

DEL NORTE COUNTY SOLID WASTE TASK FORCE

Meeting Agenda

Thursday, September 03, 2020, 3:00 - 5:00 PM
Online via Zoom

ITEMS FOR DISCUSSION:

1. Call to order.
2. Public comment. Any member of the public is welcome to discuss any subject relating to solid waste issues in Del Norte County. Public comment is limited to three (3) minutes.
3. Discussion and possible action regarding minutes from the 05 December 2019 meeting of the Del Norte Solid Waste Task Force. **
4. Discussion and possible action regarding status report from Jeremy Herber of Recology Del Norte regarding changes and challenges regarding collections and recycling services during the past year, and the potential for drop-off and/or processing higher grade recyclables in Del Norte.
5. Discussion and possible action regarding a status report from Joel Wallen of Hambro WSG regarding transfer station operations and Hambro Recycling's application for a Pilot Project grant to provide additional redemption opportunities in Del Norte.
6. Discussion and possible action regarding a status report from Craig Strong regarding his proposed dog waste collection pilot project at Point Saint George. **
7. Discussion and possible action regarding the resignation of Task Force member Eileen Cooper and associated letter of recognition. **
8. Discussion and possible action regarding the potential for informative murals on transfer station perimeter walls.
9. Discussion and possible action regarding initial stages of planning for SB 1383 compliance in Del Norte. **
10. Discussion regarding Director Ward's appointment to the California Statewide Commission on Recycling Markets and Curbside Recycling. **
11. Discussion and possible action regarding a status report from Kyra Seymour regarding activities associated with the HD 33 grant.
12. Adjournment. Discuss potential dates and times for the next meeting. Adjourn to the next meeting online via Zoom.

** indicates attachments

Del Norte Solid Waste Task Force Minutes

Thursday December 12th, 2019

Present: Jeremy Herber - Recology Del Norte, Secretary
Craig Strong, Chair
Stephen Gibbs
Joel Wallen - Hambro/WSG

Absent: Eileen Cooper

Also Present: Tedd Ward, Authority Director
Kyra Seymour, Facilities and Programs Coordinator

1. Chair Strong called the meeting to order at 2:08 PM
2. Chair Strong called for public comments. Seeing none, Chair Strong closed public comment.
3. Chair Strong asked for a motion to approve previous minutes, Jeremy Herber made the motion and Joel Wallen seconded. The Minutes of the December 5th, 2019 were unanimously approved by all in attendance.
4. The Task Force reviewed comments and corrections from task members and made final adjustment to draft comments on the Five Year Review.
5. A motion was made by Jeremy Herber to sign the final draft and Joel Wallen seconded. Final draft was signed and submitted by Director Ward.
6. By consensus, the next meeting was set for March 26th, 2020.
7. Adjournment. At 3:03 PM, Chair Strong adjourned to the next meeting of the Del Norte Solid Waste Task Force on March 26th, 2020 at the DNSWMA conference room at 1700 State Street, Crescent City.

Respectfully submitted,

Jeremy Herber, Secretary
Del Norte Solid Waste Task Force

Dog Waste Cleanup Pilot Proposal for Point Saint George Heritage Area

By Craig Strong and Martine Van Buuren. (707) 954 3500 strongcraig1@gmail.com 16 March 2020

We are Del Norte County residents and dog owners who see a need to contain and remove dog waste from Point St. George Heritage Area. Dog doo on trails, on native cultural sites, and on the beaches is an obvious degradation of this very beautiful county asset and visitor attraction. We propose to install dog waste bag dispensers at 3 access trail locations: Two at 'Garth's Beach' access trails and one at Point St. George parking area (see figures). All locations have existing garbage and recycle receptacles that are serviced by Recology Del Norte 4 times per week. We have secured permission for this additional waste from Recology general manager Jeremy Herber.

We recognize that there are many stakeholders and different ownership responsibilities at Point Saint George. At this point we have been in communication with the Tolowa De nii nation, California Dept. of Fish and Wildlife, the Coastal Commission, Del Norte Roads Dept., Del Norte Planning Dept., and Tolowa Dunes Stewards regarding this proposal. We are working with these entities to include dog waste containment as a feature of long term planning for the area, however, there is an immediate and ongoing need to take care of the lands and beaches while allowing dogs in the area. This proposal is to request permission to install waste bag dispensers as a temporary and pilot project. The advantages of a pilot project are to see if the public will be responsible for disposing of their pet waste correctly (using the bags and placing them in the trash receptacle), and seeing if vandalism is a problem at these locations. This pilot project can then inform the feasibility of including this service in the larger facilities development of the area, as is being developed by the tribes, Tolowa Dunes Stewards, and local and regulatory agencies. Materials cost is projected to be less than \$1,000 as outlined in the following budget:

BUDGET*

<u>Item</u>	<u>Unit cost</u>	<u>Quantity</u>	<u>Requested amount</u>
Height-adjustable 2" steel posts	60	3	180.00
Post installation hardware	20	3	60.00
800 bag "one-pull" bag packages (4 pack, 3200 bags each)	100	2	200.00
Bag dispenser units	60	3	180.00
Estimated tax (free shipping)			46.50
TOTAL			666.50

* Amounts based on dogwastedepot.com prices

The above budget estimate assumes that posts can be secured to existing guardrails at trail entrances. Installing stand alone posts would increase costs and trigger much more regulatory involvement.

Labor for installation and maintenance will be volunteered by ourselves and the local Surfriders Foundation members (with consultation from county planning and parks and recreation). Funding for materials is being sought from small grants programs. We are contacting you as a stakeholder in the area to seek your recommendation and support for this project.

We have unofficial support from the county planning department and from Recology Del Norte, the garbage pickup service. We look forward to your support for this project, questions, or to schedule a site visit.



