



# PROPOSAL TO SISKIYOU COUNTY

## Exhibit A

### Feasibility Study to Comply with SB 1383 for Siskiyou County

October 11, 2024

# Process



Proposal by  
Edgar & Associates, Inc.



*Subalpine Fir  
Abies Lasiocarpa*



October 11, 2024

## 1.0 Cover Letter

Jessica Skillen, Deputy Director  
Department of General Services  
190 Greenhorn Road  
Yreka, Ca 96097  
RFP\_RFB\_Submissions@co.siskiyou.ca.us

**RE: Feasibility Study to Comply with SB1383 for Siskiyou County**

Dear Jessica Skillen:

Edgar & Associates is excited to propose this important project at a critical time, as the State prepares to respond to the Short-Lived Climate Regulations (SB 1383). We feel that our diverse experience, tightknit team, and unique qualifications will ensure that Siskiyou County is provided a common sense, strategic feasibility study and plan for SB 1383 compliance. Edgar & Associates representing the California Compost Coalition was a stakeholder in the development of AB 2902 (Woods) and supported the Bill. We realize the impact of the Bill on the Siskiyou County RFP. With SB 2902 (Wood) being signed by the Governor into law on September 23, 2024, the collection and procurement for rural communities may be deferred to 2037 while keeping the current components such as relevant ordinances, edible food recovery, outreach and education, and recordkeeping, as SB 1383 requirements.

Edgar & Associates (Edgar) is a boutique consulting firm, unburdened by corporate process, and is instead focused on providing personalized client services and timely deliverables. We are action driven without the canned feasibility studies, and instead tailor our programs to the individual needs of the clients we serve. We are proud of our lower overhead expenses and flexible scope of work, and we are driven to put our customers' needs first. We offer a phased approach to provide the SB 1383 Feasibility Study within 6 months as requested for \$158,000, with a possible extension for another 6 months to implementing the chosen components of the SB 1383 Feasibility Study for an additional \$86,000. There would still be \$500,000 in CalRecycle Local Government Grant money available to spend on jurisdictional staff and programs, which will need to be spent by April 1, 2026, or forfeit the unspent grant dollars back to CalRecycle. We can suggest programs to optimize these grant dollars in the near term to utilize all of the grant dollars.

The CalRecycle Local Government Grant Program can be used to utilize the resources for SB 1383 plans, programs, staffing, and reporting to CalRecycle. The Siskiyou County Integrated Solid Waste Management Regional Agency is the AB 939 Reporting Agency overseeing this project where the grant dollars can fund staff associated with SB 1383 activities.

Our firm has worked with CalRecycle on grants for over 20 years and can collect data, monitor programs, and report to CalRecycle on the administration of the grants. We offer a phased budget that after the SB 1383 Feasibility Study is submitted, Edgar is poised to implement the portions of the Study over the SB 1383 Local Assistance Grant term, ending on April 1, 2026. This includes reporting back to CalRecycle as part of the Electronic Annual Report (EAR) on August 1, 2025 August and managing the grant for the JPA.

Please understand that our cost proposal provides framework numbers to allow adequate resources to prepare and implement the Study and allows the option to partner in a turnkey collaboration from grant management to filing EARs. We offer a menu approach to execute practical and cost-effective programs with streamlined administration to report back to CalRecycle.

As part of the SB 1383 Feasibility Study, we can focus on the existing green waste and wood waste streams in your communities. The money could also be used to develop agricultural composting facilities at nearby ranches for green waste to keep these organics in County to develop healthy soils and retain water on-site. Edgar has permitted several dozen agricultural compost facilities and is currently working on carbon farming projects in 5 counties in California to develop carbon credits for the ranchers. Small scale community composting is also an option for certain types of food waste. We can provide a budget to construct and operate these types of community composting facilities in each of your key geographical areas throughout the County.

Edgar has also permitted several wood waste biomass gasification facilities throughout California using urban and forest sector waste for up to 3 mega-watts which can be structured into a micro-grid with incentive funding. Edgar would reach out to the Siskiyou Climate Collaborative who is working to help a broad community network pursue planning and funding opportunities to site and permit a biomass gasification facility.

The proposed budget is below, as a menu approach, and flexibility to have the County direct Edgar & Associates to focus on the key issues that are important.

## Budget Summary

Phase 1: Feasibility Study	
Task 1 – Conduct Kick-Off Meetings	\$11,660
Task 2 – Monthly Status Reports	\$8,160
Task 3 – Edible Food Recovery Compliance Study	\$46,230
Task 4 – SB 1383 Strategies & Options	\$47,845
Task 5 – Organic Collection Processing Programs Evaluation	\$43,810
<b>Total</b>	<b>\$157,705</b>

Phase 2: Implementation (Optional)	
Task 6 – Implementation	\$52,880
Task 7 – Electronic Annual Reporting	\$12,750
Task 8 – Grant Management	\$13,600
<b>Total</b>	<b>\$79,230</b>
<b>Grand Total for Feasibility Study and Implementation</b>	<b>\$236,935</b>

Phase 3: Program & Infrastructure Development (Optional)	
Task 9 – Edgar is poised and ready to assist Siskiyou County with spending over \$500,000 of the remaining Local Assistance Grant funds. The Edgar team will suggest to the County on how to successfully execute spending for SB 1383 program & infrastructure development prior to the grant term deadline on April 1, 2026. Funds that are unspent at the end of the grant term must be returned by check to CalRecycle by May 16, 2025. Unspent funds due to CalRecycle but left unpaid may result in ineligibility for future grant and payment program funding.	

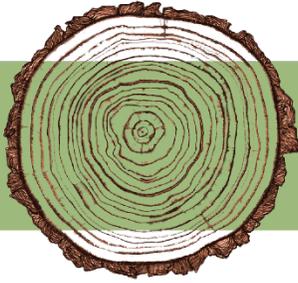
This Proposal shall remain valid for a period of not less than ninety (90) days from the date of submittal. Evan W.R. Edgar is authorized to bind Edgar & Associates, Inc. contractually. Edgar & Associates is a California 'S' Corporation, located at 1822 21<sup>st</sup> Street in Sacramento, California with Evan W.R. Edgar as the President.

Please phone me at (916) 444-5345 should you have any questions.

Best Regards,

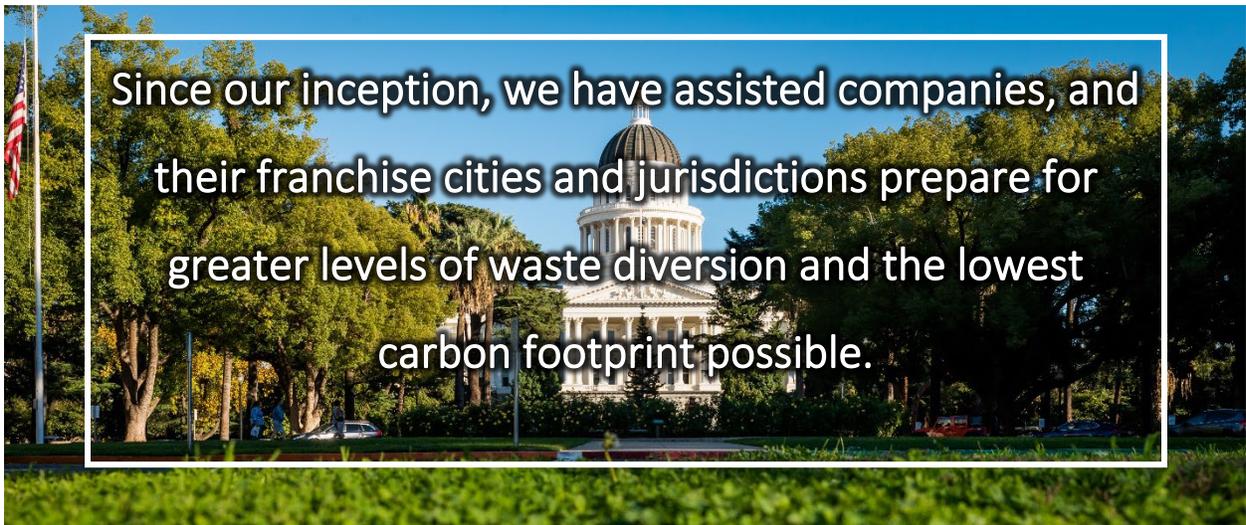


Evan WR Edgar, Principal



## 2.0 Qualifications

Edgar & Associates is uniquely positioned to assist Siskiyou County and its jurisdictions in developing an effective compliance plan to meet the needs of SB 1383. Our firm has decades of experience as an environmental engineering company, solid waste management consultant, and advocate for recycling, composting, and renewable energy best practices. Edgar & Associates, Inc. is a technical adviser and consultant to companies involved with all aspects of materials management services including collection, hauling, processing, recycling, composting, and landfilling. We are experts on the deployment of technologies and in obtaining grant funding to commercialize systems with the ultimate goal of diverting waste and reducing greenhouse gases.



Our success comes from our firsthand knowledge of every level of the solid waste system. Edgar & Associates have worked on everything from outreach programs to inform individuals on where to put their kitchen trash to international studies on markets for recycled materials.

### **Operational Level**

Edgar & Associates works most closely with the solid waste haulers, recycling facilities, outreach coordinators, and other individuals who work directly with waste and are on the front lines of the circular economy. We believe this experience to be essential to informing good decision making with respect to solid waste. We know what is actionable and have well-established relationships with people who can make effective change. Our team is adept at realizing visions at the



operational level thanks to our regular involvement in permitting individual operations, managing solid waste facilities, and implementing new technologies at recycling and composting centers.

### State Level

Our team is exceptionally proficient at understanding a wide range of California waste industry regulations and policy drivers. We examine and inform policy by analyzing statewide and regional recycling and composting markets, interpreting, and assessing legislation, and researching economic and environmental impacts of major policy drivers. This well-rounded expertise has enabled us to craft clear-sighted and comprehensive organic waste recycling plans for cities and their franchised haulers alike.

### Looking Ahead

Edgar & Associates, Inc. has decades of experience analyzing and projecting waste diversion scenarios against disposal targets and goals. This knowledge is proving useful as a range of regulations have been passed to push California towards higher levels of diversion. In response to these mandates, we have been assisting our clients with reports that prepare jurisdictions for meeting those requirements. Chief among these new goals is the needed SB 1383 methane reduction goals, which focus on the diversion of organic waste from our landfills.

## 2.2 Work History

As described in Section 1, Project Experience, Edgar & Associates has a detailed and technical understanding of State regulations and actual implementation of solid waste collection programs. We look forward to bringing our unique skill set to Siskiyou County, where more information can be provided on any of the following work products.

### SB 1383 Compliance, Procurement and Waste Management Structure

Edgar & Associates has prepared SB 1383 Program Planning Documents for the following clients that have been well received by CalRecycle staff:

- Humboldt Waste Management Authority, SB 1383 Implementation Roadmap, 2023 and \$2.7 million CalRecycle Grant, 2023 ongoing
- City of Ferndale, SB 1383 Implementation Plan, 2022 ongoing with filing Electronic Annual Reports (EARs)
- City of Trinidad, SB 1383 Implementation Plan, 2023 ongoing filing EARs
- City of Delano, SB 1383 Implementation Plan, 2020 ongoing filing EARs
- City of Elk Grove, Anaerobic Digestion Feasibility Study, 2023
- City of Burbank, SB 1383 Implementation Plan and Compost Feasibility Study, 2022 ongoing



- Sacramento Carbon Farming Project for 60,000 TPY of green waste composting, December 2022 ongoing
- Agromin Ventura County, \$10 million CalRecycle grant for covered aerated static composting (CASP) and per state permits, 2014 ongoing
- Merced County Regional Waste Management Authority – 75,000 TPY CASP facility, EIR and state permits, 2022 ongoing
- Merced County Carbon Farming Project at Bowles Ranch. 62,000 TPY green waste composting facility, 2018 ongoing
- Kern County Public Works, \$10 million CalRecycle grant for 100,000 TPY CASP compost facility, 2023 ongoing
- Tulare County Solid Waste Management, 200,000 TPY CASP compost, EIR, and solid waste facility permit, 2020 ongoing
- EDCO, Escondido Resource Recovery Facility - \$10 million CalRecycle Grant for Anaerobic Digestion facility. 2023 ongoing
- Yolo County Central Landfill - \$10 million CalRecycle grant for CASP composting, SWFP, WDRs, and ATC, 2023 ongoing
- Yolo County Carbon Farming Project, Yolo Land & Cattle Company, green waste processing facility, 2021 ongoing
- Agromin for the City and County of Sacramento, SB 1383 Organic Processing Capacity, 2021
- American Refuse for City of Shafter, SB 1383 Collection and Processing Plan, 2021
- Harrison Industries for City of Thousand Oaks, SB 1383 Collection and Processing Plan, 2021
- Peña’s Disposal for City of Reedley, SB 1383 Collection and Processing Plan, 2021
- Upper Valley Disposal Service for the Upper Valley Waste Management Agency, SB 1383 Organic Waste Processing Capacity, 2020
- Specialty Services for the City of Sunnyvale, SB 1383 Collection and Processing Plan, 2020
- Westside Waste Management for the City of Taft – SB 1383/AB 1826 Organic Waste Management Plan, November 2019.
- Tracy Delta Solid Waste Management Company for the City of Tracy – SB1383/AB 1826 Organic Waste Management Plan, November 2018
- American Refuse for North Kern County – SB 1383/AB 1826 Organic Waste Recycling Plan, October 2018
- Tulare County - SB 1383/AB 1826 Organic Waste Management Plan, June 2018
- Mt. Diablo Resource Recovery for the City of San Ramon - SB 1383/AB 1826 Organic Waste Recycling Plan, May 2018
- City of Delano – AB 1826 Organic Waste Recycling Plan Recycling, February 2018

In Process



- Mt. Diablo Resource Recovery for the City of Concord - SB 1383/AB 1826 Organic Waste Recycling Plan, October 2017
- Agromin for the City of Oxnard - SB 1383/AB 1826 Organic Waste Management Plan, June 2017
- Pleasanton Garbage Service for the City of Pleasanton, SB 1383/AB 1826 Organic Waste Management Plan, June 2017
- Mt. Diablo Resource Recovery for the City of Pittsburg - SB 1383/AB 1826 Organic Waste Recycling Plan, May 2017
- American Refuse for the City of Shafter – AB 1826 Organic Waste Recycling Plan, February 2017
- Agromin OC for City of Chino - SB 1383/AB 1826 Organic Waste Management Plan, January 2017
- Marin Sanitary Service for the Zero Waste Marin JPA – SB 1383 Organic Waste Management Plan, June 2016
- City of Burbank – AB 1826 Organic Waste Recycling Plan, November 2017
- Westside Waste Management for the City of Maricopa – AB 1826 Organic Waste Management Plan, March 2016
- CARTS for the City of Fresno – AB 1826 Organic Waste Management Plan, January 2016
- South San Francisco Scavengers for the City of South San Francisco – AB 1826 Organic Waste Recycling Plan, December 2015
- Harrison industries for the City of Ventura – Zero Waste Plan, November 2015

### Organic Collection and Processing

Edgar & Associates has conducted land use and environmental project management for over 25 years. During this time, we have successfully obtained permits at many facilities, while adding programs and technologies to meet constantly evolving state mandates. Edgar has robust experience in obtaining permits specific to the pre-processing of organics, composting, and anaerobic digestion. Further, Edgar has backed up these improved operations with fiscal backing by securing millions of dollars of grant funding.

