

Part 3 of 3 Agenda Item E only

OREGON
ENVIRONMENTAL QUALITY
COMMISSION MEETING
MATERIALS 12/12/2002



State of Oregon
**Department of
Environmental
Quality**

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Oregon Environmental Quality Commission Meeting December 12-13, 2002

Oregon Department of Environmental Quality (DEQ)
Headquarters Building, Room 3A
811 SW Sixth Avenue, Portland, Oregon

Thursday, December 12, 2002

Prior to the regular meeting, the Commission will hold an executive session beginning at 10:00 a.m., as allowed by ORS 192.660(1)(i), to review and evaluate the employment-related performance of the Director pursuant to the standards, criteria and policy directives adopted by the Commission in January 2002.

The regular Commission meeting will begin at 1:00 p.m. in DEQ Room 3A

- A. Contested Case No. WPM/D-NWR-99-186 regarding Caleb Siaw, M.D.**
The Commission will consider a contested case between DEQ and Dr. Caleb Siaw, in which Dr. Siaw appealed a May 2002, proposed order assessing him a \$317,700 civil penalty for violating a Commission order. The Commission order required Dr. Siaw to design and construct a new on-site sewage disposal system for a mobile home park he owned in Seaside, Oregon. The Commission will hear arguments from both parties on the case.
- B. Director's Dialogue**
Stephanie Hallock, DEQ Director, will discuss current events and issues involving the Department and state with the Commission.
- C. Action Item: Vote on new Commission Chair**
Commissioners will discuss and vote on a new Commission Chair person to replace outgoing Chair, Melinda Eden.

Joint meeting session with the Oregon Economic and Community Development Commission 3:00 p.m., World Trade Center, Sky Bridge A & B, S.W. Second St., Portland Oregon

At approximately 3:00 p.m., the Environmental Quality Commission will join the Oregon Economic and Community Development Commission for a joint meeting session at the World Trade Center, Sky Bridge A&B, located at SW Second & Salmon Street in downtown Portland. The joint session will feature two discussion topics:

- Maximizing financial support to communities in need of wastewater treatment system improvements
- Removing barriers to economic development in Oregon

Following the meeting, Commissioners will hold a joint reception at the World Trade Center as an opportunity for informal discussion and relationship building.

Friday, December 13, 2002

At approximately 8:00 a.m., the Commission will hold an executive session to consult with counsel concerning legal rights and duties regarding current and potential litigation against the Department. Executive session is held pursuant to ORS 192.660(1)(h). Only representatives of the media may attend, and media representatives may not report on any deliberations during the session.

The regular Commission meeting will begin at 8:30 a.m. in DEQ Room 3A

D. Approval of Minutes

The Commission will review, amend if necessary, and approve draft minutes of the October 3-4, 2002, Environmental Quality Commission meeting.

E. Action Item: Consideration of Pollution Control Facilities Tax Credit Requests

In 1967, the Oregon Legislature established the Pollution Control Facility Tax Credit Program to help businesses meet environmental requirements. The program was later expanded to encourage investment in technologies and processes that prevent, control or reduce significant amounts of pollution. In 1999, nonpoint source pollution control facilities were made eligible for the program. At this meeting, the Commission will consider tax credit applications for facilities that control air and water pollution, recycle solid and hazardous waste, reclaim plastic products, and control pollution from underground storage tanks.

F. Informational Item: Update on Status of Umatilla Chemical Agent Disposal Facility

Sue Oliver and Thomas Beam, DEQ Chemical Demilitarization Program staff, will update the Commission on the Umatilla Chemical Agent Disposal Facility, including the status of trail burns, an in-progress permit modification and a schedule for facility operation.

G. Public Comment Opportunity on Port Westward Energy Facilities Project and Proposed Wastewater Discharge Permit

The Commission will invite public comment on the proposed wastewater discharge permit for the Port Westward Energy Facilities Project. The proposed project includes construction of two natural gas fired power plants and one ethanol production plant on land owned by the Port of St. Helens adjacent to the Columbia River near Clatskanie. The Port has applied to DEQ for a wastewater permit for the collection and discharge of treated wastewater to the Columbia River from the new facilities. At a future meeting, DEQ will ask the Commission to make a determination about the impact of this project on Columbia River water quality. DEQ is in the process of soliciting public input on the proposed wastewater permit and other information that will support the Commission's determination.

H. *Rule Adoption: Total Maximum Daily Loads (TMDL) Rules

Since the early 1980s, DEQ has been establishing Total Maximum Daily Loads, or TMDLs, for waterbodies that do not meet water quality standards. A TMDL identifies the maximum amount of a pollutant a waterbody can receive and still meet water quality standards, and allocates portions of that amount to pollutant sources or groups of sources. A TMDL also includes a Water Quality Management Plan describing strategies that will achieve the targeted pollution inputs. TMDLs are implemented through permits and through implementation plans adopted by federal, state, or local governmental agencies with authority over contributing sources. At this meeting, Mike Llewelyn, DEQ Water Quality Division Administrator, will present rules to adopt the process DEQ has been using for the past few years to develop and implement TMDLs.

I. *Rule Adoption: Oil Spill Contingency Planning and Fees

In 2001, the Legislature changed requirements for the way in which large ships and other marine vessels plan for how they would respond to oil spills. At this meeting, Dick Pedersen, DEQ Land Quality Division Administrator, will propose rules to implement the legislative changes, including new fees for regulated vessels and facilities to support DEQ's Emergency Response program. The proposed rules would confirm DEQ as the lead agency for responding to hazardous chemical and oil spills, define "spill response zones" within the state's navigable waters, specify equipment requirements for those zones, and require spill contingency plans for all fuel pipelines (current rules only require plans for pipelines that transfer oil over certain state waters).

J. *Rule Adoption: Enforcement Procedures and Civil Penalties for Ballast Water Management, Oil Spill Planning, and Emergency Response to Hazardous Material Spills

Dick Pedersen, DEQ Land Quality Division Administrator, will propose rules that align state enforcement procedures and penalties with recent rule changes in DEQ's Emergency Response program. The proposed rules include revised enforcement classifications for ballast water management and planning requirements for oil and hazardous material spills.

K. Temporary Rule Adoption: Asbestos Requirements

Asbestos is a hazardous air pollutant and known carcinogen. To protect public health, DEQ regulates disposal of asbestos-containing materials from demolition, construction, repair, and maintenance of public and private buildings. DEQ's asbestos rules, designed to prevent asbestos fiber release and exposure, were modified in January 2002 to strengthen public health protection. At this meeting, Andy Ginsburg, DEQ Air Quality Division Administrator, will propose a temporary rule to provide relief from some relatively new asbestos requirements that have caused implementation problems for some Oregon businesses. After adoption of the temporary rule, DEQ plans to work with a stakeholder group on redefining those rule requirements to be easier to use.

L. Informational Item: Response to Commission Request for Analysis of Mercury Reduction Goals and Mixing Zones

In July 2002, the Commission requested information from DEQ on state mercury reduction goals and the discharge of toxics in water quality mixing zones. At this meeting, Dick Pedersen, DEQ Land Quality Division Administrator, and Mike Llewelyn, DEQ Water Quality Division Administrator, will lead a two-part presentation of information and analysis on current and potential state efforts to reduce mercury and other toxic substances.

M. Commissioners' Reports

Adjourn

Environmental Quality Commission Meetings scheduled for 2003:

January 30-31, March 20-21, May 8-9, June 26-27, August 14-15, October 9-10, December 4-5

Agenda Notes

*Hearings have been held on Rule Adoption items and public comment periods have closed. In accordance with ORS 183.335(13), no comments may be presented by any party to either the Commission or Department on these items at any time during this meeting.

Copies of staff reports for individual agenda items are available by contacting Emma Snodgrass in the Director's Office of the Department of Environmental Quality, 811 SW Sixth Avenue, Portland, Oregon 97204; telephone 503-229-5990, toll-free 1-800-452-4011 extension 5990, or 503-229-6993 (TTY). Please specify the agenda item letter when requesting reports. If special physical, language or other accommodations are needed for this meeting, please advise Emma Snodgrass as soon as possible, but at least 48 hours in advance of the meeting.

Public Forum: The Commission will break the meeting at approximately 11:30 a.m. on Friday, December 13, to provide members of the public an opportunity to speak to the Commission on environmental issues not part of the agenda for this meeting. Individuals wishing to speak to the Commission must sign a request form at the meeting and limit presentations to five minutes. The Commission may discontinue public forum after a reasonable time if a large number of speakers wish to appear. In accordance with ORS 183.335(13), no comments may be presented on Rule Adoption items for which public comment periods have closed.

Note: Because of the uncertain length of time needed for each agenda item, the Commission may hear any item at any time during the meeting. If a specific time is indicated for an agenda item, an effort will be made to consider that item as close to that time as possible. However, scheduled times may be modified if participants agree. Those wishing to hear discussion of an item should arrive at the beginning of the meeting to avoid missing the item.

Environmental Quality Commission Members

The Environmental Quality Commission is a five-member, all volunteer, citizen panel appointed by the governor for four-year terms to serve as DEQ's policy and rule-making board. Members are eligible for reappointment but may not serve more than two consecutive terms.

Melinda S. Eden, Chair

Melinda Eden is an attorney, farm owner and former reporter for the Associated Press. Her education includes a J.D. from the University of Oregon and a certificate in Natural Resources from the University of Oregon Law School. Chair Eden was appointed to the EQC in 1996 and reappointed for an additional term in 2000. She became vice chair in 1998 and chair in 1999. Chair Eden currently resides in Milton-Freewater.

Tony Van Vliet, Vice Chair

Tony Van Vliet received his B.S. and M.S. in Forest Production at Oregon State University. He has a Ph.D. from Michigan State University in Wood Industry Management. Commissioner Van Vliet served sixteen years as a member of the Public Lands Advisory Committee, has been a member of the Workforce Quality Council, served sixteen years as a State Representative on the Legislative Joint Ways and Means Committee, and served eighteen years on the Legislative Emergency Board. He currently resides in Corvallis. Commissioner Van Vliet was appointed to the EQC in 1995 and reappointed for an additional term in 1999.

Mark Reeve, Commissioner

Mark Reeve is an attorney with Reeve & Kearns in Portland. He received his A.B. at Harvard University and his J.D. at the University of Washington. Commissioner Reeve was appointed to the EQC in 1997 and reappointed for an additional term in 2001. He serves as the Commission's representative to the Oregon Watershed Enhancement Board, for which he is Co-Chair.

Harvey Bennett, Commissioner

Harvey Bennett is a retired educator. He has taught and administered at all levels of education, concluding as president emeritus of Rogue Community College. Commissioner Bennett has a B.S., M. Ed. and Ph.D. from the University of Oregon. Commissioner Bennett was appointed to the EQC in 1999 and he currently resides in Grants Pass.

Deirdre Malarkey, Commissioner

Deirdre Malarkey is a graduate of Reed College and has graduate degrees from the University of Oregon in library science, Middle Eastern urban and arid land geography, and a Ph.D. in geography. Commissioner Malarkey has served on the Water Resources Commission, the Governor's Watershed Enhancement Board, and the Natural Heritage Advisory Board for the State Land Board. Commissioner Malarkey was appointed to the EQC in 1999 and she currently resides in Eugene.

Stephanie Hallock, Director

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Mikell O'Mealy, Assistant to the Commission

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State of Oregon
Department of Environmental Quality

Memorandum

Date: November 25, 2002
To: Environmental Quality Commission
From: Stephanie Hallock, Director *S. Hallock*
Subject: Agenda Item E, Action Item: Tax Credit Consideration
December 13, 2002 EQC Meeting

Proposed Action Commission decision on DEQ's analysis and recommendations on Pollution Control Facilities Tax Credit applications. Attachment A summarizes all applications.

Key Issues There are no key issues presented in this Agenda Item. Each individual Review Report describes the reasons for the recommendation to approve certification as a pollution control facility for tax credit purposes.

On December 6, 2002, the Department will mail an addendum to Agenda Item E to the Commission for consideration at its December 13, 2002 meeting. The addendum will allow additional time for the Department to continue processing applications. The Department will have reviewed over 600 tax credit applications by year-end. This exceeds the previous record by approximately 200 applications.

The provisions of ORS 468.165(3), 468.165(6), and ORS 468.170(1) require the EQC to act on an application within 120 days of the date the Department determines an application is "complete and ready to process." The extra processing time will help the Department meet this requirement.

A number of applicants have cited the poor economy as the impetus for submitting an application this year. The EQC's certification by calendar year-end will allow the recipient to use the credit on their 2002 Oregon Tax Return.

EQC Action Alternatives Any application may be postponed to a future meeting if the Commission:

- Requires the Department or the applicant to provide additional information; or
- Makes a determination different from the Department's recommendation and that determination may have an adverse effect on the applicant.

Department Recommendation The Department recommends the Commission:

- **Approve** certification of the facilities represented in Attachment B; and
- **Transfer** two certificates represented in Attachment C.

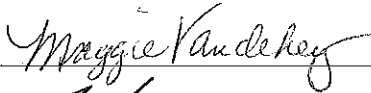
Attachments A. Summary & Recommendations
 B. Approvals
 C. Transfers


Available Upon Request 1. ORS 468.150 to 468.190 & OAR 340-016-0005 to 340-016-0080

Approved:

Section:

Division:





Report Prepared By: Maggie Vandehey
Phone: 503-229-6878

Attachment A

Summary Recommendations

APPROVALS

App #	Applicant	Claimed	Certified	Difference	% Allocable	Maximum Tax Credit	GF Liability	Media	Notes
5346	Golden Valley Farms, LLC	119,444	119,444		100%	50%	59,722	FB	
5379	Golden Valley Farms, LLC	128,849	128,849		100%	50%	64,425	FB	
5645	50% Fessler Family LLC, 25%	250,000	250,000		100%	50%	125,000	FB	
5726	Pepsi-Cola Bottling Co.	39,402	39,402		100%	50%	19,701	SW	
5779	Dean McKay Farms, Inc.	65,270	34,750	(30,520)	100%	50%	17,375	FB	
5831	Baker Sanitary Service, Inc.	35,000	35,000		100%	50%	17,500	SW	
5851	Waste Connections Inc.	177,279	177,279		100%	50%	88,640	SW	
5893	Clackamas Compost Products	23,650	23,650		100%	50%	11,825	SW	
5894	McKee Farms	133,473	133,473		100%	50%	66,737	FB	
5898	Edelweiss Farms, LLC	46,168	46,168		100%	50%	23,084	SW	
6052	ASW Disposal, Inc.	2,624	2,624		100%	50%	1,312	SW	
6053	ASW Disposal, Inc.	11,873	11,873		100%	50%	5,937	SW	
6088	Western Bank	155,075	155,075		100%	50%	77,538	SW	
6089	Western Bank	190,786	190,786		100%	50%	95,393	SW	
6090	Grimm's Fuel Company, Inc.	217,000	217,000		100%	50%	108,500	SW	
6091	Pacific Sanitation Inc.	22,247	22,247		100%	50%	11,124	SW	
6097	Western Pulp Products Co.	19,824	19,824		100%	50%	9,912	SW	
6108	Premier West Bank	456,592	456,592		100%	50%	228,296	SW	
6109	Premier West Bank	175,000	175,000		100%	50%	87,500	SW	
6122	Pacific Sanitation, Inc.	21,481	14,196	(7,285)	100%	35%	4,969	SW	
6147	Timothy L. Pfeiffer	105,029	22,027	(83,002)	93%	50%	10,243	FB	
6150	Container Recovery, Inc.	39,564	39,564		100%	50%	19,782	SW	
6152	Container Recovery, Inc.	39,564	39,564		100%	50%	19,782	SW	
6154	Container Recovery, Inc.	9,996	9,996		100%	50%	4,998	SW	
6155	Container Recovery, Inc.	9,996	9,996		100%	50%	4,998	SW	
6158	Container Recovery, Inc.	39,354	39,354		100%	50%	19,677	SW	
6159	Container Recovery, Inc.	19,992	19,992		100%	50%	9,996	SW	
6161	Safeway, Inc.	45,592	45,592		100%	50%	22,796	SW	
6162	Safeway, Inc.	45,342	45,342		100%	50%	22,671	SW	
6163	Safeway, Inc.	44,092	44,092		100%	50%	22,046	SW	
6164	Safeway, Inc.	30,228	30,228		100%	50%	15,114	SW	

Attachment A

Summary Recommendations

App #	Applicant	Claimed	Certified	Difference	% Allocable	Maximum Tax Credit	GF Liability	Media	Notes
6165	Safeway, Inc.	26,272	26,272		100%	50%	13,136	SW	
6166	Safeway, Inc.	46,205	46,205		100%	50%	23,103	SW	
6167	Safeway, Inc.	32,785	32,785		100%	35%	11,475	SW	
6220	Golden Valley Farms, LLC	436,549	436,549		100%	50%	218,275	FB	
6221	Golden Valley Farms, LLC	153,000	153,000		100%	50%	76,500	FB	
6222	Golden Valley Farms, LLC	16,000	16,000		100%	50%	8,000	FB	
6223	Golden Valley Farms, LLC	299,229	299,229		100%	50%	149,615	FB	
6224	Golden Valley Farms, LLC	127,500	127,500		100%	50%	63,750	FB	
6225	Golden Valley Farms, LLC	29,235	29,235		100%	50%	14,618	FB	
6226	Golden Valley Farms, LLC	75,025	75,025		100%	50%	37,513	FB	
6227	Golden Valley Farms, LLC	139,173	139,173		100%	50%	69,587	FB	
6232	Kiser Enterprises, Inc.	31,000	31,000		100%	35%	10,850	SW	
6235	Dennis' Seven Dees Landscaping,	61,000	61,000		100%	35%	21,350	SW	
6236	Container Recovery, Inc.	126,269	126,269		100%	50%	63,135	SW	
6237	Container Recovery, Inc.	363,535	363,535		74%	50%	134,508	SW	
6238	Newberg Garbage Service, Inc.	533,447	347,912	(185,535)	100%	35%	121,769	SW	
6252	Newberg Garbage Service, Inc.	3,361	3,361		100%	50%	1,681	SW	
6253	Newberg Garbage Service, Inc.	10,411	10,411		100%	50%	5,206	SW	
6254	Newberg Garbage Service, Inc.	2,711	2,711		100%	35%	949	SW	
6263	Martinson Farms	157,246	155,854	(1,392)	100%	50%	77,927	FB	
6267	Newberg Transfer and Recycling	83,352	83,677	325	100%	35%	29,287	SW	
6268	Newberg Transfer and Recycling	12,940	12,940		100%	50%	6,470	SW	
6288	Pepsi Cola Bottling Company of	38,126	38,126		100%	50%	19,063	SW	
6291	Medallion Cabinetry, Inc.	120,917	120,917		100%	50%	60,459	SW	
6296	PremierWest Bank Leasing	30,288	30,288		100%	35%	10,601	SW	
6303	Container Recovery, Inc.	24,750	24,750		100%	35%	8,663	SW	
6304	Container Recovery, Inc.	24,750	24,750		100%	35%	8,663	SW	
6306	Container Recovery, Inc.	19,782	19,782		100%	50%	9,891	SW	
6307	Container Recovery, Inc.	24,750	24,750		100%	35%	8,663	SW	
6308	Container Recovery, Inc.	24,750	24,750		100%	35%	8,663	SW	
6310	Container Recovery, Inc.	9,996	9,996		100%	50%	4,998	SW	
6311	Container Recovery, Inc.	49,500	49,500		100%	35%	17,325	SW	

Attachment A

Summary Recommendations

App #	Applicant	Claimed	Certified	Difference	% Allocable	Maximum Tax Credit	GF Liability	Media	Notes
6312	Container Recovery, Inc.	49,500	49,500		100%	35%	17,325	SW	
6313	Container Recovery, Inc.	49,500	49,500		100%	35%	17,325	SW	
6314	Container Recovery, Inc.	24,000	24,000		100%	50%	12,000	SW	
6334	Golden Valley Farms	157,340	157,340		100%	50%	78,670	FB	

67 Apps

\$ 6,133,979 \$ 5,826,571 (307,409)

\$ 2,737,595

TRANSFERS

Certificate 4240

FROM: Don Worthington
TO: Wimer Market and Video

Certificate 4350

FROM: Ivy's Tumalo Store
TO: J.B.'s Tumalo Store

* **Bold rows indicate the facility includes a replacement of a previously certified facility.**

Attachment B

Approvals

The Department recommends that the Environmental Quality Commission (EQC or Commission) approve certification of the **67** applications presented in this attachment. The Department bases its recommendations on the evidence in each application record that clearly supports certification under the Pollution Control Facilities Tax Credit regulations. The Department presents its analysis of each application in the attached Review Reports which are listed by application number under two categories:

- 1) Alternatives to Field Burning
- 2) Material Recovery

The material recovery reports include modifications to the format of the review. These changes coincide with a contract recently awarded to a new engineering firm to review tax credit applications. PBS Engineering and Environmental is the new contract firm and they have eight reviewers who may be involved in reviewing tax credit applications. The Department's goal in modifying the format is to make sure the engineers are consistent in their review and that they provide the Department with the information needed to make an accurate recommendation to the EQC.

NOTE:

- There are no applications presented for preliminary certification.
- The Department recommends the EQC certify **five** facilities for an amount less than the applicants claimed on their applications and **one** facility for an amount that is more than the applicant claimed on the application. These are shown under the column headed **Difference** on the Summary.
- The percentage of the facility cost allocable to pollution control is less than 100% on **two** facilities presented for approval.
- **Fifty-three** facilities are eligible for the 50% maximum credit because the applicant completed construction of the facility before 2002. **Fourteen** facilities are eligible for the 35% maximum tax credit because the applicant completed construction in 2002.
- **Two** facilities replace previously certified facilities. Replacements are shown in bold type in Attachment A.

APPROVALS: Alternatives to Field Burning Facilities

The Department recommends that the Commission approve **16** alternatives to field burning facilities for certification as pollution control facilities. Certification of these facilities could reduce taxes paid to the State of Oregon by a maximum of \$1,137,953. The alternatives to field burning facilities in this section are eligible for the pollution control facilities tax credit because they have a pollution control purpose and the control is accomplished as required by OAR 340-016-0070 (4) described below.

1. The facilities have the **principal purpose** of reducing the maximum number of acres that are open-burned in compliance with acreage limitations and allocations under OAR 340-266-0060.
2. As provided under OAR 340-016-0070 (4), the facilities prevent, reduce, control, or eliminate:
 - (a) Air contamination by use of air cleaning devices as defined in ORS 468A.005 or through equipment designed to prevent, reduce or eliminate air contaminants prior to discharge to the outdoor atmosphere;
 - (b) Alternatives to Open Field Burning. The facility shall reduce or eliminate:
 - (A) Open field burning and may include equipment, facilities, and land for gathering, densifying, handling, storing, transporting and incorporating grass straw or straw based products;
 - (B) Air quality impacts from open field burning and may include propane burners or mobile field sanitizers; or
 - (C) Grass seed acreage that requires open field burning. The facility may include:
 - (i) Production of alternative crops that do not require open field burning;
 - (ii) Production of rotation crops that support grass seed production without open field burning; or
 - (iii) Drainage tile installations and new crop processing facilities.

APPROVALS: Alternatives to Field Burning Facilities continued

The Department recommends that the EQC certify the facilities summarized below and represented on the attached Review Reports.

App #	Applicant	Facility Cost	% Allocable	Maximum Tax Credit	EQC Action
5346	Golden Valley Farms, LLC	119,444	100%	50%	
5379	Golden Valley Farms, LLC	128,849	100%	50%	
5645	50% Fessler Family, LLC 25% Thomas Fessler 25% Debra Fessler	250,000	100%	50%	
5779	Dean McKay Farms, Inc.	34,750	100%	50%	
5894	McKee Farms	133,473	100%	50%	
6147	Timothy L. Pfeiffer dba Pfeiffer Farms	22,027	93%	50%	
6220	Golden Valley Farms, LLC	436,549	100%	50%	
6221	Golden Valley Farms, LLC	153,000	100%	50%	
6222	Golden Valley Farms, LLC	16,000	100%	50%	
6223	Golden Valley Farms, LLC	299,229	100%	50%	
6224	Golden Valley Farms, LLC	127,500	100%	50%	
6225	Golden Valley Farms, LLC	29,235	100%	50%	
6226	Golden Valley Farms, LLC	75,025	100%	50%	
6227	Golden Valley Farms, LLC	139,173	100%	50%	
6263	Martinson Farms	155,854	100%	50%	
6334	Golden Valley Farms, LLC	157,340	100%	50%	

16 Apps

Sum: \$2,277,448
Average: \$142,341
Minimum: \$16,000
Maximum: \$436,549



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	5346
Facility Cost	\$119,444
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **LLC**

Business: **Grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd. NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

**A 124' x 180' x 22' metallic straw storage
building**

The applicant is the Owner/Operator of the
facility located at:

**13025 Corvallis Rd.
Monmouth, OR**

Technical Information

The applicant manages 10,500 acres under perennial grass seed production. Grass straw that was previously open field burned is now baled and stored in this new 124' x 180' x 22' building and other existing buildings until processed for over-seas shipment.

This storage building and the building represented in tax credit application 5379 are used in conjunction with previously certified storage buildings to store 28,350 tons or **8860 acres** (3.2 tons/acre average for perennial grass seed).

Eligibility

ORS 468.155 The **principal purpose** of **new straw storage building** is to reduce **air pollution** by
(1)(a) reducing the maximum acreage to be open-burned in the Willamette Valley in
compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **facility** is used to **store** grass straw which will result in reduction of open field burning.

ORS 468.155 (3)(e) **Replacement:** The new building did **not** replace any previously certified facilities. This new building is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	03/01/1999
<i>Construction Completed</i>	07/15/1999
<i>Facility Placed into Operation</i>	07/10/1999
<i>Application Received</i>	12/07/1999

Facility Cost

Claimed Cost \$119,444
Eligible Cost **\$119,444**

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. Straw is sold for \$32.00 per ton.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 20 years. Calculated according to rule, the percentage of the facility cost allocable to pollution control is 100%.
ORS 468.190(1)(c) Alternative Methods	No alternative methods considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	5379
Facility Cost	\$128,849
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **LLC**

Business: **Grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd. NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

**A 160' x 162' x 25' metallic straw storage
building addition**

The applicant is the Owner/Operator of the
facility located at:

**11235 Portland Rd. NE
Brooks, OR**

Technical Information

The applicant manages 10,500 acres under perennial grass seed production. Grass straw that was previously open field burned is now baled and stored in this new 160' X 162' X 25' building and other existing buildings until processed for over-seas shipment.

This storage building and the building represented in tax credit application 5346 are used in conjunction with previously certified storage buildings to store 28,350 tons or **8860 acres** (3.2 tons/acre average for perennial grass seed).

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of **new straw storage building addition** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **facility** is used to **store** grass straw which will result in reduction of open field burning.

ORS 468.155 (3)(e) **Replacement:** The building addition did **not** replace any previously certified facilities. This building addition is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	03/01/1999
<i>Construction Completed</i>	07/15/1999
<i>Facility Placed into Operation</i>	07/10/1999
<i>Application Received</i>	02/24/2000

Facility Cost

Claimed Cost \$128,849
Eligible Cost \$**128,849**

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. Straw is sold for \$32.00 per ton.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 20 years. Calculated according to rule, the percentage of the facility cost allocable to pollution control is 100%.
ORS 468.190(1)(c) Alternative Methods	No alternative methods considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Air: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **S Corp**

Business: **Grass seed grower**

Taxpayer ID: **93-0671294**

The applicants' address is:

**11796 Monitor McKee Road NE
Woodburn, OR 97071**

Directors

Recommendation:

Applicants

Approve

50% Fessler Family LLC

25% Thomas Fessler

25% Debra Fessler

Application No.

5645

Facility Cost

\$250,000

Percentage Allocable

100%

Maximum Tax Credit

50%

Certificate Period

10 years

Facility Identification

The certificate will identify the facility as:

A 100' x 330' straw storage building

The applicants are the Owners/Operators of the facility located at:

**13105 Monitor McKee Road NE
Woodburn, OR 97071**

Technical Information

The applicants purchased a pre-existing 100' x 330' steel building used to store finished straw products from inclement weather. The applicants own 40 acres and lease 1,900 acres of which 1,200 acres are under perennial grass seed production. Without the facility, the applicants would be unable to prevent damage to salable straw that otherwise would have been open-field burned as allowed by law. The building has the capacity to store 1,600 acres of perennial straw based on the 3,600 tons of straw baled in 2000 and the estimated tons per acre for perennial ryegrass. (3600 tons/2.25 tons per acre.) Therefore, the **1,200 acres** under perennial grass seed production **have been removed** from open field burning.

Eligibility

ORS 468.155 (1)(a)(A) The **principal purpose** of the **facility** is to reduce air pollution by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

ORAR 340-016-0060 (4)(b)(A) The building will be used for **storing** grass straw or straw based products that will result in **reduction of open field burning**.

ORS 468.155 (3)(e) **Replacement:** The claimed building does **not** replace a previously certified building.

ORS 468.173 (1) The maximum tax credit available to the applicant is **50%** because the facility was completed under the 1999 edition.
ORAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in ORAR 340-016-0007.

<i>Construction Started</i>	01/27/2000
<i>Construction Completed</i>	01/10/2001
<i>Facility Placed into Operation</i>	01/10/2001
<i>Application Received</i>	09/13/2001

Facility Cost

Claimed Cost	<u>\$250,000</u>
Eligible Cost	\$250,000

A Contract of Sale and cancelled checks substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. The applicant estimated the straw could be sold for \$5 per ton if it could be sold.
ORS 468.190(1)(b) Return on Investment	The useful life of the facility used for the return on investment consideration is 10 years. Calculated according to rule, the percentage of the facility cost properly allocable to pollution control is 100%. The estimated annual revenue from the sale of straw was included in the calculation.
ORS 468.190(1)(c) Alternative Methods	No alternative methods were considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. The EQC has not issued any pollution control certificates to the applicant.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Directors
Recommendation: **Approve @ Reduced Cost**
Applicant **Dean McKay Farms, Inc.**
Application No. **5779**

Issue New Certificate for Kello disc

Facility Cost	\$34,750
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Reissue Certificate 3870 for Replacement Tractors

Reissue Amount	\$17,120
Reissue Percentage	100%

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **S Corporation**

Business: **Grass seed farm**

Taxpayer ID: **93-0856830**

The applicant's address is:

**19172 French Prairie Rd. NE
St. Paul, OR 97137**

Facility Identification

The new certificate will identify the facility as:

**One Kello 225 Dow 29' double wing disc,
serial # EH00323**

Reissue Certificate #3870 to identify:

**John Deere 5500N tractor, serial #
LV5500N570584, and John Deere 8400T
tractor, serial # RW8400T901196**

The applicant is the Owner/Operator of the
facility located at:

**19172 French Prairie Rd. NE
St. Paul, OR 97137**

Technical Information

The applicant claimed a John Deere 5500N tractor (serial # LV5500N570584), a John Deere 8400T (serial # RW8400T901196), and a Kello 225 Dow 29' double wing disc (serial # EH00323).

The applicant manages 1566 acres, 431 of which are under perennial grass seed production. Prior to the removal of the straw as a marketable by-product, the applicant open field burned and stacked burned grass straw. Grass straw is now baled and stored in buildings until processed for over-seas shipment. The remaining stubble is flail chopped and plowed under.

Eligibility

ORS 468.155 (1)(a) The **principal purpose of new straw incorporating equipment** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **equipment** is used to **incorporate** grass straw which will result in reduction of open field burning.

ORS 468.155 (3)(e) **Replacement:** The applicant manages 1566 acres, of which 1400 acres have been removed from open field burning with previous tax credits. The disc claimed on this application is used on 750 acres and therefore removes the additional **166** acres. As a result the facility claimed on this application, used in conjunction with previously certified facilities, removes **all 1566 acres** from being open field burned.

The applicant traded in a Ford 4430 **tractor** and a John Deere 8870 **tractor** certified on January 8, 1998 (Certificate # 3870) toward the purchase of a John Deere 5500N tractor and a John Deere 8400T tractor claimed on this application. The new tractors are eligible for the remainder of the tax credit available on Certificate # 3870; therefore, that certificate will be reissued with the new tractor information and the cost of the tractors will be reduced from the amount claimed on this application (see facility cost section). The original report and the certificate are attached as part of this review.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	11/16/1999
<i>Construction Completed</i>	07/13/2000
<i>Facility Placed into Operation</i>	07/13/2000
<i>Application Received</i>	10/26/2001

Facility Cost

Claimed Cost	\$170,570
Ineligible Cost: (See Replacement section above)	
JD 5500N tractor	-25,900
JD 8400T tractor	-95,920
Ripper	-14,000
Eligible Cost	\$34,750

A Brent Unverferth **disc ripper** (serial # B17380121) was also claimed on this application but is ineligible because the ripper was certified to Mark McKay Farms on December 7, 2001 (Certificate # 4570).

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The only factor used in determining that 100% of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control. ORS 468.190 (3)

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued three tax credit certificates to Dean McKay Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
3497	A 200' X 100' X 22' metallic straw storage shed	\$122,177.00	2839	4/23/1992
4890	New Farm equipment, 8870 John Deere Tractor, John Deere 995 HC 8 Bottom Plow, 4430 Ford Tractor, Two 515 Holland Baler, 14' rear Flail & 15' rear Flail.	\$249,836.00	3870	1/9/1998
5145	A John Deere 7210 tractor, baler, Tiling - Concomly, Rear's Flail, Tiling-Kock Place.	\$136,817.00	4115	3/19/1999

Reviewer: Maggie Vandehey, DEQ

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY
POLLUTION CONTROL FACILITY CERTIFICATE

Certificate No: **3870**
Date of Issue: 01/09/1998
Application No: 4890.

ISSUED TO: Dean McKay Farms, Inc.
19172 French Prairie Road, NE
St. Paul, OR 97137

ATTENTION: Dean A. McKay President

LOCATION OF POLLUTION CONTROL FACILITY:

19224 French Prairie Road, NE
St. Paul, OR 97137

AS A S Corporation () Excise () Ad Valorem

DESCRIPTION OF POLLUTION CONTROL FACILITY: New Farm equipment, 8870 John Deere Tractor, John Deere 995 HC 8 Bottom Plow, 4430 Ford Tractor, Two 515 Holland Baler, 14' rear Flail & 15' rear Flail.

TYPE OF POLLUTION CONTROL FACILITY: Field Burning

DATE FACILITY COMPLETED: 10/30/1997

PLACED INTO OPERATION: 10/30/1997

ACTUAL COST OF POLLUTION CONTROL FACILITY: \$249,836.00

PERCENT OF ACTUAL COST PROPERLY ALLOCABLE TO POLLUTION CONTROL: 86%

Based upon the information contained in the application referenced above, the Environmental Quality Commission certifies that the facility described herein was erected, constructed or installed in accordance with the requirements of subsection (1) of ORS 468.165, and is designed for, and is being operated or will operate to a substantial extent for the purpose of preventing, controlling or reducing air, water or noise pollution or solid waste, hazardous wastes or used oil, and that it is necessary to satisfy the intents and purposes of ORS Chapters 454, 459, 467 and 468 and rules adopted thereunder.

Therefore, this Pollution Control Facility Certificate is issued this date subject to compliance with the statutes of the State of Oregon, the regulations of the Department of Environmental Quality and the following special conditions:

1. The facility shall be continuously operated at maximum efficiency for the designed purpose of preventing, controlling, and reducing the type of pollution as indicated above.
2. The Department of Environmental Quality shall be immediately notified of any proposed change in use or method of operation of the facility and if, for any reason, the facility ceases to operate for its intended pollution control purpose.
3. Any reports or monitoring data requested by the Department of Environmental Quality shall be promptly provided.

NOTE: Any portion of the facility described herein is not eligible to receive tax credit certification as an energy conservation facility or a reclaimed plastic facility [ORS 315.324(12) and ORS 315.356(4) and (5)].

Signed:  (Henry Lorenzen, Chairman)

Approved by the Environmental Quality Commission on 01/09/98.

State of Oregon
Department of Agriculture

TAX RELIEF APPLICATION REVIEW REPORT

1. Applicant

Dean McKay Farms, Inc.
19172 French Prairie Road NE
St. Paul OR 97137

The applicant owns and operates a grass seed farm operation in Marion County, Oregon.

Application was made for tax credit for air pollution control equipment.

2. Description of Claimed Facility

The equipment described in this application is located at 19224 French Prairie Road NE, St. Paul, Oregon. The equipment is owned by the applicant.

(2) New Holland balers	\$ 54,000
(2) Rear's Flails	\$ 27,406
John Deere 995 8 bottom plow	\$ 12,430
Ford 4430 tractor	\$ 32,500
John Deere 8870 tractor	\$ 123,500

Claimed equipment cost: \$249,836
(Accountant's Certification was provided.)

3. Description of Farm Operation Plan to Reduce Open Field Burning.

The applicant has 1,000 acres of perennial grass seed under cultivation. In the past, the applicant open burned as many acres as the weather and smoke management program permitted. Some acreage was baled each year with the stacks of baled straw often burned.

As the applicants moved away from burning they turned more toward custom balers to remove the bulk straw. The applicant's alternatives to open field burning and stack burning has evolved to a bale and flail/plow operation.

To be able to have more control over straw removal and field preparation the applicant has purchased the listed equipment.

4. Procedural Requirements

The equipment is governed by ORS 468.150 through 468.190, and by OAR Chapter 340, Division 16. The equipment has met all statutory deadlines in that:

Purchase of the equipment was substantially completed on October 30, 1997. The application was submitted on November 25, 1997; and the application for final certification was found to be complete on December 11, 1997. The application was filed within two years of substantial completion of the equipment.

5. Evaluation of Application

- a. The equipment is eligible under ORS 468.150 because the equipment is an approved alternative method for field sanitation and straw utilization and disposal that reduces a substantial quantity of air pollution. This reduction is accomplished by reduction of air contaminants, defined in ORS 468A.005; by reducing the maximum acreage to be open burned in the Willamette Valley as required in OAR 340-26-013; and, the facility's qualification as a "pollution control facility", defined in OAR 340-16-025(2)(f) A): "Equipment, facilities, and land for gathering, densifying, processing, handling, storing, transporting and incorporating grass straw or straw based products which will result in reduction of open field burning."

b. Eligible Cost Findings

In determining the percent of the pollution control equipment cost allocable to pollution control, the following factors from ORS 468.190 have been considered and analyzed as indicated:

1. The extent to which the equipment is used to recover and convert waste products into a salable or usable commodity.

Some of the equipment promotes the conversion of a waste product (straw) into a salable commodity by providing removal from the fields.

2. The estimated annual percent return on the investment in the equipment.

There is no annual percent return on the investment as applicant claims no gross annual income.

3. The alternative methods, equipment and costs for achieving the same pollution control objective.

The method chosen is an accepted method for reduction of air pollution. The method is one of the least costly, most effective methods of reducing air pollution.

4. Any related savings or increase in costs which occur or may occur as a result of the purchase of the equipment.

There is an increase in operating costs of \$37,475.40 to annually maintain and operate the equipment. These costs were considered in the return on investment calculation.

5. Any other factors which are relevant in establishing the portion of the actual cost of the equipment properly allocable to the prevention, control or reduction of air pollution.

The established average annual operating hours for tractors is set at 450 hours. To obtain a total percent allocable, the annual operating hours per implement, per tractor used in reducing acreage open field burned is as follows:

FORD 4430 85hp TRACTOR

Implement	# acres	implement capacity	annual operating hours
baler	500	4	125
rake	500	5	100
flail	500	5	<u>100</u>
Total annual operating hours			325

The total annual operating hours of 325 divided by the average annual operating hours of 450 produces a percent allocable of 72%.

8870 JOHN DEERE 225hp TRACTOR

Implement	# acres	implement capacity	annual operating hours
Chisel plow	1,000	7	143
Disc	500	7	71
8 bottom plow	500	7	71
Harrow & roll	500	7	<u>71</u>
Total annual operating hours			356

The total annual operating hours of 356 divided by the average annual operating hours of 450 produces a percent allocable of 79%.

