

113 PAGE 894

COUNTY COURT JOURNAL

**NOTICE OF BOARD WORKSHOP AND BOARD MEETING**  
**of the**  
**TILLAMOOK COUNTY BOARD OF COMMISSIONERS**  
 Also sitting as the Board of the  
 SOLID WASTE SERVICE DISTRICT,  
 THE 4-H AND EXTENSION SERVICE DISTRICT  
 AND COUNTY ROAD DISTRICT  
 to be held

✓  
 FILED 2:20pm  
 DEC 10 2015  
 TASSI O'NEIL  
 COUNTY CLERK CB

**Wednesday, December 2, 2015**  
**Workshop at 8:30 a.m.**  
**Commissioners' Meeting Room B**  
 County Courthouse, 201 Laurel Avenue, Tillamook, Oregon

**Board Meeting at 10:00 a.m.**  
**Commissioners' Meeting Room A**  
 County Courthouse, 201 Laurel Avenue, Tillamook, Oregon

**BOARD OF COMMISSIONERS**

Tim Josi, Chair  
 E-mail: [tjosi@co.tillamook.or.us](mailto:tjosi@co.tillamook.or.us)

Mark Labhart, Vice Chair  
 E-mail: [mlabhart@co.tillamook.or.us](mailto:mlabhart@co.tillamook.or.us)

Bill Baertlein, Commissioner  
 E-mail: [bbaertle@co.tillamook.or.us](mailto:bbaertle@co.tillamook.or.us)  
 201 Laurel Avenue  
 Tillamook, Oregon 97141  
 Phone: (503) 842-3403 FAX: (503) 842-1384

ANY QUESTIONS? Contact  
 Paul Levesque (503) 842-1809  
 E-mail: [plevesqu@co.tillamook.or.us](mailto:plevesqu@co.tillamook.or.us)

COUNTY WEBSITE: <http://www.co.tillamook.or.us>

WATCH THIS MEETING ONLINE: [tctvonline.com](http://tctvonline.com)  
 OR ON TV: TCTV Channel 4

Friday – 1:00 p.m.  
 Monday – 7:00 p.m.  
 Thursday – 9:30 a.m.

Saturday – 3:30 a.m.  
 Tuesday – 10:00 p.m.

Sunday – 7:00 p.m.  
 Wednesday – 7:00 a.m.

NOTE: The Board of Commissioners reserves the right to recess to Executive Session as may be required at any time during this meeting, pursuant to ORS 192.660(1).

NOTE: The Tillamook County Courthouse is accessible to persons with disabilities. If special accommodations are needed for persons with hearing, visual or manual impairments who wish to participate in the meeting, please contact (503) 842-3403 at least 24 hours prior to the meeting so that the appropriate communications assistance can be arranged.

## AGENDA

### WORKSHOP - AUDIO12-02-2015A.MP3

#### Vice-Chair Labhart absent (vacation)

CALL TO ORDER: Wednesday, December 2, 2015 8:55 a.m.

1. Welcome & Request to Sign Guest List
2. Public Comment – Non-Agenda Items: There were none.
3. Public Works Report/Liane Welch
  - 00:50 a. Discussion Concerning Amendment #1 to Intergovernmental Agreement #4602 with Oceanside Water District to Pave Portions of Certain Roads in Oceanside
  - 02:00 b. Discussion Concerning a Grant Application to the Oregon Department of Environmental Quality to Procure a Mobile EPS (Expanded Polystyrene aka Styrofoam) Densifier for Multi-County Use/David McCall
  - 07:35 UNSCHEDULED: Thanks to Maintenance Crew for Wellness Display/Liane Welch
4. 08:12 Discussion Concerning an Order Appointing Justices of the Peace Pro Tem for One Calendar Year, January 1, 2016 through December 31, 2016/Joel Stevens
5. 09:36 Discussion Concerning an Agreement with Yamhill County for Housing Juvenile Offenders/Dan Krein
  - 11:30 UNSCHEDULED: Discussion Concerning Gang/Graffiti/Liane Welch
6. Chief of Staff Report/Paul Levesque
  - 18:12 a. Discussion Concerning Authorizing Tim Josi to Sign the Escrow Documents Required for Closing the Purchase of Real Property from Diamond F for the Southern Flow Corridor Project; and b. Discussion Concerning Authorizing Tim Josi to Sign the Escrow Documents Required for Closing the Purchase of Real Property from Asghar R. Sadri for the Southern Flow Corridor Project
  - 19:06 c. Discussion Concerning Tourism Related Facilities Grant Agreement #2015-F01 with the Port of Garibaldi for the Visitor Information Booth Project
  - 19:20 UNSCHEDULED: Fall Creek Parcel Recommendation from Parks Advisory Committee/Paul Levesque
7. Staff Report/Sue Becraft
  - 32:54 Suggestion Box: There were none.
  - 32:55 Library Board Reappointment of Jane Spence
8. Board Concerns – Non-Agenda Items: There were none.
9. Public Comments – There were none.