Figure 1. Garth's Beach access East with a mock up of sign / bag dispenser location



Figure 1. Garth's Beach access West with a mock up of sign / bag dispenser location



Figure 3. Point Saint George with a mock up of sign / bag dispenser location

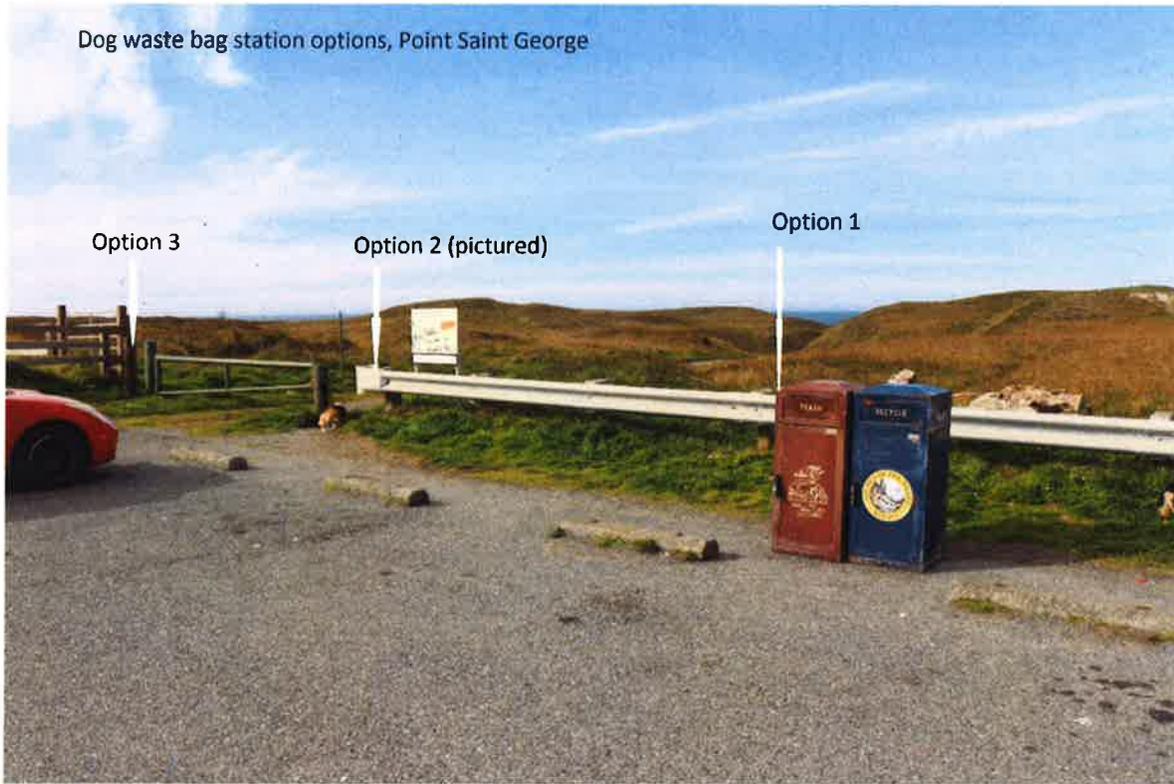


Figure 4. Alternate dog bag station locations at Point Saint George.

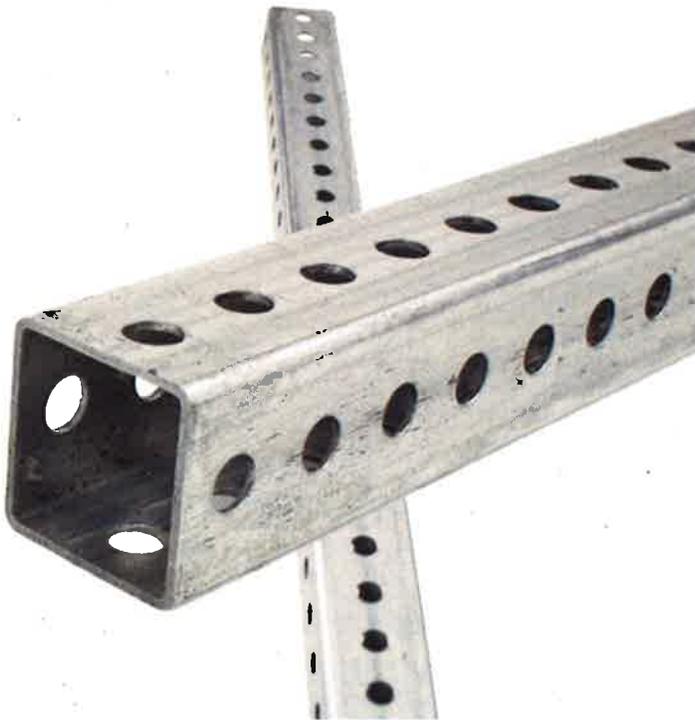


Figure 5. 2 inch galvanized waste bag support post to be secured to existing guardrails with 7" lag bolts. Hardwood shims will be used as needed for vertical alignment.



Del Norte Solid Waste Task Force

c/o Del Norte Solid Waste Management Authority
1700 State Street, Crescent City, CA 95531
Phone (707) 465-1100 Fax (707) 465-1300
www.recycledelnorte.ca.gov

03 September 2020

Dear Eileen Cooper,

It has been an honor to have your presence and contributions to the Del Norte Solid Waste Task Force. We have all benefitted from your comments, perspective, and enthusiasm for recycling and re-use.

Beyond your service to the Del Norte Solid Waste Task Force since 209, we thank you for your fearless and effective activism supporting the Del Norte Solid Waste Management Authority and in all matters environmental. We applaud their awarding you a Green Ribbon award in 2017 for your efforts eradicating invasive species and Resolution 2020-02 in recognition of your years of activism. This letter was unanimously approved in appreciation for your public service.

You are a hero for wildlife and among humans.