Equipment	Claimed cost	Percent allocable	Cost allocable
New Holland Balers	\$ 54,000	100%	\$ 54,000
Rear's flails	\$ 27,406	100%	\$ 27,406
JD 995 8 bottom plow	\$ 12,430	100%	\$ 12,430
JD 8870 tractor	\$123,500	79%	\$ 97,565
Ford 4430 tractor	\$ 32,500	72%	\$ 23,400
TOTAL	\$249,836	86%	\$214,801

The actual cost of the equipment properly allocable to pollution control as determined by using these factors is 86%.

6. Summation

- a. The equipment was constructed in accordance with all regulatory deadlines.
- b. The equipment is eligible under ORS 468.150 as an approved alternative method for field sanitation and straw utilization and disposal that reduces a substantial quantity of air pollution as defined in ORS 468A.005
- c. The equipment complies with DEQ statutes and rules.
- d. The portion of the equipment that is properly allocable to pollution control is 86%.

7. The Department of Agriculture's Recommendation

Based upon these findings, it is recommended that a Pollution Control Facility Certificate bearing the cost of \$249,836, with 86% allocated to pollution control, be issued for the equipment claimed in Tax Credit Application Number TC-4890.

Jim Britton, Manager
Smoke Management Program
Natural Resources Division
Oregon Department of Agriculture
(503) 986-4701
FAX: (503) 986-4730

JB/rc
Thu, Jan 8, 1998



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	McKee Farms
Application No.	5894
Facility Cost	\$133,473
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **Partnership**

Business: **Grass seed farm**

Taxpayer ID: **93-0989750**

The applicant's address is:

**22450 SW McKee Road
Amity, OR 97101**

Facility Identification

The certificate will identify the facility as:

A 124' x 180' x 22' straw storage building

The applicant is the Owner/Operator of the facility located at:

**22450 SW McKee Road
Amity, OR 97101**

Technical Information

The applicant owns 640 acres and leases 545 acres of which 1,040 acres are under perennial grass seed production. The applicant claimed a 124' x 180' x 22' building used to store finished straw products from inclement weather. Without the facility, the applicant would be unable to prevent damage to salable straw that otherwise would have been open field burned as allowed by law. The applicant claims **that all 1,040 acres** under perennial grass seed production **have been removed from being field burned.**

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of **new straw storage building** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **facility** is used to **store** grass straw which will result in reduction of open field burning.

ORS 468.155 (3)(e) **Replacement:** The new building did **not** replace any previously certified facilities. This new building is used in conjunction with previously certified facilities

(equipment and straw storage building) to remove additional acreage from being open field burned.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of
 OAR 340-016- the facility was completed under the 1999 edition.
 0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	04/01/2001
<i>Construction Completed</i>	09/01/2001
<i>Facility Placed into Operation</i>	09/01/2001
<i>Application Received</i>	12/14/2001

Facility Cost

Claimed Cost	\$133,473
Eligible Cost	\$133,473

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 30 years. Calculated according to rule, the percentage of the facility cost allocable to pollution control is 100%.
ORS 468.190(1)(c) Alternative Methods	No alternative methods were considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued four tax credit certificates to McKee Farms:

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
4388	New Holland 1075 stack wagon	\$ 26,500	3469	07/07/95
4596	370 Freeman Baler	\$ 22,200	3615	05/17/96
5098	120' x 80' x 20' straw storage barn	\$ 67,005	4077	12/11/98
5409	20' John Deere 2018 rotary mower	\$ 14,857	4400	12/01/00

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Field Burning Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **Sole proprietor**

Business: **Bale grass straw from
perennial grass**

Taxpayer ID: **93-0820044**

The applicant's address is:

**10400 NW Moores Valley Road
Yamhill, OR 97148**

Directors	
Recommendation:	Approve @ Reduced Cost
Applicant	Timothy L. Pfeiffer dba Pfeiffer Farms
Application No.	6147
Facility Cost	\$22,027
Percentage Allocable	93%
Maximum Tax Credit	50%
Certificate Period	10 years

Facility Identification

The certificate will identify the facility as:

**New Holland Model 590 baler, Serial #
7101061 and 1979 IH Truck, VIN #
E2317JGA18177**

The applicant is the Owner/Operator of the
facility located at:

**10400 NW Moores Valley Road
Yamhill, OR 97148**

Technical Information

The applicant claimed a baler and truck used as an alternative to open field burning. The applicant manages a total of 1,414 acres, 800 of those acres are currently under perennial grass seed production. Previously the applicant burned and baled their straw. The new equipment allows the applicant to **remove all 800 acres** under perennial grass seed production from being open field and stack burned.

Eligibility

ORS 468.155 The **principal purpose** of the **new facility** is to reduce air pollution by reducing the
(1)(a)(A) maximum acreage to be open-burned in the Willamette Valley in compliance with
OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-
0060 (4)(b)(A) This **facility** is used to **gather and transport** grass straw which will result in
reduction of open field burning.

- ORS 468.155 **Replacement:** The claimed equipment does **not** replace any previously certified
(3)(e) equipment.
- ORS 468.173(1) The maximum tax credit available for the 1979 IH Truck is **50%** because it was
purchased prior to January 1, 2001.
- ORS 468.173(1) The maximum tax credit available for the New Holland Baler is **50%** because it was
OAR 340-016-
0007 purchased prior to January 1, 2001.

Timeliness of Application

For the 1979 IH Truck and the New Holland Baler the application was submitted within the two-year filing period provided in OAR 340-016-0007.

The remaining equipment is not eligible, as it was not submitted within the one-year filing period of ORS 468.165(6) or the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	11/01/2000
<i>Construction Completed</i>	
<i>JD 7000 Tractor</i>	11/16/1995
<i>1967 Trailer</i>	03/20/1998
<i>1972 Trailer Dolly</i>	03/20/1998
<i>JD 2018 Rotary Mower</i>	07/01/1998
<i>JD 4230 Tractor</i>	11/01/1998
<i>1979 IH Truck</i>	11/01/2000
<i>New Holland Baler</i>	12/12/2001
<i>Facility Placed into Operation</i>	12/12/2001
<i>Application Received</i>	05/10/2002

Facility Cost

	Ineligible	Eligible
Claimed Cost		\$ 105,029
Erroneous Salvage Value Deduction		\$ 17,719
Adjusted Facility Cost		<hr/> \$ 122,748
Failed Filing Period		
JD 7000 Tractor	\$ 68,229	
1967 Trailer	\$ 2,500	
1972 Trailer Dolly	\$ 1,300	
JD 2018 Rotary Mower	\$ 14,300	
JD 4230 Tractor	\$ 14,392	
	<hr/> \$ (100,721)	(\$100,721)
Meets Filing Period		
1979 IH Truck		\$ 1,500
New Holland Baler 590		\$ 20,527
		<hr/> \$ 22,027
Eligible Cost		<hr/> \$ 22,027

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The only factor used in determining that 93% of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control.
[ORS 468.190 (3)]

The baler is used 8% of the time for purposes other than pollution control. The truck is used exclusively for pollution control. The percentage allocable to pollution control of the claimed facilities was determined using the following method:

A	B	C	D
Facility	Cost	% used for pollution control	Allowable
Baler	\$20,527	92%	\$18,885
Truck	<u>\$1,500</u>	100%	<u>\$1,500</u>
Total	\$22,027		\$20,385
Ratio D/B		93%	

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. No other tax credits have been issued to the applicant.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	6220
Facility Cost	\$436,549
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **LLC**

Business: **Grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

**An H&H bale compressor model ES 1822,
Serial # 174, with Strapex strapper**

The applicant is the Owner/Operator of the
facility located at:

**11235 Portland Rd NE
Brooks, OR**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in the applicant's buildings until processed for over-seas shipment. The baling and press operation processes approximately 41,700 tons of grass straw or 13,030 acres (3.2 tons/acre average for perennial grass seed).

The claimed straw processing equipment consists of a **bale compressor with strapper** used to reduce standard sized straw bales into compact bales for packaging into containers to be shipped to Asian markets.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw processing equipment, **13,030 acres have been removed from being open field burned.**

Eligibility

- ORS 468.155 (1)(a) The **principal purpose of new straw processing equipment** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).
- OAR 340-016-0060 (4)(b)(A) This **equipment** is used to **densify** grass straw which will result in reduction of open field burning.
- ORS 468.155 (3)(e) **Replacement:** The new straw processing equipment did **not** replace any previously certified facilities. This new equipment is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.
- ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	07/01/2000
<i>Construction Completed</i>	08/01/2000
<i>Facility Placed into Operation</i>	08/15/2000
<i>Application Received</i>	07/24/2002

Facility Cost

Claimed Cost	<u>\$436,549</u>
Eligible Cost	\$436,549

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. Straw is sold for \$103.00 per ton.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 7 years. Calculated according to rule, the percentage of the facility cost allocable to pollution control is 100%.
ORS 468.190(1)(c) Alternative Methods	No alternative methods considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	6221
Facility Cost	\$153,000
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **LLC**

Business: **Grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

Five forklifts:

Hyster model 60, serial # A177B27936J

Hyster model 65, serial # D177B08558R

**2 Hyster model 200, serial #s C7D02592G
and C7D33219K**

**Manteca roadrunner forklift, serial #
IR951AC68N1030176**

The applicant is the Owner/Operator of the
facility located at:

**11235 Portland Rd NE
Brooks, OR**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in the applicant's buildings until processed for over-seas shipment. The baling and press operation processes approximately 41,700 tons of grass seed straw or 13,030 acres (3.2 tons/acre average for perennial grass seed).

The claimed straw handling equipment consists of **five forklifts** which are specifically designed to handle pallets of baled straw, pallets of compressed straw, and loading of containers with compressed

straw.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw handling equipment, **13,030 acres now managed have been removed from being open field burned.**

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of **new straw handling equipment** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **equipment** is used to **handle** grass straw which will result in reduction of open field burning.

ORS 468.155 (3)(e) **Replacement:** The new straw handling equipment did **not** replace any previously certified facilities. This new equipment is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	07/01/2000
<i>Construction Completed</i>	08/01/2000
<i>Facility Placed into Operation</i>	08/15/2000
<i>Application Received</i>	07/24/2002

Facility Cost

Claimed Cost	<u>\$153,000</u>
Eligible Cost	\$153,000

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. Straw is sold for \$103.00 per ton.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 7 years. Calculated according to rule, the percentage of the facility cost allocable to pollution control is 100%.

ORS 468.190(1)(c) Alternative Methods No alternative methods considered.
 ORS 468.190(1)(d) Savings or Increase in Costs No savings or increases in costs were identified.
 ORS 468.190(1)(e) Other Relevant Factors No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	6222
Facility Cost	\$16,000
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **LLC**

Business: **Grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

Two forklifts:

Toyota model 02-5FD35, serial # 15300

Cat model V-180-B, serial # 68Y01171

The applicant is the Owner/Operator of the facility located at:

**11235 Portland Rd NE
Brooks, OR**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in the applicant's buildings until processed for over-sea shipment. The baling and press operation processes approximately 41,700 tons of grass seed straw or 13,030 acres (3.2 tons/acre average for perennial grass seed).

The claimed straw handling equipment consists of **two forklifts** which are specifically designed to handle pallets of baled straw, pallets of compressed straw, and loading of containers with compressed straw.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw handling equipment, **13,030 acres now managed have been removed from being open field burned.**

Eligibility

- ORS 468.155 (1)(a) The **principal purpose of new straw handling equipment** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).
- OAR 340-016-0060 (4)(b)(A) This **equipment** is used to **handle** grass straw which will result in reduction of open field burning.
- ORS 468.155 (3)(e) **Replacement:** The new straw handling equipment did **not** replace any previously certified facilities. This new equipment is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.
- ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
- OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	02/24/2000
<i>Construction Completed</i>	08/01/2000
<i>Facility Placed into Operation</i>	08/15/2000
<i>Application Received</i>	07/24/2002

Facility Cost

Claimed Cost \$16,000
Eligible Cost **\$16,000**

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The only factor used in determining that 100% of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control. ORS 468.190 (3)

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5	\$437,244	2932	10/16/1992

	trailers, 2 forklifts, 1 roadrunner			
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	6223
Facility Cost	\$299,229
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **a limited liability company**

Business: **a grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd. NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

**An H&H bale compressor model ES 1822
(Serial # 166) with conveyer, unitizer, and
bale cutter**

The applicant is the Owner/Operator of the
facility located at:

**11235 Portland Rd. NE
Brooks, OR**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in the applicant's buildings until processed for over-sea shipment. The baling and press operation processes approximately 41,700 tons of grass seed straw or 13,030 acres (3.2 tons/acre average for perennial grass seed).

The claimed straw processing equipment consists of a **bale compressor with conveyer, unitizer and bale cutter** used to compress standard sized straw bales into compact bales for packaging into containers to be shipped to Asian markets.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw processing equipment, **13,030 acres now managed have been removed from being open field burned.**

Eligibility

- ORS 468.155 (1)(a) The **principal purpose** of **new straw processing equipment** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).
- OAR 340-016-0060 (4)(b)(A) This **equipment** is used to **densify** grass straw which will result in reduction of open field burning.
- ORS 468.155 (3)(e) **Replacement:** The new straw processing equipment did **not** replace any previously certified facilities. This new equipment is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.
- ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
- OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	02/24/2000
<i>Construction Completed</i>	08/20/2000
<i>Facility Placed into Operation</i>	09/09/2000
<i>Application Received</i>	07/24/2002

Facility Cost

Claimed Cost	<u>\$299,229</u>
Eligible Cost	\$299,229

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. Straw is sold for \$103.00 per ton.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 7 years.
ORS 468.190(1)(c) Alternative Methods	No alternative methods considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	6224
Facility Cost	\$127,500
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Field Burning Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **a limited liability company**

Business: **a grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prairie Rd. NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

Nine trailers—eight Marquez tri-axle trailers (VINs 1M9FS5332NW191462 through 1M9FS5332NW191467, 1M9FS5345SW191637, and 1M9FS5345SW191638) and one 40' trailer (VIN M720994) with 26' pup trailer (VIN 7L93686009)

The applicant is the Owner/Operator of the facility located at:

**11235 Portland Rd. NE
Brooks, OR**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in the applicant's buildings until processed for over-sea shipment. The baling and press operation processes approximately 41,700 tons of grass seed straw or 13,030 acres (3.2 tons/acre average for perennial grass seed).

The claimed straw handling equipment consists of **nine trailers** which are used to haul containers of compressed straw to various ports for loading on ships bound for Asian markets.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw transporting equipment, **13,030 acres now managed have been removed from being open field burned.**

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of **new straw transporting equipment** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **equipment** is used to **transport** grass straw which will result in reduction of open field burning.

ORS 468.155 (3)(e) **Replacement:** The new straw transporting equipment did **not** replace any previously certified facilities. This new equipment is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	03/03/2000
<i>Construction Completed</i>	08/01/2000
<i>Facility Placed into Operation</i>	08/15/2000
<i>Application Received</i>	07/24/2002

Facility Cost

Claimed Cost \$127,500
Eligible Cost **\$127,500**

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. Straw is sold for \$103.00 per ton.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 7 years. Calculated according to rule, the percentage of the facility cost allocable to pollution control is 100%.
ORS 468.190(1)(c) Alternative Methods	No alternative methods considered.

ORS 468.190(1)(d) Savings or Increase in Costs No savings or increases in costs were identified.
 ORS 468.190(1)(e) Other Relevant Factors No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	6225
Facility Cost	\$29,235
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **a limited liability company**

Business: **a grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd. NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

**Two Signode Model SG410 spiral grip
wrappers (Serial #s 53089 and 53295)**

The applicant is the Owner/Operator of the
facility located at:

**11235 Portland Rd. NE
Brooks, OR**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in the applicant's buildings until processed for over-sea shipment. The baling and press operation processes approximately 41,700 tons of grass seed straw or 13,030 acres (3.2 tons/acre average for perennial grass seed).

The claimed straw densifying and handling equipment consists of **two Signode spiral grip wrappers** which are used to wrap compressed bales of straw with shrink wrap prior to loading containers for shipment to Asian markets.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw densifying and handling equipment, **13,030 acres now managed have been removed from being open field burned.**

Eligibility

- ORS 468.155 (1)(a) The **principal purpose of new straw densifying and handling equipment** is to reduce **air pollution** by reducing the maximum acreage to be open-burned in the Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).
- OAR 340-016-0060 (4)(b)(A) This **equipment** is used to **densify and handle** grass straw which will result in reduction of open field burning.
- ORS 468.155 (3)(e) **Replacement:** The new straw densifying and handling equipment did **not** replace any previously certified facilities. This new equipment is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.
- ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
- OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	07/01/2000
<i>Construction Completed</i>	08/01/2000
<i>Facility Placed into Operation</i>	08/15/2000
<i>Application Received</i>	07/24/2002

Facility Cost

Claimed Cost	\$29,235
Eligible Cost	\$29,235

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The only factor used in determining that 100% of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control. ORS 468.190 (3)

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987

3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	6226
Facility Cost	\$75,025
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Field Burning Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **a limited liability company**

Business: **a grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd. NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

**A 50' x 200' metallic straw storage
building**

The applicant is the Owner/Operator of the
facility located at:

**11235 Portland Rd. NE
Brooks, OR**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in this new 50' x 200' building and the applicant's other existing buildings until processed for over-sea shipment.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw storage building, **13,030 acres now managed have been removed from being open field burned.**

Eligibility

ORS 468.155 The **principal purpose of new straw storage building** is to reduce **air pollution** by
(1)(a) reducing the maximum acreage to be open-burned in the Willamette Valley in
compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **facility** is used to **store** grass straw which will result in reduction of open field burning.

ORS 468.155 (3)(e) **Replacement:** The new building did **not** replace any previously certified facilities. This new building is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	01/14/2001
<i>Construction Completed</i>	07/12/2001
<i>Facility Placed into Operation</i>	08/31/2001
<i>Application Received</i>	07/24/2002

Facility Cost

Claimed Cost	<u>\$75,025</u>
Eligible Cost	\$75,025

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. Straw is sold for \$103.00 per ton.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 20 years. Calculated according to rule, the percentage of the facility cost allocable to pollution control is 100%.
ORS 468.190(1)(c) Alternative Methods	No alternative methods considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms, LLC
Application No.	6227
Facility Cost	\$139,173
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **a limited liability company**

Business: **a grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prarie Rd. NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

**A 50' x 200' metallic straw storage
building**

The applicant is the Owner/Operator of the
facility located at:

**Wallace Rd.
Salem, OR**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in this new 50' x 200' building and the applicant's other existing buildings until processed for over-sea shipment.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw storage building, **13,030 acres now managed have been removed from being open field burned.**

Eligibility

ORS 468.155 The **principal purpose of new straw storage building** is to reduce **air pollution** by
(1)(a) reducing the maximum acreage to be open-burned in the Willamette Valley in
compliance with OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **facility** is used to **store** grass straw which will result in reduction of open field burning.

ORS 468.155 (3)(e) **Replacement:** The new building did **not** replace any previously certified facilities. This new building is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	05/30/2001
<i>Construction Completed</i>	08/15/2001
<i>Facility Placed into Operation</i>	08/31/2001
<i>Application Received</i>	07/24/2002

Facility Cost

Claimed Cost	<u>\$139,173</u>
Eligible Cost	\$139,173

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity. Straw is sold for \$103.00 per ton.
ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 20 years. Calculated according to rule, the percentage of the facility cost allocable to pollution control is 100%.
ORS 468.190(1)(c) Alternative Methods	No alternative methods considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Martinson Farms
Application No.	6263
Facility Cost	\$155,854
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **a partnership**

Business: **a grass seed farm**

Taxpayer ID: **93-1093951**

The applicant's address is:

**1940 Cadle Rd.
Rickreall, OR 97371**

Facility Identification

The certificate will identify the facility as:

**A 150' x 180' x 31' straw storage building
and straw loading area**

The applicant is the Owner/Operator of the
facility located at:

**1940 Cadle Rd.
Rickreall, OR 97371**

Technical Information

The applicant manages 950 acres, 900 of which are under perennial grass seed production. The applicant states that their alternative to open field burning is to bale grass straw and flail chop the remaining stubble. Baled grass seed straw is now stored in the claimed straw storage building to protect the straw from inclement weather. The claimed loading area is used to load straw onto trailers for transport to straw processing facilities.

The storage shed is capable of storing 1,250 tons or 500 acres (2.5 tons/acre for perennial ryegrass). Therefore **500 acres** under perennial grass seed production **are no longer** open field burned.

Eligibility

ORS 468.155 The **principal purpose of new straw storage building and straw loading area** is to
(1)(a) reduce **air pollution** by reducing the maximum acreage to be open-burned in the
Willamette Valley in compliance with OAR 340-266-0060 (Acreage Limitations,
Allocations).

OAR 340-016-0060 (4)(b)(A) This **facility** is used to **handle and store** grass straw which will result in reduction of open field burning.

OAR 340-016-0070 (3)(r) The **loan fee** is an **ineligible cost** as specified under the ineligible costs section.

The applicant and the Department shall reduce the facility cost by any ineligible costs. Ineligible costs are any distinct portion of a pollution control facility that makes an **insignificant contribution** to the principal or sole purpose of the facility; or provides benefits of economic value; or where the costs are not directly related to the operation of the industry or enterprise seeking the tax credit but were installed as a result of the facility. Ineligible costs include but are not limited to:

Interest, warranty charges, **financing costs**, capitalized costs (property taxes, capitalized interest, etc.), insurance premiums, legal fees, court costs, and patent searches and feasibility studies.

ORS 468.155 (3)(e) **Replacement:** The new straw storage building did **not** replace any previously certified facilities.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed under the 1999 edition.
OAR 340-016-0007

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	06/25/2000
<i>Construction Completed</i>	11/15/2001
<i>Facility Placed into Operation</i>	09/01/2000
<i>Application Received</i>	08/21/2002

Facility Cost

Claimed Cost	\$157,246
Ineligible costs:	
Loan fee	\$ (1,392)
Eligible Cost	\$155,854

Copies of invoices substantiated the claimed facility cost. The reviewers performed a facility cost analysis on behalf of the Department.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that 100% of the claimed facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity.

ORS 468.190(1)(b) Return on Investment (ROI)	The useful life of the facility used for the ROI consideration is 20 years.
ORS 468.190(1)(c) Alternative Methods	No alternative methods considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits or tax credits issued to this facility.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Golden Valley Farms
Application No.	6334
Facility Cost	\$157,340
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Field Burning

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **LLC**

Business: **Grass seed farm**

Taxpayer ID: **93-0675225**

The applicant's address is:

**7385 Howell Prairie Rd NE
Silverton, OR 97381**

Facility Identification

The certificate will identify the facility as:

**A 50' x 200' metallic straw storage
building**

The applicant is the Owner/Operator of the
facility located at:

**7575 Hendricks Rd
Carlton, OR 97111**

Technical Information

The applicant manages 16,000 acres under perennial grass seed production. Open field burning was practiced up to 1989, prior to the removal of straw as a marketable by-product. Propane burning was discontinued in 1993. Grass seed straw is now baled and stored in this new 50' x 200' building and the applicant's other existing buildings until processed for over-sea shipment.

The applicant states that as a result of using existing baling equipment and storage buildings, along with this new straw storage building, **13,030 acres now managed have been removed from being open field burned.**

Eligibility

ORS 468.155 The **principal purpose** of the **new facility** is to reduce air pollution by reducing the
(1)(a)(A) maximum acreage to be open-burned in the Willamette Valley in compliance with

OAR 340-266-0060 (Acreage Limitations, Allocations).

OAR 340-016-0060 (4)(b)(A) This **facility** is used to **store** grass straw which will result in reduction of open field burning.

ORS 468.155 **Replacement:** The new building did **not** replace any previously certified facilities.
 (3)(e) This new building is used in conjunction with previously certified facilities (equipment and straw storage buildings) to remove additional acreage from being open field burned.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of
 OAR 340-016-0007 the facility was completed under the 1999 edition.

Timeliness of Application

The application was filed within the two-year filing period provided in OAR 340-016-0007.

<i>Construction Started</i>	7/25/2001
<i>Construction Completed</i>	8/15/2001
<i>Facility Placed into Operation</i>	8/31/2001
<i>Application Received</i>	11/7/2002

Facility Cost

Claimed Cost	\$157,340
Eligible Cost	\$157,340

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	The baled straw is a salable commodity.
ORS 468.190(1)(b) Return on Investment	The useful life of the facility used for the return on investment consideration is 10 years. Calculated according to rule, the percentage of the facility cost properly allocable to pollution control is 100%.
ORS 468.190(1)(c) Alternative Methods	No alternative methods were considered.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. No permits have been issued to the applicant at this location.

The EQC previously issued eight tax credit certificates to Golden Valley Farms, Inc.

App. #	Description of Facility	Certified Cost	Cert. #	Issue Date
2103	150' X 60' X 20' Storage Shed for Grass Straw	\$25,365	1916	03/13/1987
2233	175' X 60' X 20' Storage Shed for Grass Straw	\$29,145	1919	03/13/1987
3716	Various Farm Equipment—3 tractors, 4 balers, 1 rake, 1 loader, 4 trucks, 5 trailers, 2 forklifts, 1 roadrunner	\$437,244	2932	10/16/1992
3958	2 22' X 100' X 208' Storage Sheds for Grass Straw	\$135,333	3153	09/10/1993
4271	Equipment for grass seed farming—2 bale racks, 2 rakes, 1 baler, 1 bale wagon, 1 tractor, 1 roadrunner	\$245,935	3361	10/21/1994
4497	20' X 100' X 200' steel building & hay press with bale rack	\$236,155	3519	09/29/1995
4512	2 Freeman Balers	\$58,000	3522	09/29/1995
4842	Freeman 370T Baler, engine (Serial #8417152) & Metallic Building 120' x 200' x 24'	\$190,000	3835	11/21/1997

Reviewers: Maggie Vandehey, DEQ

APPROVALS: Material Recovery Facilities

The Department recommends that the Commission approve **51** material recovery facilities for certification as pollution control facilities. Certification of these material recovery facilities could reduce taxes paid to the State of Oregon by a maximum of \$1,599,642. The material recovery facilities in this section are eligible for the pollution control facilities tax credit because they have a pollution control purpose and the control is accomplished as required by ORS 468.155 (1)(b)(D) described below.

1. The facilities have the **sole purpose** of reducing or eliminating a substantial quantity of **solid waste**.
2. The facilities reduce or eliminate solid waste through a material recovery process. These processes obtain useful material from solid waste as defined in ORS 459.005. They produce an end product that has a real economic value that is competitive with an end product produced in another state.
3. The end products are produced by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials that:
 - a. Have useful chemical or physical properties and that may be used for the same or other purposes; or
 - b. May be used in the same kind of application as its prior use without change in identity.

The Department recommends that the EQC certify the facilities summarized below and represented on the attached Review Reports.

App #	Applicant	Certified	% Allocable	Maximum Tax Credit	EQC Action
5726	Pepsi-Cola Bottling Company	39,402	100%	50%	
5831	Baker Sanitary Service, Inc.	35,000	100%	50%	
5851	Waste Connections Inc.	177,279	100%	50%	
5893	Clackamas Compost Products	23,650	100%	50%	
5898	Edelweiss Farms, LLC	46,168	100%	50%	
6052	ASW Disposal, Inc.	2,624	100%	50%	
6053	ASW Disposal, Inc.	11,873	100%	50%	
6088	Western Bank	155,075	100%	50%	
6089	Western Bank	190,786	100%	50%	

APPROVALS: Material Recovery Facilities continued

App #	Applicant	Certified	% Allocable	Maximum Tax Credit	EQC Action
6090	Grimm's Fuel Company, Inc.	217,000	100%	50%	
6091	Pacific Sanitation Inc.	22,247	100%	50%	
6097	Western Pulp Products Co.	19,824	100%	50%	
6108	Premier West Bank	456,592	100%	50%	
6109	Premier West Bank	175,000	100%	50%	
6122	Pacific Sanitation, Inc.	14,196	100%	35%	
6150	Container Recovery, Inc.	39,564	100%	50%	
6152	Container Recovery, Inc.	39,564	100%	50%	
6154	Container Recovery, Inc.	9,996	100%	50%	
6155	Container Recovery, Inc.	9,996	100%	50%	
6158	Container Recovery, Inc.	39,354	100%	50%	
6159	Container Recovery, Inc.	19,992	100%	50%	
6161	Safeway, Inc.	45,592	100%	50%	
6162	Safeway, Inc.	45,342	100%	50%	
6163	Safeway, Inc.	44,092	100%	50%	
6164	Safeway, Inc.	30,228	100%	50%	
6165	Safeway, Inc.	26,272	100%	50%	
6166	Safeway, Inc.	46,205	100%	50%	
6167	Safeway, Inc.	32,785	100%	35%	
6232	Kiser Enterprises, Inc.	31,000	100%	35%	
6235	Dennis' Seven Dees	61,000	100%	35%	
6236	Container Recovery, Inc.	126,269	100%	50%	
6237	Container Recovery, Inc.	363,535	74%	50%	
6238	Newberg Garbage Service, Inc.	347,912	100%	35%	
6252	Newberg Garbage Service, Inc.	3,361	100%	50%	
6253	Newberg Garbage Service, Inc.	10,411	100%	50%	
6254	Newberg Garbage Service, Inc.	2,711	100%	35%	
6267	Newberg Transfer & Recycling	83,677	100%	35%	
6268	Newberg Transfer & Recycling	12,940	100%	50%	
6288	Pepsi Cola Bottling Company	38,126	100%	50%	
6291	Medallion Cabinetry, Inc.	120,917	100%	50%	
6296	Premier West Bank Leasing	30,288	100%	35%	
6303	Container Recovery, Inc.	24,750	100%	35%	
6304	Container Recovery, Inc.	24,750	100%	35%	
6306	Container Recovery, Inc.	19,782	100%	50%	
6307	Container Recovery, Inc.	24,750	100%	35%	

APPROVALS: Material Recovery Facilities continued

App #	Applicant	Certified	% Allocable	Maximum Tax Credit	EQC Action
6308	Container Recovery, Inc.	24,750	100%	35%	
6310	Container Recovery, Inc.	9,996	100%	50%	
6311	Container Recovery, Inc.	49,500	100%	35%	
6312	Container Recovery, Inc.	49,500	100%	35%	
6313	Container Recovery, Inc.	49,500	100%	35%	
6314	Container Recovery, Inc.	24,000	100%	50%	

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 Apps

Sum	\$ 3,549,123
Average	\$ 69,591
Minimum	\$ 2,624
Maximum	\$ 456,592



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Soft drink warehousing and
distribution**

Taxpayer ID: **93-0556356**

The applicant's address is:

**PO Box F
LaGrande, OR 97850**

Technical Information

This facility compacts and bales recycled plastic soft drink containers and culls. Prior to this facility, the non-baled plastics were manually bagged, loaded and off-loaded by hand. This facility has increased efficiency and allowed for more plastic to be recycled. This facility has increased the recycling of discarded plastic by approximately 20%. Approximately every three months, about 35 bales, or 26,250 lbs of plastic are transported to a recycling mill. This facility has made it possible to pick up private label plastic containers which would otherwise have been landfilled.

Directors	
Recommendation:	Approve
Applicant	Pepsi-Cola Bottling Company of Eastern Oregon
Application No.	5726
Facility Cost	\$39,402
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Facility Identification

The certificate will identify the facility as:

**Plastic densifier, EX62, Horizontal
baler, Serial number EX2204**

The applicant is the owner/operator of the
facility located at:

**781 SE 9th Avenue
Ontario, OR 97914**

Eligibility

Timely Filing ORS 468.165 (6) and OAR 340-016-007 The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	4/25/2000
<i>Construction Completed</i>	8/10/2000
<i>Facility Placed into Operation</i>	8/11/2000
<i>Application Filed</i>	10/7/2001

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts more than 8,750 lbs of waste per month from being sent to the landfill. The reduction of solid waste is considered substantial compared to the previous control which was to manually load, deliver and off-load bags of used plastic containers. The recycling process has become more efficient which has resulted in an approximate 20% increase in plastic being recycled rather than going to the landfill.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Used plastic soft drink containers meet the definition of solid waste as defined in ORS 459.005, because it is discarded refuse.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains used plastic soft drink containers and culls. The recovered material is baled and transported to a plastic recycling mill to be used in the manufacturing of a competitive end product with similar properties. The original use of the waste material was soft drink containers and culls from processing.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1)

TRUE: Construction of the facility commenced on **4/25/2000**, construction was completed on **8/10/2000**, and the Department received the application on **10/7/2001**.

Facility Cost

Claimed Cost		\$39,402
	Eligible Cost	\$39,402

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$39,402** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Baker Sanitary Service, Inc.
Application No.	5831
Facility Cost	\$35,000
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	3 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Landfill**

Taxpayer ID: **93-088-2016**

The applicant's address is:

**PO Box 169
Baker City, OR 97814**

Facility Identification

The certificate will identify the facility as:

**One 290hp, 96", Portec Portable Tub
Grinder, Model 20900, Serial number
95031082**

The applicant is the **owner and operator** of
the facility located at:

**Baker Sanitary Landfill
Baker City, OR 97814**

Technical Information

The applicant owns and operates a landfill that accepts recyclable yard debris and non-salable wood products. The claimed facility is a portable tub grinder to process the material and prevent the buildup of wood debris in the landfill and potential air pollution caused by openly burning wood waste.

Eligibility

Timely Filing
ORS 468.165 (6) and
OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	3/15/2001
<i>Construction Completed</i>	3/15/2001
<i>Facility Placed into Operation</i>	3/15/2001
<i>Application Filed</i>	11/21/2001

Purpose: Voluntary
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces a substantial quantity of solid waste because it diverted 519 tons of wood waste in 2001 from landfill. Prior to purchasing the tub grinder, most of the woody debris was placed in the landfill and the larger pieces were burned.

Method
ORS 468.155
(1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: The applicant reduces wood waste from yard debris, demolition, and construction materials. The wood waste meets the definition of solid waste as defined in ORS 459.005.

OAR 340-016-
0010(7)
OAR 340-016-
0060(4)(e)

The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The grinder allowed the applicant to sell two tons of material as mulch in 2001. The applicant may use the stockpiled material to top a closed cell. They are also trying to develop a market for the material as animal bedding.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **3/15/2001** and the Department received the application on **11/21/2001**.

Facility Cost

Claimed Cost	\$35,000
Eligible Cost	\$35,000

A copy of the Auctioneer's paid sales receipt substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3)

If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$35,000** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site: Solid waste facility, number 152, issued 1972, renewed 10/1997. The EQC has not issued any previous tax credit to the applicant at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Waste Connections Inc.
Application No.	5851
Facility Cost	\$177,279
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Recycle Collection**

Taxpayer ID: **94-3283464**

The applicant's address is:

**620 Coolidge Drive Suite 350
Folsom, CA 95630-3155**

Facility Identification

The certificate will identify the facility as:

**One Labrie Expert 2000 2-stream
compactor body, Serial # CL
00101RGV**

**One Peterbilt truck, model 320
VIN # 1NPZL00X4YD712407**

The applicant is the **owner and operator** of
the facility located at:

**2311 SE 182nd Avenue
Portland, OR 97233**

Technical Information

The applicant collects waste material from residential and commercial customers in Multnomah County. They claimed a 29-yard compacting recycling truck mounted on a Peterbilt 320 chassis. The compacting compartment is used for commingled recyclable materials and the second compartment is used for glass. The new truck accepts materials that do not require separation and this increases participation in recycling. Prior to using the recycling truck, the applicant made two trips to collect the materials from their customers' four recycling bins. The applicant collects the recyclable material and delivers it to a processing facility for additional sorting and shipment to recycling mills. The recycling mill then converts the material into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	1/14/2000
<i>Construction Completed</i>	8/1/2000
<i>Facility Placed into Operation</i>	8/1/2000
<i>Application Filed</i>	11/28/2001

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility prevents substantial quantity of solid waste from being sent to the landfill.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Garbage meets the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains fiber from discarded paper and cardboard. The glass and aluminum is reclaimed from solid waste. The applicant collects the recyclable material and delivers it to a processing facility for additional sorting and shipment to recycling mills. The recycling mill then converts the material into products of real economic value.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
ORS 468.173(1)

TRUE: Construction of the facility commenced on **1/14/2000**, construction was completed on **8/1/2000**, and the Department received the application on **11/28/2001**.

Facility Cost

Claimed Cost	\$177,279
Eligible Cost	\$177,279

Invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility reclaims material that may produce a salable or usable commodity. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 5 years. The recycling truck does not produce revenues that exceed the expenditures; therefore the percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: The applicant investigated alternative recycling trucks and selected the least cost alternative for the required features.
ORS 468.190(1)(d)	Savings/Increase Costs: The applicant avoided the cost of multiple trips to each customer during a one-week period to collect recyclable materials. This cost savings was not considered in the ROI calculation.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the applicant. No other pollution control facilities tax credit certificates have been issued to the applicant.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: LLC

Business: **Composting & Recycling of yard
debris**

Taxpayer ID: **93-1277173**

The applicant's address is:

**20200 SW Stafford Road
Tualatin, OR 97062**

Technical Information

The applicant claimed a Skid Steer Loader used to separate and load recycled yard debris and other organic material into a wood grinding machine. The material is then composted for use as garden mulch. Prior to the implementation of this facility, the debris was sent to the landfill or burned.

Directors

Recommendation:

Approve

Applicant **Clackamas Compost Products, LLC**

Application No. **5893**

Facility Cost **\$23,650**

Percentage Allocable **100%**

Maximum Tax Credit **50%**

Certificate Period **7 years**

Facility Identification

The certificate will identify the facility as:

**One Caterpillar Skid Steer Loader
Model 236, Serial # 4YZ00337**

The applicant is the **owner and operator** of
the facility located at:

**11620 SE Capps Road
Clackamas, OR 97015**

Eligibility

Timely Filing
ORS 468.165 (6) and
OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	5/4/2000
<i>Construction Completed</i>	5/4/2000
<i>Facility Placed into Operation</i>	5/4/2000
<i>Application Filed</i>	12/13/2001

Purpose: Voluntary
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces a substantial quantity of solid waste because it diverts yard debris from being sent to landfill or burned. Prior to the implementation of this facility, yard waste was landfilled or burned.

Method
ORS 468.155
(1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386. The **definition** of solid waste in ORS 459.005(b) **excludes** "Materials used for fertilizer or for other productive purposes or which are salvageable as such material are used on land in agricultural operations and the growing or harvesting of crops and the raising of animals."

TRUE: Yard debris meets the definition of solid waste as defined in ORS 459.005, because it is discarded refuse.

- OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
- OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility separates and loads into the grinder yard debris and other organic material for composting. The composted material is used as garden mulch and is a competitive product with real economic value.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1)

TRUE: Construction of the facility commenced on **5/4/2000**, construction was completed on **5/4/2000**, and the Department received the application on **12/13/2001**.

Facility Cost

Claimed Cost		\$23,650
	Eligible Cost	\$23,650

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$23,650** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site: The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Edelweiss Farms, LLC
Application No.	5898
Facility Cost	\$46,168
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **LLC**

Business: **Egg Farm**

Taxpayer ID: **93-0687307**

The applicant's address is:

**13280 Denbrook Road NE
Aurora, OR 97002-9522**

Facility Identification

The certificate will identify the facility as:

**Frontier Industrial Corp. Mighty Mike
Compost Windrow Turner, Serial #
0104084; and modifications to six
laying buildings**

The applicant is the **owner and operator** of
the facility located at:

**13280 Denbrook Road NE
Aurora, OR 97002-9522**

Technical Information

The applicant owns an egg farm that houses 500,000 laying hens. They claimed a Windrow turner used to compost animal waste and modifications to the support posts of three of their six laying buildings to allow the machine to operate properly. The animal waste includes manure, in-the-house mortalities, soiled egg cartons, and broken eggs. The turner facilitates the production of a high quality compost; and reduces or eliminates the use of some larvacides and rodenticides. The applicant applied the manure to their 100 acre farm and to neighboring farmlands prior to installing the claimed facility. They are in the process of developing a market for the composted material. EPA awarded the applicant the EPA Evergreen Award for Environmental Excellence in February, 2001.