**ADJOURN – 9:19 a.m.**

**MEETING - AUDIO12-02-2015B.MP3**  
**Vice-Chair Labhart absent (vacation)**

CALL TO ORDER: Wednesday, December 2, 2015 10:04 a.m.

1. Welcome & Request to Sign Guest List

2. Public Comment – Non-Agenda Items: There were none.

3. 00:37 Liquor License Application for a Change of Ownership with Off-Premises Sales: Center Market #26

A motion was made by Commissioner Baertlein and seconded by Chair Josi. The motion carried with two aye votes. The Chair signed the application.

4. 01:00 Consideration of Amendment #1 to Intergovernmental Agreement #4602 with Oceanside Water District to Pave Portions of Certain Roads in Oceanside/Liane Welch

A motion was made by Commissioner Baertlein and seconded by Chair Josi. The motion carried with two aye votes. The Chair signed the amendment.

5. 02:45 Consideration of a Grant Application to the Oregon Department of Environmental Quality to Procure a Mobile EPS (Expanded Polystyrene aka Styrofoam) Densifier for Multi-County Use/David McCall

A motion was made by Commissioner Baertlein and seconded by Chair Josi. The motion carried with two aye votes. The Chair signed the application.

6. 04:28 Consideration of an Order Appointing Justices of the Peace Pro Tem for One Calendar Year, January 1, 2016 through December 31, 2016/Joel Stevens

A motion was made by Commissioner Baertlein and seconded by Chair Josi. The motion carried with two aye votes. The board signed Order #15-089.

7. 08:37 Consideration of an Agreement with Yamhill County for Housing Juvenile Offenders/Dan Krein

A motion was made by Commissioner Baertlein and seconded by Chair Josi. The motion carried with two aye votes. The Chair signed the agreement.

10:38 Announcement Regarding Shop with a Cop at Denny's/Dan Krein

8. 11:27 Consideration of Authorizing Tim Josi to Sign the Escrow Documents Required for Closing the Purchase of Real Property from Diamond F for the Southern Flow Corridor Project; and  
9. Consideration of Authorizing Tim Josi to Sign the Escrow Documents Required for Closing the Purchase of Real Property from Asghar R. Sadri for the Southern Flow Corridor Project/Paul Levesque

A motion was made by Commissioner Baertlein and seconded by Chair Josi. The motion carried with two aye votes.

10. 13:25 Consideration of Tourism Related Facilities Grant Agreement #2015-F01 with the Port of Garibaldi for the Visitor Information Booth Project/Paul Levesque

A motion was made by Commissioner Baertlein and seconded by Chair Josi. The motion carried with two aye votes. The Chair signed the agreement.

11. Board Concerns – Non-Agenda Items  
14:06 Year of Wellness Drawings by School-Aged Kids/Bill Baertlein

12. Public Comments: There were none.

13. 15:00 Board Meetings and Announcements

**ADJOURN – 10:20 a.m.**

## **AGENDA**

### **WORKSHOP**

CALL TO ORDER: Wednesday, December 2, 2015 8:30 a.m.

1. Welcome & Request to Sign Guest List
2. Public Comment – Non-Agenda Items
3. Public Works Report/Liane Welch
  - a. Discussion Concerning Amendment #1 to Intergovernmental Agreement #4602 with Oceanside Water District to Pave Portions of Certain Roads in Oceanside
  - b. Discussion Concerning a Grant Application to the Oregon Department of Environmental Quality to Procure a Mobile EPS (Expanded Polystyrene aka Styrofoam) Densifier for Multi-County Use/David McCall
4. Discussion Concerning an Order Appointing Justices of the Peace Pro Tem for One Calendar Year, January 1, 2016 through December 31, 2016/Joel Stevens
5. Discussion Concerning an Agreement with Yamhill County for Housing Juvenile Offenders/Dan Krein
6. Chief of Staff Report/Paul Levesque
  - a. Discussion Concerning Authorizing Tim Josi to Sign the Escrow Documents Required for Closing the Purchase of Real Property from Diamond F for the Southern Flow Corridor Project
  - b. Discussion Concerning Authorizing Tim Josi to Sign the Escrow Documents Required for Closing the Purchase of Real Property from Asghar R. Sadri for the Southern Flow Corridor Project
  - c. Discussion Concerning Tourism Related Facilities Grant Agreement #2015-F01 with the Port of Garibaldi for the Visitor Information Booth Project
7. Staff Report/Sue Becraft
  - a. Suggestion Box
8. Board Concerns – Non-Agenda Items
9. Public Comments

### **ADJOURN**

### **MEETING**

CALL TO ORDER: Wednesday, December 2, 2015 10:00 a.m.