Sincerely,

Craig Strong, Chair

Tedd Ward,

DNSWMA Director

Jeremy Herber, Secretary

Kyra Seymour,

Joel Wallen

DNSWMA Programs Coordinator

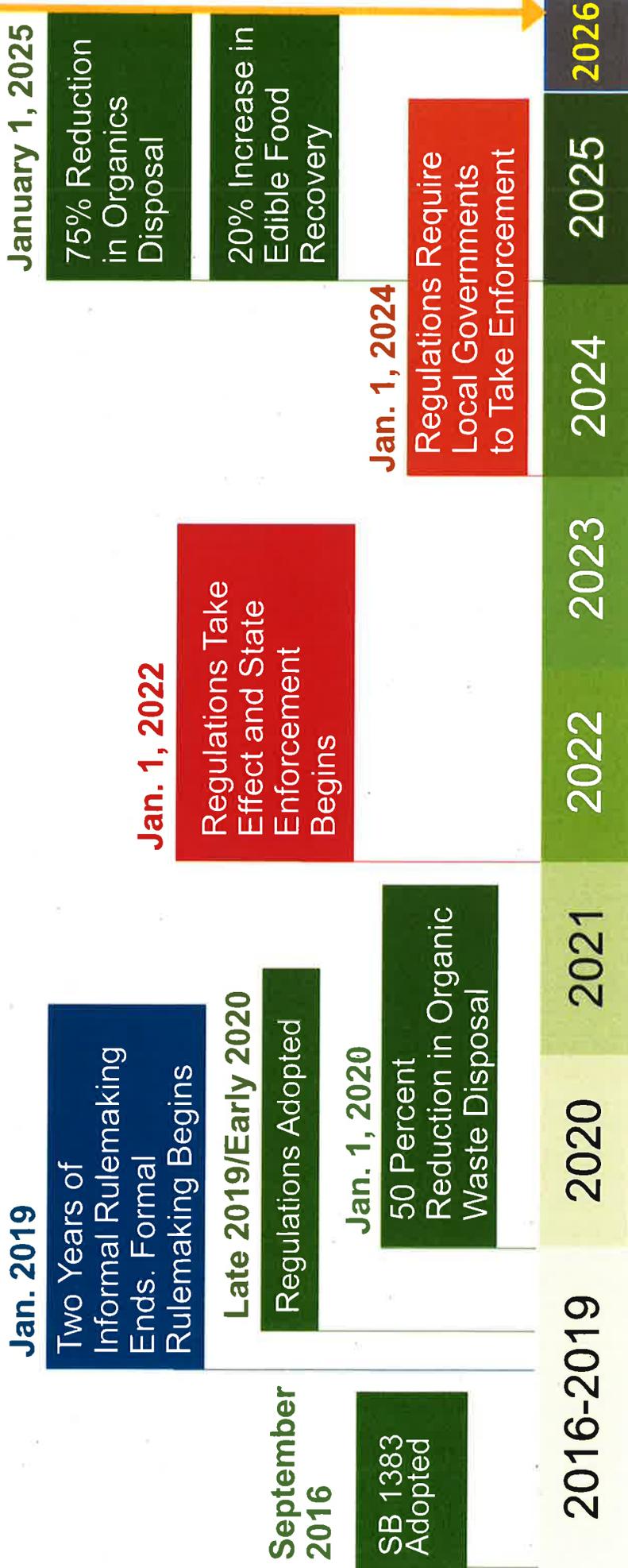
Stephen Gibbs

7



SB 1383 Key Implementation Dates

Rural Organic Collections
Exemption Expires
Dec 31, 2026



SB 1383 Key Jurisdiction Dates - Rural

2022



Establish Edible Food Recovery Program



Conduct Education and Outreach



Initial Report April 2022
First Annual Report Oct 2022

2024



Starting January 1, 2024 Jurisdictions must take action against non complaint entities



Organic Waste Recycling Capacity Planning



Provide Organics Collection Service to All Residents and Businesses > **Dec 2026**



Procurement by 2027

Jurisdiction Responsibilities - Rural

Secure Access to Edible Food Recovery Capacity by 2022, and Organics Recycling Capacity by 2024

Conduct Education and Outreach to Community

Provide Organics Collection Services to All Residents and Businesses by the end of 2026