Eligibility

Timely Filing ORS
468.165 (6) and OAR
340-016-007

The application must be filed within two years the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law. The posts in the first building were placed into operation in May of 2001 and the applicant completed construction on the final building in October of 2001.

<i>Construction Started</i>	5/13/2001
<i>Construction Completed</i>	10/30/2001
<i>Facility Placed into Operation</i>	5/13/2001
<i>Application Filed</i>	12/14/2001

Purpose: Voluntary
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces 12,000 cubic yards of solid waste that the egg farm produces annually to about 6,000 cubic yards of composted material.

Method
ORS 468.155
(1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: The animal waste processed through the claimed facility meets the definition of solid waste as defined in ORS 459.005 because it consists of manure; animal solids, dead animals, and cardboard.

- OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
- OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains high quality compost from solid waste. Forty percent of the compost is sold to landscape companies and is used as a soil amendment and some of the compost is given to several area golf courses. The applicant is currently developing a market.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.

ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **10/30/2001** and the Department received the application on **12/14/2001**.

Facility Cost

Claimed Cost		\$46,168
	Eligible Cost	\$46,168

Copies of a sales agreement, invoices, cancelled checks and a project summary report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$46,168** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The company has a WPCF Permit #1402 that was issued on August 6, 1993 and an ODA CAFO and an ODA Compost Plan #101. No previous tax credits have been issued to the company or to another business at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Residential & commercial
collection, disposal & recycling**

Taxpayer ID: **93-1117016**

The applicant's address is:

**PO Box 2879
Eugene, OR 97402**

Technical Information

The applicant claimed red recycling containers used to collect materials from residential customers in Lane County. The applicant also claimed a large bin that is used in the company's recycling area to collect white paper.

Directors	
Recommendation:	Approve
Applicant	ASW Disposal, Inc.
Application No.	6052
Facility Cost	\$2,624
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**One 400-gallon dark blue bin with lid,
model # 4006860A-C2LA; 450 14-
gallon red recycle boxes**

The applicant is the **owner and operator** of
the facility located at:

**104 Cleveland Street
Eugene, OR 97402**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	4/21/2000
<i>Construction Completed</i>	3/6/2001
<i>Facility Placed into Operation</i>	3/6/2001
<i>Application Filed</i>	2/11/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

TRUE: The recycling boxes are used exclusively to collect glass, wood fiber waste products, plastic and metals that would otherwise go to the landfill. The bin holds sorted white waste paper. The applicant prevents 961 tons of recyclable material from being sent to the landfill each year.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: The claimed facility is a material recovery process that obtains useful material from household garbage, paper, and cardboard, which meets the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains waste paper, cardboard, metals, plastic, and glass from solid waste through collection and pre-segregation. The applicant sends the wood-based waste material to Weyerhaeuser where it is used as secondary fiber. The other materials are sent to Bring Recycling where they are sold for re-processing.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1)

TRUE: Construction of the facility commenced on **4/21/2000**, construction was completed on **3/6/2001**, and the Department received the application on **2/11/2002**.

Facility Cost

Claimed Cost		\$2,624
	Eligible Cost	\$2,624

Copies of invoices and cancelled checks substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$2,624** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the applicant or to the site. The EQC issued six pollution control tax credit certificates to ASW Disposal, Inc.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Residential & commercial
collection, disposal & recycling**

Taxpayer ID: **93-1117016**

The applicant's address is:

**PO Box 2879
Eugene, OR 97402**

Technical Information

The applicant claimed a forklift with an attached rotating fork clamp. The forklift is used in the applicant's recycling area to move containers of waste material to the baler and the bales to transport trucks.

Directors	
Recommendation:	Approve
Applicant	ASW Disposal, Inc.
Application No.	6053
Facility Cost	\$11,873
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**One used Hyster Model S70BCS,
Serial # B004L03303J and attached
Fork Clamp, Model 70D,
Serial # 1543500003P**

The applicant is the **owner and operator** of
the facility located at:

**104 Cleveland Street
Eugene, OR 97402**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	5/15/2000
<i>Construction Completed</i>	5/15/2000
<i>Facility Placed into Operation</i>	5/15/2000
<i>Application Filed</i>	2/11/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility is used exclusively in the applicant's recycling area to reduce a substantial quantity of solid waste. The applicant prevents 961 tons of recyclable material from being sent to the landfill each year.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Household garbage, paper, and cardboard meets the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The claimed facility is a material recovery process that obtains useful material from household garbage, paper, and cardboard, which meets the definition of solid waste as defined in ORS 459.005.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
ORS 468.173(1)

TRUE: Construction of the facility commenced on **5/15/2000**, construction was completed on **5/15/2000**, and the Department received the application on **2/11/2002**.

Facility Cost

Claimed Cost		\$11,873
	Eligible Cost	\$11,873

Copies of invoices and cancelled checks substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$11,873** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the applicant or to the site. The EQC issued six pollution control tax credit certificates to ASW Disposal, Inc.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Western Bank
Application No.	6088
Facility Cost	\$155,075
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **A financial institution**

Taxpayer ID: **91-1660453**

The applicant's address is:

**6400 SW Corbett Avenue
Portland, OR 97201**

Facility Identification

The certificate will identify the facility as:

**One Cat Hydraulic excavator, Model
307 ID # GU047, Serial #
2PM00304**

One Krause Steel Pan Conveyor

The applicant owner and lessor of the facility
leased to:

**Pride Disposal Company
13980 Tualatin-Sherwood Road
Sherwood, OR 97140**

Technical Information

The applicant claimed a Cat hydraulic excavator and a Krause steel-pan conveyor leased to Pride Disposal Company. Pride Disposal Company is a solid waste collection, disposal, and recycling company with commercial and residential customers in Washington County. The lessee uses the excavator to spread out previously compacted solid waste along the conveyor system for hand sorting. Items recovered from this process for recycling include paper, wood, metal, sheetrock, batteries, aluminum, tires, tire rims, concrete, brass and appliances. Prior to this facility all solid waste was collected and transported directly to landfill.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	3/28/2000
<i>Construction Completed</i>	12/26/2000
<i>Facility Placed into Operation</i>	12/26/2000
<i>Application Filed</i>	3/14/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

TRUE: The facility prevents approximately 6,000 tons a year of solid waste from being sent to the landfill.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386
ORS 468.155
(1)(b)(D)

TRUE: The claimed facility is a material recovery process that obtains useful material from waste paper, wood, metal, batteries, tires, concrete, sheetrock and applicances. These materials meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains useful material from solid waste. The recyclable materials are delivered to a processing facility where they are manufactured into new products of real economic value.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **3/28/2000**, construction was completed on **12/26/2000**, and the Department received the application on **3/14/2002**.

Facility Cost

Claimed Cost		\$155,075
	Eligible Cost	\$155,075

Copies of invoices and the lease substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces usable commodities. The revenue was not considered in the ROI calculation which is based on the lessor's income and expenditures for the lease.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 5 years. The facility does not have a positive cash flow for the lessor. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.

ORS 468.190(1)(c) **Alternative Methods:** No alternatives were investigated.

ORS 468.190(1)(d) **Savings/Increase Costs:** Increased operational and maintenance costs are associated with the claimed facility. Increased costs were not considered in determining the percentage of the cost allocable to pollution control because the ROI calculation is based on the lessor's income and expenditures for the lease.

ORS 468.190(1)(e) **Other Relevant Factors:** No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site:

1200Z, Storm water discharge permit, 1200Z, file #111340, issued 10/4/2002 – 6/30/2007

The EQC certified one previous pollution control facility to this site.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Western Bank
Application No.	6089
Facility Cost	\$190,786
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **A financial institution**

Taxpayer ID: **91-1660453**

The applicant's address is:

**6400 SW Corbett Avenue
Portland, OR 97201-3558**

Facility Identification

The certificate will identify the facility as:

One 2002 Peterbilt Model 320 Truck

VIN number INPZLTOX62D714149

One Labrie 27 cubic yard automizer fully

automated side loader Serial number

SF01102SIS

The applicant is the **Owner/Lessee** of the
facility located at:

Sunset Garbage Collection

9035 SE Henderson Street

Portland, OR 97266

Technical Information

The applicant claimed a new recycling truck with side loader. The new truck has doubled the capacity for collecting yard debris. Participation, in the yard debris recycling program was significantly lower prior to the purchase of the new equipment. Previously, residents only had 32-gallon containers for recycling their yard debris. They are now using 60-gallon containers, as the truck has a larger capacity.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	11/1/2001
<i>Construction Completed</i>	12/27/2001
<i>Facility Placed into Operation</i>	12/27/2001
<i>Application Filed</i>	3/14/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility diverted 1,257 tons of yard debris from being sent to the landfill between 10/1/2001 and 9/30/2002.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Yard debris meets the definition of solid waste as defined in ORS 459.005, because it is discarded refuse.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects yard debris as part of the residential curbside recycling program. Yard debris is delivered to be composted and turned into garden mulch. Garden mulch is a competitive product of real economic value.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **12/27/2001** and the Department received the application on **3/14/2002**.

Facility Cost

Claimed Cost		\$190,786
	Eligible Cost	\$190,786

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces usable commodities. The revenue was not considered in the ROI calculation which is based on the lessor's income and expenditures for the lease.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 5 years. The facility does not have a positive cash flow for the lessor. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC issued one certificate to S & C Properties at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Grimm's Fuel Company, Inc.
Application No.	6090
Facility Cost	\$217,000
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **S Corp**

Business: **Processing and composting of
organic materials**

Taxpayer ID: **93-0502753**

The applicant's address is:

**1631 S Shore Boulevard
Lake Oswego, OR 97034**

Facility Identification

The certificate will identify the facility as:

**One Smoracy Beast portable horizontal
grinder, LLC Model 3680, Serial
number 010323**

The applicant is the **Owner/Operator** of the
facility located at:

**18850 SW Cipole Road
Tualatin, OR 97062**

Technical Information

The applicant claimed a portable horizontal grinder to process yard debris, land clearing debris, straw, manure, and wood waste prior to composting. These waste materials are recycled into high quality organic composts and landscape materials instead of being burned, landfilled or land applied. Prior to the purchase of this facility debris was burned on site, hauled to a burner for energy recovery, landfilled, land applied for agricultural purposes, or stockpiled on site. The facility has processed approximately 160,000 cubic yards of organic waste, including over 39,000 Christmas trees and over 7,000 cubic yards of manure and straw that would have been burned, landfilled, or land applied.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	4/6/2000
<i>Construction Completed</i>	4/6/2000
<i>Facility Placed into Operation</i>	4/6/2000
<i>Application Filed</i>	3/20/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces a substantial quantity of solid waste because it diverts 160,000 cubic yards of organic waste from being sent to the landfill.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Organic waste meets the definition of solid waste as defined in ORS 459.005 because it is manure and vegetative waste.

OAR 340-016-
 0010(7)
 OAR 340-016-
 0060(4)(e)

The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state. The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains organic waste from solid waste. Straw and manure from stables, yard debris, landclearing debris and wood waste are brought in for composting. The recovered material has real economic value as organic compost.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
ORS 468.173(1)

TRUE: Construction of the facility commenced on **4/6/2000**, construction was completed on **4/6/2000**, and the Department received the application on **3/20/2002**.

Facility Cost

Claimed Cost	\$217,000
Eligible Cost	\$217,000

Copies of invoices and cancelled checks substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces compost that sales for about \$20 per yard. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 5 years. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site:

Metro License #YD-0397 on December 23, 1997.

DEQ SW General #C2-003 on January 20, 1999.

NPDES #1200-Z on December 31, 1997.

No tax credit certificates have been issued to Grimm's Fuel Company at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Residential, commercial &
industrial solid waste and
recycling collector**

Taxpayer ID: **93-0924002**

The applicant's address is:

**3475 Blossom Drive NE
PO Box 17669
Salem, OR 97305**

Directors

Recommendation:	Approve
Applicant	Pacific Sanitation Inc.
Application No.	6091
Facility Cost	\$22,247
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Facility Identification

The certificate will identify the facility as:

**400 Rehrig Pacific 95-gallon yard
debris containers, serial numbers
2641-3040.**

**Five DeWald Northwest 2-yard
recycling containers, serial numbers
173552-173556.**

**Two 4-yard recycling containers, serial
numbers 174237 and 174238.**

**Two 6-yard recycling containers, serial
numbers 174239 and 174240.**

The applicant is the **Owner/Operator** of the
facility located at:

**3475 Blossom Drive NE
Salem, OR 97305**

Technical Information

The applicant claimed recycling containers used to collect recyclable materials from their residential and commercial customers. The commercial recycling containers and residential yard debris carts allow customers the ability to recycle waste that would otherwise go to the landfill. The applicant collects the recyclable material and delivers it to a processing facility for additional sorting and subsequent shipment to recycling mills. The material is converted into products of real economic value at the recycling mills.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	5/1/2001
<i>Construction Completed</i>	11/1/2001
<i>Facility Placed into Operation</i>	12/1/2001
<i>Application Filed</i>	3/20/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The recycling containers are used exclusively to collect refuse, paper, cardboard, glass, plastic and metals that would otherwise go to the landfill. The commercial containers are used exclusively to collect cardboard. The yard debris carts are used exclusively to collect vegetative and woody debris. The containers make recycling easier for the customers and therefore increase the amount of material that is recovered from being landfilled.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005:
 ORS 468.155
 (1)(b)(D)

All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: The claimed facility is a material recovery process that obtains useful material from refuse, and household garbage which meets the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains waste paper, cardboard, metals, plastic, glass and vegetative debris from solid waste through collection and pre-segregation. The applicant sends the recovered material to processing facilities where it is turned into products of real economic value.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **11/1/2001** and the Department received the application on **3/20/2002**.

Facility Cost

Claimed Cost		\$22,247
	Eligible Cost	\$22,247

Copies of invoices and cancelled checks substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$22,247** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the applicant or to the site. The EQC issued four pollution control tax credit certificates to Pacific Sanitation, Inc. and one certificate to Lowell & Elizabeth Kuenzi at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Western Pulp Products Co.
Application No.	6097
Facility Cost	\$19,824
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Manufacturer of pulp products**

Taxpayer ID: **93-0469389**

The applicant's address is:

**PO Box 968
5025 SW Hout Street
Corvallis, OR 97339**

Technical Information

The applicant claimed a forklift used in essential tasks of converting recycled waste fiber into products of real economic value. The applicant operates a pulp mill where recycled waste paper fiber is converted into molded pulp products. The forklift is used to unload trailers of inbound recycled paper to storage; transfers recycled paper from inbound storage to the pulping area; places the recycled paper into large hydro-pulpers for processing; transfers the finished pallets of recycled goods into the warehouse and transfers the recycled goods from the warehouse to outbound shipping trailers. The claimed facility aids in the process of preventing approximately 5.1 million pounds of waste fiber from being landfilled per year.

Facility Identification

The certificate will identify the facility as:

**One Toyota Forklift Model 7FGU18,
Serial number 7FGU18-61755**

The applicant is the **Owner/Operator** of the facility located at:

**Western Pulp Products Co.
5005 SW Lowe Street
Corvallis, OR 97333**

Eligibility

Timely Filing ORS 468.165 (6) and OAR 340-016-007 The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/3/2001
<i>Construction Completed</i>	12/3/2001
<i>Facility Placed into Operation</i>	12/3/2001
<i>Application Filed</i>	3/21/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility reduces a significant amount of solid waste by aiding in the process that uses recovered materials such as corrugated cardboard, wax paper and newspaper to create nursery pots, floral containers and packaging materials. In one year, production of these end products has diverted 5.1 million bone dry lbs of recyclable waste from landfill.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386
ORS 468.155
(1)(b)(D)

TRUE: Cardboard, wax paper and newspaper meetsthe definition of solid waste as defined in ORS 459.005, because it is discarded, non-putrescible waste.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility aids in the utilization of discarded cardboard, wax paper and newspaper from solid waste. The recovered material is used in the creation of molded pulp nursery pots, floral containers and packaging materials. The facility moves the recyclable material needed to produce the competitive end product through the various stages of process, from unloading inbound material to loading the outbound trailers with finished product, and all transfers along the way.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was ORS 468.173(1) filed on or before December 31, 2003.
OAR 340-016-0007

TRUE: Construction of the facility was completed on **12/3/2001** and the Department received the application on **3/21/2002**.

Facility Cost

Claimed Cost	\$19,824
Eligible Cost	\$19,824

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$19,824** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified ten facilities at this location: none for this facility.

Reviewers: Maggie Vandehey, DEQ.



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Financial institution**

Taxpayer ID: **93-1007653**

The applicant's address is:

**c/o Dooling Lease Management Corp
6400 SW Corbett Avenue
Portland, OR 97201-3558**

Directors	
Recommendation:	Approve
Applicant	Premier West Bank
Application No.	6108
Facility Cost	\$456,592
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**2001 Volvo WXLL64 truck,
VIN number 4V2HC6UE81N316668
One Labrie Expert 2000 side loader
w/helping hand, Serial number
TS0010ISN
One 2001 International Model 4900 Truck,
VIN number 1HTSDAAN61H373000
One Labrie Expert 2000 side loader
Serial number CL00102ISA
One 2002 Volvo Model WXLL Expeditior
truck,
VIN number 4V2HC6UE82N332505
One Labrie 31 cubic yd. Expert 2000 side
loader w/ helping hand, Serial number
CL01102SVG**

The applicant is the Lessor/Non-operator of
the facility located at:

**Oregon City Garbage Co.
820 7th Street
Oregon City, OR 97045**

Technical Information

The applicant claimed three new recycling trucks with side loaders used to collect recyclable materials from residential and commercial customers in Clackamas County. The purchase of the trucks has changed the recycling sort from a five-sort to a three-sort. Prior to the purchase of this facility recyclables were collected in an open-bin type truck. Customers were expected to sort their recycling into five separate categories. The convenience to the customer of reduced sorting has increased participation in the recycling program. This facility can also collect more recyclables per trip than the prior facility which reduces the number of trucks operating daily.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2001
<i>Construction Completed</i>	12/31/2001
<i>Facility Placed into Operation</i>	12/31/2001
<i>Application Filed</i>	3/27/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste, because it diverts an average of over 116 tons of recyclable material per month from being sent to landfill. The amount of recyclable material is considered substantial compared to the previous control. The previous control consisted of a five-sort customer pre-segregation process. The new three-sort process is more convenient for the customer and has resulted in an increase in recycling participation.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

ORS 468.155
(1)(b)(D)

TRUE: Recyclable material including, but not limited to, paper, aluminum and glass meets the definition of solid waste as defined in ORS 459.005, because it is discarded rubbish.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains recyclable material from curbside collection. The recovered material is used by recycling mills in the making of competitive end products with similar properties. The facility produces the end product through collection and pre-segregation of the recyclable material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.

ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **12/31/2001** and the Department received the application on **3/27/2001**.

Facility Cost
Claimed Cost

		\$456,592
Eligible Cost		\$456,592

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces usable commodities. The revenue was not considered in the ROI calculation which is based on the lessor's income and expenditures for the lease.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 5 years. The facility does not have a positive cash flow for the lessor. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site: Storm waste water permit 1200Z, file number 109807, issued 10/9/2002 – 6/30/2007. The EQC previously certified two facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Premier West Bank
Application No.	6109
Facility Cost	\$175,000
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Financial institution**

Taxpayer ID: **93-1007653**

The applicant's address is:

**6400 SW Corbett Avenue
Portland, OR 97201-3558**

Facility Identification

The certificate will identify the facility as:

**3000 60-gallon Versa Carts-w/yard debris
vents, Serial numbers 604301-607300
576 65-gallon Carts with lids, Serial
numbers 10880-11455**

The applicant is the **lessor** of the facility
operated by **Oregon City Garbage Co.**
located at:

**820 7th Street
Oregon City, OR 97045**

Technical Information

The applicant claimed recycling roll carts used to collect yard debris from their residential customers. Prior to the implementation of the roll carts, customers left their yard waste at the curb in garbage cans, kraft bags and piles prepared according to specific guidelines. Waste not prepared correctly was left behind and sometimes ended up in landfill. The added convenience of the roll carts has increased participation in the yard debris recycling program and significantly decreased the overall weight of solid waste collected. The yard debris is delivered to a yard waste collection depot where it is composted for use as garden mulch.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2001
<i>Construction Completed</i>	12/31/2001
<i>Facility Placed into Operation</i>	12/31/2001
<i>Application Filed</i>	3/27/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: Prior to the implementation of the roll carts, the customer had to prepare yard debris according to specific guidelines. Yard waste not prepared properly ended up in the landfill. The average weight of solid waste per stop in 1999, prior to the implementation of yard debris roll carts, was about 124 lbs. In 2001 roll carts were provided and the average weight of solid waste collected per stop dropped to about 92 lbs. This represents an average **26% reduction in solid waste** weight after the yard debris carts were provided.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386
ORS 468.155
(1)(b)(D)

TRUE: Yard debris meets the definition of solid waste as defined in ORS 459.005, because it is discarded refuse.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains yard debris from curbside customer collection which is taken to a yard waste collection depot. There the material is processed and composted for garden mulch. Garden mulch is a competitive product of real economic value.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **12/31/2001** and the Department received the application on **3/27/2002**.

Facility Cost

Claimed Cost		\$175,000
	Eligible Cost	\$175,000

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces usable commodities. The revenue was not considered in the ROI calculation which is based on the lessor's income and expenditures for the lease.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 7 years. The facility does not have a positive cash flow for the lessor. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.

ORS **Savings/Increase Costs:** No savings or increases in costs were identified.
468.190(1)(d)

ORS 468.190(1)(e) **Other Relevant Factors:** No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site: Storm waste water permit 1200Z, file number 109807, issued 10/9/2002-6/30/2007. The EQC issued no previous certificates at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors
Recommendation: **Approve @ Reduced Cost**
Applicant **Pacific Sanitation, Inc.**
Application No. **6122**
Facility Cost **\$14,196**
Percentage Allocable **100%**
Maximum Tax Credit **35%**
Certificate Period **5 years**

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Residential, commercial &
industrial sold waste & recycling
collector**

Taxpayer ID: **93-0924002**

The applicant's address is:

**3475 Blossom Drive NE
PO Box 17669
Salem, OR 97305**

Facility Identification

The certificate will identify the facility as:

**Used 1986 EVO Lodal side loader
truck, VIN # 1L9DD42B6GK006471**

The applicant is the **Owner/Operator** of the
facility located at:

**3475 Blossom Drive NE
Salem, OR 97305**

Technical Information

The claimed facility is used to collect recyclable materials from residential and commercial collection customers. The applicant collects the recyclable material and delivers it to a processing facility for additional sorting and subsequent shipment to recycling mills. The material is converted into products of real economic value at the recycling mills.

Eligibility

Timely Filing
ORS 468.165 (6) The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	5/1/2001
<i>Construction Completed</i>	2/2/2002
<i>Facility Placed into Operation</i>	2/2/2002
<i>Application Filed</i>	4/9/2002

Purpose: Voluntary
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a) The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The recycling truck is used exclusively to collect paper, cardboard, glass, plastic and metals that would otherwise go to the landfill. The facility prevents 480 tons of recyclable material from being sent to the landfill each year.

Method
ORS 468.155
(1)(b)(D) The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005:

All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: The claimed facility is a material recovery process that obtains useful material from household garbage which meets the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains waste paper, cardboard, metals, plastic, and glass from solid waste through collection. The applicant sends the recovered material to processing facilities where it is turned into products of real economic value.

Exclusions
ORS 468.155 (3)(d) The claimed facility does not include any distinct portion that makes an insignificant contribution to the principal or sole purpose of the facility including company or related signs.

FALSE: The claimed facility included the cost for painting the company logo. Company related signage is specifically excluded from the definition of a pollution control facility. The associated cost is subtracted from the claimed cost under the Facility Cost section.

Maximum Credit
ORS 468.173(3)(d) The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the
ORS 468.170(10) facility is used for material recovery or recycling, as those terms are defined in
ORS 468.165(6) ORS 459.005.

TRUE: The application was filed on **4/9/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost	\$21,481
Salvage value of pre-existing facility	(\$6,500)
Insignificant contribution to pollution control purpose: Company signage	(\$785)
Eligible Cost	\$14,196

Copies of invoices and cancelled checks substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$14,196** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the applicant or to the site. The EQC issued four pollution control tax credit certificates to Pacific Sanitation, Inc. and one certificate to Lowell & Elizabeth Kuenzi at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Avenue
Portland, OR 97210**

Technical Information

The applicant claimed four reverse-vending machines used to redeem recyclable beverage containers directly from Albertson's retail customers. Two of the machines recycle aluminum, one recycles glass, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6150
Facility Cost	\$39,564
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**Two Envipco Model CFM 1500 reverse
vending machines, Serial numbers
031641 and 031668**

**One Envipco Model CFG 1500 reverse
vending machine, Serial # 040986**

**One Envipco Model CFP 1500 reverse
vending machine, Serial # 051311**

The applicant is the **Owner/Operator** of the
facility located at:

**Albertsons #591
88 NE 25th Avenue
Hillsboro, OR 97124**

Eligibility

Timely Filing ORS 468.165 (6) and OAR 340-016-007 The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	8/15/2001
<i>Facility Placed into Operation</i>	8/15/2001
<i>Application Filed</i>	5/13/2002

Purpose: Voluntary ORS 468.155 (1)(a)(B) OAR 340-016-0060(2)(a) The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method ORS 468.155 (1)(b)(D) The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum, glass and plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum, plastic and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **8/15/2001** and the Department received the application on **5/13/2002**.

Facility Cost

Claimed Cost		\$39,564
	Eligible Cost	\$39,564

Copies of invoices and a project summary substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$39,564** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6152
Facility Cost	\$39,564
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Avenue
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**Two Envipco Model CFM-1500
reverse vending machine, Serial
numbers 031395 and 031661
Two Envipco Model CFG-1500 reverse
vending machine, Serial numbers
040855 and 040908**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1504
2650 Hwy 20
Bend, OR 97701**

Technical Information

The applicant claimed four reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. Two of the machines recycle aluminum and two recycle glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/29/1999
<i>Construction Completed</i>	5/10/2001
<i>Facility Placed into Operation</i>	5/10/2001
<i>Application Filed</i>	5/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Aluminum, glass and plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum, plastic and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **5/10/2001** and the Department received the application on **5/13/2002**.

Facility Cost

Claimed Cost	\$39,564
Eligible Cost	\$39,564

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$39,564** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Avenue
Portland, OR 97210**

Technical Information

The applicant claimed one reverse-vending machine used to redeem recyclable beverage containers directly from Safeway's retail customers. This machine recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6154
Facility Cost	\$9,996
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFP 1500 reverse
vending machine, Serial # 051312**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1529
10599 McLoughlin Boulevard
Oregon City, OR 97267**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	6/26/2001
<i>Construction Completed</i>	7/13/2001
<i>Facility Placed into Operation</i>	7/13/2001
<i>Application Filed</i>	5/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains recyclable plastic. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **7/13/2001** and the Department received the application on **5/13/2002**.

Facility Cost

Claimed Cost

\$9,996

Eligible Cost

\$9,996

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$9,996** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6155
Facility Cost	\$9,996
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Avenue
Portland, OR 97210**

Technical Information

The applicant claimed one reverse-vending machine used to redeem recyclable beverage containers directly from Safeway's retail customers. This machine recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFP 1500 reverse
vending machine, Serial # 051137**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1601
2490 N Hwy 99W
McMinnville, OR 97128**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	4/28/2000
<i>Construction Completed</i>	7/12/2001
<i>Facility Placed into Operation</i>	7/12/2001
<i>Application Filed</i>	5/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)

OAR 340-016-0060(2)(a) **TRUE:** The facility reduces an average of 50 pounds of plastic material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains recyclable plastic. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **7/12/2001** and the Department received the application on **5/13/2002**.

Facility Cost

Claimed Cost	\$9,996
Eligible Cost	\$9,996

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$9,996** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6158
Facility Cost	\$39,354
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Avenue
Portland, OR 97201**

Facility Identification

The certificate will identify the facility as:

**Three Envipco Model CFM 1500
reverse vending machines, Serial
numbers 031587, 031659 and 031675
One Envipco Model CFG 1500 reverse
vending machine, Serial number
040987**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #521
20151 SE Hwy 212
Boring, OR 97009**

Technical Information

The applicant claimed four reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. Three of the machines recycle aluminum and one recycles glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility**Timely Filing**

ORS 468.165 (6) and
OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	7/31/2000
<i>Construction Completed</i>	9/9/2001
<i>Facility Placed into Operation</i>	9/9/2001
<i>Application Filed</i>	5/13/2002

Purpose: Voluntary

ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method

ORS 468.155
(1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum, glass and plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-
0010(7)
OAR 340-016-
0060(4)(e)

The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum, plastic and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **9/9/2001** and the Department received the application on **5/13/2002**.

Facility Cost

Claimed Cost	\$39,354
Eligible Cost	\$39,354

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$3,9354** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6159
Facility Cost	\$19,992
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Avenue
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFG 1500 reverse
vending machine, Serial number
041021**

**One Envipco Model CFP 1500 reverse
vending machine, Serial number
051304**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #521
20151 SE Hwy 212
Boring, OR 97009**

Technical Information

The applicant claimed two reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles glass and the other recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility**Timely Filing**

ORS 468.165 (6) and
OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	6/29/2001
<i>Construction Completed</i>	8/9/2001
<i>Facility Placed into Operation</i>	8/9/2001
<i>Application Filed</i>	5/13/2002

Purpose: Voluntary

ORS 468.155

(1)(a)(B)

OAR 340-016-

0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method

ORS 468.155

(1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum, glass and plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects plastic and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **8/9/2001** and the Department received the application on **5/13/2002**.

Facility Cost

Claimed Cost	\$19,992
Eligible Cost	\$19,992

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$19,992** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Safeway, Inc.
Application No.	6161
Facility Cost	\$45,592
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	8 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Retail grocery store chain**

Taxpayer ID: **94-3019135**

The applicant's address is:

**5918 Stoneridge Mall Road
Pleasanton, CA 94588**

Facility Identification

The certificate will identify the facility as:

**6-GPI Model M60STD vertical balers,
Serial numbers 1352STD, 1353STD,
1438STD, 1454STD, 1467STD and
1475STD.**

The applicant is the **Owner/Operator** of the
facility located at:

**Stores #1713, 1765, 424, 1889, 1751
& 311
West Linn, Corvallis, St. Helens, Aloha,
Molalla and Springfield, OR**

Technical Information

The applicant claimed six vertical hydraulic balers used to bundle used corrugated cardboard from six Safeway stores. The cardboard originates from cardboard cartons used to ship grocery products to the stores. Without the baler, used corrugated cardboard would be disposed of as regular trash to the store's compactor or dumpster and would be landfilled. After the cardboard is baled it is transported to a central consolidation point for pick-up by recycling vendors.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	5/17/2000
<i>Construction Completed</i>	6/25/2000
<i>Facility Placed into Operation</i>	6/25/2000
<i>Application Filed</i>	5/14/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces a substantial quantity of solid waste because it diverts used corrugated cardboard, which is 45-50% of Safeway's solid waste, from being sent to the landfill. This represents approximately 390,000 pounds per year.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

TRUE: Used corrugated cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded non-putrescible material.

- OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
- OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility bales used corrugated cardboard that originated as cartons used to ship grocery products to the stores. The cardboard is turned into competitive products with similar properties at the recycling mill. The facility contributes to the end product through pre-segregation and baling of the recovered materials.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.

ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **6/25/2000** and the Department received the application on **5/14/2002**.

Facility Cost

Claimed Cost

\$45,592

Eligible Cost

\$45,592

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$45,592** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. No EQC certificates have been issued to this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Retail grocery store chain**

Taxpayer ID: **94-3019135**

The applicant's address is:

**5918 Stoneridge Mall Road
Pleasanton, CA 94588**

Technical Information

The applicant claimed six vertical hydraulic balers used to bundle used corrugated cardboard from six Safeway stores. The cardboard originates from cardboard cartons used to ship grocery products to the stores. Without the baler, used corrugated cardboard would be disposed of as regular trash to the store's compactor or dumpster and would be landfilled. After the cardboard is baled it is transported to a central consolidation point for pick-up by recycling vendors.

Directors	
Recommendation:	Approve
Applicant	Safeway, Inc.
Application No.	6162
Facility Cost	\$45,342
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	8 years

Facility Identification

The certificate will identify the facility as:

**6-GPI Model M60STD vertical balers,
Serial numbers 1485STD,
1491STD, 1490STD, 1505STD,
1509STD and 1508STD**

The applicant is the **Owner/Operator** of the facility located at:

**Stores #378, 415, 509, 379, 1627
and 1766
Newport, Lincoln City, Portland,
Grants Pass and Klamath Falls, OR**

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	10/16/2000
<i>Construction Completed</i>	11/10/2000
<i>Facility Placed into Operation</i>	11/10/2000
<i>Application Filed</i>	5/14/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces a substantial quantity of solid waste because it diverts used corrugated cardboard, which is 45-50% of Safeway's solid waste, from being sent to the landfill. This represents approximately 390,000 pounds per year.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

TRUE: Used corrugated cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded non-putrescible material.

OAR 340-016-
 0010(7)
 OAR 340-016-
 0060(4)(e)

The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state. The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility bales used corrugated cardboard that originated as cartons used to ship grocery products to the stores. The cardboard is turned into competitive products with similar properties at the recycling mill. The facility contributes to the end product through pre-segregation and baling of the recovered materials.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **11/10/2000** and the Department received the application on **5/14/2002**.

Facility Cost

Claimed Cost	\$45,342
Eligible Cost	\$45,342

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$45,342** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. No EQC certificates have been issued to this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Safeway, Inc.
Application No.	6163
Facility Cost	\$44,092
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	8 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190
OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**
Business: **Retail grocery store chain**
Taxpayer ID: **94-3019135**

The applicant's address is:

**5918 Stoneridge Mall Road
Pleasanton, CA 94588**

Facility Identification

The certificate will identify the facility as:

**6-GPI Model M60STD vertical balers,
Serial numbers 1529STD, 1547STD,
1546STD, 1553STD, 1558STD and
1575STD**

The applicant is the **owner/operator** of the
facility located at:

**Stores #1094, 386, 1800, 512, 1710 &
4316
Springfield, Junction City, Sherwood,
Portland, Sweet Home, and Lakeview**

Technical Information

The applicant claimed six vertical hydraulic balers used to bundle used corrugated cardboard from six Safeway stores. The cardboard originates from cardboard cartons used to ship grocery products to the stores. Without the baler, used corrugated cardboard would be disposed of as regular trash to the store's compactor or dumpster and would be landfilled. After the cardboard is baled it is transported to a central consolidation point for pick-up by recycling vendors.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/4/2000
<i>Construction Completed</i>	1/24/2001
<i>Facility Placed into Operation</i>	1/24/2001
<i>Application Filed</i>	5/14/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts used corrugated cardboard, which is 45-50% of Safeway's solid waste, from being sent to the landfill. This represents approximately 390,000 pounds per year.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Used corrugated cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility bales used corrugated cardboard that originated as cartons used to ship grocery products to the stores. The cardboard is turned into competitive products with similar properties at the recycling mill. The facility contributes to the end product through pre-segregation and baling of the recovered materials.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **1/24/2001** and the Department received the application on **5/14/2002**.

Facility Cost

Claimed Cost	\$44,092
Eligible Cost	\$44,092

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$44,092** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. No EQC certificates have been issued to this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Safeway, Inc.
Application No.	6164
Facility Cost	\$30,228
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	8 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Retail grocery store chain**

Taxpayer ID: **94-3019135**

The applicant's address is:

**5918 Stoneridge Mall Road
Pleasanton, CA 94588**

Facility Identification

The certificate will identify the facility as:

4-GPI Model M60ST vertical balers, Serial numbers 1586STD, 1585STD, 1587STD and 1608STD

The applicant is the **Owner/Operator** of the facility located at:

**Stores # 407, 4404, 4510 and 1203
Woodburn, Dallas, Portland, and
Hillsboro, OR**

Technical Information

The applicant claimed four vertical hydraulic balers used to bundle used corrugated cardboard from six Safeway stores. The cardboard originates from cardboard cartons used to ship grocery products to the stores. Without the baler, used corrugated cardboard would be disposed of as regular trash to the store's compactor or dumpster and would be landfilled. After the cardboard is baled it is transported to a central consolidation point for pick-up by recycling vendors.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	2/6/2001
<i>Construction Completed</i>	3/13/2001
<i>Facility Placed into Operation</i>	3/13/2001
<i>Application Filed</i>	5/14/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts used corrugated cardboard, which is 45-50% of Safeway's solid waste, from being sent to the landfill. This represents approximately 390,000 pounds per year.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Used corrugated cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility bales used corrugated cardboard that originated as cartons used to ship grocery products to the stores. The cardboard is turned into competitive products with similar properties at the recycling mill. The facility contributes to the end product through pre-segregation and baling of the recovered materials.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **3/13/2001** and the Department received the application on **5/14/2002**.

Facility Cost

Claimed Cost	\$30,228
Eligible Cost	\$30,228

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$30,228** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. No EQC certificates have been issued to this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Safeway, Inc.
Application No.	6165
Facility Cost	\$26,272
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	8 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Retail grocery store chain**

Taxpayer ID: **94-3019135**

The applicant's address is:

**5918 Stoneridge Mall Road
Pleasanton, CA 94588**

Facility Identification

The certificate will identify the facility as:

**One GPI Model M60STD vertical baler,
Serial number 1600STD**

**Two GPI Model M60MD vertical balers,
Serial numbers 1467MD and 1457MD**

The applicant is the **Owner/Operator** of the
facility located at:

**Stores # 444, 4513 and 4342
Hermiston, Eugene, and Portland, OR**

Technical Information

The applicant claimed three vertical hydraulic balers used to bundle used corrugated cardboard from six Safeway stores. The cardboard originates from cardboard cartons used to ship grocery products to the stores. Without the baler, used corrugated cardboard would be disposed of as regular trash to the store's compactor or dumpster and would be landfilled. After the cardboard is baled it is transported to a central consolidation point for pick-up by recycling vendors.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	3/19/2001
<i>Construction Completed</i>	3/21/2001
<i>Facility Placed into Operation</i>	3/21/2001
<i>Application Filed</i>	5/14/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts used corrugated cardboard, which is 45-50% of Safeway's solid waste, from being sent to the landfill. This represents approximately 390,000 pounds per year.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Used corrugated cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility bales used corrugated cardboard that originated as cartons used to ship grocery products to the stores. The cardboard is turned into competitive products with similar properties at the recycling mill. The facility contributes to the end product through pre-segregation and baling of the recovered materials.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **3/21/2001** and the Department received the application on **5/14/2002**.

Facility Cost

Claimed Cost		\$26,272
	Eligible Cost	\$26,272

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$26,272** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. No EQC certificates have been issued to this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Safeway, Inc.
Application No.	6166
Facility Cost	\$46,205
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	8 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Retail grocery store chain**

Taxpayer ID: **94-3019135**

The applicant's address is:

**5918 Stoneridge Mall Road
Pleasanton, CA 94588**

Facility Identification

The certificate will identify the facility as:

**Five GPI Model M60STD vertical balers,
Serial numbers 1640STD, 1645STD,
1655STD, 1688STD and 1700STD
One GPI Model M60MD vertical baler,
Serial number 1484MD**

The applicant is the **Owner/Operator** of the
facility located at:

**Stores #782, 1556, 420, 297, 1458
and 1960**

**Sandy, Coos Bay, Eugene, Portland,
Cottage Grove and Madras, OR**

Technical Information

The applicant claimed six vertical hydraulic balers used to bundle used corrugated cardboard from six Safeway stores. The cardboard originates from cardboard cartons used to ship grocery products to the stores. Without the baler, used corrugated cardboard would be disposed of as regular trash to the store's compactor or dumpster and would be landfilled. After the cardboard is baled it is transported to a central consolidation point for pick-up by recycling vendors.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	5/7/2001
<i>Construction Completed</i>	10/21/2001
<i>Facility Placed into Operation</i>	10/21/2001
<i>Application Filed</i>	5/14/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts used corrugated cardboard, which is 45-50% of Safeway's solid waste, from being sent to the landfill. This represents approximately 390,000 pounds per year.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Used corrugated cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded non-putrescible material.