- Napa Material Diversion Facility – CUP/CEQA project management and documentation, Report of Compost Site Information (RCSI), Solid Waste Facility Permit (SWFP) Application package for 44,000 tons per year (TPY) anaerobic digester (AD) and 78,000 TPY covered aerated static pile (CASP), food waste processing and biomass gasification. Grant writing and management of \$3.0 million California Energy Commission (CEC) grant for anaerobic digestion (AD), \$10 million CalRecycle grant, and \$600,000 CalRecycle grant for food waste processing into slurry. 2010 to present.



- Upper Valley Disposal Service, St. Helena – CUP/CEQA project management and documentation, Report of Compost Site Information (RCSI), Solid Waste Facility Permit (SWFP) Application package for 34,000 TPY covered aerated static pile (CASP) and food waste demonstration projects. Grant writing and management of \$1.25 million CalRecycle grant for food waste processing building. 1997 to present.
- South Lake Refuse and Recycling, Lake County – CUP/CEQA project management and documentation, Report of Compost Site Information (RCSI), Solid Waste Facility Permit (SWFP) Application package for 460 tons per day (TPD) composting and C&D facility. Grant writing and management of \$1.25 million CalRecycle grant for compost pad expansion and grinder. 1997 to present.
- Tracy Material Recovery Facility – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 1,800 TPD with windrow composting, CASP composting, organic waste processing and biomass gasification. 1997 to present.
- Z-Best Compost Facility, Gilroy - CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 1,500 TPD with in-vessel composting mixed waste composting and green waste windrows. 1997 to present.
- Zamora Compost Facility, Yolo County – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 300 TPD with windrow composting and food waste demonstration projects. 2008 to present.
- Clover Flat Resource Recovery Park, St. Helena – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 600 TPD with CASP food waste composting on top of a landfill and biomass gasification. 1997 to present.
- Northern Recycling, Yolo County – WDR Project Management, SWFP Application package for the development of a 200,000 CYD mixed waste compost, and CalRecycle Grant application. 2008 to present.
- City of Burbank – Compost Facility Development Plan for siting on an active landfill. 2015 to present
- EBA for Tulare County – Compost Feasibility Report for 200,000 tons per year (TPY) covered aerated static pile (CASP) compost facility co-located at a County Landfill. 2018 to present.
- Independent Haulers of Kern County – SB 1383 Facility Development at County Landfill, 2018.
- Agromin Organics Recycling, Oxnard – CUP/CEQA project management and documentation, Enforcement Agency (Edgar) Notification Application package for 200 TPD

with windrow composting and CASP composting and food waste demonstration projects. 1998 to present.

- Agromin Orange-County, Chino – CUP/CEQA project management and documentation, Enforcement Agency (Edgar) Notification Application package for 200 TPD with windrow composting and CASP composting. 2012 to present.
- GreenWaste Recovery MRF, San Jose – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 2,000 TPD with organic waste processing and transfer. 1997 to present.
- Blue Line Biogenic Fueling Facility – CUP/CEQA project management and documentation, Report of Compost Site Information (RCSI and TPR), Solid Waste Facility Permit (SWFP) Application package for 12,500 TPY AD Facility. Grant writing and management of \$2.60 million CEC grant for AD and permitted food waste processing equipment. 1997 to present
- Marin Resource Recovery Center – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 2,640 TPD, 12,500 TPY AD, food waste processing into slurry, and biomass gasification. 1997 to present.
- Mt. Diablo Resource Recovery Park, Pittsburg – CUP/EIR project management and documentation, draft Solid Waste Facility Permit (SWFP) Application package for 5,100 TPD with 800 TPD organic processing and biomass gasification. 2005 to present.
- Peña's Material Recovery Facility – CUP/EIR project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 2,000 TPD with organic waste processing and biomass gasification. 1995 to present.
- CARTS Transfer Station, Fresno – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 3,100 TPD with organic waste processing into slurry. 1997 to present.
- Agromin – Limoneira commercial compost facility – CUP/CEQA Project Description for 120,000 TPY facility with CASP, anaerobic digestion (AD) and biomass gasification. 2010 to present.
- Mt. View Food Waste Processing Facility, Oxnard – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 300 TPD organic waste processing and animal feed option, 2017 to present.
- ACI Material Recovery Facility, San Leandro – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 620 TPD, and organic waste transfer. 1997 to present.



- Mission Trails Transfer Station, Santa Clara – CUP/CEQA project management and documentation, Solid Waste Facility Permit (SWFP) Application package for 375 TPD organic waste processing and animal feed option. 1997 to present.
- S.A.F.E., Santa Clara – CEQA project management and documentation, Solid Waste Facility Permit exclusion for animal feed facility. 2014 to present.
- STRR Recycling Facility, Tulare County – CUP/CEQA project management and documentation, Registration Solid Waste Facility Permit (SWFP) Application package for 100 TPD, and organic waste processing to slurry. 2017 to present.

### **Edible Food Recovery Strategic Development**

Edgar & Associates has prepared grant applications and SB 1383 edible food recovery plans and pioneered the metrics and programs with local government and NGOs:

- Humboldt Waste Management Authority, Abound – 2023 and ongoing
- City of Ferndale, Abound – 2023 and ongoing
- City of Trinidad, Abound – 2023 and ongoing
- City of Delano, Abound – 2023 and ongoing
- Coalition for Food Recovery Strategic Development – Yolo County, current and on-going
- Coalition for Food Recovery Strategic Development – Ventura County Public Health, current and on-going
- Coalition for Food Recovery Strategic Development – Community Environmental Council, Santa Barbara, Initial Capacity Assessment.
- Model Food Recovery Agreement – Resource Group Model Review Partner, current and on-going
- CalRecycle Grant Application (FW1/FW2) Waste Not Orange County (WNOC) – July 2017, awarded
- CalRecycle Grant Application (FW2), Ventura County/Waste Free VC – July 2017, awarded
- Sustainable Funding Modelling for WNOC – all Orange County Jurisdictions – April 2017, several jurisdictions now provide continual funding to WNOC
- Orange County Waste & Recycling Regional Grant Application, WNOC – May 2017, awarded
- CalRecycle Grant Application (FW3), FoodShare/Waste Free VC – January 2019, awarded
- CalRecycle Grant Application (FW3), WNOC – January 2019, awarded

## Net-Zero Greenhouse Gas Studies – Waste Sector

- Net-Zero GHG for California for CY 2018. Retained by the California Compost Coalition to prepare the carbon footprint for the Waste Sector, and determined that Waste Sector has avoided 3.7 times more GHGs than were emitted and projected that with SB 1383 and AB 341, that the Waste Sector could avoid 9.9 times GHG than emitted, 2021.
- Net-Zero GHG for Washington State for CY 2017. Retained by the Washington Refuse & Recycling Association to prepare the carbon footprint for the Waste Sector, and was determined that Waste sector has avoided 2.7 times more GHGs than emitted, 2021
- Carbon footprints have been prepared over 70 calendar years for eight solid waste and recycling companies that have been verified by a third-party, The Climate Registry, since 2006. These companies have Net-Zero GHG ratios ranging from 10 times to 20 times more avoided emissions than operational emissions.

### Net-Zero GHG Equation

$$\text{Operational GHG Emissions} - \text{Avoided GHG Emissions} \leq 0$$



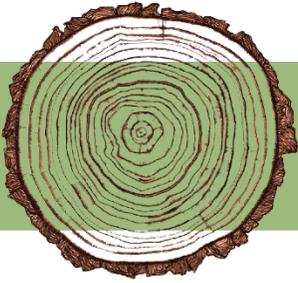
## 2.3 Work Samples for Review

The following work samples can be found on our website (<https://edgarinc.org/related-projects-for-sb-1383-organic-regional-compliance-services/>).

- Humboldt Waste Management Authority – Compliance Plan Roadmap and Procurement - SB 1383/AB 1826 Organic Waste Management Plan June 2022 – This document was prepared for HWMA. Evan Edgar was the Principal on this strategic plan. Edgar & Associates secured a \$2.7 million CalRecycle for the proposed organic processing facility at the HWMA Transfer Station.
- Yolo County – Our team, with Abound Food Care, was hired by Yolo County to assist with the evaluating Edible Food Recovery Capacity for Yolo County, including the assessment of Tier 1 and 2 generators, surveying local non-profits and working with the Yolo Food Bank to determine how the region could meet the infrastructure capacity needs of SB 1383. Since this report has been published CalRecycle is calling it “The Model Report” for edible food recovery compliance. The Sustainability Manager, Monica White, has been the practicing leader on all edible food recovery projects.
- City of Napa – Organic Processing and Collection and Waste Management Structure - Solid Waste Facility Permit and Report of Facility Information for the Napa Material Diversion Facility for 44,000 TPY anaerobic digestion and 78,000 TPY covered aerated static pile, food waste processing and biomass gasification which led to the \$3.0 million CEC grant and a \$10 million grant from CalRecycle for anaerobic digestion, \$600,000 CalRecycle grant for food waste processing into slurry, and \$1.5 million for composting equipment. Evan Edgar has been the Principal on the project for 10 years.



Scan the QR code for work samples!



## 3.0 Company Profile

### 3.1 Primary Contractor

Our firm, Edgar & Associates, Inc. (Edgar), an environmental engineering company and lobbying firm founded in 1997 and currently registered as an S Corporation. California Compost Coalition, the lobbying coalition also registered under the same EIN, doing business as CCC with Edgar as the legislative lobbying firm. Edgar is based in Sacramento, specializing in solid waste management, recycling, composting, and renewable energy issues. Edgar also has an office location in Humboldt, Southern California, and Chico, where the team readily travels for necessary meetings. Edgar acts as technical advisors and consultants to the solid waste industry, including privately held companies and local jurisdictions, involved with all aspects of materials management services including collection, hauling, processing, recycling, composting, and landfilling. We have a reputation of deploying technologies and obtaining grant funding to commercialize low carbon systems and meet necessary diversion requirements for local jurisdictions. Since our inception, we have assisted companies, and their franchise cities and jurisdictions prepare for greater levels of waste diversion and the lowest carbon footprint possible. Our success comes from our knowledge of and involvement in a wide range of California waste industry regulations and policy drivers. Our firm works in all avenues of the solid waste industry and are experts in anticipating the needs of local jurisdictions, to haulers, facility operators, regulators, and state. Our firm will provide Siskiyou County with tried and tested solutions that we have refined during our development of successful diversion solutions across the State. Our operational and collection knowledge comes from long-term, personal, and trusted business relationships with haulers, recycling processors and composters.



Our team of eight professionals are experts in engineering, composting, sustainability, technology, and greenhouse gas reductions. We provide turnkey service for numerous private independent business owners and local governments in the materials management world. We specialize in preparing SB 1383 Feasibility Study and Implementation Plan, Edible Food Recovery programs, Climate Action Planning coupled with Master Facility Planning, and Zero Waste Planning. Our reports and strategic plans prepare Jurisdictions and facilities for meeting diversion requirements and greenhouse gas reduction goals. These reports include an evaluation of current operational practices, projected community waste generation, available technologies, permitting

requirements and operational goal setting while integrating scientifically supported greenhouse gas emission reductions strategies.

We have over 25 years of engineering and advocacy experience analyzing and projecting waste diversion scenarios against disposal targets and goals. We pioneered disposal goal setting in the waste industry and our firm was the first to calculate the greenhouse gas impacts of recycling compared to solid waste collection operations, piloting the concept of “Net-Zero” greenhouse gas operations. More recently, a range of regulations have been passed to push California towards higher levels of diversion and greenhouse gas reductions. In response to these mandates, we have been assisting our clients with reports that prepare jurisdictions for meeting those requirements.

### 3.2 Subcontractor

Edgar & Associates and Abound Food Care work collaboratively to reduce food insecurity through the recovery of excess edible food. Abound Food Care’s program is designed to mitigate the gaps in the food supply chain that led to food waste and the gaps in the healthcare industry that failed to identify insecure individuals and provide them with access to nutritious food. Abound Food Care’s model is recognized as the most effective and advanced food recovery in the nation. Together, Edgar and Abound Food Care have provided edible food recovery (EFR) services to meet SB 1383 compliance in the following rural jurisdictions: Humboldt County, City of Ferndale, City of Trinidad, and the City of Delano. Additionally, Abound with Edgar provides services to the Cities of Ventura, Orange, and Sacramento. We have partnered in the development of community benefit agreements that promote EFR relating to new organic infrastructure development for the City of Napa, Yolo County, and Kern County. Abound Food Care has recovered over 152 million pounds of excess edible food for distribution to those suffering from food insecurity.



Abound Food Care works collaboratively with the public, private, and nonprofit sectors to facilitate the recovery of excess edible food effectively and efficiently. Abound Food Care provides innovative and highly effective solutions to optimize the food chain, build capacity, bring stakeholders and resources together that optimize food systems nationally reducing food waste

and food insecurity. Abound Food Care is a non-profit with 501c3 status.



Abound Food Care and Edgar have provided consulting services and food recovery program development and/or oversight utilizing Abound Food Care’s decades long relationships in the food, healthcare, and waste management industries. Abound Food Care’s accomplished and engaged Advisory Board works on our behalf to leverage longstanding partnerships that result in an effective regional solution to a national problem using local resources. The staff works regularly in the areas of outreach, logistics, data collection/analytics and strategic development. Abound Food Care has been actively engaged with CalRecycle on the development of SB 1383 Edible Food Requirements, their Model Tools, and through the implementation of the regulation in several Counties throughout the State. Further Abound Food Care staff are Board Members of the Edible Food Recovery Technical Advisory Committee that regularly provides education and guidance on how to effectively build edible food recovery programs in California.

### 3.3 Staff Availability

Name	Title	Organization	Availability	Proposed Position
Evan Edgar	Principal Engineer & President	Edgar & Associates	Full-Time Employee 5-20 hours a week as needed.	Project Manager & Primary Point of Contact
Julie Arenz	Sustainability Associate & Project Manager	Edgar & Associates	Full-Time Employee 8 - 30 hours a week as needed	Program Lead and Coordinator, Edible Food Recovery, Electronic Annual Reporting, Education & Outreach
Monica White	Sustainability Manager	Edgar & Associates	Full-Time Employee 8 - 30 hours a week as needed	SB 1383 Compliance Strategist and Edible Food Recovery
Neil Edgar	Senior Project Manager	Edgar & Associates	Full-Time Employee 5-20 hours a week as needed	Organics Infrastructure Program Planning Lead
Grant Readle	Resource Economist	Edgar & Associates	Full-Time Employee 8 - 30 hours a week as needed	Data Analyst and SB 1383 Compliance Support
Omar Al-Shafie	Associate Engineer	Edgar & Associates	Full-Time Employee 8 - 30 hours a week as needed	Organics Infrastructure Planning Support
Mike Learakos	Executive Director	Abound Food Care	Full-Time Employee 5-20 hours a week as needed.	Edible Food Recovery Technical Consultant



Edgar & Associates has abundant resources to bring to a partnership with Siskiyou County on this project. We are prepared to conduct digital meetings on any modern platform in addition to providing in-person assistance at critical meetings and the quarterly JPA meetings. Below is a summary of our proposed staff (please see resumes in Section 3) and their availability.