Establish Edible Food Recovery Program

Procure Recyclable and Recovered Organic Products

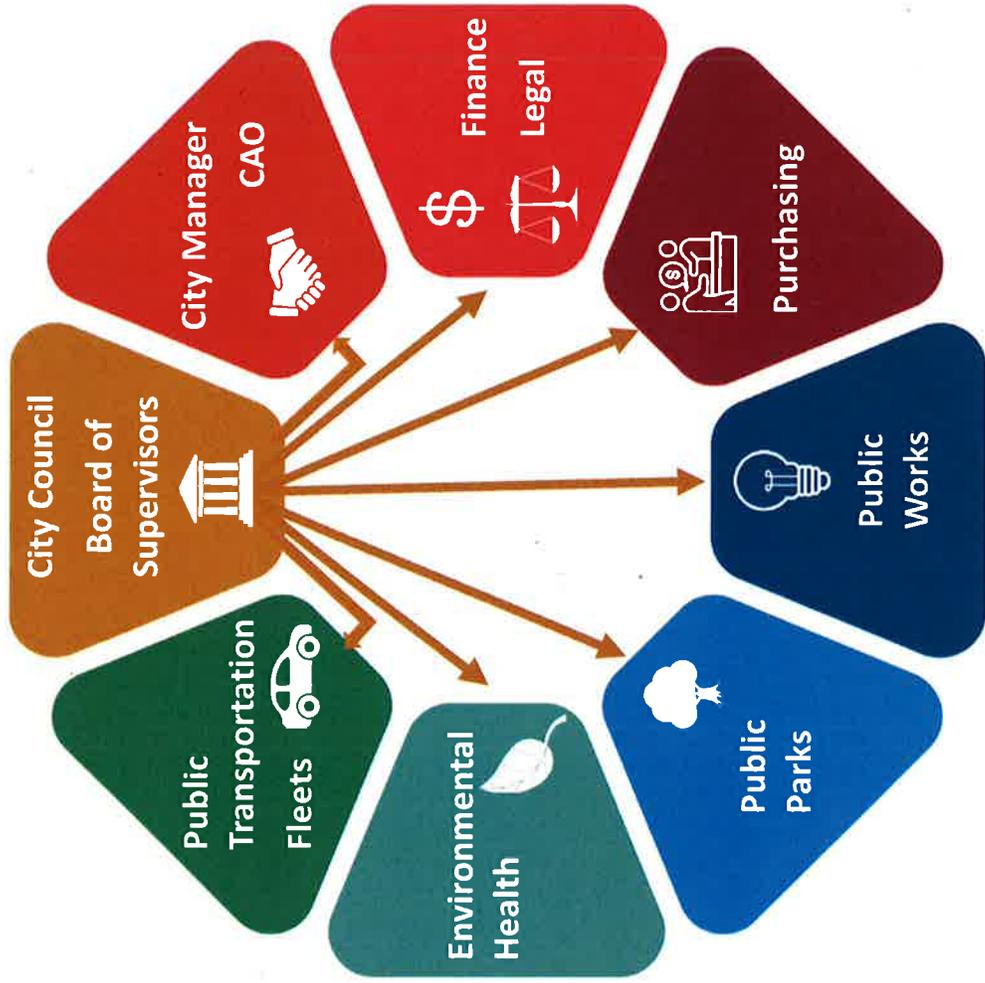
Monitor Compliance and Conduct Enforcement



SB 1383 IN ACTION

LOCAL GOVERNMENT ROLES AND RESPONSIBILITIES

SB 1383 doesn't just apply to waste management and recycling departments. Every local department plays a role in SB 1383 implementation.



Planning for Implementation of SB 1383

➤ Determine the Scope of SB 1383 requirements for your jurisdiction.

- Determine if the Performance-Based Source Separated Organic Waste Collection Service is applicable to your jurisdiction.
- Determine and map applicable organic collection waivers/exemptions from CalRecycle that may apply to the jurisdiction:
 - Counties with a population of less than 70,000 may apply for a rural exemption from complying from the organic waste collection requirements of Article 3 through December 31, 2026.
 - The Board of Supervisors must adopt a resolution that includes a finding as to the purpose of and need for the exemption prior to January 1, 2022.
 - Procurement requirements are delayed until January 1, 2027.
 - The first capacity planning report for infrastructure is delayed two years, until August 1, 2024.
 - Counties with a population of 70,000 or more may apply for low population waivers for up to five years for some or all its generators from some or all of the organic waste collection requirements of Article 3.
 - Low populations are census tracts with less than 75 persons per square mile or cities with less than 7,500 persons that had less than 5,000 tons of waste in 2014.
 - A jurisdiction may apply to renew this waiver at anytime up to 180 days prior to the expiration of the existing waiver.
 - Determine areas within the County that are at or above the 4,500-foot elevation for *food waste* collection waivers.
 - Determine the remaining population subject to organic waste collection requirements.
 - Apply for the waivers/exemptions right away, as it will impact the extent of your requirements.
- Determine the number of Tier 1 and Tier 2 businesses subject to the edible food recovery requirements.
 - Tier 1 – Supermarket (gross annual sales of at least \$2 million), grocery store (facility size 10,000 square feet), food service provider, food distributor, and wholesale food vendor.
 - Tier 2 – Restaurant with 250 or more seats, or a total facility size of 5,000 square feet, hotel with an on-site food facility and 200 or more rooms, health facility with an on-site food facility and 100 or more beds, large venues, large events, a state agency with a cafeteria with 250 or more seats or a total cafeteria facility size at least 5,000 square feet, a local education agency with an on-site food facility.
 - The number of qualifying businesses may impact how you would like to proceed with your program.
- SB 1383 extends beyond the Solid Waste Management Department and Programs. Boards of Supervisors will need to determine what Department will take responsibility to implement the various requirements contained in these regulations.
 - The CalGreen Construction and Demolition Debris and Model Water Efficient Landscape Ordinance is generally administered by the Building Department. Should the Building Official be directly responsible to meet the requirements of Article 8 of this Chapter implementing the CALGreen Building Standards and the Model Water Efficient Landscape Ordinance (MWELO), including the reporting requirements?
 - SB 1383 requires jurisdictions annually procure a quantity of recovered organic waste products that meets or exceeds its annual procurement target determined by CalRecycle. Qualified products include compost, renewable gas used for fuel for transportation, electricity, heating application, electricity from biomass conversion, and mulch. The procurement requirements impact various departments. Should the procurement requirements be

administered through the County Administrative Office, Purchasing, or individual departments?

- SB 1383 includes an edible food recovery program. Should this program be administered through Social Services, Environmental Health, an Edible Food Recovery Task Force/working group that could include representatives from the Social Services Department, Environmental Health Department, Food Banks, Tier 1 and Tier 2 businesses, non-governmental organizations, churches, and other organizations to meet the requirements of Article 10 of this Chapter, including the reporting requirements.
- SB 1383 requires new responsibilities on LEAs.
- Who will be responsible for enforcement for each of the programs?
- Who will be responsible for the Implementation Record that is to gather all reporting requirements and kept in one central location?

➤ Adopt ordinances or enforceable mechanisms for implementation of SB 1383 by January 1, 2022.

