















## *Staff Report*

**DATE:** October 5, 2021 For Meeting of: October 14, 2021

**FROM:** Jill Duffy, Executive Director

**SUBJECT:** Item 2c)  
Approval of Resolution 2022-02 “Authorizing HWMA Executive Director, or designee, to enter into Regional Grant Agreements with CalRecycle for Local Government Waste Tire Amnesty Grants for the period of FY 2021-2022 to 2026-2027”.

**RECOMMENDED ACTION:** Voice vote.

- 1) Approve Resolution 2022-02 “Authorizing HWMA Executive Director, or designee to enter into Regional Grant Agreements with CalRecycle for Local Government Waste Tire Amnesty Grants for the period of FY 2021-2022 to 2026-2027” and,
- 2) Authorize HWMA Executive Director, or designee, to execute grant agreements upon review and approval of HWMA General Counsel.

### **DISCUSSION:**

CalRecycle periodically announces the availability of Local Government Waste Tire Amnesty Grants to fund local tire collection efforts. These grants require the HWMA Board to have a current resolution declaring authorizations related to the administration of CalRecycle grants and to include member agencies as Participants. Staff has verified that member agencies are interested in continuing this arrangement and prepared Resolution 2022-02 (attached) for approval.

HWMA has previously received Waste Tire Grant Funds and this diversion program has had strong support and benefit to Humboldt residents. HWMA’s most recent waste tire grant was completed in 2019 and resulted in almost 16,000 waste tires collected under grant funding. Accepting tires at no-charge is a popular program at the Authority, and reduces the potential disposal of tires alongside the roadways and environment.

CalRecycle requires adoption of a resolution that authorizes the Authority to enter into regional grant agreements with CalRecycle. Approval of Resolution 2022-02 will provide the authorization necessary to enable the Authority to apply for funds and enter into regional grant agreements with CalRecycle regarding all subsequent Local Government Waste Tire Amnesty Grants starting from this day forward for a period not to exceed five years.

During the previous grant cycle, a total of \$1.25 million was available from CalRecycle, with a maximum of \$90,000 that may be awarded to regional applicants. During the open grant

period, the authority expends funding to meet defined goals, then files progress reports and reimbursement requests to CalRecycle. This grant targets activities that increase availability of proper waste tire disposal, coupled with the opportunity for residents to dispose of waste tires at no charge.

Our current TA-5 grant award is for \$88,000. These funds are targeted towards holding tire collections at the Hawthorne Street Transfer Station. This provides residents the opportunity to dispose of up to nine waste tires *at no cost*.

HWMA staff will be utilized for all administration duties associated with this grant. This includes the preparation and submittal of application documents; expenditure tracking; all necessary progress reports; and, funding reimbursement requests. Tip Floor staff will provide labor related to the program at HWMA's Transfer Station.

**FISCAL IMPACTS:**

Programs staff time to complete, submit, and monitor the grant application is built into the regular duties of the Program Analyst position, and is therefore budgeted as part of the Authority's annual operating budget. Grant funding will provide revenue neutral costcovering for most facets of the grant program, with minimal overflow of staff time covered by regular operating costs.

**ALTERNATIVES:**

In the absence of this grant funding, tires will continue to be accepted at our transfer station at the rate of \$9.00 per tire. The free collection will not be held, and residents can continue to use local tire disposal options at various transfer stations and tire shops.

**Attachment:**

Attachment 1: Resolution 2022-02 "Authorizing HWMA Executive Director, or designee to enter into Regional Grant Agreements with CalRecycle for Local Government Waste Tire Amnesty Grants for the period of FY 2021-2022 to 2026-2027".





**RESOLUTION 2022-02**

**RESOLUTION OF THE HUMBOLDT WASTE MANAGEMENT AUTHORITY  
AUTHORIZING THE AUTHORITY TO ENTER INTO REGIONAL GRANT  
AGREEMENTS WITH THE CALIFORNIA DEPARTMENT OF RESOURCES,  
RECYCLING, AND RECOVERY FOR LOCAL GOVERNMENT WASTE TIRE  
AMNESTY GRANTS DURING FISCAL YEARS 2022 THROUGH 2027.**

**WHEREAS**, Public Resources Code sections 40000 et seq. authorize the Department of Resources Recycling and Recovery (CalRecycle), to administer various grant programs (grants) in furtherance of the State of California's (State) efforts to reduce, recycle, and reuse solid waste generated in the State, thereby preserving landfill capacity and protecting public health and safety and the environment; and

**WHEREAS**, in furtherance of this authority CalRecycle is required to establish necessary procedures governing the application, awarding and management of its grants; and

**WHEREAS**, the Local Government Waste Tire Amnesty Grant Program allows regional grant projects; and

**WHEREAS**, CalRecycle grant application procedures require, among other things, an applicant's governing body to declare by resolution certain authorizations related to the administration of CalRecycle grants.