1. Welcome & Request to Sign Guest List
2. Public Comment – Non-Agenda Items

### **CONSENT CALENDAR**

3. Liquor License Application for a Change of Ownership with Off-Premises Sales: Center Market #26

### **LEGISLATIVE – ADMINISTRATIVE**

4. Consideration of Amendment #1 to Intergovernmental Agreement #4602 with Oceanside Water District to Pave Portions of Certain Roads in Oceanside/Liane Welch
5. Consideration of a Grant Application to the Oregon Department of Environmental Quality to Procure a Mobile EPS (Expanded Polystyrene aka Styrofoam) Densifier for Multi-County Use/David McCall
6. Consideration of an Order Appointing Justices of the Peace Pro Tem for One Calendar Year, January 1, 2016 through December 31, 2016/Joel Stevens
7. Consideration of an Agreement with Yamhill County for Housing Juvenile Offenders/Dan Krein
8. Consideration of Authorizing Tim Josi to Sign the Escrow Documents Required for Closing the Purchase of Real Property from Diamond F for the Southern Flow Corridor Project/Paul Levesque
9. Consideration of Authorizing Tim Josi to Sign the Escrow Documents Required for Closing the Purchase of Real Property from Asghar R. Sadri for the Southern Flow Corridor Project/Paul Levesque
10. Consideration of Tourism Related Facilities Grant Agreement #2015-F01 with the Port of Garibaldi for the Visitor Information Booth Project/Paul Levesque
11. Board Concerns – Non-Agenda Items
12. Public Comments
13. Board Meetings and Announcements

## **ADJOURN**

### BOARD MEETINGS AND ANNOUNCEMENTS

The commissioners will hold an executive session on **Wednesday, December 2, 2015** at **8:00 a.m.** pursuant to ORS 192.660(2)(d) to deliberate with persons designated by the governing body to carry on labor negotiations. The executive session will be held in the commissioners' meeting Room A at the Tillamook County Courthouse, 201 Laurel Avenue, Tillamook, Oregon. The executive session is not open to the public or the media.

A Leadership Team Meeting of the County Board of Commissioners with the Tillamook County Elected Officials and Department Heads will be held on **Monday, December 7, 2015** at **8:00 a.m.** The meeting will be held in the commissioners' meeting Rooms A&B in the Tillamook County Courthouse, 201 Laurel Avenue, Tillamook.

The commissioners will hold a workshop with the Fair Board on **Tuesday, December 8, 2015** at **3:00 p.m.** to discuss items of mutual concern. The workshop will be held in the commissioners' meeting Rooms A&B in the Tillamook County Courthouse, 201 Laurel Avenue, Tillamook.

The commissioners will meet with representatives of the Grand Ronde Tribes for their regular quarterly meeting on **Thursday, December 10, 2015** at **12:00 noon** in the commissioners' meeting Rooms A&B in the Tillamook County Courthouse, 201 Laurel Avenue, Tillamook.

The commissioners will hold a workshop with the County Parks Advisory Committee on **Tuesday, December 15, 2015** at **2:00 p.m.** to discuss items of mutual concern. The workshop will be held in the commissioners' meeting Rooms A&B in the Tillamook County Courthouse, 201 Laurel Avenue, Tillamook.

The commissioners will hold a workshop on **Thursday, December 17, 2015** at **2:00 p.m.** with John Upton for a quarterly report on Tillamook County's Retirement Plan. The workshop will be held in the commissioners' meeting Room B in the Tillamook County Courthouse, 201 Laurel Avenue, Tillamook.

The county's holiday schedule and the AFSCME Union Agreement designate **December 24, 2015** as a holiday. Therefore, the Tillamook County administrative offices in the Courthouse, jail, and justice facility, the Road Department, Community Development, Surveyor's office, Tillamook Library and Health Department and clinics and will be **closed** on **Thursday, December 24, 2015** to allow employees this time off. However, the State Circuit Court will be open on Thursday.

The Tillamook County Courthouse, administrative offices in the jail and justice facility, Tillamook County Road Department, Tillamook County Community Development Department, Surveyor's office, Tillamook Library and health department and clinics will be **closed** on **Wednesday, December 23, 2015** for the Christmas holiday and on **Friday, January 1, 2016** for the New Year's holiday.

The commissioners' evening board meeting schedule is as follows:

December 16, 2015	South County – Kiwanda Community Center
January 20, 2016	North County – Manzanita City Hall
February 17, 2016	South County – Kiwanda Community Center
March 16, 2016	North County – Manzanita City Hall
April 13, 2016	South County – Kiwanda Community Center
May 18, 2016	North County – Nehalem City Hall

The evening meetings will begin at 6:30 p.m.