In addition to these positions, both Edgar & Associates and Abound have additional supporting staff that can be brought in as needed for specific tasks.

### 3.4 The Edgar Team

Edgar & Associates is made up of a team of passionate individuals who care deeply about solving environmental challenges through common sense solutions, in lockstep with our clients' vision. Our team is dedicated to working with public, private, local, and state governments in a collaborative way to move waste diversion solutions forward that are viable for the communities and their specific needs. Unlike other consulting firms, we look outside the box, focus on building partnerships, advocate for solutions that cater to local needs and are focused on long-term successes for each client we service. We publish a monthly newsletter for the California Compost Coalition.



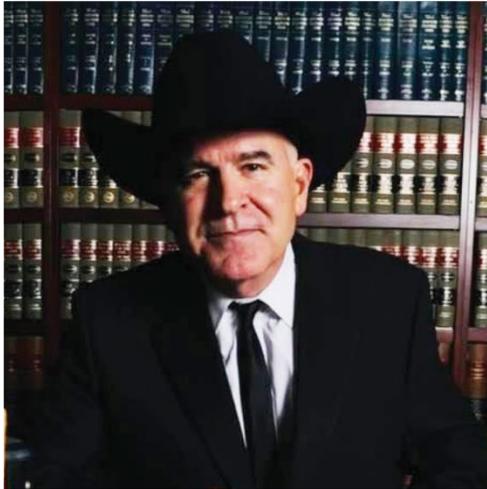
## THE STATE OF THE COMPOST



Scan the QR code or click the link to check out the [California Compost Coalition Newsletter!](#)

State of the Compost edition.

Please find resumes of our key staff in the following section.



# Evan Edgar

Evan Edgar is the Principal Engineer and President of Edgar & Associates, Inc. since 1997. Mr. Edgar has over thirty years of experience in all aspects of solid waste management as a registered civil engineer who has advocated on for green energy incentives, compost market development, greenhouse gas reductions policies, and practical regulations in front of legislative committees, regulatory agencies, and local commissions involving the collection, hauling, processing, and composting of urban green and yard wastes.

Mr. Edgar was co-founder of the California Compost Quality Council in 1994 and the California Compost Coalition in 2001, a statewide compost market development project and Lobbying Coalition, respectively. Mr. Edgar is a requested speaker on all solid waste management and recycling issues at national, statewide, and regional conventions held by Waste Expo for the Plenary panel, BioCycle, SWANA, California Resource Recovery Association, Point-Carbon, Renewable Waste Intelligence as Chairman, and American Biogas Council. Mr. Edgar has conducted workshops on SB 1383, anaerobic digestion, carbon credits, climate action plans, mandatory commercial collection, composting, permitting, and greenhouse gas reduction strategies.

## CONTACT

 (916) 739 - 1200 Ext. 102

 [evan@edgarinc.org](mailto:evan@edgarinc.org)

 1822 21st Street  
Sacramento, CA 95811

 [www.edgarinc.org](http://www.edgarinc.org)

## EDUCATION

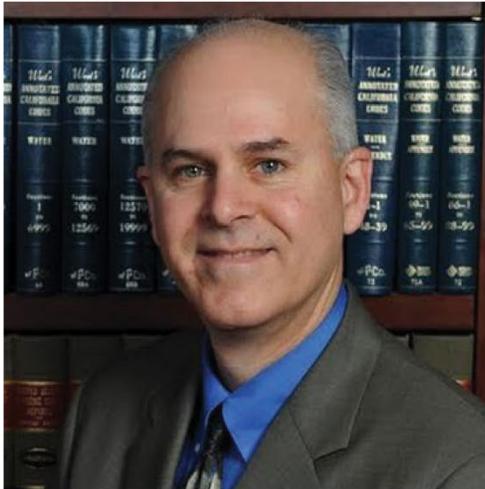
Bachelor of Science in Civil Engineering, California State University, Chico, 1984

## WORK EXPERIENCE

- Edgar & Associates, Inc. Principal Engineer, 1997-Present
- Hazardous Materials Management, University of California, Davis
- Registered Lobbyist, Office of the Secretary of the State, California
- Manager of Landfill Operations, SWANA

## HIGHLIGHTS

- Merced compost operations permitting and project management
- KCPW Organics Grant Program (FY 2022–23) - \$10 Million Award
- HWMA Project Manager - \$2.7 Million Award
- Carbon Farming development planning and implementation for Santa Barbara, Sacramento, Yolo, and Ventura Counties
- Limoneira compost operations permitting and project management
- Key Team Member on several projects including transforming food scraps to hydrogen using wet anaerobic digestion, treating produced wastewater from oil and gas operations with ecological treatments, building and permitting composting operations and programs to enhance biochar production throughout the State.
- Published Sustainability Reports for South San Francisco Scavenger, Rainbow Environmental, Greenwaste Recovery, etc.



# Neil Edgar

Neil Edgar is a Senior Project Manager with Edgar & Associates in Sacramento, California. Edgar & Associates, Inc. is a governmental affairs, regulatory compliance and environmental engineering firm specializing in solid waste management, recycling, composting, renewable energy, and climate change issues.

Mr. Edgar has more than 20 years of experience in all aspects of solid waste management regulatory compliance and facility permitting, joining Edgar & Associates in 2001. Prior to 2001, Mr. Edgar spent over 20 years as a Grocery Manager for Albertson's, Lucky Stores, and Alpha Beta, involved in all aspects of store operations, merchandising and personnel supervision, including implementation and oversight of solid waste recycling and energy efficiency programs at multiple locations throughout Northern California.

Mr. Edgar has consulted on over three dozen projects for client companies – specializing in recovery of recyclable containers and packaging, green and food materials – working on issues including regulatory compliance, technical and financial feasibility, collection options, land use compatibility, site design, operations, grant and loan funding, tipping fee pricing, and market development.

## CONTACT

 (916) 739 - 1200 Ext. 101

 Neil@edgarinc.org

 1822 21st Street  
Sacramento, CA 95811

 www.edgarinc.org

## EDUCATION

B.S., Business Administration,  
John F. Kennedy University,

## WORK EXPERIENCE

Edgar & Associates, Inc. | 2001-  
Present

California Compost Coalition |  
2001- Present

Alpha Beta, Lucky Stores,  
Albertsons | 1978-2001



## HIGHLIGHTS

- SB 54 Advisory Committee
- Chair of the US Composting Council's Legislative and Environmental Affairs Committee
- 40-hour Compost Operators Training Course, U.S. Composting Council, Davis, 2010
- Registered Lobbyist, Office of the Secretary of the State, California, 2009 – present
- Next Generation Management and Leadership Program, California Refuse Recycling Council, CSU Sacramento Certificate, 2009
- Certified Composting Systems Technical Associate, SWANA, 2005-2014
- Executive Director and Co-founder of California Compost Coalition,
- Serves as a policy liaison for the California Organics Recycling Council



# Monica White

Monica White is the Sustainability Manager at Edgar and Associates. Monica has over 10 years of experience working in the sustainability arena where she has led teams in developing sustainability programs for a range of companies including waste haulers and processors, aerospace and manufacturing. Monica has played a leadership role in assisting companies to develop strong sustainability and environmental programs, securing grant funding and strategically achieve desired goals, including how to incorporate carbon projects into their businesses to meet their carbon reduction targets. Notably she is assisting the development of zero waste programs, SB 1383 compliance plans, and cutting-edge approaches to the management of edible food.

She is proficient in leading multi-company and multi-disciplinary teams through projects, ensuring schedules and budgets are maintained, tasks are completed resulting in exemplary work products. In addition, Monica has advocated for zero waste initiatives, compost market development, greenhouse gas reductions policies, and the integration of sustainable programs at local jurisdictions with waste management franchise procurement programs and aligning local and state policies around sustainability. Monica has advised local government, advocacy groups and private enterprise on issues relating to greenhouse gas management, sustainability, climate adaptation strategies, and zero waste programs.

## CONTACT

 (916) 739 - 1200 Ext. 105

 [monica@edgarinc.org](mailto:monica@edgarinc.org)

 1822 21st Street  
Sacramento, CA 95811

 [www.edgarinc.org](http://www.edgarinc.org)

## EDUCATION

Bachelor of Science in Environmental Biology, Saint Mary's College, 2006

## WORK EXPERIENCE

Edgar & Associates, Inc.  
Sustainability Manager  
2010-Present

Cameron Cole, LLC  
GHG Emissions Verifier  
2006-2010



## HIGHLIGHTS

- Project Manager on sustainable funding strategies and coalition development for Waste not Our Communities (WNOC).
- Key Team Member on several projects including transforming food scraps to hydrogen using wet anaerobic digestion, building and permitting composting operations and programs to enhance biochar production throughout the State.
- Published Sustainability Reports for South San Francisco Scavenger, Rainbow Environmental, Greenwaste Recovery, etc.
- Assisted South San Francisco Scavenger with application and successful reception of the GEELA Award 2015, California's highest environmental honor, the California Governor's Environmental and Economic Leadership Award
- Executive Member of the Edible Food Recovery Technical Committee, California Resource Recycling Association



# Julie Arenz

Julie Arenz is the Sustainability Associate at Edgar and Associates. Julie has over 10 years of experience working in sustainability education and outreach, GHG mitigation/ Climate Action Plans, CalRecycle Annual Reporting, grant and project management, and edible food recovery capacity reports and implementation. Julie not only possesses the technical skills to analyze data and research to produce high quality reports, but also understands how to communicate information and market specifically relating to the solid waste industry.

Julie is a dedicated, versatile, and technically adept business professional with a diverse skill-set developed through experience in communications, data analysis, research, outreach, marketing, and graphic design. Furthermore, Julie possesses extensive knowledge of SB 1383 program compliance and implementation. She is excellent at leading a team and working in a supportive role to meet strict deadlines on competitive projects.

## CONTACT

 (916) 739 - 1200 Ext. 106

 Julie@edgarinc.org

 1822 21st Street  
Sacramento, CA 95811

 www.edgarinc.org

## EDUCATION

BA in Environmental Studies  
and BA in Politics, University of  
California Santa Cruz, 2013

Resource Recovery Coalition of CA  
Next Gen Graduate 2018

## WORK EXPERIENCE

Edgar & Associates, Inc.  
Sustainability Associate  
2017 – Present

CleanFleets.net  
Data Analyst and CSR  
2013 – 2017



## HIGHLIGHTS

- Technical Associate and Lead Editor for multiple Response to Proposals for facilities and collection contracts.
- Project Manager for CalRecycle Annual Reporting. This includes working with solid waste haulers and facilities to report on behalf of multiple Jurisdiction.
- Key team member for Abound Food Care Edible Food Capacity Reports. Abound provides solutions and facilitates collaboration with public, private, and non-profit sectors to guide and support the implementation of regional food care programs that optimize the supply chain to end hunger and food waste.
- Managing application for The Recycling Partnership's PET Grant Program.
- Working in a supportive role in advocacy and lobbying for regulations that impact the solid waste industry.
- California Compost Coalition Newsletter Editor | 2017-2021
- Graphic design and curating material for education and outreach programs, proposals, websites, company branding, promotional videos, and social media. The work includes strategizing document themes, designing cover pages, material flow diagrams, resumes, and organization charts.



# Omar Al-Shafie

Omar adds a comprehensive and expansive knowledge of wastewater treatment and beyond to the Edgar & Associates team. Omar has experience with CalRecycle permitting parameters for solid waste facilities. He manages projects that require data analysis, communications with clients, regulating organizations, and implementation of regulatory compliance protocols. He also works with solid waste facilities to identify stormwater mitigation measures and management within varying regional water board general order programs.

While attending Humboldt State University, Omar worked as a lab research associate at the Arcata Marsh Research Center where he presented his research findings to AMRI research staff and treatment plant operators. It regarded constructed wetland wastewater treatment system in which he designed, constructed, and implemented ammonia treatment systems. He was also an engineering intern for the US Forest Service in Eureka, CA where he developed mine waste remediation process for Horse Mountain Mine. Omar was also a Laboratory Instructor at both Humboldt State University and CSU Sacramento. While at CSUS he also worked as a Research Engineer at the Office of Water Programs and some duties included maintaining State compliance with permit timelines for client operations and facilities.

His volunteer work includes being a student officer for Engineers without Borders in Chico, CA where he presented project proposals to possible donors and traveling to Honduras to survey an existing lagoon system that he co-authored the final report. He worked on the Riverine Ecosystem Restoration Engineering Support where he summarized environmental impact reports, dam deconstruction research, and fish passage regulations.

## CONTACT

 (760) 212-7243

 Omar@edgarinc.org

 1822 21st Street  
Sacramento, CA 95811

 www.edgarinc.org

## EDUCATION

M.S., Environmental Resources Engineering, Humboldt State University, 2014

B.S., Civil Engineering, CSU Chico, 2008

## WORK EXPERIENCE

Edgar & Associates Inc. | 2016 - Present

Rural Community Assistance Corporation | 2018 - Present

Office of Water Programs | 2015 - 2018



## HIGHLIGHTS

- Currently a Registered Engineer in Training
- Interpreting and adhering to Comprehensive Environmental Response Compensation and Liability (CERCLA) regulatory protocol and requirements
- Consulted with CalRecycle and the Local Enforcement Agency to define the operations with regulatory State oversight.
- Awarded a National Science Foundation (NSF) Fellowship, 2012
- Awarded Environmental Resources Management (ERM) grant, 2011





# Grant Readle

Grant Readle is an economist who has worked for Edgar & Associates for over 5 years and specializes in solid waste management, greenhouse gases, and materials forecasting. Mr. Readle holds a Master of Science degree in agriculture and resource economics from University of California, Davis. His data-driven approach to modelling uses well documented, peer-reviewed, and government endorsed methodologies to approach complex waste diversion issues. Mr. Readle has been a primary author on CEC Grant Final Project Reports for experimental facilities, Solid Waste Facility Permits, Hazardous Materials Business Plans, economic white papers on statewide waste Policy, research pilot projects for experimental compost facilities, greenhouse gas analyses of multiple companies, and a myriad of other research and permitting documents. Mr. Readle's most recent work and research centers on California's various organics diversion mandates, and modelling the waste stream implications of full implementation of these programs.