**NOW, THEREFORE, BE IT RESOLVED** that the Humboldt Waste Management Authority Board authorizes the submittal of regional application(s) on behalf of itself as Lead Agency and the participating jurisdictions as shown by the attached documentation.

**BE IT FURTHER RESOLVED** that the HWMA Executive Director, or her/his designee, is hereby authorized and empowered to execute on behalf of HWMA all Grant-related documents, including, but not limited to, applications, payment requests, agreements (upon review and approval by Counsel), and amendments necessary to secure grant funds and to implement the approved grant project; and

**BE IT FURTHER RESOLVED** that these authorizations are effective for a period not to exceed five (5) years from the date of adoption of this resolution.

**PASSED, APPROVED AND ADOPTED** on this 14th day of October 2021 by the following vote:

AYES:

NOES:

ABSENT:

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Leslie Castellano, Chair

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Jill Duffy, Executive Director

**Local Government Waste Tire Amnesty Grant Program  
HWMA Resolution 2022-02 List of Participating Jurisdictions**

Humboldt Waste Management Authority (Lead Agency)  
1059 West Hawthorne Street, Eureka Ca 95501

City of Arcata  
736 F Street, Arcata Ca 95521

City of Blue Lake  
111 Greenwood Road, Blue Lake 95525

City of Eureka  
531 K Street. Eureka Ca 95501

City of Ferndale  
834 Main Street, Ferndale Ca 95536

City of Rio Dell  
675 Wildwood Avenue, Rio Dell Ca 95562

County of Humboldt  
825 5<sup>th</sup> Street Suite 112, Eureka Ca 95501

Respectfully Submitted

Jill K. Duffy  
HWMA Executive Director



***Staff Report***

**DATE:** September 20, 2021 For Meeting of: October 14, 2021

**FROM:** Eric Keller-Heckman, Director of Operations

**SUBJECT:** Item 2d)  
Review and Approve Recommendation to Award Clean Harbors as the Successful Proposer for Household Hazardous Waste Transportation and Management Services at the Hawthorne Street Transfer Facility

**RECOMMENDED ACTION:** That the Board:

1. Direct the Executive Director and General Counsel to: 1) initiate negotiations for a Three (3) year agreement with Clean Harbors for transportation and management services related to the Household Hazardous Waste Facility; and
2. Return to the Board for final agreement review and approval no later than the November 11, 2021 Board meeting.

**DISCUSSION:**  
During the July 8, 2021 meeting, the Board of Directors approved a Request for Proposals for Hazardous Waste Transportation and Management Services for circulation.

Hazardous waste collection and disposal activities enable HWMA to assist in managing resources, protect the environment, avoid disposal to HWMA’s contracted municipal landfill and provide county residents the opportunity to disposal of hazardous material in an appropriate manner. Of the standard disposal options – reuse, recycling, energy recovery, neutralization, destructive incineration and landfill – HWMA prefers those resulting in the most beneficial use, with the highest preference being placed on reuse and descending to the least preferred disposal option of landfill.

HWMA initially entered into a three-year service contract with Clean Earth Environmental Solutions, Inc. (formerly Stericycle Environmental Solutions, Inc.) in November 2016. This agreement included two options for one-year extensions both of which have been exercised and set to expire in November 2021.

Three proposals were submitted to the HWMA by the deadline. These three proposals were deemed responsive and submitted by the following:

- Clean Harbors
- Clean Earth Environmental
- Act Enviro

Proposals were distributed to a 3-member evaluation committee of Authority staff to conduct an evaluation, financial comparison and ranking of the proposals. The system evaluated several categories with up to 60 available points. Additionally, individual ranking results were compiled and can be seen below.

	<b>Act Enviro</b>	<b>Clean Earth</b>	<b>Clean Harbors</b>
<b>Aggregated Scores</b>	162	131	166

Based on the evaluation results and cost proposals, the evaluation committee recommends Clean Harbors as the preferred contractor.

**FISCAL IMPACT:**

Based on projected material generation, staff projects minimal increase to overall costs for these services in the FY 2021-22 Budget. Staff will review and make recommendations for additional funding if needed at the Mid-Year budget review.