# **BOARD OF COMMISSIONERS' WORKSHOP**

## **Wednesday, December 2, 2015**

	Present	Absent		Present	Absent
Mark Labhart	<u>          </u>	<u>  ✓  </u>	Bill Baertlein	<u>  ✓  </u>	<u>          </u>
Tim Josi	<u>  ✓  </u>	<u>          </u>	Paul Levesque	<u>  ✓  </u>	<u>          </u>

PLEASE PRINT

Name	Address	Item of Interest
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<i>Guo Meyer</i>		<i>General</i>
<i>Jan Ores</i>	<i>Juvenile</i>	<i># 5</i>
<i>Joel STEVENS</i>		<i>All</i>
<i>Wane Welch</i>		
<i>David McCall</i>		
<i>Bill SARGENT</i>		<i>ALL</i>

(Please use reverse if necessary)







Oregon Department of Environmental Quality Materials Management Program

2015 Application for Materials Management Grant Funds

<b>Name of local government applying:</b> Tillamook County	<b>Federal taxpayer ID #:</b> <u>936002312</u>
<b>Address:</b> 503 Marolf Loop Tillamook, OF 97141	<b>State Legislative Districts:</b> <b>House:</b> <u>1032</u> <b>Senate:</b> <u>516</u>
<b>Contact person:</b> David McCall	<b>Title:</b> Solid Waste Program Manager
<b>Telephone:</b> (503)815-3975	<b>E-mail:</b> dmccall@co.tillamook.or.us
<b>Name of project:</b> Procurement of a mobile EPS Compactor for multi-county use	
<b>Amount requested from DEQ:</b> \$32,000.00	<b>Total cost of project:</b> \$66,849.50
<b>Matching funds</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>Amount:</b>	<b>Is this a Priority Area proposal? If so, indicate type(s)</b> (See Application Instructions for definitions)
List Participating Jurisdictions and contact information Tillamook County Solid Waste Service District David McCall, Solid Waste Program Manager dmccall@co.tillamook.or.us Clatsop County Mike McNickle mmcnickle@co.clatsop.or.us	<input type="checkbox"/> Food Recovery <input checked="" type="checkbox"/> Plastic Recovery <input type="checkbox"/> Multi-tenant Recovery <input type="checkbox"/> Waste Prevention/Reuse
<b>Will you use a subcontractor?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>If Yes, fill out contractor information below:</b>
<b>Subcontractor name:</b>	<b>Contact person:</b>
	<b>Contact person title:</b>
<b>Subcontractor mailing address:</b>	<b>Subcontractor e-mail address:</b>
	<b>Web address:</b>
<b>Phone:</b>	<b>Web address:</b>

Please fill-in the answers to Questions 1 – 4 starting in the grey rectangle. Refer to the Instructions for assistance.

## **Question 1. Project Overview**

**Provide a brief summary of your project.** This project will reduce the quantity of plastics disposed of by separating, collecting, and recycling the EPS (commonly called: Styrofoam) from the waste stream in Tillamook and Clatsop Counties.

The economics of transporting EPS are catastrophic, since 98% of the space is simply air. The 60+ mile distance from coastal communities to existing recycling options prevent the economic viability of transporting EPS loose to them.

Tillamook County proposes to procure a mobile GreenMax A-C100 EPS compactor/densifier, mounted on a trailer. This mobile densifier can be used at multiple locations in Tillamook and Clatsop Counties. Due to weather conditions, we would want to use a trailer which can be enclosed, but opened up when in use.

A concerted effort on behalf of collection sites would ensure that EPS is removed from the waste stream, and collected at transfer stations and centralized commercial collection sites. (A typical storage facility will be able to store EPS separately, in an area which ensures it will not become a nuisance. A storage area should be able to store at least 40-50 cubic yards of EPS, and provide the densifier with standard electricity (400V, 10.25 kW during operation).)

The mobile densifier simply compresses the air out of the EPS, and compresses the material into blocks of PS, which can then be recycled. The densifier has an intake of up to 220 lbs/hour, and the compressed material has a density of 570-1140 lbs/cubic yard. Its final form are 12x12-inch blocks (broken off at the desired length). The machine can be operated by one person, who can also be the driver.

Our goal is to collect, compact, and ship annually approximately 70-75 tons of EPS to a recycling facility. This quantity equates to approx. 4,000 cubic yards/year of landfill space.

## **Question 2. Project Description**

**a. What environmental or public health need does this project address?** Based on interviews with customers at recycling locations, the single material most people would like to, but cannot currently recycle is Styrofoam (EPS). EPS is a light, buoyant, standard packing material, especially in the electronics industry. EPS poses a danger to marine, arial and ferel wildlife, as it is consumed by fish, birds and animals, may clog their digestive systems, and lead to their premature deaths. EPS, which is 98% air, can be compacted to remove the air, at which point it can be successfully marketed to be recycled into consumer products such as hangers and picture frames.

**b. What are the goals of the project?** It is our goal to collect, compact, and send to recycling 37% of the EPS in our wastestream. The majority of this will come from packaging materials, though the equipment is capable of processing clean (washed) styrofoam plates, cups, and other materials as well.