## CONTACT

 (916) 739 - 1200 Ext. 104

 [grant@edgarinc.org](mailto:grant@edgarinc.org)

 1822 21st Street  
Sacramento, CA 95811

 [www.edgarinc.org](http://www.edgarinc.org)

## EDUCATION

- Master of Science in Agriculture and Resource Economics, University of California, Davis, 2014.
- Bachelor of Arts in International Studies- Political Science, University of California San Diego, 2008.

## WORK EXPERIENCE

Edgar & Associates, Inc.  
Resource Economist  
2015-Present

# Process

## HIGHLIGHTS

- Produced and researched international governmental regulations for recycling exports for the Palo Alto Market Traceability Report.
- Experience using California Air Resources Board methodologies to evaluate greenhouse gas emissions from waste collection fleets.
- Developed multiple models to project organic waste generation and processing capacity for AB 1826, AB 876, and SB 1383 regulations.
- Calculated annual third party verified voluntary greenhouse gas emissions inventories according to the Climate Registry's General Reporting Protocol.
- Authored market analyses for wood wastes and anaerobic digestion technology, including marginal abatement cost analysis.
- Brought waste facilities into compliance by composing a variety of permitting documents.



## CONTACT

-  (714) 292-8077
-  mike@aboundfoodcare.org
-  1774 N. Greengrove St.,  
Orange, CA 92865

## EDUCATION

Fullerton College (9/80-12/82)  
Fullerton, California

## WORK EXPERIENCE

- Abound Food Care | 2013 - Present
- TJM, INC. | 1993 - Present
- Zacky Foods, Inc. | 1989 - 1993



# MIKE LEARAKOS

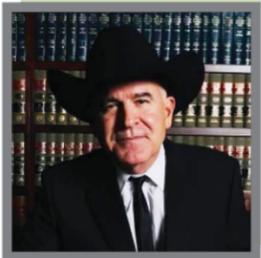
Mike currently serves as the Chief Executive Officer of Abound Food Care, formerly Waste Not OC. He developed the nationally recognized Waste Not OC Model for Food Recovery that optimizes the food supply chain in support of public, private and non-profit organizations working to reduce food waste and food insecurity through innovative solutions. Mike also implemented and developed the Food Repurposing Kitchen Network to further reduce waste and food insecurity utilizing decades of food industry experience. He continues to lead the implementation of logistics solutions in communities, activating existing resources to optimize the food supply chain across the state of California. Mike also developed and implemented a strategic plan for operational procedures including all TJM, Inc., Katella Grill and Catering, and KG Angel Stadium concessions. In 2001, he was City of Orange's Citizen of the Year. He is also a member and previous chair of the CRRA's Edible Food Recovery Technical Council.

## HIGHLIGHTS

- TJM Facility Design
- Assisted in the development of the world's first fully sustainable solar powered freezer container.
- Led the transition of the Waste Not OC Food Recovery model from a regional program to a national model.
- Full-line Foodservice Distributor supply chain specialist for Keeler Foods, Inc.

# Edgar & Associates Meet the Team

**Primary Contact**  
Evan Edgar | Principal Engineer  
916-444-5345 | 916-739-1216  
evan@edgarinc.org



Evan Edgar  
Principal Engineer

**Scope of Services**

Feasibility Study  
Compliance Plan  
Organic Processing and Collection  
Procurement



Neil Edgar  
Sr. Project Manager

**Scope of Services**

Organic Processing and Collection  
Procurement



Monica White  
Sustainability Manager

**Scope of Services**

Compliance Plan  
Organic Processing and Collection  
Edible Food Recovery



Omar Al-Shafie  
Associate Engineer

**Scope of Services**  
Permitting  
Organic Processing and Collection



Rick Moore  
Principal Engineer

**Scope of Services**  
Permitting  
Technical Support



Grant Readle  
Resource Economist

**Scope of Services**  
Grant Management



Julie Arenz  
Sustainability Associate

**Scope of Services**  
Feasibility Study and EARs  
Project Manager



Mike Learakos  
Executive Director of  
Abound Food Care

**Scope of Services**  
Edible Food Recovery

### 3.5 Facilities

Edgar & Associates and the subconsultant, Abound Food Care, current work across California bringing their expertise to a range of urban and rural communities. Our team understands the specific needs of the communities we work in and looks for tailored programs specific to the nuances of the jurisdictions. The Edgar & Associates team is located at The Edgar Institute, which is an eco-think tank based in Sacramento, California, which combines the “Art of Politics and Science”. Our team is highly mobile, and we will be available as needed for in-person meetings, as well as making use of available remote technologies to ensure consistent communication.

#### The Edgar Institute: Cultivating the Art of Politics and Science



The Queen Anne Victorian home was built in 1893 by Manuel Nevis, who came to the U.S. from the Azores and started the California and Pioneer wineries located on 21st and R Streets. In 1907 the house was moved to its present location at the corner of 21st and S Streets. With Prohibition in the early 1920s, the wineries fell into demise and the Nevis Mansion was sold to house offices of doctors and lawyers for decades, with a gap in the 1970s when a guru communed, and a transformation began.

The 18-month restoration project respected the rich vintner’s lore of the past Portuguese heritage, paying homage to the family roots of Ernest Domingo Luiz from the Azores, the father of the mother of the Edgar boys: Neil, Eric, Evan, and Sean. The building was dedicated to the boys’ father, the late H.R. Edgar III (1933 – 2004) and he was honored with a sign ceremony recognizing his endless pursuit of education, a great book, and a good game of chess. This is where Edgar & Associates set up shop to address global warming solutions of AB 32 by promoting recycling, composting, bioenergy, clean fleets, and producer responsibility. Today at The Edgar Institute, Doug Kobold of the California Product Stewardship Council and Heidi Sanborn of the Nation Stewardship Action Council, along with the California Compost Coalition, CleanFleets.Net, Biogenic Energy Development are collaborating on greenhouse gas reduction programs and setting goals to 2030 and beyond.





### 3.6 Additional Resources

The Edgar & Associates team has cultivated an effective network through our day-to-day interactions with varying state agencies, technical committees, nationwide groups, and Sacramento-based organizations. CPSC and CleanFleets.Net are located at The Edgar Institute. These relationships bring an array of resources to each and every client we work with, and we are proud to declare our various partners below:



# In Process

## Unmatched Regulatory Expertise

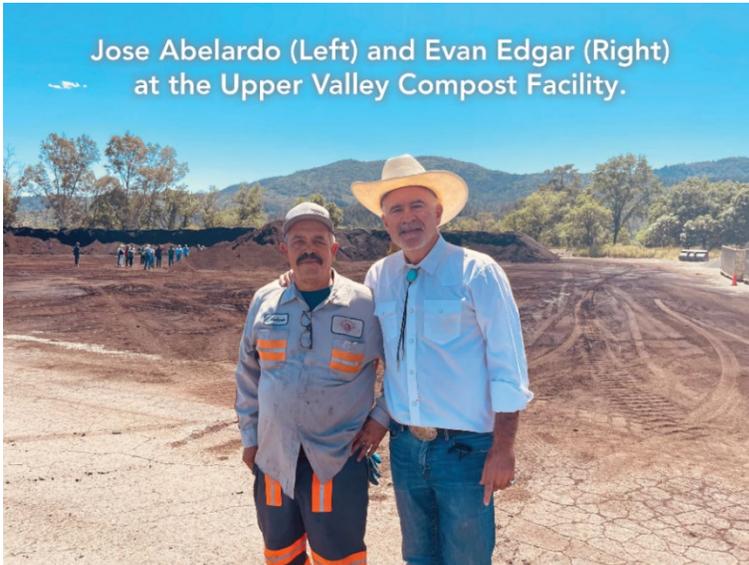


Edgar & Associates represents the California Compost Coalition (CCC). CCC is a Lobbying Coalition, created in 2002 by a group of compost operators in response to demands for increased recycling of organic materials & production of clean compost, bioenergy, anaerobic digestion, renewable natural gas, and biochar to reduce methane generation at landfills and address climate change concerns. The CCC represents member organic material recyclers and compost operators with a unified statewide voice on many issues: environmental compliance with land, air and water quality issues, product safety and standards, environmental planning, trade, and market development.

The CCC works closely with state and national organizations to promote and encourage circular solutions by managing organic materials in a responsible manner, promoting the highest and best use of resources, while minimizing impacts on the environment and the neighboring communities our members serve.

### 3.7 Project Experience

Our team of policy experts, data scientists, and engineers are deeply engaged in the organic waste management sector in California. Our experience extends from the ground level solutions that scale the statewide policy initiatives. At the ground level, our team is involved in permitting



Jose Abelardo (Left) and Evan Edgar (Right) at the Upper Valley Compost Facility.

individual operations, managing solid waste facilities, and implementing new technologies at recycling and composting centers. Similarly, at the state level we are proficient in analyzing statewide recycling markets, organic waste product procurement, interpreting and assessing legislation, and researching economic and environmental impacts of major policy drivers at the California level. This well-rounded expertise has

enabled us to craft well-informed and unparalleled SB 1383 Organic Waste Recycling Plans for cities and their franchised haulers alike.

# In Process

Our reports address the following requirements:

- ✓ Evaluate compliance with AB 939; 50% jurisdictional diversion requirement
- ✓ AB 341 and progress toward the 75% State recycling goal
- ✓ AB 1826 Mandatory Commercial Organics Recycling Programs
- ✓ AB 1594 to discontinue diversion credit for organics as Alternative Daily Cover
- ✓ SB 1383, the Short-Lived Climate Pollutants Strategy, with the 50% organic waste reduction requirement by 2020, and the 75% organics waste reduction by 2025, and 20% edible food recovery by 2025



Neil Edgar with former CalRecycle Director, Rachel Wagoner and Staff, during National Compost Awareness Week.

- ✓ AB 876 which requires jurisdictions to plan for 15 years of organics processing capacity
- ✓ Regional development of edible food recovery programs and building community resilience
- ✓ An overview of viable technology options which provide the necessary infrastructure and operations capacity to manage the required tonnage

Notably, our team has directly permitted over 50 composting and anaerobic digestion facilities since 1997. Edgar represents clients in all five permitting tiers, including the “full” tier which provides the greatest level of CalRecycle review and oversight. Permit tiers include Full, Standardized, Registration, Notification, and Excluded. Edgar has assisted a multitude of clients in selecting and permitting the proper technology for its location, waste stream, and diversion needs.

Edgar has an intimate understanding of compliance with the California Environmental Quality Act (CEQA) associated with new or revised solid waste facility permitting which is of particular importance to jurisdictions looking for solutions for SB1383. There are a number of pathways to CEQA compliance, including an Environmental Impact Report (EIR), as the required reports are tailored to different situations and intended uses.

In addition, Edgar provides a range of other services offerings including development of greenhouse gas emissions inventories, consulting for franchise agreement responses and contract negotiations, Climate Action Planning, Sustainability Program development, Sustainability Reporting and Edible Food Recovery programs. We understand that the Waste Sector in California is at the nexus of many environmental policy goals ranging from Greenhouse Gas Reduction, Water Conservation, Sustainable Agriculture and Economic Development. We use our technical expertise to assist clients to navigate these sectors and plan sustainably for the future.

## California Compost Coalition Executive Committee





### 3.8 Communication and Technology Experience

Edgar & Associates represents clients across California with a major office hub in Sacramento and an office location in Humboldt, Southern California, and Chico. The team utilizes a wide range of communication tools, each catered to the needs of the client and the project. Communication between parties must be immediate, responsive, and clear. To ensure this, our staff is comfortable with the full Microsoft Office suite of products, has email available on personal cell phones and tablets, and servers that are available on-line. Each Associate is provided with a work cell phone where they can be available as needed for urgent items after traditional working hours. We host many digital meetings on all of the major platforms such as ZOOM, GoTo Meeting, and Microsoft Meetings. These digital meetings will be key in implementing this project and save travel time to the remote north coast.

#### Version Control and File Sharing

On projects where document sharing is key, online platforms such as Dropbox and Google Docs are used to ensure that all parties are provided the necessary documents, opportunity for review and work products exceed the expectations of the clients. Our team regularly and effectively communicates and has protocol in place to assure work is neither duplicated or overwritten and practices effective document control strategies.

#### Presenting Results

Additionally, our office is equipped with the appropriate technology to ensure site plans can be drafted, graphics can be created and manipulated, and documents can be presented in a professional format. Not only is our team prepared to complete detailed data analysis, but these findings can be presented in a multitude of ways; from a step-by-step tutorial through Microsoft excel, to presenting overall results in graphic-rich and easy to understand presentations.

Further, thanks to our many years of lobbying and representing key solid waste issues to the public, Edgar & Associates have become master presenters. Our Associates are considered key industry experts in their fields and are often invited to speak on all solid waste management, recycling, and composting issues at conventions. These conventions include national, statewide and regional conventions held by Waste Expo, BioCycle, SWANA, Resource Recovery Coalition of California, Point-Carbon, Renewable Waste intelligence, NGV America, California Refuse Recycling Council, local solid waste technical meetings, and American Biogas Council. Our team have been notably involved in the development of SB 1383, where we have gained attention for our key insights into the development of regulations. Our Associates have conducted workshops on anaerobic digestion, carbon credits, environmental attribute transparency, climate action plans, mandatory commercial collection, composting, permitting, greenhouse gas reduction strategies, edible food recovery and SB 1383 compliance and can communicate technical concepts into



common sense applications and actionable steps for communities. Edgar & Associates has decades of experience making presentations to County Board of Supervisors, JPAs, WMAs, City Council, technical councils, and local community groups. Edgar & Associates publishes a monthly newsletter for the California Compost Coalition that communicates the state of composting, as well as other hot-button issues to ensure all our clients are kept aware of important issues facing the solid waste industry. All newsletters and select white papers can be found on our website: <http://californiacompostcoalition.org/>

**Tracking and Reporting Software**

Through our State-wide experience we are familiar with the several leading outreach tracking software systems that can comply with SB 1383 requirements, in addition to other local tracking requirements that may be necessary. Our Associates understand that many communities in California require additional staffing to meet the needs of SB 1383 and appropriate software can significantly assist in reducing the burden of reporting and tracking. Edgar & Associates is prepared to thoughtfully assess the Authority’s current staffing concerns and suggest the best possible options and avenues for meeting reporting and compliance needs in a cost-effective manner for the Authority, using lessons learned and best practices from across the State.

Further, our team is well versed in official CalRecycle reporting programs. We actively work with CalRecycle annual reports, RDRS, grant management reporting, and the upcoming SB 1383 recordkeeping requirements.



**Research and Document Production Software**

In addition to the software described above, Edgar & Associates utilizes the below tools to find and present the important answers to the pressing solid waste questions our clients ask.