OAR 340-016-
0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-
0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for

the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility bales used corrugated cardboard that originated as cartons used to ship grocery products to the stores. The cardboard is turned into competitive products with similar properties at the recycling mill. The facility contributes to the end product through pre-segregation and baling of the recovered materials.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **10/21/2001** and the Department received the application on **5/14/2002**.

Facility Cost

Claimed Cost	\$46,205
Eligible Cost	\$46,205

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$46,205** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. No EQC certificates have been issued to this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Safeway, Inc.
Application No.	6167
Facility Cost	\$32,785
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	8 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Retail grocery store chain**

Taxpayer ID: **94-3019135**

The applicant's address is:

**5918 Stoneridge Mall Road
Pleasanton, CA 94588**

Facility Identification

The certificate will identify the facility as:

**Five GPI Model M60STD vertical balers,
Serial numbers 1743STD, 1803STD,
1802STD, 1807STD and 1835STD**

The applicant is the **Owner/Operator** of the facility located at:

**Stores # 1827, 371, 4381, 4333
and 298**

**La Grande, Enterprise, Baker City,
Corvallis, and Portland, OR**

Technical Information

The applicant claimed five vertical hydraulic balers used to bundle used corrugated cardboard from six Safeway stores. The cardboard originates from cardboard cartons used to ship grocery products to the stores. Without the baler, used corrugated cardboard would be disposed of as regular trash to the store's compactor or dumpster and would be landfilled. After the cardboard is baled it is transported to a central consolidation point for pick-up by recycling vendors.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	10/10/2001
<i>Construction Completed</i>	2/21/2002
<i>Facility Placed into Operation</i>	2/21/2002
<i>Application Filed</i>	5/14/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts used corrugated cardboard, which is 45-50% of Safeway's solid waste, from being sent to the landfill. This represents approximately 390,000 pounds per year.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386
ORS 468.155
(1)(b)(D)

TRUE: Used corrugated cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

(B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility bales used corrugated cardboard that originated as cartons used to ship grocery products to the stores. The cardboard is turned into competitive products with similar properties at the recycling mill. The facility contributes to the end product through pre-segregation and baling of the recovered materials.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 468.173(3)(d), ORS 468.170(10) and ORS 459.005.

TRUE: The application was filed on **5/14/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost	\$32,785
Eligible Cost	\$32,785

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$32,785** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. No EQC certificates have been issued to this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Kiser Enterprises, Inc.
Application No.	6232
Facility Cost	\$31,000
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Residential yard debris
collection**

Taxpayer ID: **93-0801438**

The applicant's address is:

**PO Box 338
Gladstone, OR 97027**

Facility Identification

The certificate will identify the facility as:

**1996 GMC garbage truck with Leach
packer, VIN number
1GDM7H1JXTJ500454**

The applicant is the **Owner/Operator** of the
facility located at:

**PO Box 338
Gladstone, OR 97027**

Technical Information

The applicant claimed a garbage truck used to pick up yard debris recycling from residents of the City of Milwaukie. Prior to this facility, yard debris was being collected in 32-gallon carts and was being picked up by one truck which also picked up garbage. The new yard debris program uses 65-gallon carts which necessitated the need for a separate truck used exclusively for yard debris. This facility is essential to a program which recycles twice as much yard debris as the old program.

Eligibility

Timely Filing ORS 468.165 (6) The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	6/7/2002
<i>Construction Completed</i>	6/7/2002
<i>Facility Placed into Operation</i>	9/1/2002
<i>Application Filed</i>	8/1/2002

Purpose: Voluntary ORS 468.155 (1)(a)(B) OAR 340-016-0060(2)(a) The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces a substantial quantity of solid waste because it diverts yard debris from the residential curbside recycling program from being sent to the landfill. This facility allows for the recycling of approximately twice as much yard debris as the previous facility.

Method ORS 468.155 (1)(b)(D) The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386. The **definition** of solid waste in ORS 459.005(b) **excludes** "Materials used for fertilizer or for other productive purposes or which are salvageable as such material are used on land in agricultural operations and the growing or harvesting of crops and the raising of animals."

TRUE: Yard debris meets the definition of solid waste as defined in ORS 459.005, because it is discarded refuse.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains yard debris from the city curbside recycling program. Yard debris is then transported to a yard waste collection facility that turns the yard debris to compost.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and
ORS 468.173(3)(d) construction of the facility commenced on or after January 1, 2001 and
ORS 468.170(10) construction was completed on or after January 1, 2002; and the facility is used
ORS 468.165(6) for material recovery or recycling, as those terms are defined in ORS 459.005.

TRUE: Construction of the facility commenced on **6/7/2002**, construction was completed on **6/7/2002**, and the Department received the application on **8/1/2002**.

Facility Cost

Claimed Cost	\$31,000
Eligible Cost	\$31,000

A bill of sale substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$31,000** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Landscape design, installation &
maintenance**

Taxpayer ID: **93-0820720**

The applicant's address is:

**7355 SE Johnson Creek Blvd
Portland, OR 97206**

Technical Information

The applicant claimed this tub grinder used for shredding yard debris into compostable material. Prior to the purchase of the tub grinder, approximately 12 truckloads (140 yards) of yard debris were hauled weekly to a commercial composting operation. Yard debris from landscape operations is now shredded on site and sold as mulch, mixed with topsoil or composted thus reducing soil erosion and water usage.

Directors	
Recommendation:	Approve
Applicant	Dennis' Seven Dees Landscaping, Inc.
Application No.	6235
Facility Cost	\$61,000
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**Duratech portable tub grinder Model
HD8, Series V, Serial # 24-3-BJ-0426**

The applicant is the **Owner/Operator** of the
facility located at:

**7355 SE Johnson Creek Blvd
Portland, OR 97206**

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	6/11/2002
<i>Construction Completed</i>	6/25/2002
<i>Facility Placed into Operation</i>	6/26/2002
<i>Application Filed</i>	8/7/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts 140 yards of waste from being sent to the landfill weekly.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005:
ORS 468.155
(1)(b)(D)

All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Yard debris meets the definition of solid waste as defined in ORS 459.005 because it is vegetative waste.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains yard debris from solid waste. The recovered material is processed on site and sold as mulch, mixed with topsoil or composted.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 468.173(3)(d), ORS 468.170(10) and ORS 468.165(6).

TRUE: The application was filed on **8/7/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost	\$61,000
Eligible Cost	\$61,000

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces mulch which is sold. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 5 years. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.

ORS 468.190(1)(e) **Other Relevant Factors:** No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits or tax credit certificates have been issued to the applicant or site.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6236
Facility Cost	\$126,269
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Avenue
Portland, OR 97210**

Technical Information

The applicant claimed one Balemaster auto-tie baler for crushing and baling recyclable aluminum collected from reverse-vending machines installed at retail locations. Prior to the purchase and installation of this facility, a less energy efficient baler was used. The Balemaster processes 33% more volume per machine hour, reducing the amount of time that the machine is on. After the aluminum is crushed and baled, the applicant then delivers the aluminum to recycling mills where it is converted into products of real economic value.

Facility Identification

The certificate will identify the facility as:

**One Balemaster Model E-915
aluminum tie baler
Serial number B0123-02-1101507**

The applicant is the **Owner/Operator** of the facility located at:

**3900 NW Yeon Avenue
Portland, OR 97210**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	1/26/2001
<i>Construction Completed</i>	4/29/2001
<i>Facility Placed into Operation</i>	4/30/2001
<i>Application Filed</i>	8/9/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility produces crushed and baled aluminum at a 33% greater rate than with the previous baler which creates more energy efficiency.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility crushes and bundles recycled aluminum. The recovered material is used in a competitive end product with similar properties.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **4/29/2001** and the Department received the application on **8/9/2002**.

Facility Cost

Claimed Cost		\$126,269
	Eligible Cost	\$126,269

Copies of invoices report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility packages a saleable and usable commodity. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 7 years. The facility has an annual negative cash flow of \$56,208; therefore the percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; one at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6237
Facility Cost	\$363,535
Percentage Allocable	74%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Avenue
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

Remcon tote conveyor system

The applicant is the **Owner/Operator** of the facility located at:

**3900 NW Yeon Avenue
Portland, OR 97210**

Technical Information

The applicant claimed a tote conveyor system that moves containers of recyclable glass, plastic and aluminum to baling and crushing machines. Prior to the installation of this new facility a much smaller tote system was used. The new facility processes 50% more volume per machine hour which reduces the time that the equipment is used. After the aluminum is crushed and baled, the applicant then delivers the aluminum to recycling mills where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	10/12/2000
<i>Construction Completed</i>	7/15/2001
<i>Facility Placed into Operation</i>	7/16/2001
<i>Application Filed</i>	8/9/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The Remcon tote conveyor system moves containers of recyclable aluminum, glass and plastic to the crushing and baling machine. After crushing and baling the recyclable material is used in competitive products with similar properties. Prior to the new tote conveyor being installed, a smaller, less efficient tote system was being used. The new tote conveyor processes 50% more volume per machine hour.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum, glass and plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility moves containers recyclable glass, plastic and aluminum to crushing and baling machines. After the material is baled it is transferred to recycling mills where it is turned into competitive end products with similar properties.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **7/15/2001** and the Department received the application on **8/9/2002**.

Facility Cost

Claimed Cost		\$363,535
	Eligible Cost	\$363,535

Copies of invoices and cancelled checks substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **74%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 7 years. The facility has an annual positive cash flow of \$56,652. The percentage of the cost allocable to pollution control is 74% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.

ORS 468.190(1)(e) **Other Relevant Factors:** No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; one at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors
Recommendation: **Approve @ Reduced Cost**
Applicant **Newberg Garbage Service, Inc.**
Application No. **6238**
Facility Cost **\$347,912**
Percentage Allocable **100%**
Maximum Tax Credit **35%**
Certificate Period **5 years**

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190
OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**
Business: **Residential and commercial solid
waste collector and recycler**
Taxpayer ID: **93-0625804**

The applicant's address is:

**PO Box 1000
Newberg, OR 97132**

Facility Identification

The certificate will identify the facility as:

**4,250 95-gallon yard debris carts, Serial
numbers 900828-9005077**
**4,250 95-gallon co-mingled recycling carts,
Serial numbers 9005078-9009327**

The applicant is the **Owner/Operator** of the
facility located at:

**2904 S Wynooski Road
Newberg, OR 97132**

Technical Information

The applicant is a residential and commercial solid waste recycler in the City of Newberg in Yamhill County. The applicant claimed recycling carts for collection of yard debris and co-mingled products to be used in a new recycling program implemented in the City of Newberg. The recyclable material is collected and sent to a material recovery facility for additional sorting and subsequent shipment to recycling mills.

Prior to implementing the new yard-debris program, 29 tons of debris were recycled per month. Since the program began, approximately 158 tons per month of yard debris is being recycled instead of landfilled. The applicant sends the yard debris to a composting facility. The new co-mingled program recovers approximately 81 tons of material, an increase of 42 tons per month over the old recycling program.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	1/30/2001
<i>Construction Completed</i>	4/30/2002
<i>Facility Placed into Operation</i>	4/30/2002
<i>Application Filed</i>	8/9/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)

OAR 340-016-0060(2)(a)

TRUE: The recycling truck, yard debris carts and recycling carts component of the facility reduces a substantial quantity of solid waste because it diverts an average of 81 tons of recyclable material per month from being sent to the landfill. This is an increase of 42 tons of material that has been diverted from the landfill per month. This is an increase of 107% over the previous control which did not include recycling of scrap paper and yard debris. This facility has made it more convenient for homeowners to recycle. There has been a 52% increase in customers taking part in the recycling program. In addition, the yard debris curbside collection and transfer site now average 158 tons per month (up from 29 tons).

FALSE: The Wam computer software is not used "exclusively" to control, reduce, or prevent pollution. It is used to tracking of the placement of the collection containers, the waste stream, to maintain customer information, routing, accounts receivable, and reporting of services and revenues by franchise areas. The cost is subtracted from the claimed cost under the Facility Cost section.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

ORS 468.155
(1)(b)(D)

TRUE: Curbside recycling materials meet the definition of solid waste as defined in ORS 459.005 because it is discarded materials.

OAR 340-016- The facility produces an end product of utilization that is an item of real
0010(7) economic value and is competitive with an end product produced in another state.
OAR 340-016- The facility shall produce the end product by mechanical processing, chemical
0060(4)(e) processing; or through the production, processing, pre-segregation, or use of
materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains recyclable materials from co-mingled curbside recycling pick-up. The recovered material is used in the manufacture of competitive products of real economic value containing similar properties. The original source of the waste includes, but is not limited to, newspapers, phone books, magazine, containers of glass, plastic, aluminum and motor oil. The facility contributes to the production of the end product through pre-segregation of the recovered materials.

Exclusions The solid waste facility or a portion of the facility is designed for and is being
ORS 468.170(4)(a) operated in accordance with the tax credit regulations.

TRUE: The yard debris carts are operating in accordance with the tax credit regulations.

FALSE: The applicant claimed the cost to rent a truck prior to the purchase of the 2003 Volvo recycling truck. The applicant no longer rents or otherwise uses the truck. The associate cost has been subtracted from the claimed cost under the Facility Cost section.

Replacement ORS 468.155 (3)(e) The replacement or reconstruction of all or part of a facility that has previously been certified as a pollution control facility under ORS 468.170 is not included in the claimed facility with two exceptions: 1) the facility was replaced due to a requirement imposed by DEQ or EPA that is different than the requirement to construct the original facility; or 2) the facility was replaced before the end of its useful life.

TRUE: The yard debris carts do not replace previously certified carts.

FALSE: The claimed 2003 Volvo recycling truck replaced the truck certified on the attached Certificate Number 2860. The claimed facility was not installed due to a requirement imposed by DEQ or EPA. The certificate issued in 1992 for the original facility has expired. The cost of the 2003 Volvo truck has been removed from the claimed facility cost as shown under the Facility Cost section below.

Maximum Credit ORS 468.173(3)(d) The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the ORS 468.170(10) facility is used for material recovery or recycling, as those terms are defined in ORS 468.165(6) ORS 459.005.

TRUE: The application was filed on **8/9/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost	\$533,447
Wam Software	(6,186)
Truck Rental	(2,500)
2003 Volvo Recycling Truck	(176,849)
Eligible Cost	\$347,912

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 5 years. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Cost: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility. The EQC certified the following facilities to the applicant:

Description of Facility	Media	Certified Cost	Cert. No	Action Date
Recycling center at transfer station and 4 drop off centers	SW	\$49,876	1901	12/12/86
Recycled glass drop box.	SW	\$2,645	1977	3/11/88
Truck, various equipment for the recycling center.	SW	\$52,217	2860	7/24/92
Galvanic cathodic protection on two steel underground storage tanks and spill containment basins.	UST	\$16,245	4449	12/19/00
One recycling collection trailer with twelve compartments and four cart tipplers; two hundred seventy five 65 gallon collection carts: and one thousand one hundred in office paper collection bins.	SW	\$42,810	4379	9/29/00
One 1999 Hino recycling collection truck, S/N JFBFA4JC5X1S10077	SW	\$30,000	4380	9/29/00
One 29 yard drop box, S/N 10774; two Model A sheds, S/N 157679 & 157680; and twenty eight 2-yard rear load containers, S/N 164521-164546, 165486-165491, and 156799-156808	SW	\$14,918	4382	9/29/00
One thousand 14 gallon recycling collection bins	SW	\$4,796	4383	9/29/00
One thumb attachment for a backhoe type loader	SW	\$1,000	4421	12/1/00
Twelve - 2 yard rear load cardboard collection containers.	SW	\$3,772	4592	12/7/01
Seven hundred 14-gallon collection bins.	SW	\$3,300	4593	12/7/01

Reviewers: Maggie Vandehey, DEQ

POLLUTION CONTROL FACILITY CERTIFICATE

ISSUED TO: Newberg Garbage Service PO Box 990 Newberg, OR 97132	LOCATION OF POLLUTION CONTROL FACILITY: 2904 Wynooski Rd. Newberg, OR
ATTENTION: Marvin Schneider	
AS: () LESSEE (x) OWNER () INDIV () PARTNER () CORP () NON-PROFIT () CO-OP	
DESCRIPTION OF POLLUTION CONTROL FACILITY: Truck and electric tailgate; site preparation and concrete work for shipping area; bags and stands, buckets, drop boxes and material identification signs.	
TYPE OF POLLUTION CONTROL FACILITY: () AIR () NOISE () WATER (x) SOLID WASTE () HAZARDOUS WASTE () USED OIL	
DATE FACILITY WAS COMPLETED: 7-1-91 PLACED INTO OPERATION: 5-1-90	
ACTUAL COST OF POLLUTION CONTROL FACILITY: \$47,217.24	
PERCENT OF ACTUAL COST PROPERLY ALLOCABLE TO POLLUTION CONTROL: 100%	

Based upon the information contained in the application referenced above, the Environmental Quality Commission certifies that the facility described herein was erected, constructed or installed in accordance with the requirements of subsection (1) of ORS 468.165, and is designed for, and is being operated or will operate to a substantial extent for the purpose of preventing, controlling or reducing air, water or noise pollution or solid waste, hazardous wastes or used oil, and that it is necessary to satisfy the intents and purposes of ORS Chapters 454, 459, 467 and 468 and rules adopted thereunder.

Therefore, this Pollution Control Facility Certificate is issued this date subject to compliance with the statutes of the State of Oregon, the regulations of the Department of Environmental Quality and the following special conditions:

1. The facility shall be continuously operated at maximum efficiency for the designed purpose of preventing, controlling, and reducing the type of pollution as indicated above.
2. The Department of Environmental Quality shall be immediately notified of any proposed change in use or method of operation of the facility and if, for any reason, the facility ceases to operate for its intended pollution control purpose.
3. Any reports or monitoring data requested by the Department of Environmental Quality shall be promptly provided.

NOTE: The facility described herein is not eligible to receive tax credit certification as an Energy Conservation Facility under the provisions of Chapter 512, Oregon Law 1979, if the person issued the Certificate elects to take the tax credit relief under ORS 316.097 or 317.072.

Signed: William W. Wessinger
Title: William W. Wessinger, Chairman



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Residential and commercial solid
waste collector and recycler**

Taxpayer ID: **93-0625804**

The applicant's address is:

**PO Box 1000
Newberg, OR 97132**

Technical Information

The applicant claimed thirteen 2-yard tote bins and one 5-yard tote bin used to collect glass for recycling at local wineries. The applicant collects and recycles 2.6 tons of glass per month from local wineries in Yamhill County. A reprocessor collected glass from area wineries until September 2001 when they discontinued collection. Because the wineries are located in the county, outside regular recycling collection routes, this glass would have gone to the landfill.

Directors

Recommendation: **Approve**

Applicant **Newberg Garbage Service, Inc.**

Application No. **6252**

Facility Cost **\$3,361**

Percentage Allocable **100%**

Maximum Tax Credit **50%**

Certificate Period **5 years**

Facility Identification

The certificate will identify the facility as:

**Ten 2-yard tote bins Model 320FP, Serial
numbers 174048-174057**

**Three 2-yard tote bins with 2" drain Model
320FP, Serial numbers 173677-173680**

**One 5-yard tote bin, Model ZCU00128,
Serial number 173680**

The applicant is the **Owner/Operator** of the
facility located at:

**2904 S Wyooski
Newberg, OR 97132**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

ORS 468.165 (6)
and OAR 340-016-
007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	8/1/2001
<i>Construction Completed</i>	10/31/2001
<i>Facility Placed into Operation</i>	10/31/2001
<i>Application Filed</i>	8/12/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts approximately 31 tons of waste from being sent to the landfill.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

ORS 468.155
(1)(b)(D)

TRUE: Glass meets the definition of solid waste as defined in ORS 459.005 because it is discarded rubbish.

OAR 340-016-0010(7)
OAR 340-016-0060(4)(e)

The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state. The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains recyclable glass from collection bins at local wineries. The facility collects recyclable glass that originated as beverage containers. The recycled glass is made available to recycling mills where the recovered material is used to produce a competitive end product with similar properties.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **10/31/2001** and the Department received the application on **8/12/2002**.

Facility Cost

Claimed Cost	\$3,361
Eligible Cost	\$3,361

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$3,361** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility. The EQC issued eleven certificates to the applicant at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Newberg Garbage Service, Inc.
Application No.	6253
Facility Cost	\$10,411
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Residential and commercial solid
waste collector and recycler**

Taxpayer ID: **93-0625804**

The applicant's address is:

**PO Box 1000
Newberg, OR 97132**

Facility Identification

The certificate will identify the facility as:

**Sixteen 2-yard rear load containers, Serial
numbers 173421-173426 and 173784-
173793;**

**Three 4-yard rear load containers, Serial
numbers 174306-174308;**

**Two 6-yard rear load containers, Serial
numbers 174309-174310**

The applicant is the **Owner/Operator** of the
facility located at:

**2904 S Wyooski
Newberg, OR 97132**

Technical Information

The applicant claimed sixteen two-yard, three four-yard and two six-yard commercial rear-load containers that are provided to the applicant's commercial customers for the collection of cardboard. Because of the demand created by the quantity of cardboard being recycled, these additional containers were purchased and supplied to customers. The containers give commercial customers convenient storage area to recycle cardboard which is picked up and delivered to a recycling recovery center. The convenience of onsite storage has resulted in an increase in cardboard recycling.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	8/1/2001
<i>Construction Completed</i>	10/31/2001
<i>Facility Placed into Operation</i>	8/1/2001
<i>Application Filed</i>	8/12/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces a substantial quantity of solid waste because it diverts approximately an additional 107 tons of used cardboard from being landfilled annually. Prior to this facility, customers were supplied with containers for cardboard recycling, however, with the increase in demand, more containers were needed.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

TRUE: Used cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded rubbish.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains used cardboard from rear-load containers placed with commercial customers for convenient recycling. The cardboard is then picked up and delivered to a recycling mill where it is turned into a competitive end product with similar properties.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **10/31/2001** and the Department received the application on **8/12/2002**.

Facility Cost

Claimed Cost		\$10,411
	Eligible Cost	\$10,411

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$10,411** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility. The EQC certified eleven facilities to the applicant at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Newberg Garbage Service, Inc.
Application No.	6254
Facility Cost	\$2,711
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Residential and commercial solid
waste collector and recycler**

Taxpayer ID: **93-0625804**

The applicant's address is:

**PO Box 1000
Newberg, OR 97132**

Facility Identification

The certificate will identify the facility as:

**Three 2-yard commercial rear load
containers, Serial numbers 176699-
176701;**

**Two 3-yard commercial rear load
containers, Serial numbers 176752-
176753**

The applicant is the **Owner/Operator** of the
facility located at:

**2904 S Wynooski
Newberg, OR 97132**

Technical Information

The applicant claimed three two-yard and two three-yard commercial rear-load containers that are provided to the applicant's commercial customers for the collection of cardboard. Because of the demand created by the quantity of cardboard being recycled, these additional containers were purchased and supplied to customers. The containers give commercial customers convenient storage area to recycle cardboard which is picked up and delivered to a recycling recovery center. The convenience of onsite storage has resulted in an increase in cardboard recycling.

Eligibility

Timely Filing
ORS 468.165 (6) The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	6/1/2002
<i>Construction Completed</i>	6/30/2002
<i>Facility Placed into Operation</i>	6/30/2002
<i>Application Filed</i>	8/12/2002

Purpose: Voluntary
ORS 468.155
(1)(a)(B) The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

OAR 340-016-0060(2)(a) **TRUE:** The facility reduces a substantial quantity of solid waste because it diverts approximately an additional 23 tons of used cardboard from being landfilled annually. Prior to this facility, customers were supplied with containers for cardboard recycling, however, with the increase in demand, more containers were needed.

Method
ORS 468.155
(1)(b)(D) The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

TRUE: Used cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded rubbish.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains used cardboard from rear-load containers placed with commercial customers for convenient recycling. The cardboard is then picked up and delivered to a recycling mill where it is turned into a competitive end product with similar properties.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.
 ORS 468.173(3)(d)
 ORS 468.170(10)
 ORS 468.165(6)

TRUE: The application was filed on **8/12/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost		\$2,711
	Eligible Cost	\$2,711

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$2,711** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility. The EQC certified eleven facilities to the applicant at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Public solid waste transfer
station and recycling center**

Taxpayer ID: **93-0870937**

The applicant's address is:

**PO Box 1000
Newberg, OR 97132**

Technical Information

The applicant operates a solid waste and recycling center. The claimed facility is a recycling dock with a concrete retaining wall and container slab. The purpose of the dock is to provide a place for recycling of yard debris and co-mingled recyclables to be dumped and loaded into drop-boxes for haul.

Without the facility there would be no place to dump and load the yard debris and co-mingled recycling brought in from the curbside recycling pick-up. Prior to the implementation of curbside pick-up, customers would bring in yard debris directly to the transfer site where they would unload it directly into a drop-box.

Yard debris is now picked up curbside and brought to the site in a 26-yard truck. Unloading into a drop-box is not possible. Without the facility, material would have to be dumped onto the ground and scooped into the dropbox with a backhoe. This would cause contamination, loss of material, and much more time in handling. Without this facility, it would not have been feasible to handle the increase in material being brought in from the new curbside program.

Directors	
Recommendation:	Approve
Applicant	Newberg Transfer and Recycling Center, Inc.
Application No.	6267
Facility Cost	\$83,677
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	10 years

Facility Identification

The certificate will identify the facility as:

**Recycling dock with concrete retaining
wall and container slab.**

The applicant is the **Owner/Operator** of the facility located at:

**2904 S Wyooski
Newberg, OR 97132**

The claimed facility allows the truck to drive up to the dock and dump the load over the edge of the retaining wall. On the other side of the wall are 40-yard drop-boxes to catch the yard debris and recyclables. The public also uses the facility by dumping yard debris onto the dock and the backhoe is used to push the material over the edge into the drop-boxes.

Once loaded, drop-boxes are hauled to a recycling recovery center for further sorting. Yard debris will be taken to a collection site for composting. Recyclable material will be used in an end product of real economic value.

The claimed facility is an integral part of the new curbside recycling collection program which will keep approximately 503 tons of co-mingled recycling and 1,555 tons of yard debris from being landfilled.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	9/21/2001
<i>Construction Completed</i>	4/1/2002
<i>Facility Placed into Operation</i>	4/1/2002
<i>Application Filed</i>	8/29/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: This facility makes it feasible to handle the quantity of material brought in from the new curbside recycling program. The truck now drives up to the dock and dumps the load over the edge of the retaining wall. On the other side of the wall are 40-yard drop-boxes to catch the yard debris and recyclables. Without the facility, material would have to be dumped onto the ground and scooped into the dropbox with a backhoe. This would cause contamination, loss of material, and much more time in handling. The new recycling program diverts approximately 503 tons of co-mingled recyclables and 1,555 tons of yard debris from being landfilled.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

ORS 468.155
(1)(b)(D)

TRUE: Co-mingled recyclable material and yard debris meets the definition of solid waste as defined in ORS 459.005 because it is discarded rubbish.

OAR 340-016- The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
0010(7)
OAR 340-016- The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:
0060(4)(e)

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility is used for collecting recyclable material from the curbside recycling collection program. The collected co-mingled recyclable material is delivered to a recovery center where it is further sorted. The recovered material is used in creating a competitive end product with similar properties. Yard debris is delivered to a composting facility.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and construction of the facility commenced on or after January 1, 2001 and construction was completed on or after January 1, 2002; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.

ORS 468.173(3)(d)
ORS 468.170(10)
ORS 468.165(6)

TRUE: Construction of the facility was completed on **4/1/02** and the Department received the application on **8/29/02**.

Facility Cost

Claimed Cost	\$83,352
Erroneous calculation. Exhibit D, Facility costs. Under materials, listed but did not add in Newberg Ready Mix – Concrete blocks.	325
Eligible Cost	\$83,677

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 10 years. The facility does not have a positive cash flow.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility. The EQC issued eleven certificates to the applicant at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Public solid waste transfer
station and recycling center**

Taxpayer ID: **93-0870937**

The applicant's address is:

**PO Box 1000
Newberg, OR 97132**

Technical Information

The applicant claimed a Bobcat and Neverlift leveler used in their recycling processes. The Bobcat loads recycled cardboard into an existing baler and retrieves recyclable materials from solid waste. The Neverlift connects to the loading dock and to the truck to allow the forklift to drive up with the recyclable materials. Prior to the facility cardboard was manually loaded into the baler. Due to the time-consuming nature of the manual process, the applicant was unable to recover recyclable materials from solid waste piles. These materials were being landfilled along with the solid waste. The recyclable materials are now taken to recovery facilities where they are converted into products of real economic value.

Directors	
Recommendation:	Approve
Applicant	Newberg Transfer and Recycling Center, Inc.
Application No.	6268
Facility Cost	\$12,940
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**One 1995 Bobcat Model 331 with hydro
thumb and 12" bucket, Serial number
512911547**

**One DLM NL7220 Neverlift EOD leveler
20M#**

The applicant is the **Owner/Operator** of the
facility located at:

**2904 S Wynoski
Newberg, OR 97132**

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	10/4/2001
<i>Construction Completed</i>	10/4/2001
<i>Facility Placed into Operation</i>	10/4/2001
<i>Application Filed</i>	8/29/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility diverts approximately 23 additional tons annually of used cardboard, as well as recyclable material salvaged from piles of solid waste that were previously being sent to the landfill.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

TRUE: Salvaged recyclable material and cardboard meets the definition of solid waste as defined in ORS 459.005, because it is discarded rubbish.

OAR 340-016-0010(7)
 OAR 340-016-0060(4)(e)

The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state. The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility loads used cardboard in a baler for recycling. It is also used for salvaging recyclable material from garbage piles. The recovered material is turned into competitive end products with similar properties at the recycling mills.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **10/4/2001** and the Department received the application on **8/29/2002**.

Facility Cost

Claimed Cost	\$12,940
Eligible Cost	\$12,940

Copies of invoices and a project summary report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$12,940** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility. The EQC certified the following facilities to the applicant:

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Soft drink warehousing and
distribution**

Taxpayer ID: **93-0556356**

The applicant's address is:

**PO Box F
La Grande, OR 97850**

Directors

Recommendation: **Approve**

Applicant **Pepsi Cola Bottling Company of
Eastern Oregon, Inc.**

Application No. **6288**

Facility Cost **\$38,126**

Percentage Allocable **100%**

Maximum Tax Credit **50%**

Certificate Period **10 years**

Facility Identification

The certificate will identify the facility as:

**Plastic densifier, EX62, Horizontal
baler, Serial number EX2203**

The applicant is the **Owner/Operator** of the
facility located at:

**2402 E H Ave.
La Grande, OR 97850**

Technical Information

This facility compacts and bales recycled plastic soft drink containers and culls. Prior to this facility, the non-baled plastics were manually bagged, loaded and off-loaded by hand. This facility has increased efficiency and allowed for more plastic to be recycled. This facility has increased the recycling of discarded plastic by approximately 20%. Approximately every three months, about 35 bales, or 26,250 lbs of plastic are transported to a recycling mill. This facility has made it possible to pick up private label plastic containers which would otherwise have been landfilled.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	4/25/2000
<i>Construction Completed</i>	8/10/2000
<i>Facility Placed into Operation</i>	8/11/2000
<i>Application Filed</i>	10/7/2001

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces a substantial quantity of solid waste because it diverts more than 8,750 lbs of waste per month from being sent to the landfill. The reduction of solid waste is considered substantial compared to the previous control which was to manually load, deliver and off-load bags of used plastic containers. The recycling process has become more efficient which has resulted in an approximate 20% increase in plastic being recycled rather than going to the landfill.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Used plastic soft drink containers meet the definition of solid waste as defined in ORS 459.005, because it is discarded refuse.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains used plastic soft drink containers and culls. The recovered material is baled and transported to a plastic recycling mill to be used in the manufacturing of a competitive end product with similar properties. The original use of the waste material was soft drink containers and culls from processing.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1)

TRUE: Construction of the facility commenced on **4/25/2000**, construction was completed on **8/10/2000**, and the Department received the application on **10/7/2001**.

Facility Cost

Claimed Cost	\$38,126
Eligible Cost	\$38,126

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$38,126** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Medallion Cabinetry, Inc.
Application No.	6291
Facility Cost	\$120,917
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Wood finishing cabinets**

Taxpayer ID: **41-1507499**

The applicant's address is:

**180 Industrial Blvd.
Waconia, MN 55387**

Facility Identification

The certificate will identify the facility as:

**WSM Model 1662 HT High Torque
Shredder, Serial number 61501 with a
conveying system**

The applicant is the **owner/operator** of the
facility located at:

**625 Hoffman Rd.
Independence, OR 97351**

Technical Information

The applicant is a kitchen cabinet manufacturer. The manufacturing process produces about 700 tons of wood waste per year. The wood waste consists of particleboard, plywood, hardboard and natural hardwoods. The applicant installed a wood chipper/shredder and conveyor system to reclaim the wood waste. The grinder reduces the scrap wood into slivers and chips. This ground material goes on a special conveyor containing a magnet for ferrous metal separation. This conveyor feeds into an airlock that meters the flow of ground material into a high-pressure air stream that in turn conveys the ground material into a truck.

The slow speed grinder features a 16" diameter rotor assembly; a 62" wide feed hopper; a hydraulic ram mechanism; and a 460 volt, 3 phase electrical service. The main components of the conveyance system are:

- A grinder belt conveyor that moves the material away from the grinder to the grinder airlock feeder;
- A grinder airlock feeder maintains the appropriate pressure along the pipe;
- A relay system blower moves the ground material from the grinder airlock feeder through piping to the truck trailers;
- A diverter switching station allows switching the ground wood waste between two truck trailers; and
- Level indicators on the trailers signal the operator when a truck trailer has reached its capacity.

The installation was part of a new plant and the applicant claimed land (\$3,482.60) and excavation (\$1,519.68) based on square footage cost allocated to the footprint (3,166 square feet) of the grinder operations area.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/18/2000
<i>Construction Completed</i>	10/8/2001
<i>Facility Placed into Operation</i>	10/5/2001
<i>Application Filed</i>	10/7/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces about 700 tons of wood waste per year that would have otherwise been sent to a landfill or to an incinerator.

Method ORS 468.155 (1)(b)(D) The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Scrap wood and metals meets the definition of solid waste.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains wood waste as a by-product of the manufacture of kitchen cabinets. The facility then grinds the wood waste into slivers and chips which are trucked to Sierra Pine Composite Solutions where it is incorporated into particle board. The reclaimed metal is hauled to the metal recycling center.

Maximum Credit ORS 468.173(1) OAR 340-016-0007 The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.

TRUE: Construction of the facility was completed on **10/8/2001**, and the Department received the application on **10/7/2002**.

Facility Cost

Claimed Cost		\$120,917
	Eligible Cost	\$120,917

Copies of quotes, invoices, and cancelled checks substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces slivered and chipped wood for particle board that sales for \$10 per ton. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 7 years. The facility does not have a positive cash flow.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site: ACDP, 27-0005, 10/30/2001, Hazardous Waste, ORQ000019729, 2/4/2002 and Storm Water Discharge, 1200-C, 12/22/2000. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Leasing corporation**

Taxpayer ID: **93-1007653**

The applicant's address is:

**c/o Dooling Lease Mgmt. Corp.
6400 SW Corbett Ave.
Portland, OR 97239-3558**

Technical Information

The applicant claimed 750 65-gallon carts and 100 35-gallon carts for collecting yard debris. This facility is used in the residential yard debris recycling program. Prior to this facility, yard waste was picked up in kraft bags, garbage cans or piles prepared by the customer. Debris that was not prepared according to standards and guidelines was left behind. Most of debris left behind was discarded with solid waste destined for landfill. Participation in the recycling program has increased due to the convenience of the new carts.

Directors	
Recommendation:	Approve
Applicant	PremierWest Bank Leasing
Application No.	6296
Facility Cost	\$30,288
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	7 years

Facility Identification

The certificate will identify the facility as:

**750 65-gallon carts with lids, Serial
numbers 11500-12249
100 35-gallon carts with lids without
serial numbers**

The applicant is the **Owner/Lessor** of the facility located at:

**Oregon City Garbage Co.
820 7th St.
Oregon City, OR 97045**

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	6/5/2002
<i>Construction Completed</i>	8/19/2002
<i>Facility Placed into Operation</i>	8/19/2002
<i>Application Filed</i>	10/9/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)

OAR 340-016-0060(2)(a) **TRUE:** The facility reduces a substantial quantity of solid waste, because it diverts over 14 tons of yard debris from possibly being sent to landfill weekly. The increase in participation in the yard debris recycling program is considered substantial because of the convenience of using the carts compared to the previous control of picking up yard debris prepared by the customer according to standards and guidelines.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386. The **definition** of solid waste in ORS 459.005(b) **excludes** "Materials used for fertilizer or for other productive purposes or which are salvageable as such material are used on land in agricultural operations and the growing or harvesting of crops and the raising of animals."
ORS 468.155
(1)(b)(D)

TRUE: Yard debris meets the definition of solid waste as defined in ORS 459.005, because it is discarded refuse.

- OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
- OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains yard debris from residential customers participating in the yard debris recycling program. The recovered material is composted and used as garden mulch. Garden mulch is a competitive end product with real economic value.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and construction of the facility commenced on or after January 1, 2001 and construction was completed on or after January 1, 2002; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.

ORS 468.173(3)(d)

ORS 468.170(10)

ORS 468.165(6)

TRUE: Construction of the facility commenced on **6/5/2002**, construction was completed on **8/19/2002**, and the Department received the application on **10/9/2002**.

Facility Cost

Claimed Cost	\$30,288
Eligible Cost	\$30,288

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$30,288** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site: Storm waste water permit 1200Z, file number 109807, issued 10/9/2002-6/30/2007. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Haggens' retail customers. One of the machines recycles aluminum, one recycles glass, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programed to accept non-deposit containers which may have been omitted from the recycling flow prior

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6303
Facility Cost	\$24,750
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFC 1500 reverse
vending machine, Serial number
30467**

**One Envipco Model CFP 1500 reverse
vending machine, Serial number
50368**

**One Envipco Model CFG 1500 reverse
vending machine, serial number
40595**

The applicant is the **Owner/Operator** of the
facility located at:

**Haggens Food #61
8515 Tualatin-Sherwood Rd.
Tualatin, OR 97062**

to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	5/8/2002
<i>Construction Completed</i>	5/8/2002
<i>Facility Placed into Operation</i>	5/21/2002
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Aluminum, glass and plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum, plastic and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.
 ORS 468.173(3)(d)
 ORS 468.170(10)
 ORS 468.165(6)

TRUE: The application was filed on **10/15/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost		\$24,750
	Eligible Cost	\$24,750

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$24,750** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6304
Facility Cost	\$24,750
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFC 1500 reverse
vending machine, Serial number
30076**

**One Envipco Model CFP 1500 reverse
vending machine, Serial number
50531**

**One Envipco Model CFG 1500 reverse
vending machine, Serial number
40319**

The applicant is the **Owner/Operator** of the
facility located at:

**Haggen Food #79
19701 Hwy. 213
Oregon City, OR 97045**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Haggen's retail customers. One of the machines recycles aluminum, one recycles glass, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the

recyclable material to recycling mills, where it is converted into products of real economic value

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	5/8/2002
<i>Construction Completed</i>	5/8/2002
<i>Facility Placed into Operation</i>	5/22/2002
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Aluminum, glass and plastic containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum, plastic and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.
 ORS 468.173(3)(d)
 ORS 468.170(10)
 ORS 468.165(6)

TRUE: The application was filed on **10/15/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost	\$24,750
Eligible Cost	\$24,750

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$24,750** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Ray's retail customers. One of the machines recycles aluminum, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6306
Facility Cost	\$19,782
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFP 1500 reverse
vending machine, Serial number
51302**

**One Envipco Model CFM 1500 reverse
vending machine, Serial number
31645**

The applicant is the **Owner/Operator** of the facility located at:

**Ray's #17
909 Main Street
Myrtle Creek, OR 97457**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	10/17/2001
<i>Facility Placed into Operation</i>	10/17/2001
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 77 pounds of aluminum and 50 pounds of plastic material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum and glass containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **10/17/2001** and the Department received the application on **10/15/2002**.