The quantity of EPS is at best an estimate. The plastics industry estimates that EPS accounts for only 0.25% of the total waste stream. According to the DEQ's most recent (2013) Waste Generation and Recovery Survey (released in December 2014), our two counties generated 82,305 tons of waste. 0.25% of that quantity is 206 tons. Assuming a 37% recovery rate (since both counties have established goals of 37% or more by 2025), this amounts to 72 tons of recovery and diversion from the landfill. We estimate that it will take a concerted effort over two years to achieve this goal.

tons generated	0.25%	37%
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Clatsop	51,895	130	45
Tillamook	30,410	76	27
Total:	82,305	206	72

**c. How will the project achieve those goals?** Tillamook County proposes to procure a mobile GreenMax A-C100 EPS densifier, mounted on a trailer. The trailer will be special-made for this densifier. A truck to pull this trailer is already available at Tillamook County Solid Waste Department. This mobile densifier can be used at multiple locations. While our initial intent is to collect and process EPS in Clatsop and Tillamook Counties, we will have the potential to assist other neighboring counties in their collection efforts as well.

A concerted effort on behalf of collection sites would ensure that EPS is removed from the waste stream, and collected at transfer stations and centralized park collection sites. (A typical storage facility will be able to store EPS separately, in an area which ensures it will not become a nuisance. A storage area should be able to store at least 50 cubic yards of EPS, and provide the densifier with standard electricity (400V, 10.25 kW during operation).)

The mobile densifier simply presses the air out of the EPS, and compresses the material into blocks of PS, which can then be recycled. The densifier has an intake of up to 220 lbs/hour, and the compressed material has a density of 570-1140 lbs/cubic yard. Its final form are 12x12-inch blocks (broken off at the desired length). The machine can be operated by one person, who can also be the driver.

A safety plan is included with the equipment. Only properly trained staff will be allowed to operate the equipment. The training and regular safety updates of operational staff members will be overseen by the Tillamook County Public Works Department.

At the collection site, the material is densified. Following densification of the collected and stored EPS, the compacted blocks would be loaded (by hand) onto the truck which pulls the trailer. 50 cubic yards of EPS would be transformed into approximately 1 cubic yard of blocks, weighing 570-1140 lbs, which could easily be hauled away on the pickup truck (already owned by Tillamook County Solid Waste) which is used to pull the densifier/trailer. The weight of the densifier (2,650 lbs) requires only a light trailer, though it should be at least 14 feet long. The densified EPS blocks will be stored on pallets in a central facility until enough has been collected to justify a shipment to the chosen recycler, i.e. full truckload or container.

Recycling possibilities for densified clean EPS are available. Depending on market conditions, the market may be both domestic and abroad. Despite fluctuating markets for plastics, the market for densified PS has been stable, and the manufacturer of the compactor is a buyer of this product, for use in the production of materials such as hangers and picture frames.

**d. How will the project's success in achieving the goals be measured?** The project's success will be measured in the success rates of collection sites, which translate into the quantity of EPS collected, compacted, and shipped to recycling, thereby diverted from the landfill. We anticipate that this project will be integrated into the standard operating procedures of our County materials management programs, and continued for years to come.

### **Question 3. Project Resources and Commitment**

**a. Identify the key people who will be involved in developing and implementing the project and describe the roles they will play.** The project lead for this project will be David McCall, Tillamook County Solid Waste Program Manager. David will coordinate the activities with the individual collection sites, as organized and maintained through the activities of the solid waste coordinator in Clatsop County, Mike McNickle, as well as the transfer station operator, Recology Western Oregon, as represented by Fred Stemmler and Dave Larmouth. The operational functions of collecting will be undertaken by the operators of the transfer stations, as collection sites, each of which is overseen by their appropriate county solid waste coordinators. Each of the Tillamook County transfer stations has committed to becoming a collection site. Collection will occur during normal working hours of the sites. David will oversee the disposition of personnel and equipment to each site where compaction and removal of EPS is needed, as well as

storage of compacted materials and logistical coordination with the buyer. A Tillamook County Solid Waste employee (Transfer Station Attendant) will be in charge of compactor operation and hauling of compacted materials. Compacted EPS will be stored in a closed, secure location at a Tillamook County transfer station. No additional buildings will need to be constructed, but existing structures will be used.

Both counties will include this project in their outreach and education activities, geared towards both residential and commercial operations. The outreach activities will include direct outreach during customer visits, as well as radio interviews, newspaper ads, school visits, and on site promotion at collection sites.

All of the above costs will be covered through in-kind contributions from the appropriate organization. No labor, overhead, or other costs will be charged to the project budget.

**b. How will your project be cost-effective?** Standard Equipment and Labor costs for one site (with an average of 50-60 cubic yards EPS collected) would run approximately \$400. (Calculated based on 2 hours of transport, 5 hours of densifying, and 1 hour preparation, unloading, cleaning, etc.) This cost will be borne by Tillamook County.