**Office**

- \* Microsoft Suite
- \* Adobe Suite

**Publishing**

- \* Adobe InDesign
- \* Adobe Illustrator
- \* Microsoft Publisher

**File Sharing**

- \* DropBox
- \* Google Drive

**WebDesign**

- \* Wordpress
- \* WIX

**Meetings**

- \* Microsoft Teams
- \* Zoom
- \* GoTo Meeting

**Geospatial**

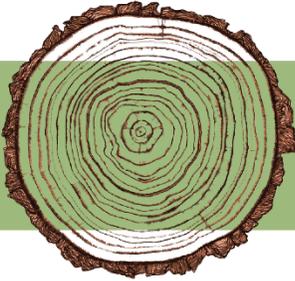
- \* ARC GIS
- \* Google Earth
- \* AutoCAD

**Social Media**

- \* LinkedIn
- \* Facebook
- \* Instagram
- \* Twitter

**Reporting**

- \* CalRecycle Grant Reporting System
- \* Climate Registry Reporting System (CRIS)
- \* CalRecycle Recycling and Disposal Reporting System (RDRS)
- \* CalRecycle SB 1383 – Model Implementation Record Tools



## 4.0 Approach

Edgar & Associates is a boutique consulting firm not burdened by corporate process but focused instead on personal client services with providing deliverables. Our project team has diverse experience with team members excelling in your practice area. We collaborate weekly at staff meetings and are always in contact with team members working remotely or in the office. We are action driven and client focused. We do our work without the canned feasibility studies, and generic documents provided by large consulting firms that must utilize a multitude of sub-contractors. We are proud of our lean and efficient team which affords us the ability to have low overhead expenses, flexible scopes of work, and the drive to put our customers' needs first.

Our staff proposals are as follows:

- Evan Edgar will be Project Manager and attend critical in-person meetings in Siskiyou County and conduct the rest of the meeting on a digital meeting platform. Mr. Edgar will be lead on the following Scope of Services – SB 1383 Feasibility Study.
- Julie Arenz will be the assistant Project Manager to Evan Edgar and will lead the Manager of the Edible Food Recovery Program with advisory from Monica White, provide administrative management and expertise on outreach and education program development, and can perform Electric Annual Report (EAR) filings. Abound Food Care staff will report directly to Julie Arenz.
- Monica White will be advisor to Julie Arenz of the Edible Food Recovery program and will be deeply involved with the SB 1383 Feasibility Study, and Education and Outreach.
- Neil Edgar and Omar Al-Shafie will assist in providing services for Organics Processing and Collection options for collection and permitting.
- Grant Readle will be key on SB 1383 organic waste modeling and managing CalRecycle \$750,000 in grant funding.

Edgar & Associates is an experienced applied knowledge consulting firm that is highly responsive to clients with a personalized approach. We are currently assisting dozens jurisdictions with SB 1383 compliance, as well as representing haulers across the state to work collaboratively with their jurisdictions on SB 1383 compliance. We are not leveraged with a host of cities, where other contractors may have to rely on inexperienced staff and subcontractors to complete key analysis. We have worked directly with smaller cities, rural counties, and private independent haulers, and we are prepared to deliver real solutions that can be executed promptly for compliance without



delay. Edgar & Associates has a dedicated team with the tools and resources to be responsive and accessible to Siskiyou County staff. We put our partners first, and our staff is ready to operate 24/7 for our clients at critical times.

### Phase 1 | Task 1 – Project Kick-Off

Edgar staff will travel to Siskiyou County to conduct a project kick-off meeting in person. Edgar will prepare a presentation to provide the County with an introduction to our company, a description of timelines where we will establish reporting guidelines/status reports schedules (communication standards), and will provide a presentation of schedule and plan, and schedule of subsequent meetings. There will be substantial staff working to prepare for the meeting to baseline SB 1383 efforts and to provide a framework for compliance.

### Task 2 – Monthly Status Reports

Edgar staff will submit digital monthly status reports to Siskiyou County and include details of all activities completed and actions taken to complete the project. There will be an in-person meeting to present the final study at the end of six months.

### Task 3 - Edible Food Recovery Review

#### Task 3a – Review of Current Edible Food Recovery Landscape to Identify Gaps

Our team of experienced professionals works toward a shared purpose and vision of capturing edible food. We have existing experience developing edible food recovery programs that result in feeding hungry people, safely and with dignity. Our programs look to create new jobs and training opportunities, relationship build across food donors and food recovery organizations and foster trust and brand protection between parties. We are pioneering



sustainable funding models and developing innovative programs that significantly enhance community resiliency. Our team members are exceptionally knowledgeable on SB 1383 edible food recovery requirements, are key members of the Edible Food Recovery Technical Advisory Committee (EFR TC) through the California Resource and Recovery Association (CRRA), developing guidance documents and resources for the entire State.

The team will conduct a review of current recordkeeping documents to understand the current edible food recovery program in place and review Ordinance SWJPA-2022-01 in place. We will conduct interviews with jurisdictional staff, key stakeholders, and food recovery organizations to

better understand what edible food recovery is currently taking place within Siskiyou County. The team will additionally provide a report to the JPA to discuss the next steps to best develop an effective food recovery program for Siskiyou County. We understand that the Siskiyou County has already begun implementing edible food recovery programs. This review would help identify any gaps in the current process and how to better collaborate with generators, food recovery organizations, and jurisdictions.

### Task 3b – Edible Food Recovery 1383 Compliance and Capacity Plan

The team will verify the Tier 1 and 2 generators and will assess which generators have a current relationship with a food recovery agency and if that relationship has a contract or written agreement for food recovery in place. Abound will also identify if generators may be able to expand their current food donations and by how much. Specific notes regarding collection requirements, types of food and other important characteristics will be noted during the assessment.



The team will provide a detailed report identifying participating cities' Tier 1 and Tier 2 edible food waste generators, their statuses on participation in edible food donation programs, and their SB 1383 food recovery compliance statuses of such edible food donation programs. The report will be compiled in the form of one regional document, with the information on each participating city formatted by sections.

The team will identify food recovery agencies and organizations in the participating cities. Once the food recovery organizations are identified, we will conduct outreach to, call and engage with those organizations. Abound has the skill set and experience to conduct this task as many of the food recovery agencies are uneasy about the discussion of their operations to avoid any negative feedback. We have developed a methodology to encourage effective communication with food recovery organizations. We utilize our existing partnerships with nonprofit organizations throughout California that can attest to our collaborative and supportive practices as needed to foster trust with the regional non-profits. The team will complete this task by making phone calls, working with existing partners and engaging in roundtable discussions and meetings. Our experience will assist in guiding food recovery agencies in identifying their potential needs to expand infrastructure and understand the current landscape of the organizations.



The team will evaluate the existing throughput and capacity of existing food recovery organizations and the needs required to effectively recover and distribute excess edible food. We will identify which food recovery organizations hold existing agreements to service Tier 1 and Tier 2 food generators. This will include details on the current capacity by participating cities.

The team will provide a detailed report including a list of the edible food recovery organizations in and around the participating cities' limits. We will also provide participating cities with a list of edible food waste generators that comply with SB 1383 and requirements associated with expanded recovery for those generators not compliant with SB 1383. Additionally, the report should include information on the recovery capacity of the food recovery organizations in and around the participating cities' city limits. We will detail whether these organizations have existing contracts or written agreements with the participating cities' Tier 1 and Tier 2 food waste generators. The report will also include details on whether additional capacity is needed for participating cities to accommodate the increase in edible food, the infrastructure needed to operate a successful edible food recovery program in Siskiyou County and opportunities for participating cities to fund such infrastructure. The report will be compiled in the form of one regional document, with the information on each participating city formatted by sections.

#### **Task 4 – SB 1383 Compliance Study (Strategies and Options)**

We have been involved in long-term projects, working with the same clients for decades on permitting compost facilities, finding solutions for land use permitting challenges and the 'not in my back yard' mentality. By working on state laws, regulations, grant funding, and policies, we understand that California law is dynamic and could alter the course of a project. We know the challenges that can occur while developing SB 1383 plans and programs when up against deadlines. SB 1383 regulations became effective in 2022, forcing Siskiyou County and its jurisdictions to achieve timely compliance, where Edgar can offer surgical advice. Advocating at CalRecycle on SB 1383 issues since the passage of the law and regulations, we understand their expectations of program development and what Siskiyou County can do to achieve 'Substantial Compliance' with SB 1383. We also have close relations with the Regional Council of Rural Counties (RCRC) on the makings in Sacramento on SB 1383 reform with the Little Hoover Commission and supported.

Edgar looks forward to assisting Siskiyou County and the 10 jurisdictions in establishing diversion programs for member agencies that target organic materials currently being landfilled. Program and plan development will address capacity that will be comprehensive, efficient, and cost-effective, keeping Siskiyou County's specific needs and goals central throughout. Edgar will provide an approach that will ensure Siskiyou County will meet future mandates and deadlines and avoid possible monetary fines imposed by the State under SB 1383.



Unincorporated counties have applied to CalRecycle for a waiver or exemption for some or all of the generators within the unincorporated county from some or all of the requirements. The table on the next page show that status of waivers and exemptions for Siskiyou County and its cities. To qualify for a low population waiver, the following must apply:

- The identified census tracts have a population density of less than 75 people per square mile within the jurisdiction and are in unincorporated portions of the County.

CalRecycle-approved waivers are valid for a period of up to five years. A jurisdiction may apply to renew a waiver at any time up to 180 days prior to the expiration of an existing approved waiver. An approved waiver does not waive a jurisdiction from its obligation to comply with the other requirements of the SB 1383 regulations including, but not limited to, promoting, and providing information to generators about waste prevention, edible food recovery, procurement, community composting, managing organic waste on-site, and other means of recovering organic waste. The SB 1383 Feasibility Study will have executable programs for edible food recovery with outreach and education.

Jurisdiction	2021 Population	2021 Disposal Tons	Exemption/ 5-Year Waiver	Effective Date
Siskiyou Countywide	43,931	41,882	Low Population & Rural	1/19/2023
City of Dorris	991	N/A	Rural	4/7/2022
City of Dunsmuir	1,648	N/A	Rural	4/7/2022
City of Etna	743	N/A	Rural	4/7/2022
City of Fort Jones	670	N/A	Rural	4/7/2022
City of Montague	1,353	N/A	Rural	4/7/2022
City of Mount Shasta	3,408	N/A	Rural	4/7/2022
City of Tulelake	902	N/A	Rural	4/7/2022
City of Weed	2,657	N/A	Rural	4/7/2022
City of Yreka	7,746	N/A	Rural	4/7/2022

The SB 1383 Compliance Plan will focus on starting collection in 2037. The study will focus on the existing green waste and wood waste streams. Building local green waste capacity for carbon farming on ranches will take less than 2 years and may be ready as soon as with willing ranchers. The entire County could demonstrate 15-years of organic processing capacity within the County for green waste.



**Task 4a – SB 1383 Targeted Tonnage Analysis**

Edgar & Associates has determined the targeted new organic waste tons that Siskiyou County may divert for SB 1383, using the 2018 CalRecycle Waste Characterization Study and disposal records from 2014-2022, reported to CalRecycle for Siskiyou County. These tons are modeled to 2025, 2030 and 2035 using projected population growth for the jurisdictions in Siskiyou County. We also note that the SB 1383 75% organic waste diversion mandate is not required for a specific jurisdiction or landfill but is a statewide mandate that will be analyzed after 2025. With the standard 3-cart/bin system in place, CalRecycle will focus on program design and implementation with reasonable outreach, education, and monitoring. Targeted tonnage and program design are key to developing a budgeted work plan, but SB 1383 does not require the exact tonnage details.

The 2018 and 2021 Statewide Characterization could be modified for local characteristics, or any other available data provided. This approach has several advantages: 1) It ensures the Siskiyou County is using a consistent baseline and, 2) it provides reasonable estimates of organics that must be recovered. This model analysis assumes that Siskiyou County and the cities provide programs to divert their fair share of organics sent to landfill, 75% organics diversion in 2030, not 2025, compared to 2014 baseline disposal. Countywide, the following new organic waste tons will need to be diverted by 2030.

**Siskiyou Countywide New Organic Waste Tons Diversion Requirements by 2030**

Waste Type	New Tons Per Year (TPY)
Food Waste	3,103 TPY
Green Waste	1,009 TPY
Wood Waste	1,521 TPY
Compostable Paper	1,483 TPY
<b>Total</b>	<b>7,116 TPY</b>

**Task 4b – Ordinance/Franchise Review**

SB 1383 falls upon each jurisdiction, where the cities are responsible for their own ordinance adoption and franchise update. Due to the unique characteristics of each city, each franchise and ordinance may need to be specific to that jurisdiction. Edgar & Associates can offer a top down overview of each franchise to advise on key elements that are important to the implementation of SB 1383, which could focus on just the high density area of the cities and the County. Edgar & Associates have been the Registered Lobbyist Firm for independent haulers in California since 1997 and can offer up practical cost-effective solutions that could be part of the franchises throughout the County.



### Task 4c – SB 1383 Requirements

The description of SB 1383 requirements and CalRecycle rulemaking is presented on the next few pages in a graphic format of the SB 1383 Compliance Checklist. The SB 1383 Feasibility Plan will also review any climate action plans and General Plans, with a greenhouse gas calculation to determine the GHG reduction impacts of each program.

During 2022, CalRecycle has the expectation that qualifying jurisdictions will have waivers and exemptions for their requirements and by 2023 jurisdictions will need to have SB 1383 programs in place. CalRecycle also has an expectation that jurisdictions offer the residential sector food waste collection with their green waste (but we will make a case otherwise), and that the jurisdictions implement food waste programs for the commercial sector by 2037.

Siskiyou County and the cities can defer collection and procurement to 2037, but still need relevant ordinances, edible food recovery, outreach and education, and recordkeeping, as SB 1383 requirements, and that a substantial effort is being made to avoid potential state enforcement penalties after 2024. There is a CalRecycle policy in place on what constitutes a ‘Substantial Effort’ and how fines can be deferred for years as due progress is made. Because SB 1383 is already underway, Siskiyou County and the cities need to use their resources strategically and act surgically to do what can be done and spend the CalRecycle grant dollars by April 2026 maximize the \$750,000 in awarded grant funds.