- Determine cost and timeline associated with adopting enforceable mechanisms for SB 1383 implementation.
- Determine how to provide the required services and negotiate any necessary changes to existing collection contracts or franchise agreements.
- Components to be addressed are:
 - Organic waste collection service.
 - Education and outreach, monitoring and inspections, enforcement, recordkeeping and reporting.
 - Edible food recovery
 - Organic waste capacity planning.
 - Procurement.
 - CalGreen Building standards for recycling containers in new commercial and multi-family construction and construction and demolition recycling of residential and non-residential construction debris.
 - Model Water Efficient Landscape Ordinance for new construction to meet Water Efficient Landscape requirement for compost and mulch application.

➤ Provide organic waste collection to residents and remaining small businesses by January 1, 2022 (January 1, 2027, for an approved rural exemption).

- Determine amount of additional organic waste to be collected.
 - Identify the amount of waste disposed in your jurisdiction in 2014 and calculate the amount of organic waste in the waste stream.
 - Calculate the 50% diversion target for 2020.
 - Calculate the 75% diversion target for 2025.
- Determine types and amounts of organic waste being discarded
 - Food waste
 - Leaves and grass
 - Pruning and trimmings
 - Branches and stumps
 - Lumber
 - Agricultural green waste
 - Organic textiles
 - Organic carpets
 - Paper products
 - Printing and writing paper
 - Manure

- Biosolids
 - Digestate
 - Sludges
 - Determine potential programs for organic diversion.
 - Reducing food waste
 - Backyard composting
 - Community composting/gardening
 - Animal feed opportunities
 - Land application opportunities
 - Compost operations
 - Anaerobic digestion facilities
 - Identify existing organic processing facilities locations and available organic processing facility capacities.
 - What types of organics will be accepted?
 - Determine transportation costs and costs associated with the facilities.
 - Determine needed facility capacities and costs associated with new or expanded facilities.
 - Identify existing collection haulers and collection systems.
 - Working with the haulers, determine changes required and the associated cost to the collection system.
 - Route/collection system changes
 - Cart color changes
 - Labeling
 - For 2 or 3 container service, monitoring for container contamination
 - Annual random route reviews, or
 - Waste composition studies two times per year
- Establish an edible food recovery program by January 1, 2022 that recovers 20% edible food from the waste stream by 2025.
- Determine scope of the program
 - Determine which Department is responsible to implement edible food recovery program.
 - Staffing
 - Recordkeeping
 - Enforcement
 - Reporting
 - Decide if the jurisdiction will include a task force/working groups made up of interested parties for edible food recovery for people and edible food recovery for animals
 - Responsibilities and expectations of the body
 - Number and composition of members
 - Number of meetings
 - Determine Tier 1 and Tier 2 commercial generators edible waste.
 - Determine amount of food currently donated and to whom.
 - Determine amount of food currently discarded.
 - Identify existing food recovery organization and services.
 - Develop and annually maintain list of food recovery organizations within the jurisdiction on the website.
 - Identify existing partnerships.
 - Determine their existing capacity and needs to expand capacity.
 - Determine costs associated with program implementation.
 - Provide education and outreach to commercial edible food generators regarding edible food donation requirement, and available edible food recovery organizations.
 - Identify ways to increase donations.
 - Identify ways to increase potentially new partnerships.
 - Monitor commercial food generators compliance.
 - Conduct appropriate enforcement.

- Explore funding mechanisms to increase food recovery.
- Conduct outreach and education to all affected parties, including generators, haulers, facilities, edible food recovery organizations, and city/county departments prior to February 1, 2022.
 - Determine how and the cost to provide education and outreach.
 - Annually provide information to organic waste generators on the proper segregation for the type of collection service provided, methods for prevention and recycling, methane reduction benefits, public health, safety and environmental impacts, through print or electronic media or direct contact through workshops, meetings, or on-site visits.
 - Develop and maintain a list of food recovery organizations and services operating within the jurisdiction and maintain the list on the jurisdiction's website, updated annually.
 - Annually provide commercial businesses that generate edible food with information about the jurisdiction's edible food recovery collection program, about commercial edible food generators requirements, about food recovery organization and services operating within the jurisdiction, and information about actions that commercial edible food generators can take to prevent the creation of food waste.
 - Translation of education materials into any non-English language spoken by a substantial number of the public provided organic waste collection services is left to the discretion of the local agency.
- Capacity Planning: Evaluating and planning for your jurisdiction's implementation of SB 1383 beginning August 1, 2022 (August 1, 2024, for counties with an approved rural exemption).
 - Determine costs associated with capacity planning requirements.
 - Counties shall report the capacity planning for organic waste processing facilities and edible food recovery capacity to CalRecycle by August 1, 2022, for the period covering January 1, 2024, through December 31, 2024 (except for those counties with a rural exemption).
 - Beginning August 1, 2024 and every five years thereafter all counties shall report to CalRecycle the capacity planning for ten-year periods beginning the following January 1.
 - Counties are responsible to coordinate with the cities to estimate existing, new and/or expanded capacity.
 - Counties and cities must demonstrate that they have access to recycling capacity through existing written documented arrangements.
 - If capacity is insufficient, then each jurisdiction that lacks capacity must submit an implementation schedule to CalRecycle that includes specified timelines and milestones, including necessary funding.
- Procure recycled organic waste products like compost, mulch, and renewable natural gas (RNG) beginning by January 1, 2022 (January 1, 2027 for counties with an approved rural exemption).
 - Identify potential costs associated with procurement requirements to the various departments.
 - CalRecycle will provide a minimum procurement target that is linked to the jurisdiction's population.
 - CalRecycle will provide a calculator with the conversion factors for the various products procured.
 - The jurisdiction can decide what mix of products it will purchase or use.
 - A jurisdiction may count procurement from direct service providers (for example, its haulers).

- Monitor and inspect for compliance with SB 1383 beginning January 1, 2022, with enforcement beginning January 1, 2024.
 - Identify staff to conduct monitoring and inspections for various aspects of compliance.
 - Collection service
 - Edible food recovery program
 - Identify costs associated with enforcement against organic waste generators that are not in compliance.