**ALTERNATIVES:**

Board Discretion



*Staff Report*

**DATE:** September 23, 2021 For Board Meeting: October 14, 2021  
**FROM:** Jill K Duffy, Executive Director  
**SUBJECT:** Item 3)  
**RECOMMENDED ACTION:** Voice vote.  
1) Receive Correspondence

On 9/17/21, 12:36 PM, "Mike Knight" <[REDACTED]> wrote:

Jill, this is Mike Knight, retired Assistant City Manger for Eureka. I wanted to take a minute to praise your operations and tell you I did not realize how spoiled I was having such and easy time in Eureka to dispose of recycle, green waste, household hazardous waste and metal. Again, I did not realize how spoiled I was until we moved to Chico and tried to utilize the same service in Butte County but there operations are horrible.

HHW disposal in Butte County is limed to Friday and Saturday morning resulting in huge wait times, long lines in the car and in the heat. To dispose of metal, recycle or green waste you have to be in the same long lines at the Neal Road facility. I have observed huge truck loads of green waste dumped in the same piles as solid waste.

Again, your operation has spoiled me by being able to drive up on the left side of the facility and drop off recycle, metal and HHW in minutes. Thanks for the extremely efficient operations you provide for Humboldt County.

Sent from my iPad





***Staff Report***

**DATE:** October 5, 2021 For Board Meeting: October 14, 2021  
**FROM:** Jill K Duffy, Executive Director  
**SUBJECT:** Item 4)  
Receive Presentation of the “Humboldt Waste Management Authority Waste Characterization Study – Final Report. September 2021”.

**RECOMMENDED ACTION:** Voice vote.  
1) Receive Presentation; and  
2) Accept “Humboldt Waste Management Authority Waste Characterization Study – Final Report. September 2021” prepared by Cascadia Consulting Group, Inc.  
3) Distribute Report to HWMA’s Member Agencies.

**RECOMMENDED ACTION:**  
HWMA secured the services of Cascadia Consulting Group, Inc. (Cascadia) on October 10, 2019 to perform a solid Waste Audit Characterization study for materials generated by HWMA member agencies. Two sampling periods were initially proposed to characterize materials in the winter and summer months of 2020. The summer sampling event was postponed due to the State’s Shelter-In-Place in response to the coronavirus pandemic to June 2021.

Cascadia Consulting Group, Inc. prepared the attached report. Staff recommends the Board of Directors receive the presentation from Dieter Eckels of Cascadia Consulting Group, Inc and direct copies of the final report be distributed to Member Agency staff and other interested parties to assist in integrated waste management and SB 1383 planning efforts.

**FISCAL IMPACT:**  
No direct fiscal impact as this project was budgeted.

**ATTACHMENT:**  
“Humboldt Waste Management Authority Waste Characterization Study – Final Report”.  
September 2021.

**Refer to the HWMA Waste Characterization Study  
Final Report**

**Separate Electronic Attachment  
Hard Copies to Be Distributed**





### *Staff Report*

**DATE:** September 23, 2021 For Board Meeting: October 14, 2021

**FROM:** Jill K Duffy, Executive Director

**SUBJECT:** Item 5)  
Approve Letter of Appreciation to First Responders, HWMA Employees,  
Recology and Bettendorf Trucking

**RECOMMENDED ACTION:** Voice vote.

- 1) Receive Presentation; and
- 2) Authorize the Chair to Submit Letter to the Editor Expressing Appreciation to First Responders, HWMA Employees, Recology, Bettendorf Trucking, Maples Service and Local Media et.al for Their Assistance and Coordination During the HWMA Transfer Station Fire in September 2021

### **DISCUSSION:**

HWMA's Transfer Station "Tip Floor" experienced a fire at 11:20 am, Tuesday September 14<sup>th</sup>. The fire was detected and reported by HWMA staff and quickly controlled by first responders. The HWMA Transfer Station receives the majority of solid waste collected in Humboldt County and is critical infrastructure in the protection of public health and safety. Over the course of three hours, Humboldt Bay Fire Department was able to confine the fire to the interior of the Transfer Station, and work with HWMA's Director of Operations to extinguish the fire.

The incident response followed all steps outlined in "HWMA's Emergency Action Plan" (EAP). Both staff's initial fire suppression attempt and subsequent evacuation were well-coordinated, appropriate for our level of training/equipment, efficient with no injuries or damage/loss to equipment and the facility resumed regular operations the following morning. Overall, incident response was excellent.

Staff recommends the HWMA Board of Directors approve the Chair sign the attached letters to express our appreciation to the following:

- First responders **Humboldt Bay Fire Department, Samoa Fire Department, Loleta Fire Department and the Fortuna Fire Department** for their immediate response with standby support of **City Ambulance**.
- **Recology** for temporarily diverting their Arcata/Eureka route trucks to the Fortuna Transfer Station. The Fortuna Transfer Station was closed to public self-haul to accommodate the increased traffic and tonnage volumes.