**In Process**

## SB 1383 Compliance Checklist - Rural Jurisdictions



### Three Container Collection Program



### Ordinance(s) or Similar Enforceable Mechanisms



	Regulation	Due Date	Projected Program Date	Responsible Party
<input type="checkbox"/> Jurisdiction adopts and keeps a record of a three container collection system	§ 18981.2	Jan., 1, 2022	by Jan., 1, 2023	Jurisdiction
<input type="checkbox"/> Reportable ordinance or other enforceable mechanisms to CalRecycle	§ 18994.1	Jan., 1, 2022	by Jan., 1, 2023	Jurisdiction
<input type="checkbox"/> Designate an enforcement lead	§ 18994.1	Jan., 1, 2022	by Jan., 1, 2023	Jurisdiction
<input type="checkbox"/> Generators to have three containers, wherever trash containers are located	§ 18995.1	Jan., 1, 2022	by Jan., 1, 2024	Jurisdiction
<input type="checkbox"/> Annual review of generators	§ 18995.1	Jan., 1, 2022	Aug., 1 annually	Jurisdiction
<input type="checkbox"/> Adopt an ordinance requiring compliance with CALGreen Building Code	§ 18989.1	Jan., 1, 2022	by Jan., 1, 2023	Jurisdiction
<input type="checkbox"/> Issue Notice of Violation within 60 days of offense, follow up within another 90 days, issue penalties within 150	§ 18995.4	Jan., 1, 2024	by Jan., 1, 2024	Jurisdiction
<input type="checkbox"/> Provide tenants information within 14 days of move in	§ 18984.1	Ongoing	Ongoing	Jurisdiction
<input type="checkbox"/> Venues and large events must require vendors meet 3 container requirements	§ 18991.1	Ongoing	Ongoing	Jurisdiction
<input type="checkbox"/> Recordkeeping: Enforcement actions	§ 18995.2	Ongoing	Ongoing	Jurisdiction



### Three Container System - Deferred Until 2037

<input type="checkbox"/> Provide a three container system	§ 18984.1	Jan., 1, 2037	on or after Jan., 1, 2037	Hauler
<input type="checkbox"/> Haulers: Identify facilities where they transfer organics waste and provide documentation	§ 18988.1	Jan., 1, 2037	on or after Jan., 1, 2037	Hauler
<input type="checkbox"/> Properly label the cart	§ 18984.8	Jan., 1, 2037	on or after Jan., 1, 2037	Hauler
<input type="checkbox"/> Recordkeeping: Geographic area, type of service, used facilities, recovery rates, etc.	§ 18984.4	Jan., 1, 2037	on or after Jan., 1, 2037	Jurisdiction
<input type="checkbox"/> Match gray, blue, green system when replacing container	§ 18984.7	Jan., 1, 2037	on or after Jan., 1, 2037	Hauler



### Route Review - Differed Until 2037

	Regulation	Due Date	Projected Program Date	Responsible Party
<input type="checkbox"/> Perform waste Route Review to verify commercial businesses and residential generators are meeting requirements	§ 18984.5	Jan., 1, 2037	by Jan., 1, 2037	Jurisdiction
<input type="checkbox"/> OPTIONAL in lieu of Route Review: Sample all hauler routes (minimum of 25-40 samples). Under 25% contamination, or additional outreach is required.	§ 18984.5	Jan., 1, 2037	by Jan., 1, 2037	Hauler
<input type="checkbox"/> Facility Quarterly Waste Characterizations of Gray Container Stream	§ 17409.5.7	Jan., 1, 2037	by Jan., 1, 2037	Facility
<input type="checkbox"/> Recordkeeping: Waste evaluation documentation	§ 18984.6	Ongoing	Ongoing	Hauler



### Outreach and Education

<input type="checkbox"/> Provide generators information annually. Includes sorting instructions, sorting outreach materials, community compost, approved haulers, source reduction, etc.	§ 18985.1	Feb., 1, 2022	Ongoing	Jurisdiction
<input type="checkbox"/> Recordkeeping: Track outreach efforts	§ 18985.3	Feb., 1, 2022	Ongoing	Jurisdiction



### Edible Food Recovery

<input type="checkbox"/> Inspections to be performed at Tier 1 and Tier 2	§ 18995.1	Jan., 1, 2022 Jan., 1, 2024	Sept., 1, 2022	Jurisdiction
<input type="checkbox"/> Edible food recovery outreach: List organizations and how to access them	§ 18985.2	Feb., 1, 2022	July., 1, 2022	Jurisdiction
<input type="checkbox"/> Estimate edible food capacity	§ 18990.2	Aug 1, 2022	June., 1, 2022	County with Jurisdiction



### Procurement - Differed Until 2037

<input type="checkbox"/> Must procure (population x 0.08 tons) of organic waste product equivalent annually	§ 18993.1	Jan., 1, 2037	After Jan., 1, 2037	Jurisdiction
<input type="checkbox"/> Must meet procured paper standards	§ 18993.3	Jan., 1, 2037	After Jan., 1, 2037	Jurisdiction
<input type="checkbox"/> Recordkeeping: Records of both	§ 18985.3	Ongoing	Ongoing	Jurisdiction



### Planning and Reporting

<input type="checkbox"/> Initial Jurisdiction Compliance Report	§ 18994.1	April 1, 2022	April 1, 2022	Jurisdiction
<input type="checkbox"/> Estimate tons organic waste disposed and capacity needed. Evaluate expansion options, including community compost	§ 18992.1	Aug., 1, 2022	Aug. 1, 2022	County with Jurisdiction
<input type="checkbox"/> Jurisdictional Annual Report	§ 18994.2	Aug., 1, 2022	Aug. 1, 2022	Jurisdiction
<input type="checkbox"/> Create implementation schedule	§ 18990.1	Dec., 1, 2022	Dec., 1, 2022	County with Jurisdiction



### Task 4d – Education & Outreach Materials

Edgar has exemplary education and outreach program development, which provide graphic rich, detailed information in multiple languages that allow for easy identification of items that need to be recovered for each collection sector. Edgar will work closely with the County to ensure that all outreach materials, messaging and slogans are approved with the goal of ensuring that the County and Edgar are close collaborative partners and that customers are fully informed on the requirements of SB 1383 regulations.



**Edgar will develop education and outreach materials to achieve full compliance with SB 1383 in the County of Siskiyou. All programmatic requirements specific to Siskiyou County’s exemptions will be met.**

### Residential, Commercial, and Multi Family Dwelling Outreach Programs

Edgar will provide ongoing residential outreach program that will educate residential customers on diversion, specific to the new programs that will be implemented. Messaging will continue to encourage reducing contamination and looking for opportunities to source reduce materials, in addition to taking advantage of the additional collection programs the County has to offer. These outreach programs will be provided to all single-family homes, mobile homes and MFD complexes with four or less units.

**In Process**

Outreach programs will:

- Ensure all residential customers are fully in compliance with SB 1383 and have arranged for recycling and organic collection services.
- Provide customers with mailers, bilingual recycling flyers, handouts and door hangers to promote and encourage recycling.
- Encourage diversion activities through a range of outreach items, including clear graphic rich labels on the bins/containers, fliers and door hangers for residents which provide information about acceptable and not acceptable items. This outreach would be bi-lingual.
- Provide customers with additional outreach in a digital format for websites, email blasts, and social media posts
- Be document and kept track of for reporting to CalRecycle



### Task 4e – Procurement

With AB 2902 being signed by the Governor, procurement requirements for rural jurisdictions is delayed until 2037. Edgar has analyzed Siskiyou Countywide procurement requirements and offers suggestions for future compliance. See relevant AB 2902 text below:

*“(9) Recognizing the continued economic and logistical challenges of organic waste recycling and procurement in rural jurisdictions, a jurisdiction in possession of a rural exemption pursuant to subdivision (c) of Section 18984.12 of Title 14 of the California Code of Regulations, as that section read on January 1, 2024, shall remain exempt from complying with the organic waste collection services requirements specified in Article 3 (commencing with Section 18984) of, and the procurement requirements specified in Article 12 (commencing with Section 18993.1) of, Chapter 12 of Division 7 of Title 14 of the California Code of Regulations until January 1, 2037. The department shall adopt regulations to establish a process to renew the exemptions after that date for periods of up to five years.”*

Edgar will recommend policy updates to each jurisdiction that could start as late as 2037, including updates to existing Environmental Preferred Purchasing Policies to ensure SB 1383 compliance, and will assist with the development of recordkeeping and reporting process, including annual checklist and guidance document. Edgar collaborates with its partner, California Compost Solutions, powered by Agromin to procure SB 1383 compliant compost products. Agromin’s premium soils, composts and mulches are created from recycled organic matter and carefully enhanced by science to sustainably renew our planet. They are naturally rich and ready for use in farms, landscapes, and gardens. The following organic products procurement target amounts are based upon population of the jurisdiction and are summarized below in the chart. Please note that these targets will be slightly adjusted based on new population targets for 2037.

**Siskiyou JPA Procurement Tons Required for 2037 and Beyond**

Jurisdiction	Waiver	Effective date	Population	Compost Tons (100% Required in 2037)
Siskiyou County	Low Population & Rural	1/19/2023	24,212	1,124
City of Dorris	Rural	4/7/2022	991	46
City of Dunsmuir	Rural	4/7/2022	1,648	77
City of Etna	Rural	4/7/2022	743	35
City of Fort Jones	Rural	4/7/2022	670	32
City of Montague	Rural	4/7/2022	1,353	63
City of Mount Shasta	Rural	4/7/2022	3,408	159
City of Tulelake	Rural	4/7/2022	902	42
City of Weed	Rural	4/7/2022	2,657	124
City of Yreka	Rural	4/7/2022	7,746	360
<b>Total</b>			<b>44,330</b>	<b>2,057</b>



Scan the QR Code to Visit our Website!



Closing the Gaps Between  
Supply, Demand & SB-1383  
Compliance

Brokering Services

**Assessment**  
1

Every jurisdiction has its own variables to consider when designing SB 1383 solutions. California Compost helps you assess your specific needs and tailors a custom compost and mulch procurement plan for compliance.

Principle factors we will assess for your jurisdiction:

- Present recycling and reclamation protocols
- Population factors and geographical footprint
- Breakdown of incorporated parks, greenbelts, playing fields, medians, school grounds, etc
- Compost and mulch application review for maximum water savings
- Infrastructure readiness



**Jurisdictional Analysis**

Qualified Products



California  
Compost™

Powered by



**AGROMIN**  
Think organic. Heal the planet.™





## Task 5 – Organic Collection Processing Programs Evaluation

Edgar & Associates is uniquely prepared to assist Siskiyou County in meeting the SB 1383 objectives. Our tasks include developing and implementing new programs related to SB 1383, ramping up to start collection in 2037; including but not limited to, residential curbside green waste collection programs, source-separated commercial food waste programs, and other organic materials as identified through discussions with Siskiyou County and the cities:

- Completing the required capacity and infrastructure assessment of organic waste.
- Keep green waste in-County with carbon farming plans with local ranchers.
- Identify any opportunity for in-County food waste to anaerobic digestion facilities at local wastewater treatment plants.
- If not local capacity, identifying export commercial organics capacity opportunities regionally, including an evaluation of their permit readiness, cost, and feedstock requirements.
- Explore compost and mulch may be backhauled from facilities to fulfill procurement requirements.
- Establishing a procurement plan for each city for organic waste products made from local organics collection, measuring procurement requirements for Siskiyou County and the positive environmental impacts of the use.

CalRecycle has expectations that starting January 1, 2037, most all rural jurisdictions have a co-collected residential green waste and food waste program. When co-collection happens, existing compost operations may not have the ability to process this co-collected residential stream since carbon farming operations are not permitted to accept food waste. Therefore, we seek to file an exemption for the collection of residential food waste after 2037, to keep green waste clean for local carbon farming projects and focus just on commercial organics and drop off residential food waste, at community compost operations.

### Task 5a – Organic Collection and Processing

Edgar looks forward to meeting with Siskiyou County to discuss all necessary updates and clarifications of this proposed Scope of Work. The initial meetings could take place in person, as appropriate. Ahead of in-person meetings, Edgar may request additional documentation to ensure the meeting will maximize productivity. In preparation of the response, Edgar conducted extensive research and review of the existing assets available to Siskiyou County, as discussed in the sections below. The meetings will result in actionable next steps for the team, to ensure the pre-plan development is comprehensive and accurate.



Edgar Associates has been intimately involved with all revisions and updates to SB 1383 regulations and Title 14 State minimum standards for compostable materials handling with a focus on contamination issues at the point of generation, processing, and market specification. We have represented haulers and franchise collectors in developing curbside organic education, auditing, and collection programs to limit contamination when designing and adding food waste to collection streams. With multiple haulers in the County, there needs to be a common message on the types of organic waste that can be collected. This harmonized program will be necessary for the facility to meet the processing capacities, residual limitations, and market expectations of the compost product (CDFA/OMRI organic certified, and USCC STA certified). It is highly likely that franchise agreements and contracts managed by the County and the cities will need to be modified to accommodate SB 1383 requirements.

Edgar has completed dozens of comprehensive SB 1383 Feasibility Study prepared on behalf of franchise haulers and several jurisdictions and rural Counties. These plans provide a pathway for compliance, based on data analysis, best practices in the industry, and regulatory requirements. Edgar will audit the Electronic Annual Reports (EAR) for each jurisdiction and Siskiyou County, which will need to be updated to support the commercial organics collection requirements in the SB 1383 regulations. With SB 1383 regulations, we will address the commercial sector, where Edgar will prepare that list, based on NAICS codes and other publicly available information.

Edgar & Associates, Inc. worked with multiple haulers and several cities to create diversion plans where Siskiyou County is too vast in size for a common regional program but needs to be designed around the hubs of Mt. Shasta and Yreka. Each city and franchise agreement are unique where green waste to carbon farming is localized, and commercial food waste is transferred out to a permitted compost facility. There needs to be a common message on feedstock types and expected contamination limits, especially with the emerging trends on state-mandated compostability requirements. On behalf of the compost industry, CCC sponsored AB 1201 (Ting) regarding compostability standards for packaging and weighed in heavily on the SB 1335 regulatory process for public food service facilities. Plus, we have representation on the SB 54 Advisory Committee to include those requirements at a later date.

Edgar will visit the local transfer stations with the goal of using our experience of co-locating and permitting organic waste transfer facilities to understand fully the opportunities at these facilities, and review operations plans and procedures. At this time, it appears that Black Butte Transfer Station and the Obderlin Transfer Station could be points that commercial food waste could be delivered too and transferred to an out-of-County permitted facility in Shasta, Yolo, or Yuba counties. One transfer trailer on Monday, Wednesday and Friday could be transferred to limit holding times to under 48 hours. Green waste could be received, stored, and processed once per week at these transfer stations and hauled to an in-county agricultural compost facility to be in carbon farming.



Additionally, Edgar will virtually meet with each city and hauler separately to survey their current operations, future plans and expectations, and understand the best approach to common messaging for organics collection by 2027. Meetings will encourage open dialog, where it is our experience that there are many shared challenges faced by cities and haulers throughout the State, and where Edgar will encourage collaboration, transparency and working together in good faith. Edgar will collaborate with each party to ensure there is a clear understanding of the goals and objectives of these meetings and next steps.

Edgar is uniquely positioned to integrate the concerns of franchised haulers; the feedstock requirements of facility operators and the compliance needs for the jurisdictions. Where there may be conflict, each group will be heard and understood. Over the years, Edgar has resolved and integrated these needs into the operations plan of regional compost or anaerobic digestion facilities that have specific feedstock requirements for certain technology types. While Edgar is facility and technology driven, Edgar also represented local haulers and their communities, while understanding the cost concerns of implementation and the need to address the concerns of any potentially impacted disadvantaged community.

### **Task 5b – In-County Organic Waste Processing**

The task includes developing and determining the feasibility of new programs related to SB 1383; including but not limited to backyard composting, community composting, residential curbside organics (including food waste) collection programs, source-separated commercial food waste programs, agricultural composting and other organic materials as identified through discussions with participating jurisdictions. Edgar will explore the feasibility of establishing composting facilities, identifying suitable locations, assessing logistical considerations, and estimating costs and potential benefits.