- Maintain accurate and timely records of SB 1383 compliance.
 - Consider purchase of software program.
 - Determine cost to maintain records of all relevant documents supporting compliance with each requirement.
 - Copies of ordinances, contracts, agreements, policies, procedures, and programs.
 - Documentation and correspondence for
 - Organics collection
 - Container contamination minimization
 - Waivers and exemptions
 - Education and outreach
 - Hauler program
 - Edible food recovery program
 - Procurement
 - Enforcement
 - Documentation of which collection method(s) will be used and the geographical area for each collection method; if applicable, a list of all the high diversion organic waste processing facilities used and their quarterly and annual average mixed waste organic content recovery rates; a list of all approved haulers, and the geographical areas the hauler(s) serve; and if applicable, written notification from each facility that can recover compostable plastics to be placed in the green container or organic waste to be collected in plastic bags.
 - Process for determining the level of container contamination and documentation of the route reviews conducted; if applicable documentation of waste composition studies, including information on targeted route reviews conducted as a result of the studies, the dates of the studies, the location of the solid waste facility where the study was performed, routes, source sector, number of samples, weights and ratio of prohibited container contaminants and total sample size; copies of all written notices, violations, education and enforcement orders issued to generators; and documentation of the number of containers disposed of due to observation of prohibited container contaminants.
 - Description of the hauler program including type of hauler systems used, type and conditions of approvals per type of hauler, and criteria for approvals, denials, and revocations; the jurisdictions process for issuing, revoking, and denying self-hauling and back-hauling; and records of hauler compliance including copies of reports required by haulers, and copies of all written approvals, denials, and revocations.

- Reporting requirements commencing 2022, and annually thereafter to the Department.
 - Determine costs associated with reporting requirements.
 - Beginning April 1, 2022, report on implementation and compliance with the requirements of this chapter including a copy of enforceable mechanisms adopted to implement the requirements, all reporting items listed in a jurisdiction's annual report, and contact information for the compliance-related responsible person.

- Commencing August 1, 2022 and annually thereafter submit an annual report. The first report shall cover the period of January 1, 2022 – June 30, 2022 and is due October 1, 2022. Each subsequent report shall cover the entire previous year.
- Each jurisdiction shall report the following:
 - Relative to the collection service: the type of organic waste collection services provided to its generators, the total number of generators receiving each type of organic waste collection service, and the RDRS Number of any high diversion organic waste processing facility it uses. If the jurisdiction allows placement of compostable plastic in green containers or organic waste to be collected in plastic bags, notices from each facility that accepts and recovers that material.
 - Relative to contamination monitoring: the number of route reviews conducted for container contaminants; the number of times notices, violations, or targeted education material were issued; the number of notifications received from a solid waste facility operator regarding container contaminants received at the facility, and the results of waste composition studies performed to meet the container contamination minimization requirement and resulting targeted route reviews.
 - Relative to waivers: the number of days an emergency circumstances waiver in effect and the type of waiver issued, the tons of organic waste that were disposed as a result of waivers, the number of generators issued a physical space waiver, the number of generators waived by the department from the requirements of organic waste collection service.
 - Regarding education and outreach: the number of organic waste generators and edible food generators that received information and the type of education and outreach use and the number of limited English speaking and linguistically isolated households that received information.
 - Regarding the hauler oversight requirements: the number of haulers approved to collect organic waste, the RDRS number of each facility that is receiving organic waste from haulers, and the number of haulers that have had their approval revoked or denied, and the number of self-haulers approved to operate within the jurisdiction.
 - Regarding the CALGreen Building Standards: the number of Construction and Demolition removal activities conducted; and the Model Water Efficient Landscape Ordinance: the number of projects subject to the ordinance.
 - Regarding the edible food recovery: the number of commercial edible food generators, the number of food recovery services and organizations that contract with or have written agreements with commercial edible food generators, and the total amount of edible food recovered by edible food recovery organizations and services.
 - Regarding the organic waste recycling capacity planning and edible food recovery capacity planning: the tons estimated to be generated for disposal, the amount of capacity verifiably available to the county and jurisdictions within the county, the amount of new capacity needed, the location identified for new or expanded facilities, the jurisdictions that are required to submit implementation schedules, and the jurisdictions that did not provide information required to the county within 120 days.
 - Regarding the procurement requirements: the amount of each recovered organic waste product procured directly or through direct service providers by the county or cities during the prior calendar year, the total dollar amount spent on all paper purchases, the total dollar amount spent on all recycled content paper purchases, the total amount of transportation fuel, electricity, and gas for heating applications and pipeline injection procured from the previous year if the jurisdiction procures a reduced amount pursuant to section 18993.1. (j), and additional procurement opportunities identified within the jurisdiction's departments.
 - Regarding compliance, monitoring, and enforcement: the number of commercial businesses subject to compliance reviews and the number of violations found and corrected; the number or route reviews conducted; the number of inspections conducted by type for commercial edible food generators, food recovery organizations, and commercial businesses; the number of complaints received, investigated, and violations found; and the number of NoVs and

penalties issued by type of entity, and the number of enforcement actions that were resolved categorized by type of regulated entity.

➤ Facility monitoring requirements.