Facility Cost

Claimed Cost		\$19,782
	Eligible Cost	\$19,782

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$19,782** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6307
Facility Cost	\$24,750
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFC 1500 reverse
vending machine, Serial number
31419**

**One Envipco Model CFP 1500 reverse
vending machine, Serial number
50319**

**One Envipco Model CFG 1500 reverse
vending machine, Serial number
40058**

The applicant is the **Owner/Operator** of the
facility located at:

**Ray's #57
4601 Carnes Rd.
Roseburg, OR 97470**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Ray's retail customers. One of the machines recycles aluminum, one recycles glass, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	5/8/2002
<i>Construction Completed</i>	5/8/2002
<i>Facility Placed into Operation</i>	6/26/2002
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 77 pounds of aluminum, 407 pounds of glass and 50 pounds of plastic material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386
ORS 468.155
(1)(b)(D)

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

- OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
- OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum, plastic and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.

ORS 468.173(3)(d)

ORS 468.170(10)

ORS 468.165(6)

TRUE: The application was filed on **10/15/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost		\$24,750
	Eligible Cost	\$24,750

Copies of invoices report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$24,750** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6308
Facility Cost	\$24,750
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFC 1500 reverse
vending machine, Serial number
31099**

**One Envipco Model CFP 1500 reverse
vending machine, Serial number
50328**

**One Envipco Model CFG 1500 reverse
vending machine, Serial number
40042**

The applicant is the **Owner/Operator** of the
facility located at:

**Ray's #58
151 Douglas Blvd.
Winston, OR 97496**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Ray's retail customers. One of the machines recycles aluminum, one recycles glass, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior

to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	5/8/2002
<i>Construction Completed</i>	5/8/2002
<i>Facility Placed into Operation</i>	6/26/2002
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)

OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 77 pounds of aluminum, 407 pounds of glass and 50 pounds of plastic material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum, plastic and glass. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.
 ORS 468.173(3)(d)
 ORS 468.170(10)
 ORS 468.165(6)

TRUE: The application was filed on **10/15/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost	\$24,750
Eligible Cost	\$24,750

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$24,750** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6310
Facility Cost	\$9,996
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190
OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**
Business: **Collection and processing of
beverage containers**
Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFP 1500 reverse
vending machine, serial number
51306**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1960
80 NE Cedar
Madras, OR 97741**

Technical Information

The applicant claimed one reverse-vending machine used to redeem recyclable beverage containers directly from Safeway's retail customers. This machine recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machine allows customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machine can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to using the new machine. The applicant removes the recycled containers from the machine and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	6/26/2001
<i>Construction Completed</i>	6/26/2001
<i>Facility Placed into Operation</i>	10/2/2001
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **6/26/2001** and the Department received the application on **10/15/2002**.

Facility Cost

Claimed Cost

\$9,996

Eligible Cost

\$9,996

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$9,996** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6311
Facility Cost	\$49,500
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**Three Envipco Model CFC 1500
reverse vending machines, Serial
numbers 30519, 30672, and 30313
One Envipco Model CFP 1500 reverse
vending machine, Serial number
50785
Two Envipco Model CFG 1500 reverse
vending machines, Serial numbers
40466 and 40186**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1976
1550 N Pacific Hwy.
Woodburn, OR 97013**

Technical Information

The applicant claimed five reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. Three of the machines recycles aluminum, one recycles glass, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programed to accept non-deposit containers which may have been omitted from the recycling flow prior

to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing ORS 468.165 (6) The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	5/8/2002
<i>Construction Completed</i>	5/8/2002
<i>Facility Placed into Operation</i>	8/14/2002
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary ORS 468.155 (1)(a)(B) OAR 340-016-0060(2)(a) The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method ORS 468.155 (1)(b)(D) The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.
 ORS 468.173(3)(d)
 ORS 468.170(10)
 ORS 468.165(6)

TRUE: The application was filed on **10/15/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost

\$49,500

Eligible Cost

\$49,500

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$49,500** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6312
Facility Cost	\$49,500
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**Three Envipco Model CFC 1500
reverse vending machines, Serial
numbers 30464, 30194, and 30780
One Envipco Model CFP 1500 reverse
vending machine, Serial number
50366
Two Envipco Model CFG 1500 reverse
vending machines, serial numbers
40321 and 40278**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway # 2604
1055 SW 1st Ave.
Canby, OR 97013**

Technical Information

The applicant claimed six reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. Three of the machines recycle aluminum, two recycle glass, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior

to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	5/8/2002
<i>Construction Completed</i>	5/8/2002
<i>Facility Placed into Operation</i>	8/14/2002
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.
 ORS 468.173(3)(d)
 ORS 468.170(10)
 ORS 468.165(6)

TRUE: The application was filed on **10/15/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost	\$49,500
Eligible Cost	\$49,500

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$49,500** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6313
Facility Cost	\$49,500
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**Two Envipco Model CFC 1500 reverse
vending machines, Serial numbers
31433 and 31457**

**One Envipco Model CFP 1500 reverse
vending machine, Serial number
50367**

**Three Envipco Model CFG 1500
reverse vending machines, Serial
numbers 40878, 40873, and 40240**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #4288
145 E 18th St.
Eugene, OR 97401**

Technical Information

The applicant claimed six reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. Two of the machines recycle aluminum, three recycle glass, and one recycles plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programed to accept non-deposit containers which may have been omitted from the recycling flow prior

to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	5/8/2002
<i>Construction Completed</i>	5/8/2002
<i>Facility Placed into Operation</i>	7/31/2002
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

- OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
- OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the facility is used for material recovery or recycling, as those terms are defined in ORS 459.005.

ORS 468.173(3)(d)

ORS 468.170(10)

ORS 468.165(6)

TRUE: The application was filed on **10/15/2002** and the facility is used for material recovery or recycling.

Facility Cost

Claimed Cost	\$49,500
Eligible Cost	\$49,500

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$49,500** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: C Corp

Business: **Collection and processing of
recyclable beverage containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave.
Portland, OR 97210**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. Two machines are used to recycle glass and one to recycle plastic. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Directors	
Recommendation:	Approve
Applicant:	Container Recovery, Inc.
Application No.	6314
Facility Cost	\$24,000
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**One Envipco Model CFP 1500 reverse
vending machine, Serial number
50789**

**Two Envipco Model CFG 1500 reverse
vending machines, Serial numbers
40274 and 40501**

The applicant is the **Owner/Operator** of the facility located at:

**Safeway #4381
1205 Campbell St.
Baker City, OR 97814**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/20/2001
<i>Construction Completed</i>	12/20/2001
<i>Facility Placed into Operation</i>	3/26/2002
<i>Application Filed</i>	10/15/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005 because it is discarded non-putrescible material.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.
 OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **12/20/2001** and the Department received the application on **10/15/2002**.

Facility Cost

Claimed Cost

\$24,000

Eligible Cost

\$24,000

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$24,000** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to this site. The EQC issued certificates for nine other facilities belonging to Container Recovery, Inc.; none at this location.

Reviewers: Maggie Vandehey, DEQ

Attachment C

Transfers

The Department recommends that the Environmental Quality Commission (EQC) transfer certificates numbered 4240 and 4350. The EQC's approval to transfer these certificates includes revocation of the original certificates. It also includes re-certification of the facilities to the new owners. The new owners are obligated to operate the facilities according to conditions of the EQC's original certification. The certificate transfer will allow the taxpayer to use the credit beginning on the date of the sale.

Certificate 4240

Dustin K. Nolan and Beverly G. Nolan requests that the EQC transfer the Pollution Control Facilities Tax Credit Certificate issued to Don Worthington to Wimer Market and Video and their names. The Nolans provided the deed and a copy of the sale agreement as evidence that they are legal owners of the asset certified on Certificate Number 4240. The documentation is provided in this attachment.

Certificate 4350

James Ivy, the original owner of Ivy's Tumalo Store and the holder of Certificate Number 4350, requests that the certificate be transferred to the new owners. The new owners will operate the store under the name of J.B.'s Tumalo Store. The transfer request and a copy of the original certificate are attached.

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY
POLLUTION CONTROL FACILITY CERTIFICATE

Certificate No: **4240**
Date of Issue: 11/18/99
Application No: 5277

ISSUED TO: **Don Worthington**
8816 E Evans Cr. Rd.
Rogue River, OR 97537

LOCATION OF POLLUTION CONTROL FACILITY:

8816 E Evans Creek Rd
Rogue River, 97537

ATTENTION: Don Worthington, Owner

Operating as the owner of the facility. A Sole Proprietor.

DESCRIPTION OF POLLUTION CONTROL FACILITY:

TYPE OF POLLUTION CONTROL FACILITY: USTs

DATE FACILITY COMPLETED: 10/1/98 PLACED INTO OPERATION: 9/28/98

ACTUAL COST OF POLLUTION CONTROL FACILITY: **\$49,820.00**

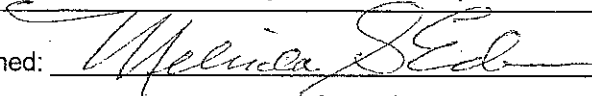
PERCENT OF ACTUAL COST PROPERLY ALLOCABLE TO POLLUTION CONTROL: **100%**

Based upon the information contained in the application referenced above, the Environmental Quality Commission certifies that the facility described herein was erected, constructed or installed in accordance with the requirements of subsection (1) of ORS 468.165, and is designed for, and is being operated or will operate to a substantial extent for the purpose of preventing, controlling or reducing air, water or noise pollution or solid waste, hazardous wastes or used oil, and that it is necessary to satisfy the intents and purposes of ORS Chapters 454, 459, 467 and 468 and rules adopted thereunder.

Therefore, this Pollution Control Facility Certificate is issued this date subject to compliance with the statutes of the State of Oregon, the regulations of the Department of Environmental Quality and the following special conditions:

1. The facility shall be continuously operated at maximum efficiency for the designed purpose of preventing, controlling, and reducing the type of pollution as indicated above.
2. The Department of Environmental Quality shall be immediately notified of any proposed change in use or method of operation of the facility and if, for any reason, the facility ceases to operate for its intended pollution control purpose.
3. Any reports or monitoring data requested by the Department of Environmental Quality shall be promptly provided.

NOTE: Any portion of the facility described herein is not eligible to receive tax credit certification as an energy conservation facility or a reclaimed plastic facility [ORS 315.324(12) and ORS 315.356(4) and (5)].

Signed:  (Melinda S. Eden, Chair)

Approved by the Environmental Quality Commission on 11/18/99.

8-16-02

Maggie Vandenberg,

Thank you for the information you provided on the phone regarding the transfer of the pollution control tax credit. I have written down that certificate # 4240 is issued to Don Worthington, Jr. and we would like it transferred to us as of 5-1-02 as the new owners. We can be contacted at the store at 541-582-3371 or home 541-582-3361. Our E-mail is dusty-nolan@hotmail.com

Thanks again

Dusty & Beely Nolan

02 24309

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11



First American Title Insurance Company of Oregon

CRATER TITLE DIVISION

Rogue River Branch
201 West Main • P.O. Box 478
Rogue River, Oregon 97537
(541) 582-4707 • FAX (541) 582-4715

35-4W-11
1901

Order # 20012282RR

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS, That Donald W. Worthington Jr and Sheryl Worthington, Grantor, conveys and warrants to Dustin K. Nolan and Beverly G. Nolan, Husband and Wife as Tenants by the Entirety, Grantee, the following described real property, together with appurtenances, free of encumbrances except as specifically set forth herein, situated in Jackson County, Oregon, described as follows, to-wit:

See Exhibit A attached hereto and made a part hereof.

SUBJECT TO:

Rights of the public within the limits of public roadways, and/or rights of private parties within existing roadways or driveways.

Easements of record.

A lease for a community drinking fountain wherein " Scholl District #35 Beautification" is the lessee, notice of which is recorded as Document No. 74-02463, Official Records of Jackson County, Oregon.

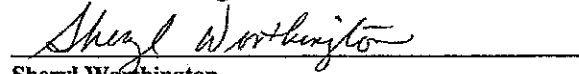
The true consideration paid for this conveyance is Three Hundred Thousand And 00/100 DOLLARS \$300,000.00.

However, the whole consideration includes other value given or promised (check if other consideration statement applies).

This instrument will not allow use of the property described in this instrument in violation of applicable land use laws and regulations. Before signing or accepting this instrument, the person acquiring fee title to the property should check with the appropriate City or County Planning Department to verify approved uses and to determine any limits on lawsuits against farming or forest practices as defined in ORS 30.930.

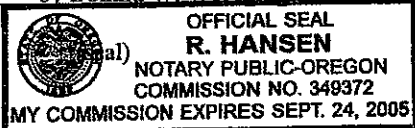
Dated this 30 day of APRIL, 2002

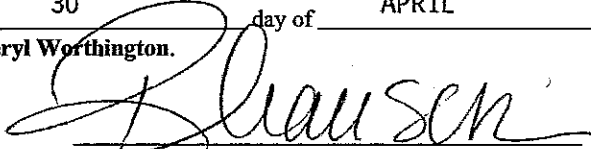

Donald W. Worthington Jr


Sheryl Worthington

STATE OF OREGON)
) ss.
County of Jackson)

This instrument was acknowledged before me on the 30 day of APRIL, 2002 by Donald W. Worthington Jr and Sheryl Worthington.




Notary Public for Oregon 09/24/2005
My commission expires: _____

02 24309

DESCRIPTION SHEET

The land referred to in this report/policy is situated in the State of Oregon, County of Jackson, and is described as follows:

Commencing at the Northwest corner of the Southwest Quarter of the Southwest Quarter of Section 11, Township 35 South, Range 4 West, Willamette Meridian in Jackson County, Oregon; thence South 89° 29' 43" East, along the North line thereof, 413.56 feet, to a 5/8 inch iron pin on the Easterly right of way line of Evans Creek Road, for the true point of beginning; thence continue South 89° 29' 43" East, along said North line, 231.50 feet, to a 5/8 inch iron pin; thence South 62° 28' 36" West, 158.82 feet, to a 5/8 inch iron pin; thence South 33° 32' 20" West, 47.03 feet, to a 5/8 inch iron pin; thence continue South 33° 32' 20" West, 97.0 feet, more or less, to the Northerly line of Evans Creek; thence Westerly, along said line, 120.0 feet, more or less, to the Easterly right of way line of said Evans Creek Road; thence Northeasterly, along said line, to the true point of beginning.

Jackson County, Oregon
Recorded
OFFICIAL RECORDS

MAY 01 2002

2:00 PM

Stephanie J. [Signature]
COUNTY CLERK

2

1 COMMERCIAL ASSOCIATION OF REALTORS® OREGON/SOUTHWEST WASHINGTON

2 PURCHASE AND SALE AGREEMENT AND RECEIPT FOR EARNEST MONEY

3 (Oregon-Commercial Form)

4 Dated: APRIL 19, 2002

5 BETWEEN: DONALD W. WORTHINGTON JR ("Seller")

6 AND: DUSTY & BEVERLY NOLAN ("Buyer")

7 Buyer agrees to buy and Seller agrees to sell, on the following terms, the real property and all
8 improvements thereon (the "Property") commonly known as WINTER MARKET AVE
9 VOIDED and located at
10 8816 EAST FURTS CREEK ROAD in the City of
11 ROGUE RIVER, OR. 97537, County of JACKSON, Oregon legally described as
12 follows: 35-42-511-76 1901

13
14
15 If no legal description is inserted or attached, Buyer and
16 Seller will attach a legal description upon receipt and reasonable approval by both parties of the Preliminary
17 Commitment or, if applicable, the Survey.

18
19 1. Purchase Price. The total purchase price is THREE HUNDRED THOUSAND DOLLARS
20 _____ dollars (\$ 300,000) payable as follows:
21 _____
22 _____

23 2. Earnest Money Receipt. Upon execution of this Agreement, Buyer shall pay
24 \$ 0 as earnest money (the "Earnest Money") in the form of cash or
25 check or promissory note. If the Earnest Money is in the form of a promissory note, it is due and payable:
26 upon execution of this Agreement by Buyer and Seller or no later than 5 PM Pacific Time one day after
27 satisfaction or waiver by Buyer of the conditions to Buyer's obligation to purchase the Property set forth in this
28 Agreement or other: _____ . If
29 the Earnest Money promissory note is not redeemed and paid in full when due, then (i) the Earnest Money promissory
30 note shall be delivered and endorsed to Seller (if not already in Seller's possession), (ii) Seller may collect the Earnest
31 Money from Buyer, either pursuant to an action on the promissory note or an action on this Agreement, and (iii) this
32 Agreement shall be of no further force or effect. The Earnest Money shall be deposited
33 with _____ (the "Title Company") at the following branch:
34 _____ or other:
35 _____ . The Earnest
36 Money shall be applied to the payment of the purchase price for the Property at closing. Any interest earned on the
37 Earnest Money shall be considered to be part of the Earnest Money. The Earnest Money shall be returned to Buyer
38 in the event any condition to Buyer's obligation to purchase the Property shall fail to be satisfied or waived through
39 no fault of Buyer.

40 3. Conditions to Purchase. Buyer's obligation to purchase the Property is conditioned on the following:
41 none and/or SEE BORROWERS DOCUMENT CHECK LIST DATED
42 DECEMBER 18, 2001 PAGES 1 & 2
43 _____
44 _____ and/or Buyer's approval of the results of its property inspection described in Section 4 below. If Buyer

ACKNOWLEDGED

Buyer:
Buyer:
Seller:
Seller:

[Handwritten signatures]

Dated:
Dated:
Dated:
Dated:

4-30-02

Designated
Broker(s)
Initials

14. Notices. Unless otherwise specified, any notice required or permitted in, or related to, this Agreement must be in writing and signed by the party to be bound. Any notice or payment will be deemed given when personally delivered or delivered by facsimile transmission (with electronic confirmation of delivery), or will be deemed given on the day following delivery of the notice by reputable overnight courier or through mailing in the U.S. mails, postage prepaid, by the applicable party to the address of the other party shown in this Agreement, unless that day is a Saturday, Sunday, or legal holiday, in which event it will be deemed delivered on the next following business day. If the deadline under this Agreement for delivery of a notice or payment is a Saturday, Sunday, or legal holiday, such last day will be deemed extended to the next following business day.

15. Assignment. Buyer may assign may not assign may assign, if the assignee is an entity owned and controlled by Buyer (may not assign, if no box is checked) this Agreement or Buyer's rights under this Agreement without Seller's prior written consent. If Seller's consent is required for assignment, such consent may be withheld in Seller's sole discretion.

16. Attorneys' Fees. In the event a suit, action, arbitration, or other proceeding of any nature whatsoever, including without limitation any proceeding under the U.S. Bankruptcy Code, is instituted, or the services of an attorney are retained, to interpret or enforce any provision of this Agreement or with respect to any dispute relating to this Agreement, the prevailing party shall be entitled to recover from the losing party its attorneys', paralegals', accountants', and other experts' fees and all other fees, costs, and expenses actually incurred and reasonably necessary in connection therewith. In the event of suit, action, arbitration, or other proceeding, the amount thereof shall be determined by the judge or arbitrator, shall include fees and expenses incurred on any appeal or review, and shall be in addition to all other amounts provided by law.

17. Statutory Land Use Disclaimer. THE PROPERTY DESCRIBED IN THIS INSTRUMENT MAY NOT BE WITHIN A FIRE PROTECTION DISTRICT PROTECTING STRUCTURES. THE PROPERTY IS SUBJECT TO LAND USE LAWS AND REGULATIONS, WHICH, IN FARM AND FOREST ZONES, MAY NOT AUTHORIZE CONSTRUCTION OR SITING OF A RESIDENCE AND WHICH LIMIT LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930 IN ALL ZONES. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND THE EXISTENCE OF FIRE PROTECTION FOR STRUCTURES.

18. Miscellaneous. Time is of the essence of this Agreement. The facsimile transmission of any signed document including this Agreement shall be the same as delivery of an original. At the request of either party, the party delivering a document by facsimile will confirm facsimile transmission by signing and delivering a duplicate original document. This Agreement may be executed in two or more counterparts, each of which shall constitute an original and all of which together shall constitute one and the same Agreement. This Agreement contains the entire agreement and understanding of the parties with respect to the subject matter of this Agreement and supersedes all prior and contemporaneous agreements between them with respect thereto. Without limiting the provisions of Section 15 of this Agreement, this Agreement shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns. The person signing this Agreement on behalf of Buyer and the person signing this Agreement on behalf of Seller each represents, covenants and warrants that such person has full right and authority to enter into this Agreement and to bind the party for whom such person signs this Agreement to the terms and provisions of this Agreement. This Agreement shall not be recorded unless the parties otherwise agree.

1 19. Addendums; Exhibits. The following named addendums and exhibits are attached to this
2 Agreement and incorporated within this Agreement: none or
3 SEE ADDENDUM A B C D

4 20. Time for Acceptance. Seller has until 5:00 p.m. Pacific Time on
5 ONE DAY to accept this offer. Acceptance is not effective until a copy
6 of this Agreement which has been signed and dated by Seller is actually received by Buyer. If this offer is not so
7 accepted, it shall expire and the Earnest Money shall be promptly refunded to Buyer.

8 21. Seller's Acceptance and Brokerage Agreement. Seller agrees to sell the Property on the terms
9 and conditions in this Agreement and further agrees to pay a commission in the total amount computed in accordance
10 with the listing agreement or other commission agreement. If there is no written listing agreement or other
11 commission agreement, Seller hereby agrees to pay a commission of _____ percent (____%) of the
12 purchase price or \$ _____. The commission is earned as of the date this Agreement is signed
13 by Seller and Buyer. Unless otherwise provided in a separate written agreement, the real estate commission is due
14 on the Closing Date or upon Seller's breach of this Agreement, whichever occurs first. If the Earnest Money is
15 forfeited and retained by Seller in accordance with this Agreement, in addition to any other rights the listing agent
16 may have, the listing agent shall be entitled to fifty percent (50%) of the Earnest Money, not to exceed any agreed
17 commission, and Seller hereby assigns to the listing agent such amount.

18 22. Execution Date. The Execution Date is the later of the two dates shown beneath the parties'
19 signatures below.

20 23. Governing Law. This Agreement is made and executed under, and in all respects shall be governed
21 and construed by the laws of the State of Oregon.

22 CONSULT YOUR ATTORNEY. THIS DOCUMENT HAS BEEN PREPARED FOR SUBMISSION TO YOUR
23 ATTORNEY FOR REVIEW AND APPROVAL PRIOR TO SIGNING. NO REPRESENTATION IS MADE BY
24 THE REAL ESTATE LICENSEES NAMED IN THIS AGREEMENT AS TO THE LEGAL SUFFICIENCY OR
25 TAX CONSEQUENCES OF THIS AGREEMENT.

26 THIS FORM SHOULD NOT BE MODIFIED WITHOUT SHOWING SUCH MODIFICATIONS BY
27 REDLINING, INSERTION MARKS, OR ADDENDA.

28 ~~SELLER~~ Don WORTHINGTON JR

28 ~~BUYER~~ Justin K Nolan

29 Sheryl Worthington

Devy B. Nolan

30 By _____

By _____

31 Title OWNER

Title _____

32 Execution Date _____

Execution Date _____

33 Time of Execution _____

Time of Execution _____

34 Home Phone 541-582-1321

Home Phone _____

35 Office Phone 541-582-3371

Office Phone _____

36 Address 8816 E EVANS CR
37 LOUIE RIVER, OR 97537

Address _____

39 Fax No. _____

Fax No. _____

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY
POLLUTION CONTROL FACILITY CERTIFICATE

Certificate No: **4350**
Date of Issue: 7/14/00
Application No: 5401

ISSUED TO:

Ivy's Tumalo Store
64683 Cook Ave
Bend, OR 97701

LOCATION OF POLLUTION CONTROL FACILITY:

64683 Cook Ave
Bend, OR 97701

ATTENTION:

Operating as the owner of the facility. A joint venture.

DESCRIPTION OF POLLUTION CONTROL FACILITY: **Three doublewall fiberglass/steel underground storage tanks, doublewall flexible plastic piping, spill containment basins, automatic tank gauge system, turbine leak detectors, overflow alarm, sumps and automatic shutoff valves**

TYPE OF POLLUTION CONTROL FACILITY: USTs

DATE FACILITY COMPLETED: 4/1/99 PLACED INTO OPERATION: 4/1/99

ACTUAL COST OF POLLUTION CONTROL FACILITY: **\$98,403.00**

PERCENT OF ACTUAL COST PROPERLY ALLOCABLE TO POLLUTION CONTROL: **87%**

Based upon the information contained in the application referenced above, the Environmental Quality Commission certifies that the facility described herein was erected, constructed or installed in accordance with the requirements of subsection) of ORS 468.165, and is designed for, and is being operated or will operate to a substantial extent for the purpose of preventing, controlling or reducing air, water or noise pollution or solid waste, hazardous wastes or used oil, and that it is necessary to satisfy the intents and purposes of ORS Chapters 454, 459, 467 and 468 and rules adopted thereunder.

Therefore, this Pollution Control Facility Certificate is issued this date subject to compliance with the statutes of the State of Oregon, the regulations of the Department of Environmental Quality and the following special conditions:

1. The facility shall be continuously operated at maximum efficiency for the designed purpose of preventing, controlling, and reducing the type of pollution as indicated above.
2. The Department of Environmental Quality shall be immediately notified of any proposed change in use or method of operation of the facility and if, for any reason, the facility ceases to operate for its intended pollution control purpose.
3. Any reports or monitoring data requested by the Department of Environmental Quality shall be promptly provided.

NOTE: Any portion of the facility described herein is not eligible to receive tax credit certification as an energy conservation facility or a reclaimed plastic facility [ORS 315.324(12) and ORS 315.356(4) and (5)].

Signed:  (Helen Lottridge, MSD Administrator)

Approved by the Environmental Quality Commission on 7/14/00.

March 13th 2002

D.E.Q. Tax Credit Dept.
Attn. Maggie Vandehey
811 SW 6th Ave.
Portland OR 97204-1390

Dear Maggie,

This letter is to inform you that I sold Ivy's Tumalo Store to Jeff and Judy Bernard on February 1st 2002. I am requesting for your department to transfer the remaining D.E.Q. tax credit over to them effective on that date.

Their new business name is:

J.B.'s Tumalo Store
64683 Cook Ave.
Bend OR. 97701
Tax ID # 75-2970985

Mailing address:
6250 NW Atkinson
Redmond OR 97756

Thank You,



James Ivy
Former Owner,
Ivy's Tumalo Store
Bend OR 97701

Date: December 6, 2002
To: Environmental Quality Commission
From: Stephanie Hallock, Director *S. Hallock*
Subject: ADDENDUM to Agenda Item E, Action Item: Tax Credit Application Consideration
December 13, 2002 EQC Meeting

This Addendum to Agenda Item E includes additional Review Reports for the Environmental Quality Commission's (EQC) consideration when certifying Pollution Control Facilities for tax credit purposes. Consideration of these applications allows the applicants to use any approved tax credit for the 2002 tax year. The Department had hoped to include all reviews in this Addendum that need to be processed prior to year's end. The Department, however, is still processing several applications that may exceed the 120-day period that the EQC has to act on an application before the applicant's tax-year end. Therefore, the Department may ask the EQC to consider an EQC telephone meeting to certify these applications.

Attachment A to this Addendum provides a comprehensive list of all Pollution Control Facilities Tax Credit applications presented for approval in Agenda Item E.

The Department recommends that the Commission approve **48** additional facilities presented in **Attachment B** to this Addendum. The Review Reports are organized under the following tabs.

- Air
- Material Recovery
- Nonpoint Source
- Underground Storage Tank System
- Water

The Material Recovery approvals in this Addendum are in addition to the Material Recovery reviews previously presented in Agenda Item E.

The Department recommends that the Commission consider reissuing Certificate 4842 as presented in **Attachment C**. This certificate transfer is in addition to the transfers already presented in Agenda Item E.

Approved:

Section:

Division:

Maggie Vandehey
[Signature]

Report Prepared By: Maggie Vandehey
Phone: 503-229-6878

Attachment A

Summary and Recommendations

Approvals

App #	Applicant	Claimed	Certified	Difference	% Allocable	Maximum Tax Credit	GF Liability	Media Sub	Notes
5346	Golden Valley Farms, LLC	119,444	119,444	0	100%	50%	59,722	FB	
5379	Golden Valley Farms, LLC	128,849	128,849	1	100%	50%	64,425	FB	
5587	Darigold, Inc.	421,033	46,591	(374,442)	100%	50%	23,296	Water	
5645	50% Fessler Family LLC, 25%	250,000	250,000	0	100%	50%	125,000	FB	
5702	Ed & Maggie Vandehey	2,820	2,820	0	100%	50%	1,410	NPS	
5726	Pepsi-Cola Bottling Company of	39,402	39,402	0	100%	50%	19,701	SW	
5779	Dean McKay Farms, Inc.	65,270	34,750	(30,520)	100%	50%	17,375	FB	
5798	Sunriver Resort Limited	504,071	504,071	0	100%	50%	252,036	Water	
5831	Baker Sanitary Service, Inc.	35,000	35,000	0	100%	50%	17,500	SW	
5835	Forrest Paint Company	138,817	104,375	(34,442)	100%	50%	52,188	Air	
5843	Columbia River Processing, Inc.	1,529,795	1,529,795	0	100%	50%	764,898	Water	
5851	Waste Connections Inc.	177,279	177,279	0	100%	50%	88,640	SW	
5889	Willamette Industries, Inc.	315,563	299,097	(16,466)	100%	50%	149,549	Air	
5893	Clackamas Compost Products,	23,650	23,650	0	100%	50%	11,825	SW	
5894	McKee Farms	133,473	133,473	0	100%	50%	66,737	FB	
5898	Edelweiss Farms, LLC	46,168	46,168	0	100%	50%	23,084	SW	
5923	Hewlett-Packard Company	500,737	500,737	0	100%	50%	250,369	HW	
6036	PED Manufacturing, LTD.	17,991	15,755	(2,236)	100%	50%	7,878	Air	
6052	ASW Disposal, Inc.	2,624	2,624	0	100%	50%	1,312	SW	
6053	ASW Disposal, Inc.	11,873	11,873	0	100%	50%	5,937	SW	
6088	Western Bank	155,075	155,075	0	100%	50%	77,538	SW	
6089	Western Bank	190,786	190,786	0	100%	50%	95,393	SW	
6090	Grimm's Fuel Company, Inc.	217,000	217,000	0	100%	50%	108,500	SW	
6091	Pacific Sanitation Inc.	22,247	22,247	0	100%	50%	11,124	SW	
6094	Willamette Graystone, Inc.	5,525	5,525	0	100%	50%	2,763	Air	
6097	Western Pulp Products Co.	19,824	19,824	0	100%	50%	9,912	SW	
6108	Premier West Bank	456,592	456,592	0	100%	50%	228,296	SW	
6109	Premier West Bank	175,000	175,000	0	100%	50%	87,500	SW	
6116	Traughber Oil Company	48,135	46,887	(1,248)	100%	50%	23,444	UST	
6122	Pacific Sanitation, Inc.	21,481	14,196	(7,285)	100%	35%	4,969	SW	
6135	Intel Corporation	490,118	490,118	0	100%	50%	245,059	Air	

Attachment A

Summary and Recommendations

Approvals

App #	Applicant	Claimed	Certified	Difference	% Allocable	Maximum Tax Credit	GF Liability	Media Sub	Notes
6147	Timothy L. Pfeiffer	105,029	22,027	(83,002)	93%	50%	10,243	FB	
6150	Container Recovery, Inc.	39,564	39,564	0	100%	50%	19,782	SW	
6152	Container Recovery, Inc.	39,564	39,564	0	100%	50%	19,782	SW	
6154	Container Recovery, Inc.	9,996	9,996	0	100%	50%	4,998	SW	
6155	Container Recovery, Inc.	9,996	9,996	0	100%	50%	4,998	SW	
6158	Container Recovery, Inc.	39,354	39,354	0	100%	50%	19,677	SW	
6159	Container Recovery, Inc.	19,992	19,992	0	100%	50%	9,996	SW	
6160	Thomas R. Hurliman	52,240	52,240	0	100%	50%	26,120	Water	
6161	Safeway, Inc.	45,592	45,592	0	100%	50%	22,796	SW	
6162	Safeway, Inc.	45,342	45,342	0	100%	50%	22,671	SW	
6163	Safeway, Inc.	44,092	44,092	0	100%	50%	22,046	SW	
6164	Safeway, Inc.	30,228	30,228	0	100%	50%	15,114	SW	
6165	Safeway, Inc.	26,272	26,272	0	100%	50%	13,136	SW	
6166	Safeway, Inc.	46,205	46,205	0	100%	50%	23,103	SW	
6167	Safeway, Inc.	32,785	32,785	0	100%	35%	11,475	SW	
6169	4M Ranch, Inc.	240,000	215,000	(25,000)	100%	50%/35%	67,083	NPS	
6172	Truax Corporation	50,121	20,768	(29,353)	100%	50%	10,384	UST	
6185	Truax Corporation	42,453	42,256	(197)	100%	50%	21,128	UST	
6202	Truax Corporation	52,671	47,919	(4,752)	100%	50%	23,960	UST	
6215	Cain Petroleum Inc.	137,610	127,018	(10,592)	100%	50%	63,509	UST	
6217	Madison Farms	19,000	19,000	0	100%	35%	6,650	NPS	
6218	Boyd Coffee Company	152,778	152,780	2	100%	50%	76,390	Water	
6220	Golden Valley Farms, LLC	436,549	436,549	0	100%	50%	218,275	FB	
6221	Golden Valley Farms, LLC	153,000	153,000	0	100%	50%	76,500	FB	
6222	Golden Valley Farms, LLC	16,000	16,000	0	100%	50%	8,000	FB	
6223	Golden Valley Farms, LLC	299,229	299,229	0	100%	50%	149,615	FB	
6224	Golden Valley Farms, LLC	127,500	127,500	0	100%	50%	63,750	FB	
6225	Golden Valley Farms, LLC	29,235	29,235	0	100%	50%	14,618	FB	
6226	Golden Valley Farms, LLC	75,025	75,025	0	100%	50%	37,513	FB	
6227	Golden Valley Farms, LLC	139,173	139,173	0	100%	50%	69,587	FB	
6232	Kiser Enterprises, Inc.	31,000	31,000	0	100%	35%	10,850	SW	

Attachment A

Summary and Recommendations

Approvals

App #	Applicant	Claimed	Certified	Difference	% Allocable	Maximum Tax Credit	GF Liability	Media Sub	Notes
6235	Dennis' Seven Dees Landscaping,	61,000	61,000	0	100%	35%	21,350	SW	
6236	Container Recovery, Inc.	126,269	126,269	0	100%	50%	63,135	SW	
6237	Container Recovery, Inc.	363,535	363,535	0	74%	50%	134,508	SW	
6238	Newberg Garbage Service, Inc.	533,447	347,912	(185,535)	100%	35%	121,769	SW	
6251	The Jerry Brown Co., Inc.	47,299	48,104	805	100%	50%	24,052	UST	
6252	Newberg Garbage Service, Inc.	3,361	3,361	0	100%	50%	1,681	SW	
6253	Newberg Garbage Service, Inc.	10,411	10,411	0	100%	50%	5,206	SW	
6254	Newberg Garbage Service, Inc.	2,711	2,711	0	100%	35%	949	SW	
6261	Portland General Electric	88,302	88,302	0	100%	50%	44,151	Water	
6262	Portland General Electric	89,647	89,647	0	100%	50%	44,824	Water	
6263	Martinson Farms	157,246	155,854	(1,392)	100%	50%	77,927	FB	
6267	Newberg Transfer and Recycling	83,352	83,677	325	100%	35%	29,287	SW	
6268	Newberg Transfer and Recycling	12,940	12,940	0	100%	50%	6,470	SW	
6271	Truax Corporation	70,193	67,531	(2,662)	100%	35%	23,636	UST	
6280	The Jerry Brown Co., Inc.	32,435	31,894	(541)	100%	50%	15,947	UST	
6288	Pepsi Cola Bottling Company	38,126	38,126	0	100%	50%	19,063	SW	
6289	Medallion Cabinetry, Inc.	219,159	149,061	(70,098)	100%	50%	74,531	Air	
6291	Medallion Cabinetry, Inc.	120,917	120,917	0	100%	50%	60,459	SW	
6296	PremierWest Bank Leasing	30,288	30,288	0	100%	35%	10,601	SW	
6303	Container Recovery, Inc.	24,750	24,750	0	100%	35%	8,663	SW	
6304	Container Recovery, Inc.	24,750	24,750	0	100%	35%	8,663	SW	
6306	Container Recovery, Inc.	19,782	19,782	0	100%	50%	9,891	SW	
6307	Container Recovery, Inc.	24,750	24,750	0	100%	35%	8,663	SW	
6308	Container Recovery, Inc.	24,750	24,750	0	100%	35%	8,663	SW	
6310	Container Recovery, Inc.	9,996	9,996	0	100%	50%	4,998	SW	
6311	Container Recovery, Inc.	49,500	49,500	0	100%	35%	17,325	SW	
6312	Container Recovery, Inc.	49,500	49,500	0	100%	35%	17,325	SW	
6313	Container Recovery, Inc.	49,500	49,500	0	100%	35%	17,325	SW	
6314	Container Recovery, Inc.	24,000	24,000	0	100%	50%	12,000	SW	
6334	Golden Valley Farms, LLC	157,340	157,340	0	100%	50%	78,670	FB	
6347	Container Recovery, Inc.	29,778	29,778	0	100%	50%	14,889	SW	

Attachment A

Summary and Recommendations

Approvals

App #	Applicant	Claimed	Certified	Difference	% Allocable	Maximum Tax Credit	GF Liability	Media Sub	Notes
6348	Container Recovery, Inc.	29,358	29,358	0	100%	50%	14,679	SW	
6349	Container Recovery, Inc.	29,988	29,988	0	100%	50%	14,994	SW	
6350	Container Recovery, Inc.	29,358	29,358	0	100%	50%	14,679	SW	
6351	Container Recovery, Inc.	29,988	29,988	0	100%	50%	14,994	SW	
6352	Container Recovery, Inc.	39,144	39,144	0	100%	50%	19,572	SW	
6353	Container Recovery, Inc.	29,568	29,568	0	100%	50%	14,784	SW	
6354	Container Recovery, Inc.	9,996	9,996	0	100%	50%	4,998	SW	
6355	Container Recovery, Inc.	39,984	39,984	0	100%	50%	19,992	SW	
6356	Container Recovery, Inc.	29,778	29,778	0	100%	50%	14,889	SW	
6357	Container Recovery, Inc.	49,350	49,350	0	100%	50%	24,675	SW	
6358	Container Recovery, Inc.	9,996	9,996	0	100%	50%	4,998	SW	
6359	Container Recovery, Inc.	29,778	29,778	0	100%	50%	14,889	SW	
6360	Container Recovery, Inc.	19,992	19,992	0	100%	50%	9,996	SW	
6361	Container Recovery, Inc.	39,354	39,354	0	100%	50%	19,677	SW	
6362	Container Recovery, Inc.	29,358	29,358	0	100%	50%	14,679	SW	
6363	Container Recovery, Inc.	29,988	29,988	0	100%	50%	14,994	SW	
6364	Container Recovery, Inc.	19,992	19,992	0	100%	50%	9,996	SW	
6365	Container Recovery, Inc.	19,992	19,992	0	100%	50%	9,996	SW	
6366	Container Recovery, Inc.	39,354	39,354	0	100%	50%	19,677	SW	
6367	Container Recovery, Inc.	29,778	29,778	0	100%	50%	14,889	SW	
6368	Container Recovery, Inc.	29,778	29,778	0	100%	50%	14,889	SW	
6371	Centennial Bank	174,258	174,258	0	100%	35%	60,990	SW	
115 Apps		12,220,400	11,341,770	(878,629)			5,415,659		
	Average	106,264	98,624				47,093		
	Minimum	2,624	2,624				949		
	Maximum	1,529,795	1529795				764,898		

Attachment A

Summary and Recommendations

Approvals

TRANSFERS

Certificate 4240

FROM: Don Worthington

TO: Wimer Market and Video

Certificate 4350

FROM: Ivy's Tumalo Store

TO: J.B.'s Tumalo Store

Certificate 4842

FROM: Dave Dunlap

TO: Dave Dunlap & Sandra Brugge

Attachment B

Approvals

The Department recommends that the Environmental Quality Commission (EQC or Commission) approve certification of the **48** applications presented in this attachment to the Addendum. The Department bases its recommendations on the evidence in each application record that clearly supports certification under the Pollution Control Facilities Tax Credit regulations. The Department presents its analysis of each application in the attached Review Reports which are listed by application number under the following categories:

- 1) Air
- 2) Material Recovery
- 3) Nonpoint Source
- 4) Underground Storage Tank System
- 5) Water

The Air, Water, and Material Recovery reports include modifications to the format of the Review Report. These changes coincide with a contract recently awarded to a new engineering firm to review tax credit applications. The Department's goal in modifying the format is to make sure the engineers are consistent in their review and that they provide the Department with the information needed to make an accurate recommendation to the EQC. Modifications to the Nonpoint Source and Underground Storage Tank review format will be made prior to the March EQC meeting.