Tillamook County Solid Waste Department (TCSW) has available a truck which can be used for this function. The cost of procurement of this vehicle has been made by TCSW, and the operating costs will be covered by the fee paid by the collectors of the EPS, as avoided landfill costs. The operating costs (estimated at \$400 per load of EPS) are similar to the current market prices for compacted materials. Thus the system will operate based on its own sustainable economics, while saving landfill costs and volume.

Through this mobile EPS densifying system, EPS can be collected in several locations in rural counties in a cost-effective manner, compacted, and then shipped to market in a consolidated manner. Without such a mobile system, the costs of transporting uncompacted EPS to recycling facilities in the Portland area or the Willamette Valley are prohibitive. This system will serve not only as a solution to recycling EPS in counties in the Northwest Region, but also as an example for other rural counties to follow.

**c. What community support do you have for the project?** Letter of support from Clatsop County, Commitment from all Tillamook County transfer stations and recycling depots to become collection centers, Requests from local residents and businesses to find viable solutions for recycling Styrofoam (EPS).

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#### **Question 4. Potential for Project Continuity/Ongoing Benefits**

**Describe any on-going benefits from this project after the grant period.** We intend to utilize this equipment not only during the first 1-2 years, but for the best possible lifespan of the equipment, providing a viable solution for EPS densifying in the region for at least five, but preferably 8-10 years. This will be an ongoing benefit to the county solid waste programs and consumers, reducing the quantity of EPS sent to landfills, and increasing the quantity of quality materials economically and sustainably channeled into existing recycling markets. While the quantity may not seem significant on a large scale, it is significant for rural communities, and the diversion from landfill is diversion which does not return. This will help build consciousness and commitment to this and other recycling programs, while having a low environmental footprint and significant environmental benefits. DEQ's support for this project will enable us to have a continuing, positive impact on our communities which lasts far longer than the initial grant period.

## Project Budget

Complete all sections of the budget. **"Matching Funds" are cash contributions ONLY**, used to support the grant project. (**"In-kind contributions"** such as office space, goods or services, and labor should NOT be reported here, but listed in relevant Questions above.)

(A) **PERSONNEL SERVICES** - List principal personnel by name and project title. Include salaries and costs of benefits, such as quoted payments for insurance, retirement, social security, etc. Be sure to give subtotals of funds requested, matching resources, and total costs in the spaces provided. Then, state the source of the matching funds.

(A) List Project Personnel	Hourly Rate	Est. Hours on Project	DEQ Grant Funds Requested	Matching Funds (optional)	Total Costs
1. David McCall	\$58.81	150	\$0.00	\$0.00	\$8,821.50
2. Michael McNickle					
3. Pacific City Transfer Station Attendant	\$33.80	560	\$0.00	\$0.00	\$18,928.00
4.					
5.					
6.					
SUBTOTAL			\$0.00	\$0.00	\$27,749.50

Source of matching funds: \_\_\_\_\_

(B) **PROFESSIONAL SERVICES** - List consultants, contractors, etc. Be sure to give subtotals of funds requested, matching funds, and total costs in the spaces provided. Then, state the source of the matching funds.

(B) List Consultants or Contractors	Hourly Rate	Est. Hours on Project	DEQ Grant Funds Requested	Matching Funds (optional)	Total Costs
1.					
2.					
3.					
4.					
SUBTOTAL					

Source of matching funds: \_\_\_\_\_

(C) **CAPITAL OUTLAY** - List all items to be purchased with a value greater than \$5,000. Be sure to give subtotals of grant funds requested, matching funds, and total costs in the spaces provided. Then, state the source of the matching funds. **For items costing \$5,000 or more, provide a bid or spec sheet** that demonstrates the anticipated cost.

(C) List Capital Outlay Items	DEQ Grant Funds Requested	Matching Funds (optional)	Total Costs
1. Greenmax Compactor A-C100	\$29,000.00		\$29,000.00
2. Trailer for mounting compactor, made to specifications	\$3,000.00		\$3,000.00
3.			
4.			
SUBTOTAL	\$32,000.00		\$32,000.00

Source of matching funds: \_\_\_\_\_

(D) **SERVICES AND SUPPLIES** - Include items not listed in "Personnel Services," "Professional Services," and "Capital Outlay." Examples are computer services, duplicating, materials/supplies, postage, publication charges, telephone, fuel, automobile mileage, travel, etc. The need for services and supplies should be clear from your answers to the questions on page 2. If you need to clarify further, you may provide additional information below. For example, if you include costs for travel, be certain to explain who will travel, where they will go, the purpose of the travel, and specific expenses (mileage, accommodations, meals, etc.). Be sure to give subtotals for funds requested, matching funds, and total costs. Then, state the source of the matching funds.