- **Lost Coast Outpost** and **Kym Kemp's Redheaded Blackbelt** for providing real time media coverage and information to the general public.
- **Bettendorf Trucking** for adjusting their trailer pick-up and delivery schedule resulting in timely removal of solid waste. Additionally, staff have worked with Bettendorf in the development of a tonnage estimator tool which has enabled reliable removal of accumulated solid waste from the Tip Floor.
- **Maples Service** who prioritized the dispatch of personnel the same day to reset the Transfer Station's suppression system and replace activated suppression bulbs.
- **Six Rivers Portable Toilets** for mobilizing a pump truck to support pumping out the fire suppression water.
- **Hooven & Co Inc.**, for sending staff and equipment to continue the effort of pumping out fire suppression water.
- **City of Eureka Wastewater Treatment Plant** for supporting our needs managing the fire suppression water.
- **HWMA staff** for their detection, initial response and safely evacuating the site of the public and staff. Post event, employees performed clean up activities for resuming normal operations the following morning.

**FISCAL IMPACT:**

No Direct Impact

**ATTACHMENTS:**

Attachment A: Letter

Dear Editor,

On behalf of the Humboldt Waste Management Authority's (HWMA) Board of Directors, I'd like to thank the Humboldt Bay Fire Department, Samoa Fire Department, Loleta Fire Department, Fortuna Fire Department, City Ambulance, Pacific Gas & Electric, Maples Service, Six Rivers Portable, Hooven & Co., Inc., Recology and the staff of HWMA for their assistance with the fire that closed the Hawthorne Street Transfer Station on September 14, 2021. The timely response and support enabled the Hawthorne Street Transfer Station to reopen the following day. We are grateful and fortunate that there were no injuries, loss or damage to our equipment or facility.

HWMA's Hawthorne Street Transfer Station receives approximately 170 tons per day of trash delivered from curbside collection haulers, contractors and individuals who self-haul trash to our facility for disposal. This material is loaded into semi-truck trailers for transportation to the Dry Creek Landfill located in White City, Oregon for landfill disposal. The transfer station is considered essential service and infrastructure to Humboldt County, and is critical for the protection of public and environmental health.

Fires at solid waste transfer stations are often the result of trash combined with improperly disposed materials, such as:

- Hot loads (e.g. embers, ashes and other sources of combustion)
- Heat from compostable materials.
- Batteries (alkaline and rechargeable batteries which include heavy metals including lithium, nickel, cadmium or lead)
- Flammable or combustible liquids (such as gasoline, oil-based paints or kerosene)
- Hazardous materials (including ammonia, bleach, pool chemicals, pesticides, paint thinners etc.).
- Canisters containing propellants (including butane or propane)
- Cylinders containing compressed gas (propane, helium, oxygen, acetylene and fire extinguishes)

When these types of materials come into contact with other materials and trash, the combination can result in a fire. HWMA asks that these materials be separated from your trash for proper disposal at HWMA's Household Hazardous Waste Facility. Residents may dispose of hazardous wastes at no-charge Monday-Saturday during regular hours, and small quantity business generators may dispose of hazardous waste by appointment. Please visit [hwma.net](http://hwma.net) to learn more.

Leslie Castellano  
Chair, HWMA Board of Directors





***Staff Report***

**DATE:** October 5, 2021, 2021 For Board Meeting: October 14, 2021

**FROM:** Jill K Duffy, Executive Director

**SUBJECT:** Item 6)

**RECOMMENDED ACTION:** Voice vote.

1. Authorize Chair to Submit Letter to the Humboldt County Board of Supervisors Supporting the Establishment of a Public Financing Authority for the Samoa Peninsula Enhanced Infrastructure Finance District

**DISCUSSION**

In 2014, the State of California created “Enhanced Infrastructure Financing Districts” as a replacement for state redevelopment funding, and as a tool for local governments to finance infrastructure and improvement projects. The Humboldt County Board of Supervisors approved the Samoa Peninsula Enhanced Infrastructure Finance District (District) in June of 2021, and will be considering the establishment of a Public Finance Authority at a meeting scheduled for October 19, 2021.

Staff recommends the Board approve the attached letter expressing support for the District and identify the need for development of an organics processing facility. HWMA’s 2013 Strategic Plan supports regional development of an organics processing facility and local jurisdictions are working towards SB 1383 (Short Lived Climate Pollutant Reduction) compliance which requires diversion of organic materials and processing.