NOTE:

- There are no applications presented for preliminary certification.
- The Department recommends the EQC certify **13** facilities for an amount less than the applicants claimed on their applications and **one** facility for an amount that is more than the applicant claimed on the application. These are shown under the column headed **Difference** on the Summary.
- **Forty-three** facilities represented in the Addendum are eligible for the 50% maximum credit because the applicant completed construction of the facility before 2002. **Four** facilities are eligible for the 35% maximum tax credit because the applicant completed construction in 2002. **One** facility is eligible for the 50% tax credit on one component completed before 2002 **and** 35% on another component completed after 2002.
- **One** facility replaces a previously certified facility. Replacements are shown in bold type in Attachment A.

APPROVALS: Air Pollution Control Facilities

The Department recommends that the Commission approve 6 air pollution control facilities installed to dispose of or eliminate air pollution with the use of an air cleaning device. The Commission's certification of these facilities could reduce taxes paid to the State of Oregon by a maximum of \$531,966.

Four applicants constructed facilities in response to a Department of Environmental Quality, a federal Environmental Protection Agency, or a regional air pollution authority requirement. These facilities' primary and most important purposes are to comply with requirements to prevent, reduce, control, or eliminate air contamination with the use of air cleaning devices as defined in ORS 468A.005 prior to discharge to the atmosphere. Each of these facilities has only one primary and most important purpose.

Two applicants voluntarily installed facilities to prevent, reduce, control, or eliminate air contamination with the use of air cleaning devices as defined in ORS 468A.005 prior to discharge to the atmosphere. These facilities are used exclusively to control a substantial quantity of air pollution.

Summary of Air Pollution Control Facilities

App #	Applicant	Facility Cost	% Allocable	Maximum Tax Credit	EQC Action
5835	Forrest Paint Company	\$104,375	100%	50%	
5889	Willamette Industries, Inc.	299,097	100%	50%	
6036	PED Manufacturing, LTD.	15,755	100%	50%	
6094	Willamette Graystone, Inc.	5,525	100%	50%	
6135	Intel Corporation	490,118	100%	50%	
6289	Medallion Cabinetry, Inc.	149,061	100%	50%	

6 Apps	Sum:	1,063,931
	Average	177,322
	Minimum	5,525
	Maximum	\$ 490,118



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve@ Reduced Cost
Applicant	Forrest Paint Company
Application No.	5835
Facility Cost	\$104,375
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	7 years

Tax Credit Review Report

Pollution Control Facility: AIR

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Paint & coating manufacturing
solvent-base paint and related
products**

Taxpayer ID: **93-0612986**

The applicant's address is:

**1011 McKinley Street
Eugene, OR 97402**

Facility Identification

The certificate will identify the facility as:

Biofilter Model BioAirVent 10000

The applicant is the **owner and operator** of
the facility located at:

**1011 McKinley Street
Eugene, OR 97402**

Technical Information

The applicant claimed a Biofilter BioAirVent 10000 for the control of vapors from the manufacturing of solvent-based paint. The majority of the VOC emitted from the process are hazardous air pollutants. The claimed facility decomposes volatile organic compounds (VOC), and is capable of handling 10,000 cubic feet per minute of air flow with a VOC loading concentration of 50-1,200 parts per million. Prior to the installation of the claimed facility, solvent vapors were emitted directly to the atmosphere with no control; VOC emissions were estimated at 47.5 tons per year. The new filter decreases emissions by 36 tons per year.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	6/16/2000
<i>Construction Completed</i>	9/19/2001
<i>Facility Placed into Operation</i>	9/19/2001
<i>Application Filed</i>	11/21/2001

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of air pollution.

TRUE: The facility reduces a substantial quantity of volatile organic compounds from solvent vapors. Prior to the applicant installing the BioAirVent 10000, solvent vapors were emitted directly to the atmosphere with no control; VOC emissions were estimated at 47.5 tons per year. The majority of the VOC emitted is hazardous air pollutants. The new facility will decrease emissions by 36 tons per year, an efficiency that is currently reaching 85%. The applicant took a proactive position by installing the Biofilter system in anticipation of the proposed Maximum Achievable Control Technology (MACT) permit.

Method
 ORS 468.155
 (1)(b)(B)

The prevention, control, or reduction must be accomplished by the disposal or elimination of air contaminants, air pollution, or air contamination sources; and the use of an air cleaning device as defined in ORS 468A.005.

TRUE: The prevention is accomplished by the elimination of air contaminants and the use of the Biofilter system that meets the definition in ORS 468A.005 of air-cleaning devices.

Exclusions
 ORS 468.155 (3)
 OAR 340-016-
 0070(3)(p)

The claimed facility and all its distinguishable parts meet the definition of a pollution control facility. The claimed facility cost does not include items used for maintenance, operation, or repair of a facility; and it does not include spare parts.

FALSE: The applicant included maintenance and repair costs for replacing a collapsed duct. The amount of \$1,999 is subtracted from the claimed cost under the Facility Cost section.

OAR 340-016-0070(1)(c) The facility cost does not include the present value of any other state tax credits for which the investment is eligible.

FALSE: The applicant did not remove the present value of Business Energy Tax Credit (BETC) for which the investment is eligible. The applicant is eligible for a tax credit in the amount of \$110,450 as shown on the Office of Energy's precertification documentation. The present value of the BETC is \$32,443 based on the applicant's 7.25% cost of capital and the BETC's 5-year redemption schedule of 10% in the first two years and 5% in the last three years. The present value of the BETC has been removed for the claimed facility cost.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **6/16/2000**, construction was completed on **9/19/2001**, and the Department received the application on **11/21/2001**.

Facility Cost

Claimed Cost	\$138,817
Present Value of BETC	(32,443)
Maintenance and repairs not part of biofilter	(1,999)
Eligible Cost	\$104,375

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 7 years. The facility does not have a positive cash flow.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

John Morrissey, LRAPA staff assigned to the source, affirmed that the facility and site are in compliance with Department rules and statutes. The following permits have been issued to the site:

NPDES 1200-Z No 100648 issued August 5, 1997

NPDES 100-J No 100684 issued August 28, 1996

Oregon Title V No. 202805 issued January 14, 2000

The Office of Energy pre-certified Application Number 8790 as shown on the attached Preliminary Certificate.

Reviewers: Maggie Vandehey, DEQ

OREGON OFFICE OF ENERGY
BUSINESS ENERGY TAX CREDIT PROGRAM
2001 PRELIMINARY CERTIFICATE

The Oregon Office of Energy has reviewed the application for a tax credit pursuant to ORS 469.185-469.225, and has granted preliminary certification as described below:

1. Applicant's name and address:

Business name: Forrest Paint Company

Mailing address: PO Box 22110
Eugene, OR 97402


Site address: Forrest Paint Company
1011 McKinley Street
Eugene, OR 97402

2. Preliminary certified cost of project: \$110,450

3. Project description:

This project consists of replacing a catalytic thermal oxidizer with a Biofilter to decompose volatile organic compounds (VOC) used in the process of making paint. The equipment making up this project is a Bio-airvent model 10,000. This project is expected to save 107,477 therms of natural gas per year. Information which supplements this project is available in the corresponding Business Energy Tax Credit file at the Oregon Oregon, Office of Energy.

The preliminary certificate is issued only for the purpose of ORS 469.185 to 469.225, and is applicable only to the specific business described. The applicant is responsible for compliance with all applicable state, federal or local statutes, laws, codes, rules, regulations and ordinances, and with specifications and conditions in the application for preliminary certification. By making this certification, the State of Oregon does not make any warranty, express or implied, concerning the performance, operation, or installation or any other characteristic of the facility. The Oregon Office of Energy reserves the right to inspect the facility for compliance with tax credit requirements during construction and during the years in which a tax credit is being claimed. Failure to grant an inspection is grounds for tax credit certification denial. The Office cannot issue a final certificate for an amount which is more than 110 percent of the preliminary certified cost in item 2 above.



Authorized Signature, OOE

August 20, 2001

Date



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: AIR Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Particleboard Manufacturer**

Taxpayer ID: **93-0312940**

The applicant's address is:

**1300 SW Fifth Avenue Suite 3800
Portland, OR 97201**

Directors

Recommendation: **Approve @ Reduced Cost**

Applicant **Willamette Industries, Inc.**

Application No. **5889**

Facility Cost **\$299,097**

Percentage Allocable **100%**

Maximum Tax Credit **50%**

Certificate Period **7 years**

Facility Identification

The certificate will identify the facility as:

**Two Pneumafil Bag House Filters, Model
11.5-312-12, identified as #'s 29 & 30;
Two Twin City Purge Fans, Model 450
RTF**

The applicant is the **owner and operator** of
the facility located at:

**1300 SW Fifth Avenue
Suite 3800
Portland, OR 97201**

Technical Information

The applicant claimed two new bag house filters, two Class 23 purge fans with motors, feeders and chutes. Each baghouse has a capacity to handle 31,000 cubic feet of air per minute, an air-to-cloth ratio of 5:1, and a 99% efficiency rating.

The baghouses control the amount of particulates in air discharges from Cyclone-1 and Cyclone-4 installed for the Line 1 and Line 2 screening and milling equipment. The existing SC-1 and SC-4 wet scrubbers were not able to adequately control the amount of particulates in the air discharges from the two cyclones and were replaced with the bag house filters. An additional 80 tons per year of particulates are captured in the two new bag houses instead of being released in the air through the existing wet scrubbers.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	5/1/2000
<i>Construction Completed</i>	9/5/2000
<i>Facility Placed into Operation</i>	7/7/2000
<i>Application Filed</i>	12/12/2001

Purpose: Required The principal purpose of the claimed facility must be to comply with a requirement imposed by DEQ, EPA, or LRAPA to prevent, reduce, or control air pollution. That principal purpose must be the most important or primary purpose of the facility. The facility must have only one primary purpose.
 ORS 468.155
 (1)(a)(A)
 OAR 340-016-0060(2)(a)

TRUE: The **principal purpose** of the **new bag house filters** is to comply with the applicant's air permit to control air pollution according to ORS 468.155 (1)(a)(A).

Method The prevention, control, or reduction must be accomplished by the disposal or elimination of air contaminants, air pollution, or air contamination sources; and the use of an air cleaning devices as defined in ORS 468A.005.
 ORS 468.155
 (1)(b)(B)

TRUE: Particulates meet the definition of air pollution. The elimination of air contaminants is accomplished with the installed baghouse and meets the definition in ORS 468A.005 of an air cleaning device.

Exclusions The claimed facility or one of its distinguishable parts is excluded from the definition of a pollution control facility.
 ORS 468.155 (3)

OAR 340-016-0070(3) **TRUE:** The Fire Sprinkler System makes an insignificant contribution to meeting the applicant's air permit. The elimination of air contaminants is accomplished with the installed baghouse and meets the definition in ORS 468A.005 of an air cleaning device.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1)

TRUE: Construction of the facility commenced on **5/1/2000**, construction was completed on **9/5/2000**, and the Department received the application on **12/12/2001**.

Facility Cost

Claimed Cost	\$315,563
Fire Sprinkler System	(16,466)
Eligible Cost	\$299,097

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 7 years. The facility does not have a positive cash flow.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility is in compliance with Department rules and statutes and with EQC orders. The following permits have been issued to the site:

Notice of Intent to Construct Number 017901, approved 01/26/2000
DEQ Title V Permit Number 09-0002, issued 12/06/1999

The EQC issued 23 certificates to Willamette Industires, Inc. for facilities located at the Bend site. Eighteen of the certificates were for the installation of air cleaning devices.

Reviewer: SJO Consulting Engineers
Barrett MacDougall, DEQ



State of Oregon
Department of
Environmental
Quality

Directors
Recommendation: **Approve @ Reduced Cost**
Applicant **PED Manufacturing, LTD.**
Application No. **6036**
Facility Cost **\$15,755**
Percentage Allocable **100%**
Maximum Tax Credit **50%**
Useful Life **10 years**

Tax Credit Review Report

Pollution Control Facility: AIR

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Investment casting foundry
producing metal castings.**

Taxpayer ID: **93-0605811**

The applicant's address is:

**13963 Fir Street
Oregon City, OR 97045**

Facility Identification

The certificate will identify the facility as:

Dust Hog C310-1D dust collection unit

The applicant is the **owner and operator** of
the facility located at:

**13963 Fir Street
Oregon City, OR 97045**

Technical Information

The applicant claimed a Dust Hog dust collection system to eliminate airborne metal particulate as it is generated during abrasive sawing and grinding operations. The Dust Hog was purchased and installed to capture particulate emissions that contain cobalt compounds and chromium compounds which are regulated as hazardous air pollutants. The particulate is produced from a newly installed automated cutoff system. The Dust Hog removes particulate in two stages. The first stage uses a cyclonic type separator to remove the heavy particles, 10 microns and larger which are discharged into a dust-tight container. The second stage uses after-filters to capture particles 5 microns and larger. The Dust Hog removes an estimated 9 tons of particulate per year. The removal efficiency is approximately 98%.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165(6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided by law.

<i>Construction Started</i>	10/19/2001
<i>Construction Completed</i>	11/26/2001
<i>Facility Placed into Operation</i>	11/29/2001
<i>Application filed</i>	01/24/2002

Purpose: Required The principal purpose of the claimed facility must be to comply with a requirement imposed by DEQ, EPA, or LRAPA to prevent, reduce, or control air pollution. That principal purpose must be the most important or primary purpose of the facility. The facility must have only one primary purpose.
ORS 468.155
(1)(a)(A)
OAR 340-016-0060(2)(a)

TRUE: The Dust Hog complies with the applicant's Air Contaminant Discharge Permit, Number 03-2505, imposed by the Oregon Department of Environmental Quality.

FALSE: The primary and most important purpose of the awning is not to comply with the requirement to control air pollution.

Exclusions The claimed facility and all its distinguishable parts meet the definition of a pollution control facility. The applicant removed ineligible costs associated with any distinct portion of a pollution control facility that makes an insignificant contribution to the principal or sole purpose of the facility.
ORS 468.155 (3)
OAR 340-016-0070(3)

FALSE: The applicant included the cost of an awning. The amount of \$2,236 is subtracted from the claimed cost under the Facility Cost section.

Method The prevention, control, or reduction must be accomplished by the disposal or elimination of air contaminants, air pollution, or air contamination sources; and the use of an air cleaning device as defined in ORS 468A.005.
ORS 468.155
(1)(b)(B)

TRUE: Airborne dust meets the definition of air pollution and a Dust Hog C310-1D dust collection unit meets the definition of an air cleaning device as defined in ORS 468A.005.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **11/26/2001** and the Department received the application on **1/24/2002**.

Facility Cost

Claimed Cost	\$17,991
Awning	(\$2,236)
Eligible Cost	\$15,755

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$15,755** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site: ACDP No. 03-2505 issued February 16, 1995 addendum effective January 1, 2002, 1200Z File No. 101827 issued October 30, 1997. The EQC issued five certificates to this location: one for treating industrial wastewater and four for controlling air pollution.

Reviewers: PBS Engineering and Environmental
Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Willamette Graystone, Inc.
Application No.	6094
Facility Cost	\$5,525
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	7 years

Tax Credit Review Report

Pollution Control Facility: AIR

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Manufacturer of concrete block**

Taxpayer ID: **93-0468701**

The applicant's address is:

**PO Box 7816
Eugene, OR 97401**

Facility Identification

The certificate will identify the facility as:

**Two Filter Technology Top Removal
Bin Dust Collectors; Model BV 250**

The applicant is the **owner and operator** of
the facility located at:

**64985 Deschutes Market Road
Bend, OR 97701**

Technical Information

The applicant manufactures concrete block and claimed two self cleaning, model BV 250, dust collectors manufactured by Filter Technology to control the dust from two dry powder cement storage silos. A dust collector is installed on the top of each silo and as the silo is filled the unit filters the displaced dusty air. The claimed facility contains pleated polyester filter bags that have a capture efficiency of 99.99%. Prior to the installation of the claimed facility, the applicant had single polyester bag filters that frequently plugged and occasionally released excessive dust to the atmosphere. The previous bag filter was not certified as a pollution control facility. Since the installation of the new system, no visible dust is being discharged.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	11/1/2001
<i>Construction Completed</i>	11/30/2001
<i>Facility Placed into Operation</i>	12/1/2001
<i>Application Filed</i>	3/21/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of air pollution.
 ORS 468.155
 (1)(a)(B)

TRUE: The claimed facility reduces a substantial quantity of airborne particulate.
 OAR 340-016-0060(2)(a)

Method The prevention, control, or reduction must be accomplished by the disposal or elimination of air contaminants, air pollution, or air contamination sources; and the use of an air cleaning device as defined in ORS 468A.005.
 ORS 468.155
 (1)(b)(B)

TRUE: The airborne particulate meets the ORS 468A.005 definition of air pollution. Particulate emissions are also regulated by the DEQ. The Model #BV250 dust collector meets the definition of an air cleaning device because it reduces airborne particulate before being released to the atmosphere.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **11/30/2001** and the Department received the application on **3/21/2002**.

Facility Cost

Claimed Cost	\$5,525
Eligible Cost	\$5,525

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$5,525** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. No previous Pollution Control Facilities Tax Credits have been issued to any applicant at this location.

Reviewers: PBS Engineering and Environmental
Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Director's Recommendation:	Approve
Applicant	Intel Corporation
Application No.	6135
Facility Cost	\$490,118
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	10 years

Tax Credit Review Report

Pollution Control Facility: AIR

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Research, development &
manufacturing for
semiconductors on silicon wafers**

Taxpayer ID: **94-1672743**

The applicant's address is:

**2200 Mission College Drive
SC4-26
Santa Clara, CA 95052**

Facility Identification

The certificate will identify the facility as:

**Four (4) Corrosive exhaust scrubbers,
Serial numbers**

SC-133-1-100,

SC-133-2-100,

SC-133-3-100, and

SC-134-1-100;

Five (5) scrubber fans, Serial numbers

EF-133-1-111,

EF-133-2-111,

EF-133-3-111,

EF-134-1-11A, and

EF-134-1-11B

The applicant is the **owner and operator** of
the facility located at:

**Ronler Acres D1C Facility
2501 NW 229th Avenue
Hillsboro, OR 97124**

Technical Information

The applicant generates corrosive vapors from various semiconductor research and production activities. Four Harrington Industrial Plastics, Inc. wet scrubbers were installed to reduce corrosive emissions of variable concentrations of sulfuric, nitric, hydrofluoric, hydrochloric, and phosphoric acids. Hydrochloric and hydrofluoric acids are categorized as Hazardous Air Pollutants (HAPs) by DEQ. The wet scrubbers have a rated removal efficiency of 95% for corrosive emissions. Scrubber SC-134-1-100 has two fans and motors (EF-134-1-11A and EF-134-1-11B). The other three scrubbers (SC-133-1-100, SC-133-2-100 and SC133-3-100) each have one fan and motor (EF-133-1-111, EF-133-2-111, EF-133-3-111). The scrubbers operate whenever the related process areas are operating.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	4/1/1999
<i>Construction Completed</i>	8/1/2000
<i>Facility Placed into Operation</i>	8/1/2000
<i>Application Filed</i>	4/25/2002

Purpose: Required The principal purpose of the claimed facility must be to comply with a requirement imposed by DEQ, EPA, or LRAPA to prevent, reduce, or control air pollution. That principal purpose must be the most important or primary purpose of the facility. The facility must have only one primary purpose.
 ORS 468.155
 (1)(a)(A)
 OAR 340-016-0060(2)(a)

TRUE: The facility complies with an Air Contaminant Discharge Permit (ACDP) issued by DEQ. Specifically, installation and use of the scrubbers reduces HAP emissions below major source emission levels.

Method The prevention, control, or reduction must be accomplished by the disposal or elimination of air contaminants, air pollution, or air contamination sources; and the use of an air cleaning device as defined in ORS 468A.005.
 ORS 468.155
 (1)(b)(B)

TRUE: Hydrofluoric and hydrochloric acids meet the definition of air pollution because they are defined as HAPs by DEQ. The four corrosive exhaust gas scrubbers meet the definition of an air cleaning device because they remove these vapors from the exhaust gas streams.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1)

TRUE: Construction of the facility commenced on **4/1/1999**, construction was completed on **8/1/2000**, and the Department received the application on **4/25/2002**.

Facility Cost

Claimed Cost	\$490,118
Eligible Cost	\$490,118

Copies of invoices and purchase orders substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 10 years. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The DEQ staff member assigned to the source is Greg Gruno in the DEQ Northwest region office who affirmed the applicant's statement that the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site: Air Contaminant Discharge Permit 34-2809, issued 11/18/1994. The EQC issued five certificates to Pollution Control Facilities at this location.

Reviewers: PBS Engineering and Environmental
 Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Directors	
Recommendation:	Approve @ Reduced Cost
Applicant	Medallion Cabinetry, Inc.
Application No.	6289
Facility Cost	\$149,061
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	7 years

Pollution Control Facility: AIR

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Wood finishing cabinets**

Taxpayer ID: **41-1507499**

The applicant's address is:

**180 Industrial Blvd.
Waconia, MN 55387**

Facility Identification

The certificate will identify the facility as:

Baghouse, M/N: CSL 450TR12HEI-FS

The applicant is the **owner/operator** of the facility located at:

**625 Hoffman Rd.
Independence, OR 97351**

Technical Information

The applicant generates wood dust from various woodworking activities, including cutting, sanding, and machining in their new cabinet manufacturing plant. A baghouse, manufactured by Carothers and Son, model: CSL450TR12HEI-FS, was installed to reduce particulate matter (PM) and fine particulate matter (PM₁₀) emissions. The claimed facility reduced PM/PM₁₀ emissions from a potential of 6,394 tons/year to less than 14.9 tons/year. The baghouse has a rated particulate removal efficiency of 99.8%. The claimed facility cost includes a 200 horsepower fan that draws 72,000 cubic feet of air per minute through the baghouse. Particulate emissions from the baghouse comply with the applicant's Air Contaminant Discharge Permit. The baghouse operates when the facility is operating.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/18/2000
<i>Construction Completed</i>	10/8/2001
<i>Facility Placed into Operation</i>	10/5/2001
<i>Application Filed</i>	10/7/2002

Purpose: Required The principal purpose of the claimed facility must be to comply with a requirement imposed by DEQ, EPA, or LRAPA to prevent, reduce, or control air pollution. That principal purpose must be the most important or primary purpose of the facility. The facility must have only one primary purpose.
 ORS 468.155
 (1)(a)(A)
 OAR 340-016-0060(2)(a)

TRUE: The baghouse installation complies with the applicant's Air Contaminant Discharge Permit imposed by DEQ. Condition 2 of the permit specifically lists the baghouse as a pollution control device and Condition 28 limits the plant site emissions of PM and PM₁₀ to less than 14.9 tons per year. The facility can not operate without the baghouse and still meet these permit conditions.

FALSE: Ductwork installed to convey dust emissions to the baghouse from inside of the building is not eligible for certification because the primary and most important purpose of the ductwork is material handling. Ductwork installed inside of a building would have been installed to convey dust emissions outside even if the baghouse were not installed. The cost is subtracted from the claimed cost under the Facility Cost section.

Method The prevention, control, or reduction must be accomplished by the disposal or elimination of air contaminants, air pollution, or air contamination sources; and the use of an air cleaning device as defined in ORS 468A.005.
 ORS 468.155
 (1)(b)(B)

TRUE: Particulate matter meets the definition of air pollution because it is listed as a priority pollutant by EPA. The baghouse installation meets the definition of an air cleaning device because it significantly reduces potential particulate emissions by over 99.8%.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1)

TRUE: Construction of the facility commenced on **12/18/2000**, construction was completed on **10/5/2001**, and the Department received the application on **10/7/2002**.

Facility Cost

Claimed Cost	\$ 219,159
Ductwork: materials and installation	(70,098)
Eligible Cost	\$149,061

Copies of invoices were used to substantiate the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 7 years. The facility does not have a positive cash flow.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

DEQ staff assigned to the source is Gary Andes from the DEQ Salem office, Western Region affirmed the applicant's statement that the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site: Air Contaminant Discharge Permit Number 27-005 issued January 30, 2001, Hazardous Waste permit number ORQ000019729 issued February 4, 2002, and a storm water discharge permit number 1200-C issued December 22, 2000. The EQC has not certified any certificates to the applicant at this location.

Reviewers: PBS Engineering and Environmental
 Maggie Vandehey, DEQ

APPROVALS: Material Recovery Facilities

The Department recommends that the Commission approve the **24** material recovery facilities for certification as pollution control facilities as presented in this Addendum. The total number of material recovery facilities presented in Agenda Item E is **74** and their certification could reduce taxes paid to the State of Oregon by a maximum of \$2,232,825.

The Department recommends that the EQC certify the facilities summarized below and represented on the attached Review Reports as part of the approval section of Agenda Item E.

Summary of Air Pollution Control Facilities

App #	Applicant	Facility Cost	% Allocable	Maximum Tax Credit	EQC Action
5923	Hewlett-Packard Co.	\$ 500,737	100%	50%	
6347	Container Recovery, Inc.	29,778	100%	50%	
6348	Container Recovery, Inc.	29,358	100%	50%	
6349	Container Recovery, Inc.	29,988	100%	50%	
6350	Container Recovery, Inc.	29,358	100%	50%	
6351	Container Recovery, Inc.	29,988	100%	50%	
6352	Container Recovery, Inc.	39,144	100%	50%	
6353	Container Recovery, Inc.	29,568	100%	50%	
6354	Container Recovery, Inc.	9,996	100%	50%	
6355	Container Recovery, Inc.	39,984	100%	50%	
6356	Container Recovery, Inc.	29,778	100%	50%	
6357	Container Recovery, Inc.	49,350	100%	50%	
6358	Container Recovery, Inc.	9,996	100%	50%	
6359	Container Recovery, Inc.	29,778	100%	50%	
6360	Container Recovery, Inc.	19,992	100%	50%	
6361	Container Recovery, Inc.	39,354	100%	50%	
6362	Container Recovery, Inc.	29,358	100%	50%	
6363	Container Recovery, Inc.	29,988	100%	50%	
6364	Container Recovery, Inc.	19,992	100%	50%	
6365	Container Recovery, Inc.	19,992	100%	50%	
6366	Container Recovery, Inc.	39,354	100%	50%	
6367	Container Recovery, Inc.	29,778	100%	50%	
6368	Container Recovery, Inc.	29,778	100%	50%	
6371	Centennial Bank	174,258	100%	35%	

24 App #	Sum:	1,318,645
	Average	54,944
	Minimum	9,996
	Maximum	\$ 500,737



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Hewlett-Packard Company
Application No.	5923
Facility Cost	\$500,737
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	10 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Production operations for inkjet
printing systems**

Taxpayer ID: **94-1081436**

The applicant's address is:

**1000 NE Circle Boulevard
Corvallis, OR 97330**

Technical Information

The applicant uses concentrated sulfuric acid in the manufacturing operations for inkjet printing systems. The claimed facility consists of a sulfuric acid purification unit called a reprocessor, manufactured by Athens Chemical Management Systems, model SXR-500, spent acid distribution piping system and purified acid piping system.

Prior to the installation of the claimed facilities, the applicant neutralized the used sulfuric acid with sodium hydroxide in their on-site wastewater treatment facility. The treated wastewater was then discharged to the City of Corvallis's wastewater treatment works. The City's treatment works had problems with the sodium sulfate that resulted from the applicant's neutralization process. On October 18, 1995, the City of Corvallis gave the applicant 90 days to develop a plan to install equipment to remove the sodium sulfate from the wastewater. To comply with demand of the City, the applicant installed the claimed facility.

Facility Identification

The certificate will identify the facility as:

**Sulfuric Acid Reprocessing System
Serial # 04**

The applicant is the **owner and operator** of the facility located at:

**1000 NE Circle Boulevard
Corvallis, OR 97330**

Eligibility

Timely Filing The application must be filed within two years the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	6/14/1999
<i>Construction Completed</i>	10/14/2001
<i>Facility Placed into Operation</i>	11/26/2001
<i>Application Filed</i>	12/21/2001

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of hazardous waste.
 ORS 468.155

(1)(a)(B)

TRUE: The reprocessor purifies approximately 430,000 pounds of spent sulfuric acid per year through distillation. The claimed facility has reduced the applicants sodium sulfate discharges from more than 1,000,000 lbs/yr to less than 500,000 lbs/yr.
 OAR 340-016-0060(2)(a)

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be hazardous waste as defined in ORS 466.005:
 ORS 468.155
 (1)(b)(D)

"Hazardous waste" does not include radioactive material or the radioactively contaminated containers and receptacles used in the transportation, storage, use or application of radioactive waste, unless the material, container or receptacle is classified as hazardous waste under paragraph (a), (b) or (c) of this subsection on some basis other than the radioactivity of the material, container or receptacle.

Hazardous waste does include all of the following which are not declassified by the commission under ORS 466.015 (3):

(a) Discarded, useless or unwanted materials or residues resulting from any substance or combination of substances intended for the purpose of defoliating plants or for the preventing, destroying, repelling or mitigating of insects, fungi, weeds, rodents or predatory animals, including but not limited to defoliant, desiccants, fungicides, herbicides, insecticides, nematocides and rodenticides.

(b) Residues resulting from any process of industry, manufacturing, trade or business or government or from the development or recovery of any natural resources, if such residues are classified as hazardous by order of the commission, after notice and public hearing. For purposes of classification, the commission must find that the residue, because of its quantity, concentration, or physical, chemical or infectious characteristics may:

(A) Cause or significantly contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illness; or

(B) Pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.

(c) Discarded, useless or unwanted containers and receptacles used in the transportation, storage, use or application of the substances described in paragraphs (a) and (b) of this subsection.

TRUE: Spent sulfuric acid meets the definition of hazardous waste because of its corrosive characteristic. The applicant reclaims the spent sulfuric acid and reuses the purified acid in their manufacturing process.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility produces the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

(B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The reprocessor purifies approximately 430,000 pounds of spent sulfuric acid per year. The reprocessor purifies the spent acid through distillation. The purified acid is returned to the manufacturing department for reuse. The claimed facility has reduced the applicants sodium sulfate discharges from more than 1,000,000 lbs/yr to less than 500,000 lbs/yr.

Replacement ORS 468.155 (3)(e) The facility does not replace or reconstruct all or part of a facility that has previously been certified as a pollution control facility under ORS 468.170. The two exceptions are: 1) the facility was replaced due to a requirement imposed by DEQ or EPA that is different than the requirement to construct the original facility; or 2) the facility was replaced before the end of its useful life.

TRUE: The facility did not replace a previously certified facility.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **6/14/1999**, construction was completed on **10/14/2001**, and the Department received the application on **12/21/2001**.

Facility Cost

Claimed Cost	\$500,737
Eligible Cost	\$500,737

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: Sulfuric acid is a usable commodity.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 10 years. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: The claimed facility purifies approximately 430,000 pounds of sulfuric acid per year. This amounts to annual savings of \$212,023. The savings was considered in the ROI calculation along with the annual operating expenses of \$190,554.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant stated the facility and site are in compliance with Department rules and statutes and with EQC orders. The following permits have been issued to the site:

NPDES Cooling Towers Permit no. 100J issued January 31, 1997

NPDES Filter backwash Permit no. 200J issued January 7, 1998

NPDES Storm water Permit no. 1200Z issued August 11, 1997

ACDP Permit no. 02-0005 issued January 28, 2000

Indirect Source (AQ, parking) Permit no. 02-7010 issued March 25, 1997

City of Corvallis Industrial Wastewater Discharge Permit No. 4, issued on August 8, 1999

Three Pollution Control Facilities Certificates have been issued to the applicant at this location.

Reviewers: Dennis Cartier, PBS Engineering and Environmental
Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6347
Facility Cost	\$29,778
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

Three Envipco reverse vending machines:

One CFP 1500, Serial # 51233

One CFG 1500, Serial # 40970

One CFM 1500, Serial # 31634

The applicant is the **Owner/Operator** of the
facility located at:

**Ray's #48
190 Emerald Parkway
Creswell, OR 97426**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Ray's retail customers. One of the machines recycles plastic, one glass and one aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
ORS 468.165 (6) and
OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	12/20/2000
<i>Facility Placed into Operation</i>	12/20/2000
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day, which is approximately 97 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
ORS 468.155
(1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **12/20/2000**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,778
Eligible Cost	\$29,778

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,778** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6348
Facility Cost	\$29,358
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-0961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**Three Envipco reverse vending machines,
Model CFM 1500, serial #'s 31632,
61633, and 31637.**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1627
3930 SE Powell Blvd
Portland, OR 97202**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. All three of the machines recycle aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	12/31/2000
<i>Facility Placed into Operation</i>	12/31/2000
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a) **TRUE:** The facility reduces an average of 231 pounds per day, or 42 tons a year of aluminum from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **12/31/2000**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,358
Eligible Cost	\$29,358

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,358** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6349
Facility Cost	\$29,988
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

Three Envipco reverse vending machines:

One CFP 1500, Serial # 61234

Two CFG 1500, Serial #'s 40969, 40978

The applicant is the **Owner/Operator** of the facility located at:

**Safeway #1627
3930 SE Powell Blvd
Portland, OR 97202**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles plastic, and two recycle glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
ORS 468.165 (6) and
OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	12/31/2000
<i>Facility Placed into Operation</i>	12/31/2000
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic and 407 pounds of glass material per machine per day, equaling approximately 157 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
ORS 468.155
(1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386

TRUE: Plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic and glass containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
ORS 468.173(1)

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **12/31/2000**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,988
Eligible Cost	\$29,988

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,988** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors

Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6350
Facility Cost	\$29,358
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**Three Envipco reverse vending machines,
Model CFM 1500, Serial #'s 31636,
31647, 31650**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1766
2740 South 6th
Klamath Falls, OR 97603**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. All three of the machines recycle aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	12/31/2000
<i>Facility Placed into Operation</i>	12/31/2000
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-
 0060(2)(a)

TRUE: The facility reduces an average of 231 pounds of aluminum per day or 42 tons a year from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
ORS 468.173(1)

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **12/31/2000**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,358
Eligible Cost	\$29,358

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,358** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6351
Facility Cost	\$29,988
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**Three Envipco reverse vending machines:
One CFP 1500, Serial # 51237
Two CFG 1500, Serial #'s 40966 and
40971**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1766
2740 South 6th
Klamath Falls, OR 97603**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles plastic and two recycle glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	12/31/2000
<i>Facility Placed into Operation</i>	12/31/2000
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic and 814 pounds of glass material per day, which is approximately 157 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic and glass containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **12/31/2000**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,988
Eligible Cost	\$29,988

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,988** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6352
Facility Cost	\$39,144
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**Four Envipco reverse vending machines,
Model CFM 1500, Serial #'s 31631,
31639, 31640, 31652**

The applicant is the **Owner/Operator** of the
facility located at:

**Winco #44
251 Barrett Road
Medford, OR 97501**

Technical Information

The applicant claimed four reverse-vending machines used to redeem recyclable beverage containers directly from Winco's retail customers. All four of the machines recycle aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	1/8/2001
<i>Facility Placed into Operation</i>	1/8/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-
 0060(2)(a)

TRUE: The facility reduces an average of 308 pounds of aluminum per day, or 56 tons a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
ORS 468.173(1)

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **1/8/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$39,144
Eligible Cost	\$39,144

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$39,144** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6353
Facility Cost	\$29,568
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**Three Envipco reverse vending machines:
One CFG 1500, Serial # 40973
Two CFM 1500, Serial #'s 31638 and
31642**

The applicant is the **Owner/Operator** of the
facility located at:

**Albertson's #505
5415 SW Beaverton Hillsdale Hwy
Portland, OR 97221**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Albertson's retail customers. One of the machines recycles glass and two recycle aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	1/11/2001
<i>Facility Placed into Operation</i>	1/11/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 154 pounds of aluminum and 407 pounds of glass material per day, which is approximately 162 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

(B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **1/11/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,568
Eligible Cost	\$29,568

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,568** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6354
Facility Cost	\$9,996
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**One Envipco reverse vending machine,
Model CFG 1500, Serial # 40974**

The applicant is the **Owner/Operator** of the
facility located at:

**Albertsons #505
5415 SW Beaverton Hillsdale Hwy
Portland, OR 97221**

Technical Information

The applicant claimed one reverse-vending machine used to redeem recyclable beverage containers directly from Albertson's retail customers. The machine recycles glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	2/21/2001
<i>Facility Placed into Operation</i>	2/21/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 407 pounds of glass material per day, or 74 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable glass containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
ORS 468.173(1)

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **2/21/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$9,996
Eligible Cost	\$9,996

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$9,996** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors

Recommendation: **Approve**

Applicant **Container Recovery, Inc.**

Application No. **6355**

Facility Cost **\$39,984**

Percentage Allocable **100%**

Maximum Tax Credit **50%**

Certificate Period **5 years**

Facility Identification

The certificate will identify the facility as:

Four Envipco reverse vending machines:

**Two CFP 1500, Serial #'s 51230 and
51239**

**Two CFG 1500, Serial #'s 40961 and
40976**

The applicant is the **Owner/Operator** of the
facility located at:

**Winco #44
251 Barrett Road
Medford, OR 97501**

Technical Information

The applicant claimed four reverse-vending machines used to redeem recyclable beverage containers directly from Winco's retail customers. Two of the machines recycle plastic, and two recycle glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	1/8/2001
<i>Facility Placed into Operation</i>	1/8/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a) **TRUE:** The facility reduces an average of 100 pounds of plastic and 814 pounds of glass material per day, which is approximately 166 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic and glass containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **1/8/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$39,984
Eligible Cost	\$39,984

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$39,984** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6356
Facility Cost	\$29,778
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

Three Envipco reverse vending machines:

One CFP 1500, Serial # 51246

One CFG 1500, Serial # 40985

One CFM 1500, Serial # 31677

The applicant is the **Owner/Operator** of the facility located at:

**Ray's #41
210 SW Sentry Drive
Bend, OR 97702**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Ray's retail customers. One of the machines recycles plastic, one glass and one aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2000
<i>Construction Completed</i>	1/27/2001
<i>Facility Placed into Operation</i>	1/27/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day, which is approximately 97 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **12/31/2000**, construction was completed on **1/27/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,778
Eligible Cost	\$29,778

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,778** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors

Recommendation: **Approve**
Applicant **Container Recovery, Inc.**
Application No. **6357**
Facility Cost **\$49,350**
Percentage Allocable **100%**
Maximum Tax Credit **50%**
Certificate Period **5 years**

Facility Identification

The certificate will identify the facility as:

Five Envipco reverse vending machines:

One CFP 1500, Serial # 51251

One CFG 1500, Serial # 40990

**Three CFM 1500, Serial #'s 31669,
31666, 31673**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1800
20685 SW Roy Rogers Rd
Sherwood, OR 97140**

Technical Information

The applicant claimed five reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles plastic, one glass and three aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2000
<i>Construction Completed</i>	1/31/2001
<i>Facility Placed into Operation</i>	1/31/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic, 231 pounds of aluminum and 407 pounds of glass material per day, which is approximately 125 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

(B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **12/31/2000**, construction was completed on **1/31/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$49,350
Eligible Cost	\$49,350

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$49,350** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits:

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6358
Facility Cost	\$9,996
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**One Envipco reverse vending machine,
Model CFG 1500, Serial # 40975**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1800
20685 SW Roy Rogers Rd
Sherwood, OR 97140**

Technical Information

The applicant claimed one reverse-vending machine used to redeem recyclable beverage containers directly from Safeway's retail customers. The machine recycles glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	1/31/2001
<i>Facility Placed into Operation</i>	1/31/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 407 pounds of glass material per day, or 74 tons a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable glass containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **1/31/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$9,996
Eligible Cost	\$9,996

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$9,996** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6359
Facility Cost	\$29,778
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

Three Envipco reverse vending machines:

One CFP 1500, Serial # 51247

One CFG 1500, Serial # 40983

One CFM 1500, Serial # 31683

The applicant is the **Owner/Operator** of the facility located at:

**PC Market of Choice
1475 Ashland Street
Ashland, OR 97520**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from PC Market of Choice's retail customers. One of the machines recycles plastic, one glass and one aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2000
<i>Construction Completed</i>	2/2/2001
<i>Facility Placed into Operation</i>	2/2/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic, 77 pounds of aluminum and 407 pounds of glass material per machine per day, which is approximately 97 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

(B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1) **TRUE:** Construction of the facility commenced on **12/31/2000**, construction was completed on **2/2/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,778
Eligible Cost	\$29,778

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,778** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site.. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6360
Facility Cost	\$19,992
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**Two Envipco reverse vending machines,
Model CFG 1500, Serial #'s 40989 and
40984**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #311
5415 Main Street
Springfield, OR 97477**

Technical Information

The applicant claimed two reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. Both of the machines recycle glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2000
<i>Construction Completed</i>	2/9/2001
<i>Facility Placed into Operation</i>	2/9/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a) **TRUE:** The facility reduces an average of 814 pounds of glass material per day, or 148 tons a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **12/31/2000**, construction was completed on **2/9/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$19,992
Eligible Cost	\$19,992

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$19,992** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6361
Facility Cost	\$39,354
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

Four Envipco reverse vending machines:

One CFP 1500, Serial # 51250

**Three CFM 1500, Serial #'s 31622,
31672, 31664**

The applicant is the **Owner/Operator** of the facility located at:

**Safeway #311
5415 Main Street
Springfield, OR 97477**

Technical Information

The applicant claimed four reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles plastic, and three recycle aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2000
<i>Construction Completed</i>	2/5/2001
<i>Facility Placed into Operation</i>	2/5/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 50 pounds of plastic and 231 pounds of aluminum per day, or 51 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **12/31/2000**, construction was completed on **2/5/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$39,354
Eligible Cost	\$39,354

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$39,354** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6362
Facility Cost	\$29,358
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

**Three Envipco reverse vending machines,
Model CFM 1500, Serial #'s 31671,
61663, 31678**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1710
1740 Main Street
Sweet Home, OR 97386**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. All three of the machines recycle aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2000
<i>Construction Completed</i>	2/28/2001
<i>Facility Placed into Operation</i>	2/28/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 231 pounds of aluminum, or 42 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **12/31/2000**, construction was completed on **2/28/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,358
Eligible Cost	\$29,358

Copies of invoices report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,358** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified one other facility at this location, October 2002, for one Envipco Model CFP 1500 reverse vending machine, Serial # 050859.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6363
Facility Cost	\$29,988
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

Three Envipco reverse vending machines:

One CFP 1500, Serial # 51238

**Two CFG 1500, Serial #'s 40965 and
40967**

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #1710
1740 Main Street
Sweet Home, OR 97386**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles plastic, and two recycle glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/29/2000
<i>Construction Completed</i>	2/28/2001
<i>Facility Placed into Operation</i>	2/28/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a) **TRUE:** The facility reduces an average of 50 pounds of plastic and 814 pounds of glass material per day, or 157 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

(B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic and glass containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **9/29/2000**, construction was completed on **2/28/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,988
Eligible Cost	\$29,988

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,988** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified one other facility at this location, October 2002, for one Envipco Model CFP 1500 reverse vending machine, Serial # 050859.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6364
Facility Cost	\$19,992
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

Two Envipco reverse vending machines:

One CFP 1500, Serial # 51310

One CFG 1500, Serial # 40917

The applicant is the **Owner/Operator** of the facility located at:

**Ray's #50
48067 Hwy 58
Oakridge, OR 97463**

Technical Information

The applicant claimed two reverse-vending machines used to redeem recyclable beverage containers directly from Ray's retail customers. One of the machines recycles plastic, and one recycles glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	6/29/2001
<i>Construction Completed</i>	7/17/2001
<i>Facility Placed into Operation</i>	7/17/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-
 0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic and 407 pounds of glass material per day, or 83 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

(B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic, glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **6/29/2001**, construction was completed on **7/17/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$19,992
Eligible Cost	\$19,992

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$19,992** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6365
Facility Cost	\$19,992
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery Final Certification

ORS 468.150 – 468.190
OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**
Business: **Collection and processing of
recyclable containers**
Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

**Two Envipco reverse vending machines:
One CFP 1500, Serial # 51305
One CFG 1500, Serial # 41015**

The applicant is the **Owner/Operator** of the facility located at:

**Safeway #1094
1891 Pioneer Parkway East
Springfield, OR 97477**

Technical Information

The applicant claimed two reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles plastic, and one recycles glass. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	6/29/2001
<i>Construction Completed</i>	8/7/2001
<i>Facility Placed into Operation</i>	8/7/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 50 pounds of plastic and 407 pounds of glass material per day, or 83 tons of recyclable containers per year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic and glass containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
 ORS 468.173(1)
 OAR 340-016-0007

TRUE: Construction of the facility was completed on **8/7/2001** and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$19,992
Eligible Cost	\$19,992

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$19,992** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors

Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6366
Facility Cost	\$39,354
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Facility Identification

The certificate will identify the facility as:

Four Envipco reverse vending machines:

One CFG 1500, Serial # 40992

**Three CFM 1500, Serial #'s 31670,
31660, 31679**

The applicant is the **Owner/Operator** of the facility located at:

Safeway #1094

**1891 Pioneer Parkway East
Springfield, OR 97477**

Technical Information

The applicant claimed four reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles glass, and three recycle aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing
 ORS 468.165 (6) and
 OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	12/31/2000
<i>Construction Completed</i>	8/7/2001
<i>Facility Placed into Operation</i>	8/7/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary
 ORS 468.155
 (1)(a)(B)
 OAR 340-016-
 0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

TRUE: The facility reduces an average of 231 pounds of aluminum and 407 pounds of glass material per day, or 116 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method
 ORS 468.155
 (1)(b)(D)

The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Aluminum and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **12/31/2000**, construction was completed on **8/7/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$39,354
Eligible Cost	\$39,354

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$39,354** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Directors

Recommendation: **Approve**

Applicant **Container Recovery, Inc.**

Application No. **6367**

Facility Cost **\$29,778**

Percentage Allocable **100%**

Maximum Tax Credit **50%**

Certificate Period **5 years**

Facility Identification

The certificate will identify the facility as:

Three Envipco reverse vending machines:

**Two CFG 1500, Serial #'s 40944 and
40849**

One CFM 1500, Serial # 31590

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #420
1500 Coburg Rd
Eugene, OR 97401**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. Two of the machines recycle glass and one recycles aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	7/31/2000
<i>Construction Completed</i>	9/2/2001
<i>Facility Placed into Operation</i>	9/2/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
 ORS 468.155
 (1)(a)(B)

OAR 340-016-0060(2)(a)

TRUE: The facility reduces an average of 77 pounds of aluminum and 814 pounds of glass material per day, or 162 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
 ORS 468.155
 (1)(b)(D)

TRUE: Aluminum and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable glass and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **7/31/2000**, construction was completed on **9/2/2001**, and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,778
Eligible Cost	\$29,778

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,778** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Container Recovery, Inc.
Application No.	6368
Facility Cost	\$29,778
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Collection and processing of
recyclable containers**

Taxpayer ID: **93-1961383**

The applicant's address is:

**3900 NW Yeon Ave
Portland, OR 97210**

Facility Identification

The certificate will identify the facility as:

Three Envipco reverse vending machines:

**Two CFP 1500, Serial #'s 51309 and
51303**

One CFM 1500, Serial # 31676

The applicant is the **Owner/Operator** of the
facility located at:

**Safeway #420
1500 Coburg Rd
Eugene, OR 97401**

Technical Information

The applicant claimed three reverse-vending machines used to redeem recyclable beverage containers directly from Safeway's retail customers. One of the machines recycles plastic, one glass and one aluminum. Prior to the installation of the facility, recyclable containers were accepted on a limited basis by the retailer. The reverse-vending machines allow customers to recycle containers around the clock, which makes it more convenient to recycle. The reverse-vending machines can also be programmed to accept non-deposit containers which may have been omitted from the recycling flow prior to their utilization. The applicant removes the recycled containers from the machines and delivers the recyclable material to recycling mills, where it is converted into products of real economic value.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed, if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	6/29/2001
<i>Construction Completed</i>	9/2/2001
<i>Facility Placed into Operation</i>	9/2/2001
<i>Application Filed</i>	11/13/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.
ORS 468.155
(1)(a)(B)
OAR 340-016-

0060(2)(a) **TRUE:** The facility reduces an average of 100 pounds of plastic and 77 pounds of aluminum per day, or 32 tons of recyclable containers a year, from possibly being sent to landfill by making recycling more convenient for retail customers. The amount of containers recycled is considered substantial compared to the previous control, where containers were counted manually by the retailer on a limited basis.

Method The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.
ORS 468.155
(1)(b)(D)

TRUE: Aluminum, plastic and glass containers meet the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

(A) Have useful chemical or physical properties and which may be used for the same or other purposes; or

(B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility collects recyclable plastic and aluminum containers. The recovered material is used in a competitive end product with similar properties. The reverse-vending machines facilitate the pre-segregating of the material.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **9/2/2001** and the Department received the application on **11/13/2002**.

Facility Cost

Claimed Cost	\$29,778
Eligible Cost	\$29,778

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$29,778** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Centennial Bank
Application No.	6371
Facility Cost	\$174,258
Percentage Allocable	100%
Maximum Tax Credit	35%
Certificate Period	5 years

Tax Credit Review Report

Pollution Control Facility: Material Recovery

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Financial Institution**

Taxpayer ID: **93-068117**

The applicant's address is:

**c/o Dooling Lease Management Corp
6400 SW Corbett Ave
Portland, OR 97239**

Facility Identification

The certificate will identify the facility as:

**One 1981 Model 1950 International Truck,
VIN #1HTD11259BCA15904**

**One 1991 Model 4700 International Truck,
VIN #1HTSLNEL5MH337046**

**One 2000 Model 4900 International Truck,
VIN #1HTSDADN6YH247838**

The applicant is the **Lessor/Non-operator** of
the facility located at:

**Canby Disposal Company
9602 SE Clackamas Road
Clackamas, OR 97015**

Technical Information

The applicant claimed three trucks used to collect residential curbside recyclables, yard debris and commercial recyclables. With the new program of co-mingled recycling, participation has increased. A county-wide year debris program was also added to the urban areas of Clackamas County. Prior to this program, yard debris was usually disposed of as garbage. These added features of the recycling program necessitated the need for more trucks. The addition of this facility has increased the amount of recyclables diverted from landfill by about 30%, or 1200 tons a year.

Eligibility

Timely Filing
ORS 468.165 (6) The application must be filed within one year of the date that construction of the facility was completed, if construction was completed on or after January 1, 2002.

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	9/26/2002
<i>Construction Completed</i>	9/26/2002
<i>Facility Placed into Operation</i>	9/26/2002
<i>Application Filed</i>	11/18/2002

Purpose: Voluntary
ORS 468.155
(1)(a)(B) The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of solid waste, hazardous waste; or used oil.

OAR 340-016-0060(2)(a) **TRUE:** The facility reduces a substantial quantity of solid waste because it diverts residential curbside recyclables, yard debris and commercial recyclables from being sent to landfill. The recyclable material and yard debris is considered substantial compared to the previous recycling program. This program increased recycling by 30% by offering co-mingled recycling and extending the yard debris pick up service which necessitated the purchase of the extra trucks.

Method
ORS 468.155
(1)(b)(D) The prevention, control, or reduction must be accomplished by the use of a material recovery process which obtains useful material from material that would otherwise be **solid waste** as defined in ORS 459.005: All useless or discarded putrescible and non-putrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials, discarded or abandoned vehicles or parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386.

TRUE: Glass, aluminum and paper recyclable material meets the definition of solid waste as defined in ORS 459.005.

OAR 340-016-0010(7) The facility produces an end product of utilization that is an item of real economic value and is competitive with an end product produced in another state.

OAR 340-016-0060(4)(e) The facility shall produce the end product by mechanical processing, chemical processing; or through the production, processing, pre-segregation, or use of materials which:

- (A) Have useful chemical or physical properties and which may be used for the same or other purposes; or
- (B) May be used in the same kind of application as its prior use without change in identity.

TRUE: The facility obtains recyclable material, including paper, aluminum and glass from residential and commercial recyclers as well as yard debris. The recyclable material is used in making competitive products with similar properties. The yard debris is composted for mulch.

Maximum Credit The maximum tax credit available to the applicant is **35%** if the application was filed between January 1, 2002 and December 31, 2008, inclusively; and
 ORS 468.173(3)(d) construction of the facility commenced on or after January 1, 2001 and
 ORS 468.170(10) construction was completed on or after January 1, 2002; and the facility is used
 ORS 468.165(6) for material recovery or recycling, as those terms are defined in ORS 459.005.

TRUE: Construction of the facility commenced on **9/26/2002**, construction was completed on **9/26/2002**, and the Department received the application on **11/18/2002**.

Facility Cost

Claimed Cost	\$174,258
Eligible Cost	\$174,258

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities. The revenue was considered in the ROI calculation.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 5 years. The facility does not have a positive cash flow. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the site. The EQC certified no other facilities at this location.

Reviewers: Maggie Vandehey, DEQ

APPROVALS: Nonpoint Source Pollution Control Facilities

The Department recommends that the Environmental Quality Commission (Commission) approve the certification of 3 nonpoint source pollution control facilities. Their certification could reduce taxes paid to the State of Oregon by a maximum of \$75,143.

Wood Chipper

Chipping woody debris is specifically listed under OAR 340-016-0060 (4)(h)(D) as accomplishing the reduction of a significant amount of nonpoint source (NPS) pollution. Wood chippers have the sole purpose of reducing air pollution as provided under ORS 468.155(2).

The Commission adopted OAR 340-016-0009 on October 4, 2002 to delegate the certification of wood chippers to the Department. The rule provides that the Department may defer any wood chipper to the Commission. The Department elects to defer application number 5702 to the Commission because the applicant is directly involved with the tax credit program. Department staff, outside of the tax credit program, developed the Review Report. The Oregon Department of Justice (DOJ) reviewed the report, the application, and information about the tax credit program; they concur with the Department's recommendation.

Documented Research

The Commission determined that any facility that is effective in reducing nonpoint source pollution as documented by Oregon State University, Agricultural Experiment Station, may qualify for the Pollution Control Tax Credit under OAR 340-016-0060 (4)(h)(B)(i).

Madison Farms and 4M Ranch, Inc. claimed equipment used to direct-seed their crops. The technology is documented in the Direct Seed Tillage Handbook co-produced by Oregon State University. The cover page of this handbook and a letters from Agronomists are attached to applications 6169 and 6217.

Summary of NPS Pollution Control Facilities

App #	Applicant	Facility Cost	% Allocable	Maximum Tax Credit	EQC Action
5702	Ed & Maggie Vandehey	\$2,820	100%	50%	
6169	4M Ranch, Inc.	\$215,000	100%	50% & 35%	
6217	Madison Farms	\$19,000	100%	35%	

3Apps	Sum:	\$236,820
	Average	78,940
	Minimum	2,820
	Maximum	\$ 215,000



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Director's Recommendation:	Approve
Applicant	Ed & Maggie Vandehey
Application No.	5702
Facility Cost	\$2,820
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	1 year

Pollution Control Facility: NPS

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **Individual**

The applicant's address is:

**620 SW 238th Avenue
Hillsboro, OR 97124**

Facility Identification

The applicant identified the facility as:

**BearCat Chipper, PTO Model 73454, Serial
100312, 4" capacity**

The applicant is the owner of the **mobile** facility
garaged at:

**9800 NW Old Cornelius Pass Road
Hillsboro, OR 97124**

Eligibility

ORS 468.155 (1)(a)(B) The **sole purpose** of this **new equipment** is to reduce a substantial quantity of nonpoint source pollution.

ORS 468.155 (2)(b) OAR 340-016-0060 (4)(h)(C) The **nonpoint source pollution reduction** is accomplished by the use of a wood chipper to reduce openly burned woody debris.

ORS 468.173 (3) The maximum tax credit available to the applicant is **50%** because the wood chipper was purchased before January 1, 2002.

Timeliness of Application

The application was submitted within the timing requirements of ORS 468.165 (6).

Purchase Date

09/29/2001

Application Received

10/04/2001

Facility Cost

Claimed Cost	<u>\$2,820</u>
Eligible Cost	\$2,820

An invoice substantiated the facility cost.

Facility Cost Allocable to Pollution Control

The only factor used in determining that **100%** of the cost of the wood chipper is allocable to air pollution control is the percentage of time the facility is used for pollution control.

Compliance and Other Tax Credits

The facility is in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the applicant at this location. No other tax credits have been issued to the applicant.

Reviewer: Barrett MacDougall, DEQ
DOJ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: NPS

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Dryland wheat and barley
farm**

Taxpayer ID: **93-0640413**

The applicant's address is:

**68700 Hwy 207
Lexington, OR 97839**

Technical Information

The applicant manages 5,546 acres of wheat annually. The purchased equipment is a tractor and no-till drill used to reduce tillage in dry land wheat production, saving soil from water and wind erosion, which is amplified each time the soil is disturbed. The previous equipment required in excess of 1,200 hours of tractor time logged in the seven to nine passes required for fertilization and seeding. The new equipment has reduced tractor time to 286 hours with one pass accomplishing fertilization and seeding. By using the new equipment to save soil moisture, the applicant can now harvest a wheat crop annually instead of bi-annually.

Directors
Recommendation: **Approve**
Applicant **4M Ranch, Inc.**
Application No. **6169**

Air Drill
Facility Cost **\$80,500**
Percentage Allocable **100%**
Maximum Tax Credit **50%**

Tractor
Facility Cost **\$134,500**
Percentage Allocable **57%**
Maximum Tax Credit **35%**

Certificate Period **7 years**

Facility Identification

The certificate will identify the facility as:

**Flexi Coil Model 2340 air cart, serial #
102816 with Flexi Coil Model 5000, 57" air
drill, serial # 106001; Case IH 9380Q
Track Tractor, serial # JEE0074014**

The applicant is the Owner/Operator of the
facility located at:

**68700 Hwy 207
Lexington, OR 97839**

The applicant manages the following farms and will use the drill and tractor on the acreage listed in the table below.

Owner of Land	Acreage	FSA #
4M Ranch	700	190
Pat Martin	451	189
Martin Estate	131	188
Mike Healy & Sheila Munkers	404	187
Roy Martin	874	186
Berry, Berry, Evans & Landresae	2246	185
Juanita Martin	740	184

Eligibility

ORS 468.155 (2)(b) The **principal purpose** of the new **tractor and air drill** is to reduce or control significant amounts of nonpoint source pollution.

ORS 468.155 (2) OAR 340-016-0060(4)(h)(B)(i) This equipment is used to reduce and control significant amounts of **nonpoint source pollution** as determined by the EQC and documented by supporting research from the Oregon State University Agricultural Experiment Station. The use of a no-till planter on irrigated land greatly reduces the risk of wind and water erosion of the soil by retaining plant residue on the soil's surface. Increased plant residue means more water in the soil and less sediment in the river, as well as more carbon storage and increased organic matter levels. Carbon storage means better soil tilth and less greenhouse gasses. L.K. Lutcher, Extension Agronomist for Oregon State University in Morrow County provided documentation on the applicant's behalf.

ORS 315.304 OAR 340-016-0009 Air Drill: The maximum tax credit available to the applicant for the air drill is **50%** because the applicant purchased and took possession of it prior to January 1, 2002.

ORS 468.173(3) Tractor: The maximum tax credit available to the applicant for the tractor is **35%** because the equipment was purchased after January 1, 2002. Nonpoint source pollution control facilities are specifically listed under the maximum 35% tax credit.

Timeliness of Application

The applicant submitted the application within the one-year filing period of the 2001 edition of ORS 468.165 (6). The applicant rented the tractor prior to purchasing it to determine if it would meet their farming needs.

<u>Air Drill:</u>	<i>Construction Started</i>	07/19/2001
	<i>Construction Completed</i>	07/19/2001
	<i>Facility Placed into Operation</i>	09/01/2001
<u>Tractor:</u>	<i>Construction Started</i>	03/29/2002
	<i>Construction Completed</i>	03/29/2002
	<i>Facility Placed into Operation</i>	09/01/2001
	<i>Application Received</i>	05/20/2002

Facility Cost

	<u>Eligible</u>	<u>Balance</u>
Tractor	\$159,500	
Trade-in value of previous tractor	(\$25,000)	\$134,500
Drill	\$80,500	\$80,500
Eligible Cost		\$215,000

Copies of financing documents and agreements substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of air drill and **57%** of the tractor cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	No salable or usable commodities.
ORS 468.190(1)(b) Return on Investment	The useful life of the facility used for the return on investment consideration is 7 years. The applicant claimed the cost savings in their consideration of the return on investment of the claimed facility. When calculated according to rule, the percent allocable to pollution control is 100%
ORS 468.190(1)(c) Alternative Methods	No alternative methods were considered.
ORS 468.190(1)(d) Savings or Increase in Costs	The applicant claimed a decrease in operating expenses of \$41,773 due to the reduction in the number of trips made over the ground as compared to the previous method. This amount was considered in the return on investment calculation.

ORS 468.190(1)(e) Other Relevant
Factors

The applicant stated they may use the tractor 43% of the time for spraying. The percentage was based on the spray cart's rated acres per hour. The drill is used exclusively for pollution control.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. No DEQ permits or tax credit certificates have been issued to the applicant.

Reviewers: Maggie Vandehey, DEQ

November 20, 2002

Ms. Maggie Vandehey
Tax Credit Manager
Department of Environmental Quality

Dear Ms. Vandehey:

I am writing this letter on behalf of Mr. Tom Martin of the 4M Ranch in Lexington, Oregon. Mr. Martin and I spoke on the phone (November 19th) and he asked me, during the conversation, to provide you with an explanation of the effects of a no-till cropping system on non-point source pollution. An explanation of these "effects" is described in the following paragraphs of this letter.

A no-till cropping system, which is a reduced tillage cropping system, requires use of no-till seeding equipment (a drill and tractor of adequate horsepower). Utilization of this kind of cropping system can reduce non-point source pollution by: (1) improving aggregate stability of the soil, (2) maintaining surface residue, and (3) increasing nutrient-use efficiency.

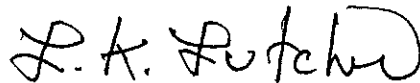
Aggregate stability, which occurs when soil particles bind together, is facilitated by reduced tillage. Particles that bind together form larger and heavier structural units. The weight of these structural units and the forces that bind them together resist erosion by wind and water. The result is less potential for off-site transport of soil and attached organic or inorganic chemical compounds.

The ability to maintain surface residue (residue from the previous year's crop) is enhanced by utilization of a no-till cropping system. Surface residue enhances aggregate stability and often times provides a physical barrier to wind currents (wind erosion). Residues also are capable of absorbing water and they, over time, will improve water infiltration rates (the soil's ability to absorb water). Maintaining surface residue reduces the potential for soil transport to off-site areas.

Non-point source pollution can be reduced by increasing nutrient-use efficiency (utilization of nutrients by the growing crop). No till drills, which have the ability to place fertilizer in close proximity to the seed, can increase nutrient-use efficiency because *early-season* uptake by developing primary and secondary roots is improved. Optimum early-season growth and development is better for the crop, from a nutritional standpoint, but it also has a tendency to increase biomass. In other words the crop produces more vegetative tissue. More biomass (e.g., bigger wheat) reduces erosion as well.

Please feel free to contact my if you have questions.

Sincerely,



L.K. Lutch
Agronomist, Ph.D.
Morrow County Extension Office
Oregon State University
541-676-9642



OREGON
STATE
UNIVERSITY

120 S. Main
PO Box 397
Heppner, Oregon
97836

Telephone
541-676-9642

Fax
541-676-5451



Agriculture, Home Economics, 4-H Youth, Forestry, Community Development, Energy, and Extension Sea Grant Programs, Oregon State University, United States Department of Agriculture, and Morrow county cooperating. The Extension Service offers its programs and materials equally to all people.

United States Department of Agriculture



NRCS Natural
Resources
Conservation
Service

P.O. Box 127
Heppner, OR 97836

Phone: (541) 676-5021
Fax: (541) 676-9624

Subject: Conservation Tax Credit

Date: November 19,
2002

To: Maggie Vandehey, DEQ Tax Credit
Manager

File Code:

To Whom It May Concern:

The use of No-Till Drills in any Cropping Sequence i.e. Annual Cropping, Chem-Fallow, etc., can reduce Non Point Source Pollution that is typical for the dryland cropping area in the Columbia Basin Plateau. The use of No-Till Drills can reduce Wind and Water erosion to scientifically sustainable levels, this will have a positive impact on water quality that may be affected by wind or water erosion.

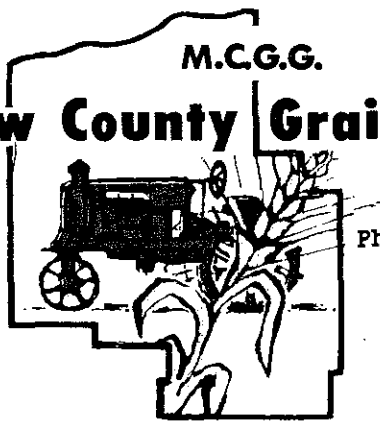
Typically larger horsepower tractors are needed to pull these No-ill Drills as compared to conventional tillage systems that utilize smaller horsepower tractors, but require 5-7 "passes" over a field compared to a No-Till system that accomplishes all the tillage needed in one pass.

R. Jay Gibbs
Basin Team Leader, John Day / Umatilla Basin

M.C.G.G.
Morrow County Grain Growers INC.

P. O. Box 367
Lexington, Oregon 97839

Ph. 989-8221 • 1(800) 452-7396



November 20, 2002

Ms. Maggie Vandehey
Tax Credit Manager
Department of Environmental Quality

Dear Ms. Vandehey

I am writing this letter on behalf of Tom Martin and 4M Ranches regarding their acquisition of No-Till equipment and how it will affect Non-point source pollution in their farming operation.

One of the strategies behind No-Till farming is that it reduces the number of mechanical tillage operations. By reducing tillage we reduce soil disturbance keeping more crop residue on the soil surface and lessening the chance of soil run off or wind erosion. Less tillage also benefits organic makeup and tilth of the soil.

A second strategy supporting No-till Farming and its positive effect on Non-point source pollution is the efficient use of crop nutrients. We are able to use accurate placement of crop nutrients to allow for better plant uptake as well as less overall usage. Better plant utilization and less product applied decreases the chance of leaching through the effective rooting zone and the potential of the crop nutrient being lost as a pollutant.

A one-pass operation similar to No-till Farming requires heavier duty equipment that is generally larger in scale. With this in mind, updating the power source that pulls these implements is also very important. 4M Ranches updated from a wheel-type tractor to a track-type tractor in their No-till operation. In doing this they effectively reduced ground disturbance by the tractor, which means less pulverized and compacted soil also reducing soil erosion.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Bink Ramos'.

Bink Ramos
Certified Agronomist
Morrow County Grain Growers
541-422-7289



Pacific Northwest Conservation Tillage Systems Information Source
Direct Seed Tillage Handbook

PNW Tillage Handbook

- Chapter 1
- Chapter 2
- Chapter 3
- Chapter 4
- Chapter 5
- Chapter 6
- Chapter 7
- Chapter 8
- Chapter 9
- Chapter 10

Direct Seed Conferences

Direct Seed Newsletters

Resource Directories

Grower Case Studies

Direct Seed List Server

STEEP Research Reports

**Wind Erosion /
Air Quality Project**

On-Farm Testing

Coming Events

Resource Links

Search Our Site

Direct Seed Association

Home

Overview:

The increasing success of conservation farming systems throughout the Northwest is largely to the development and grower adaptation of new crop management technology. Producers and Ag support personnel are realizing the importance of keeping up to date on conservation systems research in order to develop and maintain successful conservation farming systems. The *Pacific Northwest Conservation Farming Handbook* a publication that provides the principle source of information on new research developments on conservation farming systems in the region.

Table of Contents

- [Chapter 1](#) - Soil Erosion Impacts on Productivity
- [Chapter 2](#) - Conservation Tillage Systems and Equipment
- [Chapter 3](#) - Residue Management Considerations
- [Chapter 4](#) - Plant Disease Management Strategies
- [Chapter 5](#) - Weed Control Strategies
- [Chapter 6](#) - Fertility Management/Fertilizer Application
- [Chapter 7](#) - Plant Development and Ground Cover Guides
- [Chapter 8](#) - Variety Development, Alternate Crops and Insect Management
- [Chapter 9](#) - Erosion Control on Irrigated Cropland
- [Chapter 10](#) - Economics and Application of New Technology

Contact us: [STEEP](#) 208-885-6386, Fax 208-885-7760 | [Accessibility](#) | [Copyright](#) | [Policies](#)
Roger Veseth, WSU/UI Extension Tillage Specialist, Plant Soil and Entomological Sciences Dept. University of Idaho 83844-2339 USA, Redesigned/Maintained by [Leila Siyer](#), CAHE Computer Resource Unit



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: NPS

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **Partnership**

Business: **Farming**

Taxpayer ID: **93-0840115**

The applicant's address is:

**29299 Madison Road
Echo, OR 97826**

Technical Information

The applicant claimed an 8-row no-till planter with unit-mounted coulter blades and row-cleaning wheels. The applicant manages 7,000 acres under irrigated production, approximately 800-1,000 acres are no-till drilled annually. (The acreage is identified on the attached maps.) Before purchasing the no-till planter, the applicant tilled the fields twice to prepare for planting corn, wheat, alfalfa, peas, potatoes and canola on their farm in Umatilla County. Tillage caused wind and water erosion of the soil. The no-till planter provides one-pass planting without any ground tillage while preserving plant residue on the soil's surface. This results in less soil erosion.

Director's Recommendation:	Approve
Applicant	Madison Farms
Application No.	6217
Facility Cost	\$19,000
Percentage Allocable	100%
Maximum Tax Credit	35%
Useful Life	10 years

Facility Identification

The certificate will identify the facility as:

John Deere 1700 No Till Drill, Model JH-6855 Serial # A01700R690830

The applicant is the Owner/Operator of the facility located at:

**29299 Madison Road
Echo, OR 97826**

Eligibility

ORS 468.155 (2)(a) The **sole purpose** of the new **equipment** is to prevent, control, or reduce a substantial quantity of **nonpoint source pollution**.

ORS 468.155 (2)

OAR 340-016-0060(4)(h)(B)(i) This equipment is used to reduce and control significant amounts of **nonpoint source pollution** as determined by the EQC and documented by supporting research from the Oregon State University Agricultural Experiment Station. The use of a no-till planter on irrigated land greatly reduces the risk of wind and water erosion of the soil by retaining plant residue on the soil's surface. Increased plant residue means more water in the soil and less sediment in the river, as well as more carbon storage and increased organic matter levels. Carbon storage means better soil tilth and less greenhouse gasses. Donald Horneck, Extension Agronomist for Oregon State University in Umatilla and Morrow Counties provided documented research on the applicant's behalf.

ORS 468.173(3) The maximum tax credit available to the applicant is **35%** because the equipment was purchased after January 1, 2002. Nonpoint source pollution control facilities are specifically listed under the maximum 35% tax credit.

Timeliness of Application

The applicant submitted the application within the one-year filing period of the 2001 edition of ORS 468.165 (6).

<i>Construction Started</i>	06/24/2002
<i>Construction Completed</i>	06/24/2002
<i>Facility Placed into Operation</i>	06/25/2002
<i>Application Received</i>	07/18/2002

Facility Cost

Claimed Cost	<u>\$19,000</u>
Eligible Cost	\$19,000

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The only factor used in determining that **100%** of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control. ORS 468.190 (3)

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility.

Reviewers: Maggie Vandehey, DEQ

Exhibit E

HERMISTON AGRICULTURAL RESEARCH & EXTENSION CENTER



OREGON STATE UNIVERSITY

2121 South First Street; PO Box 105; Hermiston, OR 97838

Telephone 541-567-8321, FAX 541-567-2240

July 9, 2002

To whom it may concern

This letter is written regarding the favorable environmental impacts that a no-till planter purchased by Kent Madison will have on soils, waters and air in the county.

The purchase and use of a no-till corn planter on land in irrigated farming greatly reduces the risk of wind and water erosion. This reduction in soil loss is attained by keeping plant residue on the soil's surface. When soil has a high percentage of plant material on the surface it is a lot less prone to soil erosion by water. This occurs because the water can percolate into the soil rather than run off. Plant residue slows down the water and reduces rain drop impact resulting in greatly reduced water erosion. More water into the soil and less sediment in the river is good for the crop and good for fish.

The plant residue on the soil's surface also reduces wind erosion in addition to water erosion. The plant residues acts as a wind break for the soil surface and reduces the force of the wind on the soil surface thus reducing soil loss due to wind. Less wind erosion means less dust in the area, which at times can be a severe problem in Umatilla and Morrow counties.

Increased plant residues mean long term more carbon storage in the soil and increased soil organic matter levels. Carbon storage means better soil tilth, and less greenhouse gasses in the air that are impacting global warming.

By allowing a tax credit to be applied toward the purchase of no-till farm equipment the State of Oregon will encourage other farmers to make the investment in technology that will help reduce the soil and wind erosion of the state as well as protect the air we breath.

Sincerely,

A handwritten signature in black ink, appearing to read 'Donald Horneck', written over a circular stamp.

Donald Horneck
Extension Agronomist, Umatilla/Morrow Counties
Oregon State University



University of Idaho

Pacific Northwest Conservation Tillage Systems Information Source
Direct Seed Tillage Handbook

PNW Tillage Handbook

- Chapter 1
- Chapter 2
- Chapter 3
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Direct Seed Conferences**Direct Seed Newsletters****Resource Directories****Grower Case Studies****Direct Seed List Server****STEEP Research Reports****Wind Erosion /
Air Quality Project****On-Farm Testing****Coming Events****Resource Links****Search Our Site****Direct Seed Association****Home****Overview:**

The increasing success of conservation farming systems throughout the Northwest is largely to the development and grower adaptation of new crop management technology. Producers and Ag support personnel are realizing the importance of keeping up to date conservation systems research in order to develop and maintain successful conservation farming systems. The *Pacific Northwest Conservation Farming Handbook* a publication that provides the principle source of information on new research developments on conservation farming systems in the region.