<b>(D) List Services and Supplies</b>	<b>DEQ Grant Funds Requested</b>	<b>Matching Funds (optional)</b>	<b>Total Costs</b>
1. Vehicle mileage for establishing and maintaining collection sites in Tillamook County	\$0.00	\$0.00	\$300.00
2. Vehicles mileage for establishing and maintaining collection sites in Clatsop County	\$0.00	\$0.00	\$300.00
3. Establish collection and storage areas for EPS at sites	\$0.00	\$0.00	\$2,000.00
4. Establish storage area for compacted EPS	\$0.00	\$0.00	\$500.00
5. Vehicle milage for compaction trips	\$0.00	\$0.00	\$4,000.00
6.			
7.			
8.			
<b>SUBTOTAL</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$7,100.00</b>

Source of matching funds: \_\_\_\_\_

Additional Information: The above costs will be covered by the participating organization as part of the in-kind participation costs for this project.

(E) **PROJECT BUDGET SUMMARY** - Fill in all applicable spaces. Be sure to total grant funds requested, matching funds, and total costs.

<b>(E) Project Budget and Summary</b>	<b>DEQ Grant Funds Requested</b>	<b>Matching Funds (optional)</b>	<b>Total Costs</b>
A. Personnel Services	\$0.00	\$0.00	\$27,749.50
B. Professional Services	\$0.00	\$0.00	\$0.00
C. Capital Outlay	\$32,000.00	\$0.00	\$32,000.00
D. Services and Supplies	\$0.00	\$0.00	\$7,100.00
E. Total DEQ Grant Funds Requested	\$32,000.00		
F. Total Matching Funds Committed		\$0.00	
G. Total Project Cost			\$66,849.50

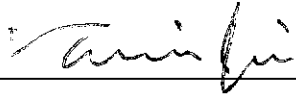




## Signatures

The **authorized representative** of the local government applying must sign the application. This is an official who has the authority to obligate the applicant's resources and is usually an elected official such as chair of the county commission, county executive, mayor, city manager, or chair of the city council. If more than one local government is applying, you must have signatures of authorized representatives from each jurisdiction.

*I certify that, to the best of my knowledge, the information provided in this application and attachments is correct and true. I understand and agree that if grant money is awarded as a result of this application, I will comply with all applicable statutory provisions and with applicable terms, conditions, and procedures of the DEQ grant agreement.*

Signature of Authorized Representative (Applicant #1)  Date 12-02-15

Title Chair, Tillamook County Board of Commissioners Telephone Number 503-842-3403


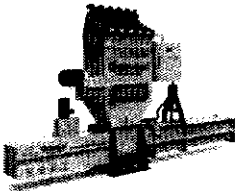
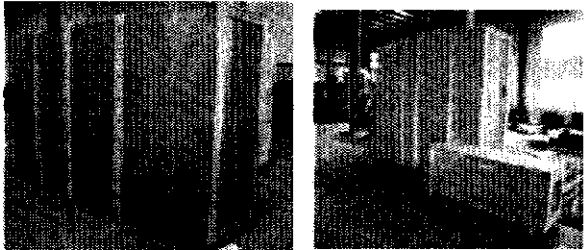
Signature of Authorized Representative (Applicant #2) \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_ Telephone Number \_\_\_\_\_

Signature of Authorized Representative (Applicant #3) \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_ Telephone Number \_\_\_\_\_

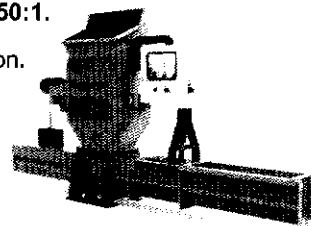
**Scan signed page and attach to completed Application Form prior to emailing**

		<b>QUOTATION</b>		No.: <b>GM-15058</b>		QUOTN. Date: <b>Sep.30th, 2015</b> QUOTN. VALIDITY DATE: <b>Apr.30th, 2016</b>	
<b>FROM:</b> <b>Intco Recycling</b> Contact Name: Jane Add: 3F, Building 9, CHJ Pujiang Hi-Tech park(188 Xinjunhuan Rd), shanghai 201114,China. Tel: +86 21 34978818-1153 Fax: +86 21 34978808 Email: janeliu@intco.com.cn							
<b>PRICE</b>							
DESCRIPTION		PHOTO	MODELL	QTY.	RATE:USD	PER	AMOUNT USD
Greenmax Compactor Apollo Serien			A-C100	1	\$29,000.00	SET	\$29,000.00
Price term		DDP American Warehouse					
<b>REMARKS:</b> 1 PAYMENT: 50% DEPOSIT,50% AGAINST B/L 2 DELIVERY: 30 DAYS AFTER DEPOSIT 3 GUARANTEE: ONE YEAR AFTER STARTING 4 PACKING: WOOD PACKAGE,FUMIGATED,40HQ,LCL							
<b>TECHNICAL REQUIREMENT</b> 1 POWER SOURCE: 400V50Hz 2 APPLICABLE MATERIAL REQUIREMENT: EPS/XPS/PSP 3 CSA STANDARD							
<b>TECHNISCHE DATEN</b>							
A-C100		Total Power Consumption		10.25 KW /13.75 HP			
		Dimensions		3900×650×2010 (l/w/h) mm			
		Shipping Dimensions		Main part: 2900×760×2220 (l/w/h) mm Output chute: 1310×500×620 (l/w/h) mm			
		Weight		1,500 kg			
		Packing					
		EPS Block Dimensions		300×300(w/h) mm / 12×12(w/h) in.			
		Applicable Material		EPS/XPS/PSP			
		Production Capacity		100 kg per hour / 220 lbs per hour			
		EPS Compression Ratio		50:1			
		Compressed EPS Density		200-400 kg/m3 / 570-1140 lbs/cubic yard			
Standard		CE / UL / CSA					