For each possible program, concepts and recommendations will be proposed that will invite stakeholders to review and comment on the draft SB 1383 Feasibility Report., and where a final plan would be issued after review by Siskiyou County. This task will review the following issues:

- Current Green Waste Handling Facilities
- Backyard Composting
- Community Composting
- Agricultural Composting
- Commercial Food Waste Transfer

We understand the County does not currently have collection and commercial processing of food waste materials, although there may be limited green waste collection and self-haul services in some communities. Edgar will provide the County with an analysis and implementation timeline to establish programs. The evaluation will show the site location and infrastructure options for

organics processing facilities, including evaluation of existing wastewater treatment plants, evaluation, and recommendation of potential composting technologies, and will compare and analyze collection options. This will be a multiyear process with plans to open County facilities by 2037, when the waivers expire.

Edgar has decades of experience in siting and permitting compost and anaerobic digestion (AD) facilities. Based on the analysis and results, Edgar will develop cost factors to implement in County composting and AD services, such as grant funding and rate optimization. A carbon farming plan of taking processed green waste from transfer stations to an agricultural composting facility is most likely. Recommendations will consider future waste generation over the next 15 years. On behalf of clients, Edgar has applied for and been awarded over \$90 million in CalRecycle and CEC grant funding in the last few years. Edgar could additionally assist Siskiyou County in securing grant dollars under a separate scope of work such as the Healthy Soils grants from CDFA.

#### Agricultural Composting – Carbon Farming

The agricultural sector is the largest market statewide for compost use and could be explored further in Siskiyou County. With a livestock and livestock products valued at over \$23.7 million per year and nursery stock at over \$193 million per year as noted in the 2022 Siskiyou County Crop & Livestock Report, returning organics to soil for these productive industries will create healthier soils. Clean green materials as a feedstock



for composing which may be labeled “Certified Organic” would benefit the working lands of Siskiyou County. SB 1383 will enable California farmers and nurseries to attain and use organic products made from green material more easily. Recycling organic materials completes the urban-to-agriculture loop which helps growers meet sustainability commitments. From fork-to-farm, composting organics balances urban development with environmental protection. For cities surrounded by agriculture, or with pockets of agriculture, an urban-to-agriculture program is a true, sustainable solution and a great carbon farming opportunity. Agricultural waste can be combined with green waste to make a certified organic compost for use in carbon farming. Edgar & Associates’ work with carbon farming in Sacramento County is provided on the next page.

Please Print on 30% Post-Consumer Content Recycled Paper



# Sacramento Carbon Project



Agromin, headquartered in Ventura County, is a pioneer in the sustainable management of organic resources and serves California with dozens of facilities statewide. Agromin is dedicated to the enhancement of our industry, our society, and the environment through innovation at each turn of the recycling loop. Agromin has been advancing carbon farming for decades and proposes to launch the Sacramento Carbon Project in 2021 with the Van Vleck Ranch.

Each year, Agromin converts nearly 800,000 tons of recycled organic materials into rich, living compost, mulch, and other premium soil amendment products for California farmers, landscapers and gardeners. As a result, Agromin contributes to water conservation, prevention of soil depletion, reduction in greenhouse gas (GHG) emissions and a decreased need for fossil-based fertilizers and chemicals.

The agricultural sector serves as the largest market for Agromin's composted organic products. California has 30 million acres of farmland and nearly 8 million acres in harvested crops. The "Certified Organic" label, as seen on Agromin's products, has enabled California farmers to more easily attain and use organic products made from urban green material. Recycling organic materials completes the urban-to-agriculture loop which helps growers' meet sustainability commitments.

From fork-to-farm, composting organics balances urban development with environmental protection. For cities surrounded by agriculture, or with pockets of agriculture, an urban-to-agriculture program is a true, sustainable solution and a great carbon farming opportunity.

The Farm-to-Fork movement is gaining momentum each year in the Sacramento Valley. The region has been an agricultural powerhouse for more than a century, boasting a year-round growing season and an ideal climate. The Sacramento area supports 1.5 million acres of farms and ranches which grow more than 160 crops for markets both regionally and abroad. Having

healthy soil has amazing water-retention capacity.

Every **1%** increase in organic matter results in as much as **25,000** gal of available soil water per acre.

Source: Kansas State Extension Agronomy e-Updates, Number 357, July 6, 2012

**USDA** United States Department of Agriculture  
USDA is an equal opportunity provider and employer.

Want more soil secrets?  
 Check out [www.nrcs.usda.gov](http://www.nrcs.usda.gov)



been awarded significant portions of the Sacramento City and County organics recycling contracts, Agromin is establishing itself as the 'Fork-to-Farm' composter in the region and will supply organic compost back to the farmers and ranchers.

Agromin has a track record of developing and supporting carbon projects throughout California. In 2004, Agromin developed a 10-acre facility on the land of Limoneira Company to compost green materials from Ventura County. Some of material is converted into mulch which is spread throughout Limoneira orchards to curb erosion, improve water efficiency, reduce weeds, moderate soil temperatures, and sequester carbon. Another carbon-focused project is the Marin Carbon Project in Marin County. This project consists of a consortium of independent agricultural institutions that enhance carbon sequestration in rangeland, agricultural land and forest soils through applied research, demonstration and implementation throughout the state. The Sacramento Carbon Project will learn from these projects in Ventura and Marin and apply lessons and strategies to the working lands of the Van Vleck Ranch.

"Regenerative Agriculture" describes farming and grazing practices that, among other benefits, reverse climate change by rebuilding soil organic matter with the use of compost and biochar to restore degraded soil biodiversity. This process draws carbon into the soil while simultaneously improving the water cycle. Lawrence Livermore Labs released a January 2020 report, "Getting to Neutral – Options for Negative Carbon Emissions in California," which featured natural climate solutions in which compost and biochar are used to sequester carbon into soils leading to carbon neutrality by 2045. These programs are noted as the most cost-effective climate solutions at a cost of only \$11 per metric ton of carbon dioxide. By contrast, the California Air Resources Board (CARB) regulatory offset price is about \$17 per metric ton. Natural

climate solutions are estimated to result in negative emissions of 21.6 million metric tons of CO2 per year which will be needed in order to get to carbon neutral by in 2045.

The Climate Action Reserve develops voluntary GHG offsets and is working on a Soil Enrichment Protocol which will provide a strong basis for the CARB's regulatory protocol. CARB prepared a discussion paper in September 2019 for soil organic carbon accrual on non-forest lands. Validating and monetizing carbon negative emissions is needed to provide incentives for the use of compost at agricultural sites.

Compost production and use is now viewed as contributing to carbon neutrality in CARB's Natural and Working Lands program policy documents. The January 2019 Draft California 2030 Natural and Working Lands Climate Change Implementation Plan looks to double down on compost and mulch use by adding 31,000 to 62,000 acres each year through 2030. Additionally, the plan is to increase mulching on cropland at a rate of 10,400 to 20,800 acres per year. According to new research, soil could act as a significant carbon sink, holding up to three times as much carbon as is found in the atmosphere. Dirt can save the Earth and make the planet more resilient, provided that increasing quantities of recycled organics (such as compost, mulch, and biochar) are reintroduced to the world's soils each year.

**Sources**

- [Increasing Soil Organic Matter with Compost](#)
- [January 2019 Draft California 2030 Natural and Working Lands Climate Change Implementation Plan](#)
- [Draft Soil Enrichment Protocol Version 1.0](#)
- [Getting to Neutral - Negative Carbon Emissions in CA](#)
- [Making a Commitment to Combat Climate Change](#)

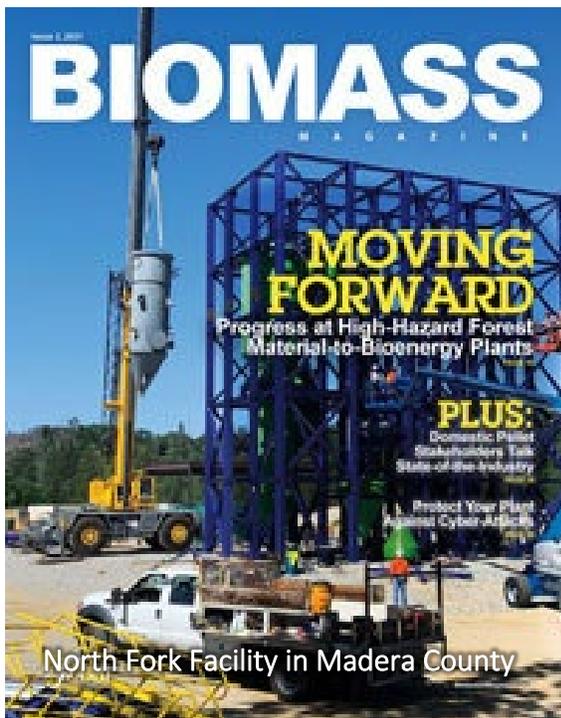
**REGENERATIVE AGRICULTURE**



## Biomass Conversion Facilities

SB 1383 could divert new tons of urban wood waste from landfilling and forest waste. Those wood chips from the urban sector plus the forest and agricultural biomass in Siskiyou County could be utilized for biomass energy. Biomass gasification technology has moved beyond just forestry and is now located on both agricultural and industrial lands adjacent to energy and/or heat demand such as at recycling facilities and compost facilities. Clean woodchips, or in some cases compressed wood cubes, are heated at very high temperature in an oxygen deprived environment (gasified) to produce syngas and biochar. Syngas is then used to generate renewable energy where biochar can be used in a range of applications, from soil amendments to water filtration. Edgar & Associates has exceptional experience permitting biomass gasification units, which are becoming increasingly important to California’s ability to meet the growing demands of forestry management and organics diversion. Edgar will discuss the feasibility of siting and permitting a biomass conversion facility that can accept both urban and forestry woody waste.

Edgar & Associates has permitted biomass gasification plants in Calaveras County for 3 MW, Madera County for 2 MW, and have entitled more than 20MW of biomass conversion facilities throughout California in 12 different locations. Edgar would reach out to the Siskiyou Climate Collaborative (SCC) which is working to help a broad community network pursue planning and funding opportunities to site and permit a biomass conversion facility. The Collaborative unites partners from natural resources, agriculture, outdoor recreation, workforce, and tribal expertise. Collaborative stakeholders are committed to inclusive and equitable planning to seek solutions for Siskiyou County’s diverse working landscape.



- Siskiyou Economic Development Council
- Shasta Valley Resource Conservation District
- UC Cooperative Extension, Siskiyou
- Siskiyou County SMART Workforce Center
- Siskiyou Outdoor Recreation Alliance
- Karuk Tribe Department of Natural Resources

### Task 5c – Collection and Processing

Task 2c will analyze collection services that would start in 2037, where in-County carbon farming facilities could be permitted and operational before then and build upon:

- Evaluate and make recommendations to franchise hauler agreements for the smaller cities.
- Anticipate a range of cost increases for in-County facilities compared to export costs and suggest any possible rate increases.
- Start organic waste collection by 2037 for all cities and haul to in-County facilities.

### Task 5d – Conduct In-Person Final Report presentation

Edgar and staff will travel to Siskiyou County for an in-person presentation to report on findings and progress. Staff will present on the status of all budget tasks.

## Phase 2 | Task 6 – Implementation

### Task 6a - Permitting Carbon Farming Projects

Agricultural composters have a regenerative history of developing and supporting carbon projects throughout California. A typical facility on 10 acres of land could compost green materials and spread on rangelands and irrigated crops to curb erosion, improve water efficiency, reduce weeds, moderate soil temperatures, and sequester carbon. This is called carbon farming. A noted carbon-focused project is the Sacramento Carbon Project at the Van



Vleck Ranch in Sacramento County (as previously highlighted on the next few pages). This type of project consists of a consortium of independent agricultural institutions that enhance carbon sequestration in rangeland, agricultural land and forest soils through applied research, demonstration, and implementation throughout the state.

The facility operations cannot exceed 12,500 cubic yards, and could average 40 tons per day, or peak at 100 tons per day, where the compost is used on site and there are only incidental commercial compost sales. An Enforcement Agency Notification Teir is needed to permit this type of facility and can take 30 days with proper zoning. Water Board compliance has been streamlined

for under 25,000 cubic yards. Air Permits may be needed for dust control. An Odor Impact Minimization Plan must be filed with the County.

“Regenerative Agriculture” describes farming and grazing practices that, among other benefits, reverse climate change by rebuilding soil organic matter with the use of compost and biochar to restore degraded soil biodiversity. This process draws carbon into the soil while simultaneously improving the water cycle. Lawrence Livermore Labs released a January 2020 report, “Getting to Neutral – Options for Negative Carbon Emissions in California,” which featured natural climate solutions in which compost and biochar are used to sequester carbon into soils leading to carbon neutrality by 2045. These programs are noted as the most cost-effective climate solutions at a cost of only \$11 per metric ton of carbon dioxide. By contrast, the California Air Resources Board (CARB) regulatory offset price has a floor price of about \$17 per metric ton. Natural climate solutions are estimated to result in negative emissions of 21.6 million metric tons of CO<sub>2</sub> per year which will be needed in order to get to carbon neutral by 2045.

The Climate Action Reserve develops voluntary GHG offsets and is working on a Soil Enrichment Protocol which will provide a strong basis for the CARB’s regulatory protocol. CARB prepared a discussion paper in September 2019 for soil organic carbon accrual on non-forest lands. Validating and monetizing carbon negative emissions is needed to provide incentives for the use of compost at agricultural sites. CDFA has issued \$11 million in Healthy Soils grant for farmers and ranchers to use compost valued at \$60/ton to compost on 60 acres for 3 years.

# In Process

## Task 6b – Edible Food Recovery Implementation

We will work with each jurisdiction to fully define their expectations, the goal and objectives of the program long-term, and their definitions of success beyond these regulatory requirements. In our experience, jurisdictions recognize how important a collaborative solution to regional food



recovery results in measurable success for a community across health, economic, social and environmental metrics.

Importantly, our team will conduct the following tasks described below that will define a regionally tailored program for Edible Food Recovery.

Develop Monitoring, Reporting, Recordkeeping and Compliance Programs

The team will provide a model, utilizing existing local infrastructure and advising on the most efficient way to close any identified gaps, which will effectively monitor, aggregate reporting infrastructure, contracts between generators and non-profits, donation programs and track all required outreach to ensure full compliance with SB 1383. This could include utilizing technology software, partnering with local entities (Waste Haulers, County Public Health, or others), that will result in a long-standing program that transparently provides information to the jurisdictions. This program will also outline additional requirements which could be considered, for example program effectiveness metrics, food safety tracking and other informational items which could be used to measure program results from funding, should the County move forward with a funding program.