- Transfer stations/processing facilities - grey container collection stream waste evaluations
 - Identify manned transfer stations or processing facilities and determine the annual volume going to landfill.
 - Determine the cost of quarterly grey container collection stream waste evaluations for those transfer stations or facilities that receive more than 500 tons of solid waste from at least one jurisdiction annually. (CalRecycle estimated that each sample would require an additional four hours of staff time.)
 - Beginning July 1, 2022, take one random, composite sample taken from various times during the operating day, representative of an operating day, of at least 200 pounds from the incoming gray container collection stream received by the facility.
 - Record the weight of the sample.
 - Remove any remnant organic material and determine the weight of that remnant organic material.
 - Determine the ratio of remnant organic material in the sample.
 - With written notification to the LEA, the gray container waste evaluations may be conducted offsite at an alternative, permitted or authorized solid waste facility or operation provided that the material is not processed prior to its transfer offsite for the waste evaluation.
 - Records of the waste evaluations and training of personnel in evaluating the amount of remnant organic material shall be maintained for 5 years and be available for review.
- Transfer stations/processing facilities
 - Identify organic waste processing facilities (MRFs, compost facilities, AD facilities)
 - Determine the cost of the monitoring requirements of organic waste recovered from mixed waste organic waste collection streams and source separated organic waste collections streams. (CalRecycle based its estimate on sampling 40 days per year and estimated that each sampling event would require two hours of employee time for a total of 80 hours per facility and a facility cost of \$4,560/year.)
 - Quarterly, measurements shall be performed over 10 consecutive operating days.
 - On each sampling day, take one sample of at least 200 pounds from each organic waste type separated after processing, representative of a typical operating day and taken either from various times of the day or from various locations within each pile of each of the organic waste types prior to sending to its destination.
 - Record the weight of each sample from each organic waste type.
 - Remove any incompatible material and determine the remaining weight of organic waste for each sample.
 - Determine the ratio of the remaining weight of organic waste to the total sample for each type of organic waste.
 - Multiply the ratio for each type of organic waste by the total weight of all of the same type of organic waste separated after processing for its destination.
 - Determine the total weight of organic waste separated from the collection stream by adding the sum of all the weights calculated above.
 - Determine the cost of the monitoring requirements of organic waste removed from mixed waste organic waste collection streams and source separated organic waste collections streams for disposal. (CalRecycle based its estimate on sampling 40 days per year and estimated that each sampling event would require two hours of employee time for a total of 80 hours per facility and a facility cost of \$4,560/year.)
 - Quarterly, measurements shall be performed over 10 consecutive operating days.
 - On each sampling day, take one sample of at least 200 pounds representative of a typical operating day and taken either from various times of the day or from various

locations within each pile of each of the organic waste types prior to sending to its destination.

- Record the total weight of the sample.
 - Remove any incompatible material and determine the remaining weight of organic waste in the sample.
 - Determine the ratio of the organic waste present in the materials removed for disposal to the total sample.
 - Determine the total weight of organic waste removed from the collection stream that is sent to disposal by multiplying the ratio determined above by the total weight of the materials removed from the collection stream for disposal.
 - The measurements shall be conducted in the presence of the EA when requested and the EA may require the operator to increase the frequency of measurements and/or revise the protocol to improve accuracy. An alternative measurement protocol may be approved by the EA with concurrence by the Department.
- Compost facilities
 - Determine the quarterly percentage of organic waste contained in materials sent to landfill disposal.
 - The sampling protocol shall be conducted over 10 consecutive operating days.
 - Each operating day, the sampling protocol is:
 - Take one random, representative sample of at least 200 pounds of materials that is sent to disposal on that operating day, taken either from various times of the day or from various locations.
 - Record the total weight of the sample.
 - Remove any material that is not organic waste and determine the remaining weight of organic waste in the sample.
 - Determine the ratio of the organic waste in the materials by dividing the total from the remaining weight of organic waste by the total weight of the sample.
 - Determine the total weight of organic waste that is sent to disposal by multiplying the ratio determined above by the total weight of the materials sent to landfill disposal.
 - Record the sum of outgoing weights of organic waste present in the material from the 10 sampling days that is sent to landfill disposal each day.
 - Determine the ratio of organic waste sent to disposal by dividing the total from above by the total outgoing weights of material that is sent to disposal each sampling day.
 - Determine the percentage of organic waste present in the material sent to disposal.
 - The measurement shall be conducted in the presence of the EA when requested and the EA may require the operator to increase the frequency of measurements and/or revise the protocol to improve accuracy. An alternative measurement protocol may be approved by the EA with concurrence by the Department.
- In-vessel digestion facilities
 - Determine the quarterly percentage of organic waste contained in materials sent to landfill disposal.
 - The sampling protocol shall be conducted over 10 consecutive operating days.
 - Each operating day, the sampling protocol is:
 - Take one random, representative sample of at least 200 pounds of materials that is sent to disposal on that operating day, taken either from various times of the day or from various locations.
 - Record the total weight of the sample.
 - Remove any material that is not organic waste and determine the remaining weight of organic waste in the sample.
 - Determine the ratio of the organic waste in the materials by dividing the total from the remaining weight of organic waste by the total weight of the sample.
 - Determine the total weight of organic waste that is sent to disposal by multiplying the ratio determined above by the total weight of the materials sent to landfill disposal.

- Record the sum of outgoing weights of organic waste present in the material from the 10 sampling days that is sent to landfill disposal each day.
 - Determine the ratio of organic waste sent to disposal by dividing the total from above by the total outgoing weights of material that is sent to disposal each sampling day.
 - Determine the percentage of organic waste present in the material sent to disposal.
 - The measurement shall be conducted in the presence of the EA when requested and the EA may require the operator to increase the frequency of measurements and/or revise the protocol to improve accuracy. An alternative measurement protocol may be approved by the EA with concurrence by the Department.
- Landfills
 - Determine the cost to prepare a Status Impact Report (SIR) that provides an analysis of the potential impact to the landfill resulting from the implementation of the organic disposal reduction requirements.
 - The SIR shall be submitted to CalRecycle within a year of the effective date of this regulation.
 - The SIR shall be prepared by a CA registered civil engineer or certified engineering geologist; and contain specific and detailed information:
 - Site development
 - Waste types/volumes
 - Daily and intermediate cover and beneficial use
 - Volumetric capacity based on reduction requirements
 - Waste handling methods
 - Gas control and monitoring systems
 - Gas generation
 - Operation and closure design
 - Final grading plan
 - Site life estimate
 - Ancillary facilities
 - Cost estimate for closure and postclosure
 - Financial assurance mechanisms for closure, postclosure, and non-water corrective action requirements