### GREENMAX™ Compactor **APOLO C100**

For All Polystyrene Foam: EPS/XPS/PSP and Polypropylene Foam: EPP

- **Screw compression technology produces continuous logs at a ratio of 50:1.**
- **Mechanical Compression Technology, Safe, No fumes, Lower Consumption.**
- **Siemens Control System** makes the operation easy and simple.
- **Famous brand components** like SIEMENS, PHOENIX, NSK, etc.
- **CE/UL/CSA standards.**



#### > Technical Data

ITEM	A-C100
Total Power Consumption	10.25 kw / 13.75 hp
Crusher Power Consumption	2.2 kw / 2.95 hp
Production Capacity	100 kg per hour / 220 lbs per hour
EPS Compression Ratio	50:1
Compressed EPS Density	200-400 kg/m <sup>3</sup> / 570-1140 lbs/cubic yard
EPS Block Dimensions	300*300 (w/h) mm / 12*12 (w/h) in.
Feed Hopper Dimension	800*515 (l/w) mm / 31*20 (l/w) in.
Dimensions	3900*650*2010 (l/w/h) mm / 154*26*79 (l/w/h) in.
Shipping Dimensions	Main part: 2900*760*2220 (l/w/h) mm / 114*30*87 (l/w/h) in. Output chute: 1310*500*620 (l/w/h) mm / 55*20*24 (l/w/h) in.
Weight	1,500 kg / 3,300 lbs
Standard	CE / UL / CSA

Remarks: We can design tailor-made GreenMax™ EPS compactors according to customer's special requirements **FREE OF CHARGE.**

#### APPLICABLE MATERIAL:



EPS  
Expanded Polystyrene



EPS  
Expanded Polystyrene



PSP  
Polystyrene Foam



EPP  
Expanded Polypropylene

**GRANT WORKSHEET**

**FY 2015/2016 BUDGET**

Please check here if no salaries are funded by this grant. If the grant is funding all or part of an employees salary:  
COMPLETE PAGE 2 OF THIS WORKSHEET

**Funding Source Code**  
*For Accounting Department use only*

**County Fund & Dept Receiving Grant**  
Solid Waste

**Award Period:**  
Begin: 2/29/2016  
End: 6/30/2016

**Common Name**  
EPS Densifier DEQ Grant  
*Everyday name used within your department*

**Formal Name**  
Procurement of a mobile EPS Compactor for multi-county use  
*Complete formal name given to grant by funding source*

**PLEASE ATTACH COPY OF GRANT AWARD**

**Source of Funds**

*Where did the funding come from?*  
Did the funds come directly to the county from the federal government?  
Did the funds pass through the State of Oregon or another organization before arriving at the county?

**Grant Number:**  
*If Federal Grant: CFDA Number*  
*If State Grant: Number assigned by state funding source*

- Direct, federal government, dept of \_\_\_\_\_ CFDA: \_\_\_\_\_
- Indirect, federal government, dept of \_\_\_\_\_ CFDA: \_\_\_\_\_  
and State of Oregon, dept/division of \_\_\_\_\_
- Indirect, federal government, dept of \_\_\_\_\_ CFDA: \_\_\_\_\_  
and another entity or organization \_\_\_\_\_
- Direct, State of Oregon, dept/division of DEQ \$ 32,000.00
- Indirect, State of Oregon, dept/division of \_\_\_\_\_  
via another entity or organization \_\_\_\_\_
- Other \_\_\_\_\_

**Total Amount of Award:** \$ 32,000.00

<b>Is this a new grant?</b>		<b>Match Requirement Amount</b>		<b>Is this a multiyear grant?</b>	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<b>Payment Method:</b>		How Much:		<b>IF Yes:</b>	
<input checked="" type="checkbox"/> Advance	<input type="checkbox"/> Reimbursement	\$34,049.50		Amount Applicable to Current Budget Year:	
<b>Reporting Cycle</b>		<input type="checkbox"/> Hard Dollar Match		\$	
<input type="checkbox"/> Monthly	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> In-Kind (IDENTIFY below) Staff time, fuel, facility use			
<input checked="" type="checkbox"/> Semi-Annual	<input type="checkbox"/> Annual	Grant Administrator:		David McCall	
		Accounting Contact:			