Develop Outreach and Education Plan

Abound Food Care has been passionate in explaining over the years that there is a difference between conducting outreach and conducting effective outreach. This is especially true when conducting outreach to the food industry with its vast diversity in size, scope and cultural makeup of the various segments. From processors and manufacturers to distributors to retail grocery and a rapidly evolving food service landscape all of which have a presence in Siskiyou County, effective outreach requires the depth of knowledge and understanding of these segments that only comes with the extensive experience Abound Food Care’s Outreach team possesses.

In Process



To further illustrate, our staff of foodservice experienced outreach associates understand the nuances associated with reaching out to operators. They understand that dropping off an outreach document with a high school aged staff member may check off a box but the likelihood of a decision maker (GM, Owner or corporate officer) receiving that piece and acting on it is slim at best. Foodservice operators require multiple touchpoints and ultimately a peer-to-peer outreach component to secure real participation. Our staff understands and has the ability to reach out to decision makers in multiple ways using multiple tools some of which

have been identified by CalRecycle with our input and some identified by the county but most developed by Abound Food Care and our food industry partners.



The team will develop an annual outreach program, which will include multilingual outreach and education materials and a detailed plan to provide comprehensive outreach and education efforts for participating cities' Tier 1 and Tier 2 edible food waste generators and stakeholder groups using tools available through CalRecycle, the County and those developed through our previous outreach campaigns.



### Strategic Plan for Edible Food Recovery

The results of the Capacity Assessments and Program Recommendations will be summarized in a Strategic Plan for Siskiyou County. We will provide a detail analysis highlighting outreach efforts that were conducted, the surveys and assessments that were performed, the food recovery needs and operations of participating cities' Tier 1 and Tier 2 waste generators, the food recovery needs and operations of food recovery organizations in and around Siskiyou County. Based on our experience and expertise, Abound will provide analysis and a strategic plan complete with best use of funds needed to cover capacity gaps, methods to encourage collaborative participation and recommendations on the necessary steps that participating cities should consider to ensure SB 1383 compliance. This will further discuss funding requirements and opportunities. Our work in other regions of the State is being lauded by CalRecycle as the suggested model framework for jurisdictions to meet the intentions of edible food recovery regulations under SB 1383.

### Develop and Advise on Policies, Funding, Contracts, Ordinances

The Edgar and Abound team are leading the discussion on funding strategies for edible food recovery, developing guidance that is being distributed through the State via the Edible Food Recovery Technical Committee. This guidance document has been included on our website available at this address, (<https://edgarinc.org/related-projects-for-sb-1383-organic-regional-compliance-services/>) or via the QR Code on page 6, for reference to this proposal. We will bring our knowledge and expertise to Siskiyou County to provide guidance for potential funding sources for the edible food recovery program that are compliant with Proposition 218 requirements for rate setting. Of primary concern is transparency, equity and maximizing efficiency of funding, which will be guided by the information gathered through Compliance and Capacity Assessments. Additionally, using best practices across the edible food recovery sector a user-friendly contract

would be developed that could be utilized across the region between generators and food recovery agencies.

Building on the ordinance development described in Task 1e, we will provide recommendations for language that will capture the requirements for Tier 1 and 2 generators including, contracts, recordkeeping and reporting requirements of SB 1383. This will include a discussion of potential penalties that could be assessed by jurisdictions against non-compliance generators to ensure full compliance with SB 1383.



The County could consider contracting a third-party service to monitor compliance with generators, where our team would assist with all elements of this to include looking for options within existing programs such as County Public Health, waste hauling services, or other scoping services for a third-party contractor and aiding with soliciting bids for this compliance activity locally.

**In Process**

These specific elements would be used to inform the Edible Food Recovery Program final report and next steps for the region.

**Task 6c – Edible Food Recovery Findings and In-Person Presentation**

Edgar and Abound staff will travel to Siskiyou County for an in-person presentation to report on findings and progress of implementation of edible food recovery. Staff will present on the status of all budget tasks relating to edible food recovery.



## Task 7 – Electronic Annual Reporting

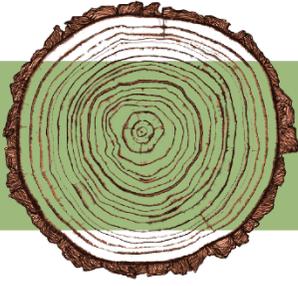
Edgar will assist Siskiyou County with CalRecycle’s Electronic Annual Reporting (EAR). The EAR helps jurisdictions reduce the time and effort needed to complete their legally required annual self-evaluation of solid waste diversion performance. Edgar has been supporting rural jurisdictions with meeting these requirements, including the City of Ferndale, Trinidad, and Delano. Edgar will coordinate with jurisdictions, haulers, and key stakeholders to provide all necessary information to CalRecycle through their WebPass platform in a timely manner. With a vast understanding of SB 1383 regulations and what is necessary to be reported on for rural jurisdictions with rural waivers, Edgar will complete reporting efficiently with all requirements met. Edgar & Associates can perform the work for a cost not to exceed **\$12,750 for one year**.

## Task 8 – Grant Management

Edgar is intimately familiar with CalRecycle’s Grant management process, as our team has won and managed 18 CalRecycle grants valued close to \$90 million. Although CalRecycle’s grant management system (GMS) is straightforward, grant management requires regular attention and quarterly reporting. Our team is well-acquainted with the various forms CalRecycle issues for these programs, and we can adeptly navigate their process while accommodating the needs of the actual project. We propose that you use Edgar & Associates to navigate the reporting process, final report writing, and management of the reimbursement processes and other paperwork when needed. Local assistance grants will be managed together for Siskiyou County under the existing grant account. Our team will contact your team to get updates regularly and provide guidance in the administration of both the project itself and the grant. For the complete grant management of Siskiyou’s local assistance grant, Edgar & Associates can perform the work for a cost not to exceed **\$10,000 per year**.

## Phase 3 | Task 9 – Program & Infrastructure Development (Optional)

Task 9 – Edgar is poised and ready to assist Siskiyou County with spending over \$500,000 of the remaining Local Assistance Grant funds. The Edgar team will suggest to the County on how to successfully execute spending for SB 1383 program & infrastructure development prior to the grant term deadline on April 1, 2026. Funds that are unspent at the end of the grant term must be returned by check to CalRecycle by May 16, 2025. Unspent funds due to CalRecycle but left unpaid may result in ineligibility for future grant and payment program funding.



## 5.0 References

Edgar & Associates looks forward to bringing our unique skills to Siskiyou County, and we will work collaboratively with the region to find the best solutions for SB 1383 Compliance. This includes leveraging our strong relationships with industry members, vendors, and the State to ensure Siskiyou County has the best possible compliance options for SB 1383.

### 5.1 Business References

**Kevin Miller** | Materials Diversion Administrator (Recycling Manager)

City of Napa | Utilities Department – 1700 2nd Street, Suite 100 | Napa, CA 94559

Mailing Address | P.O. Box 660 | Napa, CA 94559-0660

O 707.257.9291 | D 707.257.9522 | [kmiller@cityofnapa.org](mailto:kmiller@cityofnapa.org)

**Roman Dowling, PE** Public Works Director

1015 Eleventh Avenue, Delano, CA 93216

O 661-720-2219 | D 661-721-2135 | [rdowling@cityofdelano.org](mailto:rdowling@cityofdelano.org)

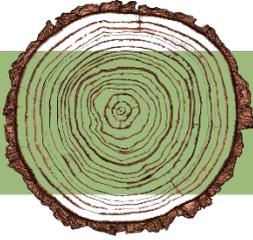
**Robin Praszker** | Environmental Project Manager

Community Services Department | City of Eureka

531 K Street, Eureka, CA 95501

O (818) 238-3900 | [rpraszker@eureka.gov](mailto:rpraszker@eureka.gov)





## 6.0 Price Proposal

Edgar & Associates anticipates that the cost for the initial phase will not exceed **\$157,705** based upon the Work Plan and the Scope of Services. Edgar bills on a time and materials basis according to our Standard Rate Schedule, and not a lump sum for the tasks. We are deploying resources to complete each task, where we are flexible to adjust, move and shuffle resources as the SB 1383 Feasibility Study evolves and needs change, and the Implementation budget can be negotiated to meet the needs of the JPA.

The cost proposal is provided in the tables below identifies the key project team members proposed for each task and subtask, the number of hours for management, drafting, support personnel hours, sub-consultants and costs envisioned for each task. These costs are presented in a way that tasks and their associated costs are easily recognizable so jurisdictions may pick and choose what services they wish to have provided as a menu approach, but with allowance to shift resources to higher priority task as needed.

The initial term shall be for a six-month period from the effective date of the agreement to match the term of the CalRecycle grant. This agreement may be renewed after the initial agreement period, at the discretion and approval of the JPA.

In Process

### Edgar & Associates Rate Schedule

Effective January 1, 2024, to April 1, 2026

Edgar & Associates Staff	2024 Rates
Principal, Principal Engineer	\$295
Chief Engineer	\$250
Senior Project Manager	\$235
Sustainability Manager	\$225
Assistant Engineer	\$170
Resource Economist	\$170
Sustainability Associate	\$170
Project Specialist	\$170
Sustainability Assistant	\$110
Research Specialist	\$110
Research Assistant	\$100
Support Staff	\$100



**Abound Food Care Rate Schedule**  
**Effective January 1, 2024, to April 1, 2026**

Abound Staff	2024 Rates
Project Manager	\$160
Director of Operations	\$180
CEO	\$240
Senior Executive	\$160
Outreach Team Members (Multiple)	\$120

**6.1 Proposed Budget**

**Phase 1**

Task 1 – Conduct Kick-Off Meetings	Key Staff	Hours	Estimated Cost	Subtotal/Total
Conduct in-person meeting and presentation	Evan Edgar	24	\$7,080	
	Julie Arenz	24	\$4,080	
Travel Expenses (Mileage and Hotel)			\$500	
Subtotal				\$11,660

Task 2 – Monthly Status Reports	Key Staff	Hours	Estimated Cost	Subtotal/Total
Provide digital monthly status reports to the County for 6 months of the contract	Evan Edgar	24	\$7,080	
	Julie Arenz	48	\$8,160	
Subtotal				\$8,160

Task 3 – Edible Food Recovery Compliance Study	Key Staff	Hours	Estimated Cost	Subtotal/Total
Task 3a - Review of Current Edible Food Recovery Landscape to Identify Gaps	Mike Learakos	14	\$3,360	
	Monica White	10	\$2,250	
	Julie Arenz	26	\$4,420	
	Lisa Coelho	31	\$4,960	
Task 3b – 1383 Compliance and Capacity Plan	Mike Learakos	10	\$2,400	
	Monica White	10	\$2,250	
	Julie Arenz	30	\$5,100	
	Lisa Coelho	40	\$6,400	
	Outreach Team	100	\$11,000	
Task 3c – In-County interviews and Audits Travel Expenses	Mike Learakos	24	\$5,760	
			\$500	
Subtotal				\$48,400

Task 4 – SB 1383 Strategies & Options				
Task 4 – SB 1383 Strategies & Options	Key Staff	Hours	Estimated Cost	Subtotal/Total
Task 4a – SB 1383 Targeted Tonnage Analysis	Evan Edgar	2	\$590	\$930
	Grant Readle	2	\$340	
Task 4b – Ordinance/Franchise Review	Evan Edgar	30	\$8,850	\$16,330
	Julie Arenz	8	\$1,360	
	Grant Readle	36	\$6,120	
Task 4c – SB 1383 Requirements	Evan Edgar	35	\$10,325	\$15,085
	Julie Arenz	20	\$3,400	
	Grant Readle	8	\$1,360	
Task 4d - Education & Outreach Materials	Julie Arenz	40	\$6,800	\$10,200
	Support Staff	20	\$3,400	
Task 4e - Procurement	Evan Edgar	2	\$590	\$1,060
	Neil Edgar	2	\$470	
Subtotal				\$43,605

Task 5 – Organic Collection Processing Programs Evaluation				
Task 5a – Organic Collection and Processing	Evan Edgar	30	\$8,850	\$12,250
	Julie Arenz	10	\$1,700	
	Grant Readle	10	\$1,700	
Task 5b – In-County Organic Waste Processing	Evan Edgar	20	\$5,900	\$9,950
	Neil Edgar	10	\$2,350	
	Omar Al-Shafie	10	\$1,700	
Task 5c – Collection and Processing	Evan Edgar	20	\$5,900	\$9,950
	Neil Edgar	10	\$2,350	
	Omar Al-Shafie	10	\$1,700	
Task 5d – Conduct In-Person Final Report presentation	Evan Edgar	24	\$7,080	\$11,660
	Julie Arenz	24	\$4,080	
Travel Expenses (Mileage and Hotel)			\$500	
Subtotal				\$43,810

**Optional Phase 2 (Optional)**

Task 6 – Implementation	Key Staff	Hours	Estimated Cost	Subtotal/Total
Task 6a - Permitting Carbon Farming Projects	Evan Edgar	42	\$12,390	\$22,920
	Neil Edgar	26	\$6,110	
	Omar Al-Shafie	26	\$4,420	
Task 6b – Edible Food Recovery Implementation	Mike Learakos	20	\$4,800	\$29,960
	Monica White	20	\$4,500	
	Julie Arenz	25	\$4,250	
	Lisa Coelho	40	\$6,400	
	Outreach Team	91	\$10,010	
Task 6c – Edible Food Recovery Findings and In-Person Presentation	Mike Learakos	24	\$5,760	\$10,340
	Julie Arenz	24	\$4,080	
Travel Expenses			\$500	
<b>Subtotal</b>				<b>\$52,880</b>

Task 7 – Electronic Annual Reporting	Key Staff	Hours	Estimated Cost	Subtotal/Total
Annual EAR Reporting for One Year	Julie Arenz	75	\$12,750	\$12,750

Task 8 – Grant Management	Key Staff	Hours	Estimated Cost	Subtotal/Total
Grant Management for Two Years	Grant Readle	80	\$13,600	\$13,600

**6.2 Budget Summary**

Phase 1: Feasibility Study	
Task 1 – Conduct Kick-Off Meetings	\$11,660
Task 2 – Monthly Status Reports	\$8,160
Task 3 – Edible Food Recovery Compliance Study	\$46,230
Task 4 – SB 1383 Strategies & Options	\$47,845
Task 5 – Organic Collection Processing Programs Evaluation	\$43,810
<b>Total</b>	<b>\$157,705</b>

Phase 2: Implementation (Optional)	
Task 6 – Implementation	\$52,880
Task 7 – Electronic Annual Reporting	\$12,750
Task 8 – Grant Management	\$13,600
<b>Total</b>	<b>\$79,230</b>
<b>Grand Total for Feasibility Study and Implementation</b>	<b>\$236,935</b>

Phase 3: Program & Infrastructure Development (Optional)	
Task 9 – Edgar is poised and ready to assist Siskiyou County with spending over \$500,000 of the remaining Local Assistance Grant funds. The Edgar team will suggest to the County on how to successfully execute spending for SB 1383 program & infrastructure development prior to the grant term deadline on April 1, 2026.	