Del Norte Solid Waste Management Authority

1700 State Street, Crescent City, CA 95531
 Phone (707) 465-1100 Fax (707) 465-1300
www.recycledelnorte.ca.gov

The Authority's mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

Staff Report

Date: 01 September 2020
To: Del Norte County Board of Supervisors
From: Tedd Ward, M.S. - Director
File Number: 151803 – Organics and SB 1383

Topic: Working Groups for SB 1383 Planning and Implementation

Summary / Recommendation: That the Board of Supervisors solicit volunteers for possible appointment to two Working Groups to help with planning and implementation of the food rescue and organics management requirements under SB 1383, and that initial appointments to these working groups be accomplished by the first week of December:

Working Group	Potential Membership	Initial Tasks	Achievement Dates
Edible Food Recovery	DNATL Food Council School District Tier 1 Food Generators	Make DNATL Food Rescue program permanent, including monitoring and reporting	July 2021
Food for Animals	DNATL Food Council Livestock ranchers	Establish mechanism for feeding food and organic materials to livestock in Del Norte	July 2022

Having reviewed the requirements of SB 1383, the Authority Board found these two Working Groups would be needed in the coming year. As the requirements of SB 1383 include activities for which the Authority has no regulatory authority, the County is the appropriate entity to form such Working Groups. Formation of and guidance from these Working Groups will be essential to planning and developing successful programs appropriate to Del Norte. For example, planning to create a program to rescue food for use as animal feed absolutely requires engagement with farmers and ranchers who are interested in receiving and using those materials. Staff recognize the challenges of engaging volunteers to make decisions related to program planning and implementation, but this process is essential.

Background: In addition to the two working groups described in the recommendation, SB 1383 also has specific requirements in areas described in the following table. These planning areas, however, can be addressed with staff from local agencies and non-profits. Authority staff will work with appropriate County staff to develop strategies to address these other requirements.

Working Group	Potential Membership	Initial Tasks	Achievement Dates
On-Site Composting	Food Council Garden Project Master Composters Gardening Clubs	Train 20 Master Composters to expand number, frequency, and locations of on-site composting trainings	Sept 2022
Cal-Green / Landscaping / Compost Users	Community Dev't Dept. Parks & Rec Depts. Road Dept. Golf Courses? Ranchers?	Planning for procuring and using compost materials	
Collections, Containers & Facilities	DNSWMA Recology Del Norte Hambro / WSG	Organics facilities capacity planning & Collections-services planning	Secure organics recycling capacity by Dec 2023
Outreach, Monitoring, Reporting, and Enforcement	DNSWMA DNC LEA DNC Code Enforcement	Draft BOS Resolution for deferring organics collections until 2027	Dec 2022

Alternatives:

- 1. Seek establishment of six Working Groups.** The Board of Supervisors solicit volunteers for potential appointment to all six working groups.
- 2. Modify the description and/or number of Working Groups to be formed.** The Board could suggest other configurations of Working Groups. Staff's intent was that each group could focus on areas of common concern so the meetings of each group could be efficient and valuable to the participants.

Related Issues: Staff continue to work with the Rural Counties' ESJPA to advocate for additional alternative means by which rural counties like Del Norte can address the State's greenhouse gas reduction goals in a reasonable and cost-effective manner.



Del Norte Solid Waste Management Authority

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The Authority's mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

Director Ward has also been appointed to the Statewide Commission on Recycling Markets and Curbside Recycling, a 17-member body charged with making suggestions to improve markets for recycled and composted materials, and to clarify what is recyclable and compostable. This Commission may also comment on the practicalities of Ab 1383 compliance for rural communities like ours.



Request from the Statewide Commission on Recycling Markets and Curbside Recycling for Detailed Policy Proposals

The Commission is actively soliciting policy proposals which can be conceptual or very detailed, to inform our discussions to advise the CalRecycle on how to achieve the following issues:

1. Develop California markets for processing and re-manufacturing recycled materials and organics which create jobs and sequester carbon.
2. Achieve the greenhouse gas reductions mandate in SB 1383 (Lara) to recover 75% of organic waste by 2025, including recovering 20% of edible food for human consumption.
3. Achieve the policy goal in AB 341 (Chesbro) that not less than 75 percent of solid waste generated be source reduced, recycled, or composted including addressing the needs for infrastructure, processing capacities, and permitting.
4. Evaluation methodology whether a product is recyclable or compostable, as defined in SB 1335 (Allen).
5. Develop statewide public education strategies and product labeling methodologies to achieve the goals above.

The Commission requests that you provide discrete policy recommendations with as much detail as you wish to provide, noting which category it relates to 1-5 above. **Initial recommendations are requested by August 21, 2020 but will be accepted ongoing. The sooner we receive the proposals, the more likely we will have time to fully discuss them before submittal of the report January 1, 2021.**

Proposals and recommendations will be posted publicly on CalRecycle's webpage. Plain text proposals and links to relevant documents on publicly accessible websites can be submitted to CalRecycle's [Public Comment Portal](#). If the proposal is longer than what can be submitted in the portal, note in the portal that a detailed proposal was submitted via email AB1583Commission@calrecycle.ca.gov. CalRecycle asks that any documents submitted to AB1583Commission@calrecycle.ca.gov meet accessibility standards. Documents posted publicly and provided to Commissioners by CalRecycle must meet accessibility standards (AB 434 and Section 508). Posting of non-accessible documents may be delayed and can slow down the work of the Commission Resources for creating accessible documents can be found at:

<https://www.dor.ca.gov/Home/ResourcesforCreatingAccessibleContent>