**ATTACHMENT:**

1. Letter to the Humboldt County Board of Supervisors Supporting the Establishment of a Public Financing Authority for the Samoa Peninsula Enhanced Infrastructure Finance District





October 8, 2021

Humboldt County Board of Supervisors  
825 5th St  
Eureka, CA 95501

**Re: Support for the Samoa Peninsula Enhanced Infrastructure Finance District**

Dear Humboldt County Board of Supervisors,

The Humboldt Waste Management Authority (HWMA) Board of Directors expresses our support for the adoption of Resolution No. 21-505 to create the 2,400 acre Enhanced Infrastructure Finance District (EIFD) on the Samoa Peninsula.

As the Board is aware, the creation of the EIFD is an excellent opportunity to develop much-needed infrastructure in Humboldt County, while contributing to job growth in the region.

The timing of this Resolution is ideal since Humboldt County needs to develop food waste and organics processing infrastructure to comply with Senate Bill 1383 (SB 1383). SB 1383 goes into effect on January 1, 2022 and requires that jurisdictions across the state divert organic material from landfill disposal. Furthermore, in 2013 the HWMA Board of Directors approved HWMA's Strategic Plan which supports the development of food waste diversion and regional organics processing infrastructure.

A portion of the EIFD acreage would be well-suited to the construction of an organics compost facility. By constructing a facility, Humboldt County would:

1. Establish infrastructure needed to meet state regulations, including SB 1383; and
2. Help mitigate the impacts of climate change by removing food waste from the landfill and increasing local access to compost; and
3. Create local, green economy jobs to support our community

**1: Establish Infrastructure to Meet Regulatory Requirements**

Humboldt County and local jurisdictions needs a food waste/organics compost facility solution to meet SB 1383 requirements and augment the green-waste processing facility operated in Arcata. The existing green-waste processing facility is not permitted to process food waste.

SB 1383 seeks to reduce greenhouse gas emissions statewide by reducing the amount of organic material disposed in landfills by 75% by 2025.

To accomplish this, communities across California are embarking on the development and operation of composting of organic materials like food scraps, yard trimmings, food-soiled paper. The composting process transforms these materials into nutrient-rich soil amendments, which helps support local agriculture decreasing reliance on artificial fertilizers.

Humboldt County currently lacks access to a local organics compost facility that can process this material. This means our jurisdictions are unable to fully comply with the requirements of SB 1383, and will continue to send food scraps and other organics to landfill.

## **2: Mitigating the Impacts of Climate Change**

When organic material decomposes in a landfill, it produces methane. Methane is a potent greenhouse gas with nearly 30 times the heat-trapping potential of carbon dioxide.<sup>1</sup>

According to CalRecycle, 10% of California's methane is produced by organic material decomposing in landfills. Composting is therefore an extremely effective way to reduce the amount of methane released from landfills into our atmosphere. For every ton of organic waste composted instead of landfilled, approximately ½ ton MTCO<sub>2</sub>e of greenhouse gases is avoided.<sup>2</sup>

Furthermore, Humboldt County would be creating a local, nutrient-rich supply of compost to support local agriculture production and decrease the volume of organic materials transported out of state for landfill disposal. Compost application reduces the need for synthetic fertilizers and herbicides and increases the nutrient content, water retention capacity, and overall microbial activity of the soil community.

The result: healthier soils, more resilient agricultural ecosystems, and a powerful tool to combat climate change.

## **3: Local Jobs Creation**

Compost facilities will create more local jobs and better prepare the community for participation in the growing green economy.

A study conducted by the Institute for Self Reliance, a nonprofit think tank, found compost facilities created 4.1 jobs for every 10,000 pounds of material managed, compared to 2.1 jobs per 10,000 pounds at landfills.<sup>3</sup>

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We would be happy to discuss the benefits of developing a compost facility in Humboldt County in more detail. We appreciate the Board's efforts to create an EIFD in Humboldt County, and are excited to support this opportunity for our community.

Sincerely,

Leslie Castellano  
Chair  
Humboldt Waste Management Authority

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<sup>1</sup> Please see the Environmental Protection Agency's [Greenhouse Gas Equivalencies Calculator](#)

<sup>2</sup> For more information, please see the California Air Resources Board's report, [Method for Estimating Greenhouse Gas Emission Reductions From Diversion of Organic Waste From Landfills to Compost Facilities](#)

<sup>3</sup> Please see the Institute for Self Reliance's report, [Pay Dirt: Composting in Maryland](#). A summary article published at *Environment + Energy Leader* is also available [here](#).