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 Roger Veseth, WSU/UI Extension Tillage Specialist, Plant Soil and Entomological Sciences Dept. University of Idaho 83844-2339 USA, Redesigned/Maintained by [Leila Styer](#), CAHE Computer Resource Unit

Exhibit A

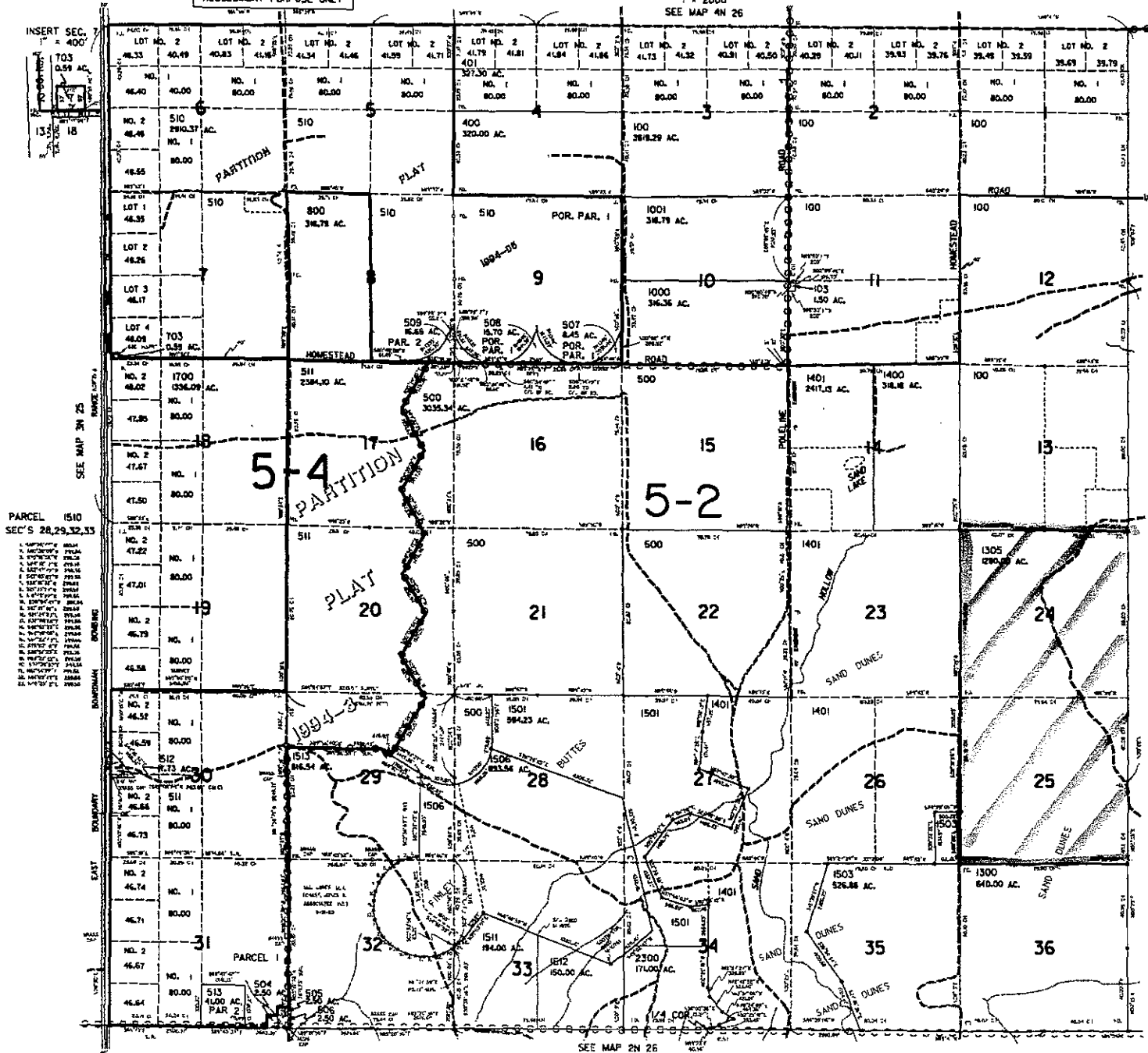
T.3N. R.26E. W.M.
MORROW COUNTY

3N 26

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SCALE IN FEET

THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

1" = 2000'
SEE MAP 4N 26



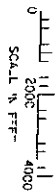
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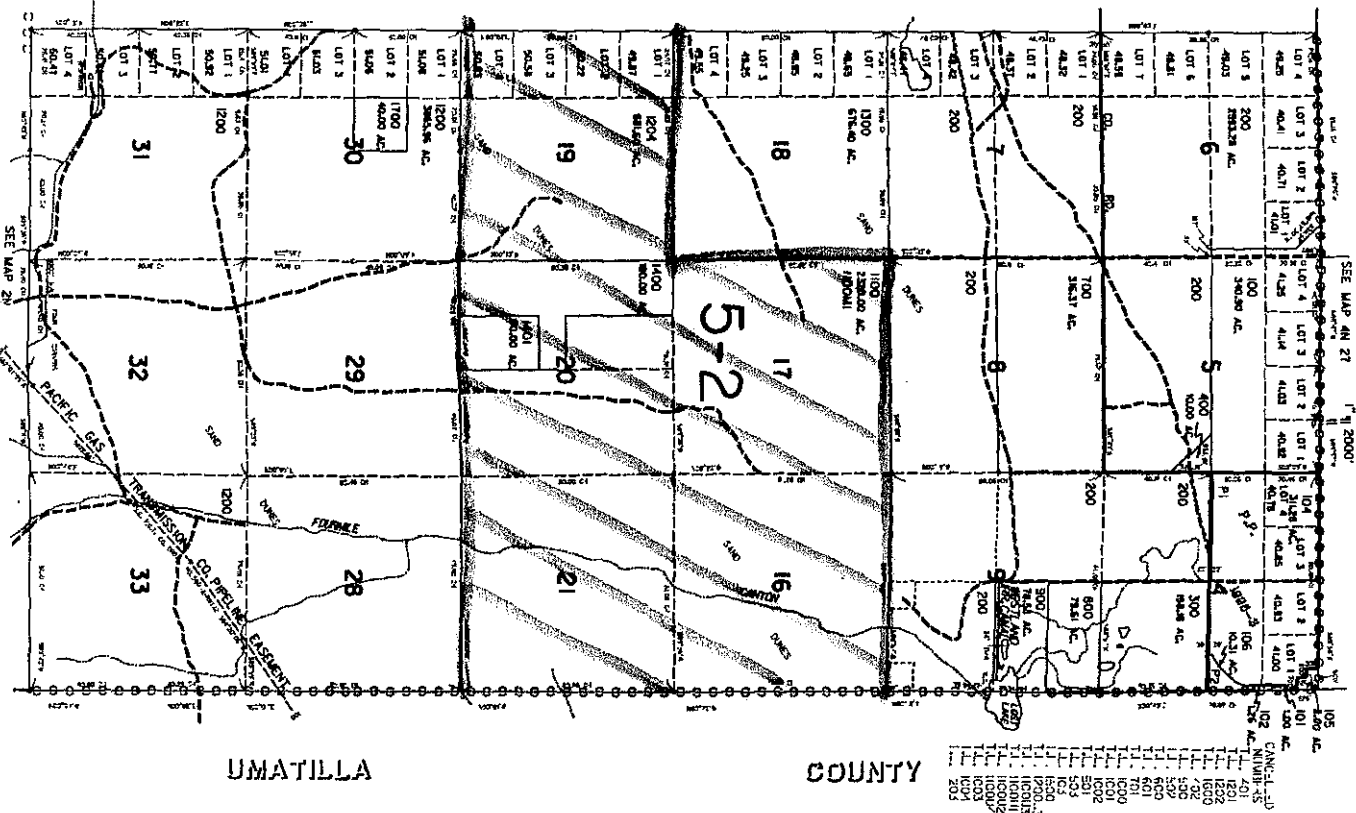
Revised 4/18/00, KMS

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY



T.3N. R.27E. W.M.
MORROW COUNTY

SEE MAP 3N 26



UMATILLA

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T3N R27E.W.M.
UMATILLA COUNTY

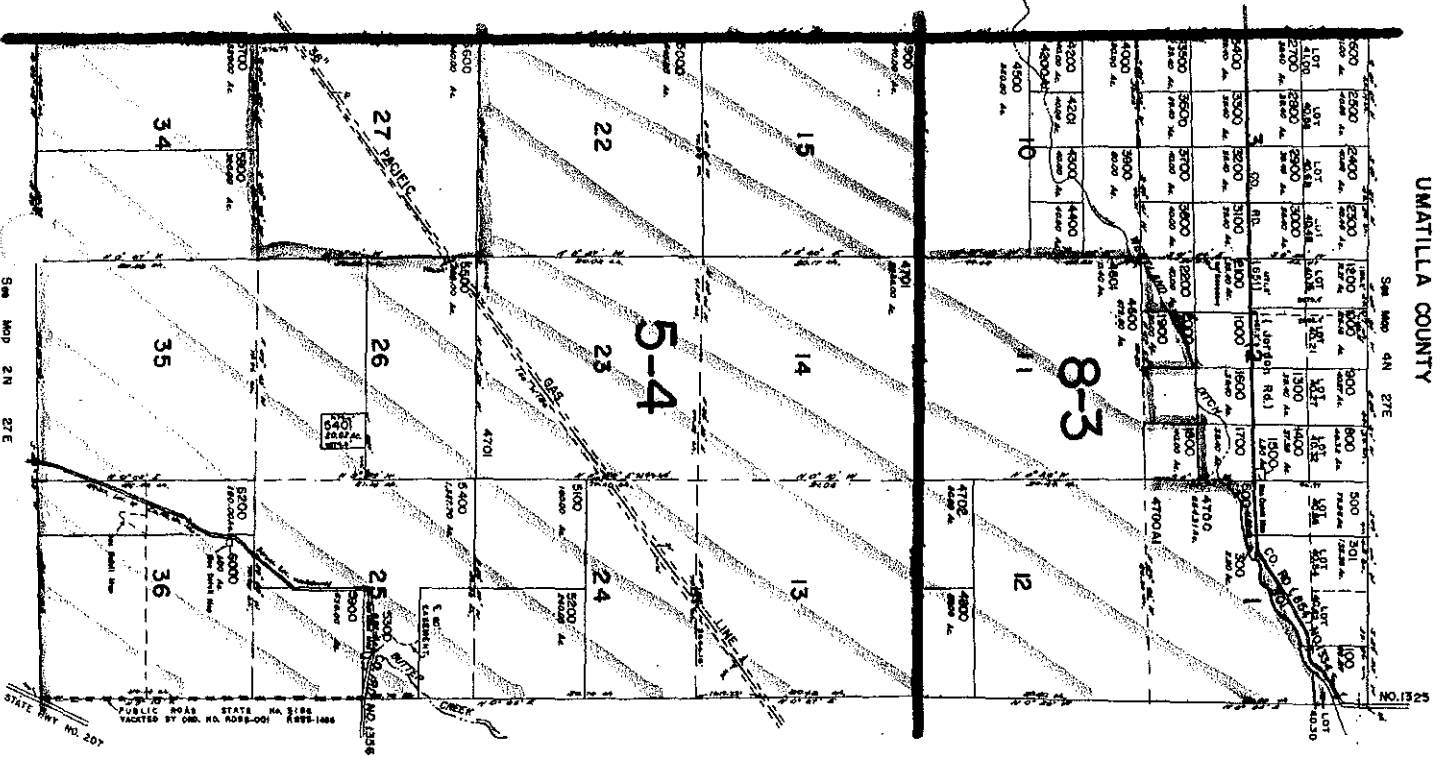
See Map 4N 27E

Aerial Photo No. M2-2P-52-34
27-02-03
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3N 27

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MORROW COUNTY



See Map 3N 26E

See Map 2N 27E

3N 27

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY

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UMATILLA COUNTY

See Map 4N 28C

See Map 4N 28B

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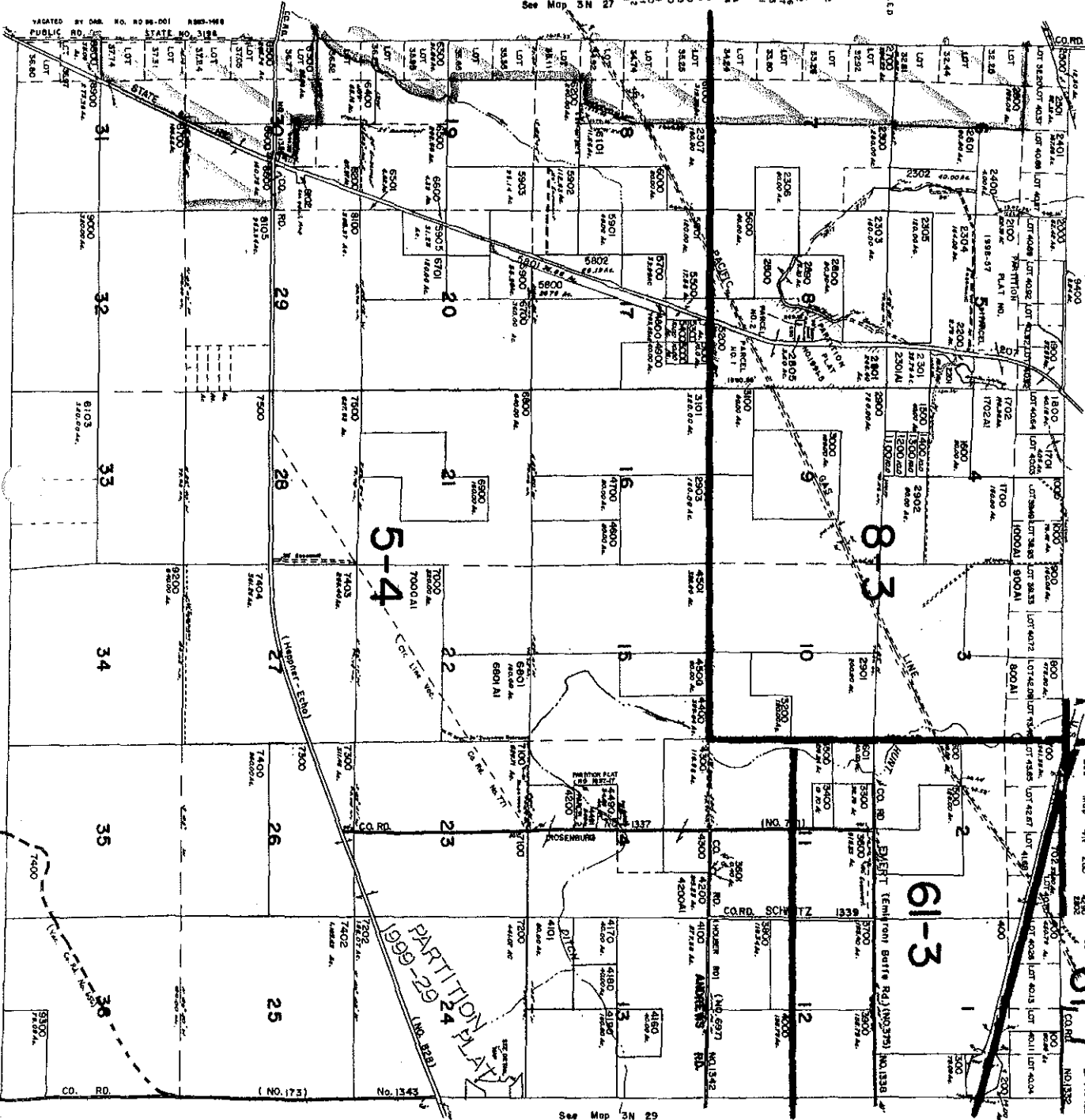
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See Map 3N 27

See Map 3N 29

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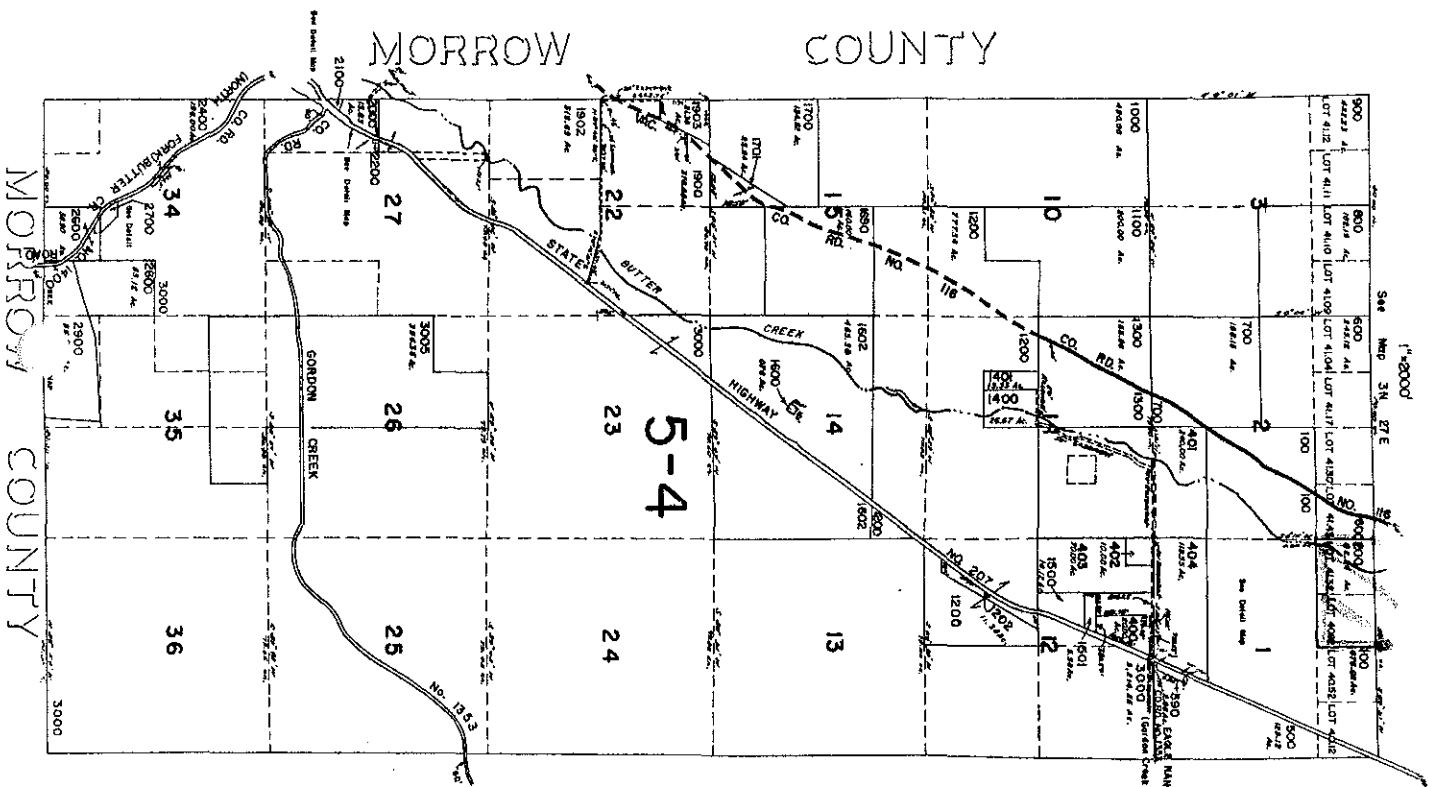
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See Map 3N 28

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UMATILLA COUNTY



See Map 2N 28E

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2N 27

2N 27

THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSES ONLY

T4N. R27 E.W.M.
UMATILLA COUNTY

1"=2000'

See Map 4N 27

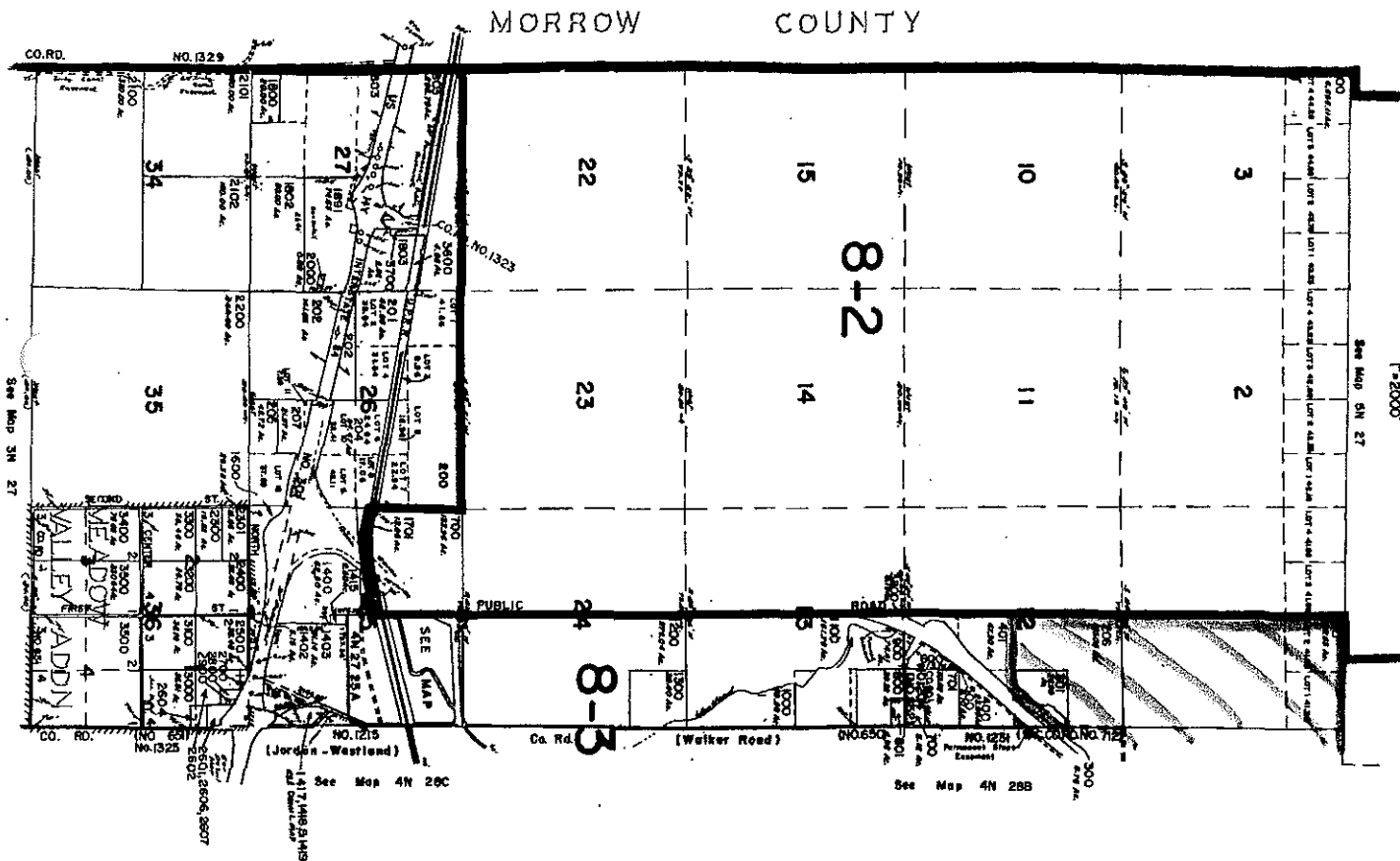
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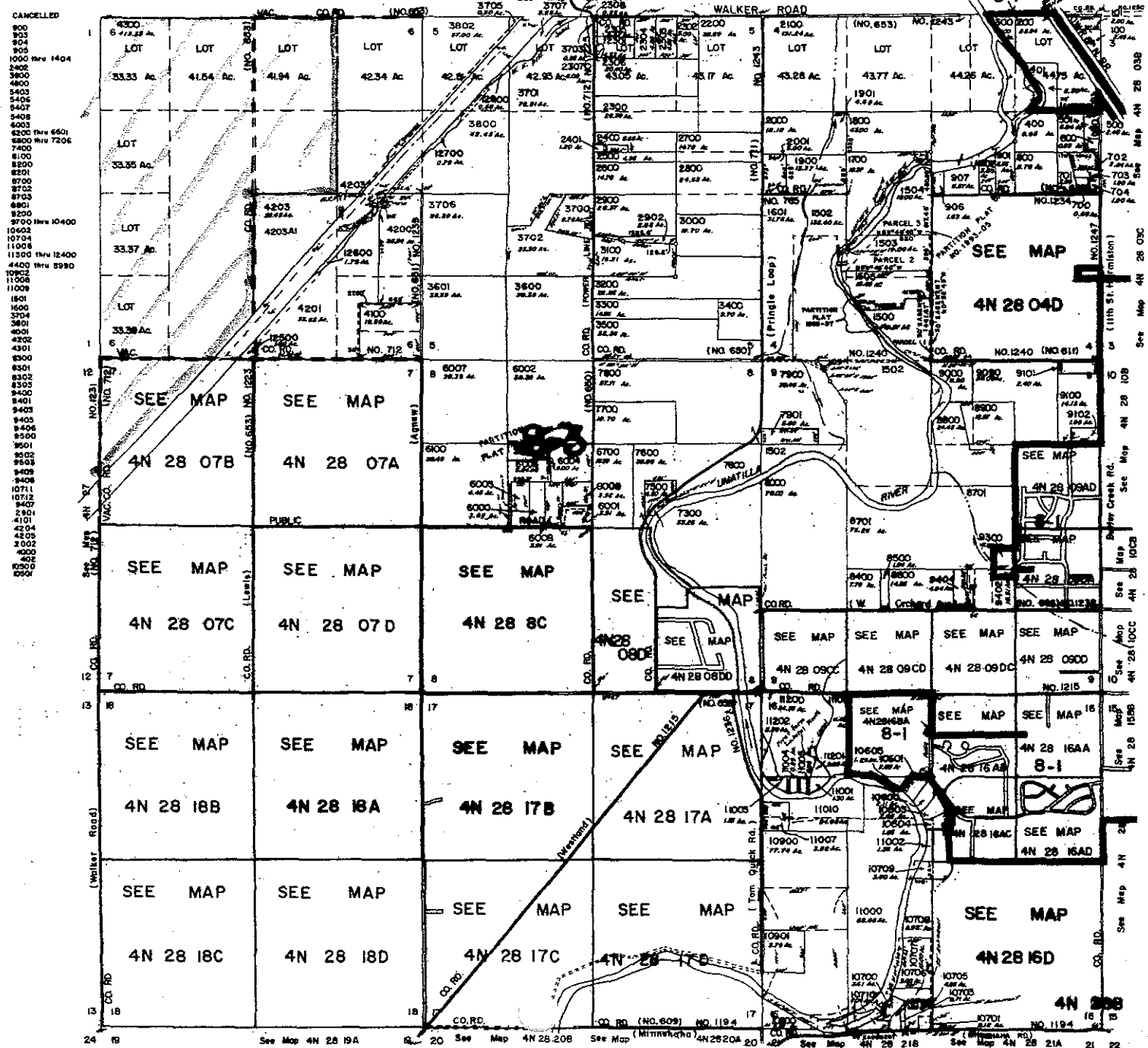
4N 27

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY

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UMATILLA COUNTY

4N 28
& INDEX

Aerial Photo No NZ-2F-25-26
P-119-120



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APPROVALS: Underground and Above Ground Tank Systems

The Department recommends that the Environmental Quality Commission approve **8** underground storage tank systems. Their certification could reduce taxes paid to the State of Oregon by a maximum of \$206,059.

Summary of Tank Systems

App #	Applicant	Facility Cost	% Allocable	Maximum Tax Credit	EQC Action
6116	Traugher Oil Company	\$ 46,887	100%	50%	
6172	Truax Corporation	20,768	100%	50%	
6185	Truax Corporation	42,256	100%	50%	
6202	Truax Corporation	47,919	100%	50%	
6215	Cain Petroleum Inc.	127,018	100%	50%	
6251	The Jerry Brown Co., Inc.	48,104	100%	50%	
6271	Truax Corporation	67,531	100%	35%	
6280	The Jerry Brown Co., Inc.	31,894	100%	50%	
8 Apps	Sum:	432,377			
	Average	54,047			
	Minimum	20,768			
	Maximum	\$ 127,018			



State of Oregon
Department of
Environmental
Quality

Director's Recommendation:	Approve @ Reduced Cost
Applicant	Traugher Oil Co.
Application No.	6116
Eligible Facility Cost	\$46,887
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	10 years

Tax Credit Review Report

Pollution Control Facility: USTs

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized as: **S Corp**

Business: **Retail fuel facility**

Taxpayer ID: **93-0671144**

The applicant's address is:

PO Box 6869

Bend, OR 97708

Facility Identification

The certificate will identify the facility as:

**350' double-wall flexible piping,
sumps, spill containment, automatic
tank gauge system, and automatic
shutoff valves**

The applicant is the owner of the **facility** located at:

Terrebonne 76

8150 Hwy 97 North

Terrebonne, OR 97760

Technical Information

The applicant owns a retail gas station. They installed 350' of non-corrosive double-wall flexible piping and under-dispenser containment sumps. The applicant also added spill containment, automatic tank gauge system, and automatic shutoff valves.

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of this **installation** is to prevent, control or reduce a substantial quantity of air and water pollution. The claimed facility meets EPA requirements for underground storage tanks and the requirements under OAR Chapter 340, Division 150.

OAR-016-0025 Installation or construction of facilities will be used to detect, deter, or
(2)(g) prevent spills or unauthorized releases.

Timeliness of Application

The application was filed within two years of the date that construction of the facility was completed according to OAR 340-016-0007.

<i>Construction Started</i>	02/01/2000
<i>Construction Completed</i>	04/01/2000
<i>Facility Placed into Operation</i>	04/01/2000
<i>Application Received</i>	03/28/2002

Facility Cost

Claimed	\$48,135
Equivalent Bare Steel Product Piping @ \$1.64 per foot	(574)
Less Ineligible Costs – Portion of tank gauge system used for inventory control, not for pollution control (10%).	(674)
Eligible	<u>\$46,887</u>

Copies of invoices substantiated the cost of the facility.

Facility Cost Allocable to Pollution Control

The only factor used in determining that **100%** of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control. [ORS 468.190 (3)]

Compliance and Other Tax Credits

The facility is in compliance with Department rules and statutes and with EQC orders. DEQ issued Operating Permit No. 9-1239-1998 OPER, on March 2000. No other tax credits have been issued to the applicant at this location.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: UST/AST Final Certification

ORS 468.150 -- 468.190
OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As **S Corp**
Business: **Retail gas station**
Taxpayer ID: **93-0730691**

The applicant's address is:

**PO Box 3002
Corvallis, OR 97339**

Technical Information

The applicant replaced single-wall plumbing with non-corrosive double-wall flexible fiberglass piping at their retail gas station. They installed containment sumps under the dispensers and turbine sumps at tanks. Liquid sensors were installed at the island and tank sumps. The islands were piped for Stage II Vapor Recovery.

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of this **installation** must be to prevent, control or reduce air and water pollution as required by DEQ, EPA or a regional air pollution authority. This facility meets the federal Environmental Protection Agency's requirements for underground storage tanks and DEQ's requirements under OAR Chapter 340, Division 150.

Directors	
Recommendation:	Approve @ Reduced Cost
Applicant:	Truax Corporation
Application No.	6172
Claimed Facility Cost	\$20,768
Claimed Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	8 years

Facility Identification

The applicant identified the facility as:

**Turbine, container, and dispenser sumps;
leak detectors; monitoring wells,
automatic shutoff valves, Stage II Vapor
Recovery Piping, and an oil/water
separator**

The applicant is the owner and operator of the facility located at:

**Corvallis 76
480 SW 4th Street
Corvallis, OR 97333**

OAR-016-0025 (2)(g) The installation of this facility will be used to detect, deter, or prevent spills or unauthorized releases.

ORS 468.155 (3)(e) **Replacement** The facility does not replace or reconstruct of all or part of a facility that has previously been certified as a pollution control facility under ORS 468.170. Replacement facilities are not eligible for the tax credit with two exceptions: 1) the facility was replaced due to a requirement imposed by DEQ or EPA that is different than the requirement to construct the original facility; or 2) the facility was replaced before the end of its useful life.

TRUE: The non-corrosive piping replaced the single-wall bare steel piping. The piping is eligible for certification.

FALSE: The turbine, container, and dispenser sumps; leak detectors; monitoring wells, automatic shutoff valves, Stage II Vapor Recovery Piping, and an oil/water separator are not eligible for certification because they replaced the facility certified to Ridenour Oil Co., Inc. as shown on the attached Certificate Number 2479 issued on April 26, 1991. The replacements were not installed due to a new requirement imposed by DEQ or EPA, and the 8-year useful life of the original facility has expired. The applicant enlarged the islands and installed additional dispensers. The previously certified facility was not sized to handle the additional dispensers. These components are not eligible for certification.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed before January 1, 2002.
OAR 340-016-0007

Timeliness of Application

The application was filed within two years of the date that construction of the facility was completed according to OAR 340-016-0007.

<i>Construction Started</i>	2/12/2001
<i>Construction Completed</i>	4/1/2001
<i>Facility Placed into Operation</i>	4/1/2001
<i>Application Received</i>	5/22/2002

Facility Cost

Claimed	\$50,121
Replaced previously certified facility	(27,713)
Equivalent Bare Steel Product Piping @ \$1.64 per foot	(1,640)
Upgrade cost	\$20,768

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The factors listed below were considered in determining that **100%** of the facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	This installation does not produce a salable or usable commodity.
ORS 468.190(1)(b) Return on Investment	The useful life of the facility used for the return on investment consideration is 8 years. The portion of cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c) Alternative Methods	No alternative investigated.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. The applicant operates under the UST General Permit 2-8177-2000-OPER issued on March 20, 2000. DEQ approved the applicant's Notice of Intent to upgrade/retrofit the system on February 8, 2001. No other tax credits were issued to the applicant at this location.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Directors	
Recommendation:	Approve @ Reduced Cost
Applicant	Truax Corporation
Application No.	6185
Facility Cost	\$42,256
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	8 years

Pollution Control Facility: UST/AST Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As **S Corp**

Business: **Retail gas station**

Taxpayer ID: **93-0730691**

The applicant's address is:

**PO Box 3002
Corvallis, OR 97339**

Facility Identification

The certificate will identify the facility as:

**Turbine sumps, containment sumps,
monitoring wells, automatic shutoff valves,
and piping for Stage II Vapor Recovery**

The applicant is the owner and operator of
facility located at:

**Corvallis Towne Pump
1250 NW 9th
Corvallis, OR 97333**

Technical Information

The applicant replaced single wall plumbing with non-corrosive double wall flexible fiberglass piping at their retail gas station. They installed containment sumps under the dispensers and turbine sumps at tanks. The upgraded system helps eliminate petroleum contamination to the surrounding soil and ground water.

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of this **installation** must be to prevent, control or reduce air and water pollution as required by DEQ, EPA or a regional air pollution authority. This facility meets the federal Environmental Protection Agency's requirements for underground storage tanks and DEQ's requirements under OAR Chapter 340, Division 150.

OAR-016-0025 (2)(g) The installation of this facility will be used to detect, deter, or prevent spills or unauthorized releases.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility commenced prior to January 1, 2001.

Timeliness of Application

The application was filed within the 2-year filing period of the 1999 edition of ORS 468.165 (6).

<i>Construction Started</i>	12/1/2000
<i>Construction Completed</i>	2/1/2001
<i>Facility Placed into Operation</i>	2/1/2001
<i>Application Received</i>	6/12/2002

Facility Cost

Claimed	\$42,453
Equivalent Bare Steel Product Piping @ \$1.64 per foot.	<u>(197)</u>
Eligible	\$42,256

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The only factor used in determining that **100%** of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control.

[ORS 468.190 (3)]

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. The applicant operates under the UST General Permit 2-4446-1998-OPER issued on December 5, 1998. The company notified the DEQ of the upgrades to the tank system on November 5, 2000. No other tax credits were issued to the applicant at this location.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: UST/AST

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As **S Corp**

Business: **Retail gas station**

Taxpayer ID: **93-0730691**

The applicant's address is:

PO Box 3002

Corvallis, OR 97339

Directors	
Recommendation:	Approve @ Reduced Cost
Applicant	Truax Corporation
Application No.	6202
Facility Cost	\$47,919
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	8 years

Facility Identification

The certificate will identify the facility as:

Automatic tank gauge system, turbines, sumps, containment sumps, vapor recovery lines, monitoring wells, and piping

The applicant is the owner and operator of the facility located at:

**Prineville Towne Pump
612 N. Madras Highway
Prineville, OR 97754**

Technical Information

The applicant replaced single-wall plumbing with non-corrosive double-wall flexible fiberglass piping at their retail gas station. They installed containment sumps under the dispensers and turbine sumps at the tanks. The upgraded system helps eliminate petroleum contamination to the surrounding soil and ground water.

Eligibility

ORS 468.155 The **principal purpose** of this **installation** must be to prevent, control or reduce air and water pollution as required by DEQ, EPA or a regional air pollution authority.
(1)(a) This facility meets the federal Environmental Protection Agency's requirements for underground storage tanks and DEQ's requirements under OAR Chapter 340, Division 150.

OAR-016-0025 (2)(g) The installation of this facility will be used to detect, deter, or prevent spills or unauthorized releases.

ORS 468.155 (3)(e) **Replacement:** The facility does not replace or reconstruct all or part of a facility that has previously been certified as a pollution control facility under ORS 468.170. Replacement facilities are not eligible for the tax credit with two exceptions: 1) the facility was replaced due to a requirement imposed by DEQ or EPA that is different than the requirement to construct the original facility; or 2) the facility was replaced before the end of its useful life.

TRUE: Automatic tank gauge system, turbines, sumps, containment sumps, vapor recovery lines and piping do not replace any previously certified facilities.

FALSE: The applicant claimed tank monitoring but was unable to determine if it replaced the tank monitoring previously certified on the attached Certificate Number 2787 issued on December 13, 1991. A 1991 report showing the tank monitor is attached. The applicant requested the cost of the tank monitoring equipment be removed from the claimed cost.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility was completed before January 1, 2002.
OAR 340-016-0007

Timeliness of Application

The application was filed within two years of the date that construction of the facility was completed according to OAR 340-016-0007.

<i>Construction Started</i>	7/1/2001
<i>Construction Completed</i>	10/1/2001
<i>Facility Placed into Operation</i>	10/1/2001
<i>Application Received</i>	7/3/2002

Facility Cost

Claimed	\$52,671
Tank Monitor	(4,292)
Less Ineligible Costs – Portion of tank gauge system used for inventory control, not for pollution control (10%).	(66)
Equivalent Bare Steel Product Piping @ \$1.64 per foot	<u>(394)</u>
Eligible	\$47,919

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The factors listed below were considered in determining that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a) Salable or Usable Commodity	This installation does not produce a salable or usable commodity.
ORS 468.190(1)(b) Return on Investment	The useful life of the facility used for the return on investment consideration is 8 years. The portion of cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c) Alternative Methods	No alternative investigated.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. The applicant operates under the UST General Permit 7-6999-1998-OPER issued on December 5, 1998. The company notified DEQ they planned to retrofit their tank system on August 8, 2001. No other tax credits were issued to the applicant at this location.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: UST/AST

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As **C Corp**

Business: **Retail gas station**

Taxpayer ID: **93-0132695**

The applicant's address is:

**2624 Pacific Avenue
Forest Grove, OR 97116**

Technical Information

The applicant installed a new underground storage tank system at a new retail facility. The claimed installation meets state and federal environmental requirements for protecting land, water, and air.

Directors	
Recommendation:	Approve @ Reduced Cost
Applicant	Cain Petroleum Inc.
Application No.	6215
Facility Cost	\$127,018
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	10 years

Facility Identification

The certificate will identify the facility as:

Two double-wall, triple compartment tanks; 478' double wall, flexible plastic product piping; automatic tank gauge system; spill containment basins; line/turbine leak detectors; overfill alarm; sumps; monitoring wells; oil/water separator; automatic shutoff valves; and Stage II Vapor Recovery

The applicant is the owner and operator of the facility located at:

**Banks Chevron
640 S Main Street
Banks, OR 97106**

Eligibility

- ORS 468.155 (1)(a) The **principal purpose** of this **installation** must be to prevent, control or reduce air and water pollution as required by DEQ, EPA or a regional air pollution authority. This facility meets the federal Environmental Protection Agency's requirements for underground storage tanks and DEQ's requirements under OAR Chapter 340, Division 150.
- OAR-016-0025 (2)(g) The installation of this facility will be used to detect, deter, or prevent spills or unauthorized releases.
- ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility commenced before January 1, 2001.

Timeliness of Application

The application was filed within two years of the date that construction of the facility was completed according to OAR 340-016-0007.

<i>Construction Started</i>	11/10/1999
<i>Construction Completed</i>	7/25/2000
<i>Facility Placed into Operation</i>	7/26/2000
<i>Application Received</i>	7/24/2002

Facility Cost

Claimed	\$135,507
Equivalent bare steel tank @ 50% of tank cost	(6,685)
Equivalent bare steel product piping @ \$1.64 per foot	(784)
Less Ineligible Costs – Portion of tank gauge system used for inventory control - not for pollution control @ 10%.	(1,020)
Eligible	\$127,018

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The factors listed below were considered in determining that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a) Salable or Usable Commodity	This installation does not produce a salable or usable commodity.
ORS 468.190(1)(b) Return on Investment	The useful life of the facility used for the return on investment consideration is 10 years. The portion of cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c) Alternative Methods	No alternative investigated.

ORS 468.190(1)(d) Savings or Increase
in Costs

No savings or increases in costs were identified.

ORS 468.190(1)(e) Other Relevant
Factors

No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. Tank Registration 34-11851-1999 issued on June 6, 1999. No other tax credits were issued to the applicant at this location.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: UST/AST

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As **S Corp**

Business: **Retail gas station**

Taxpayer ID: **93-0763424**

The applicant's address is:

**PO Box 41390
Eugene, OR 97404**

Directors	
Recommendation:	Approve @ Increased Cost
Applicant	The Jerry Brown Co., Inc.
Application No.	6251
Facility Cost	\$48,104
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	10 years

Facility Identification

The certificate will identify the facility as:

**Automatic shutoff valves, sumps, and
double wall fiberglass piping**

The applicant is the owner and operator of the
facility located at:

**626 SE Washington
Roseburg, OR 97470**

Technical Information

The applicant replaced old product supply lines with 320' of double wall fiberglass piping at the islands and connecting the two larger storage tanks. Installation included excavating and replacing asphalt and concrete. The applicant discovered three fuel tanks during excavation and decommissioned them. They installed new sumps and automatic shutoff valves under five dispensers.

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of this **installation** must be to prevent, control or reduce air and water pollution as required by DEQ, EPA or a regional air pollution authority. This facility meets the federal Environmental Protection Agency's requirements for underground storage tanks and DEQ's requirements under OAR Chapter 340, Division 150.

- OAR-016-0025 (2)(g) The installation of this facility will be used to detect, deter, or prevent spills or unauthorized releases.
- ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility commenced prior to January 1, 2001.

Timeliness of Application

The application was filed within two years of the date that construction of the facility was completed according to OAR 340-016-0007.

<i>Construction Started</i>	10/1/2000
<i>Construction Completed</i>	11/30/2000
<i>Facility Placed into Operation</i>	11/30/2000
<i>Application Received</i>	8/12/2002

Facility Cost

Claimed	\$47,299
Decommissioning of three fuel tanks discovered during excavation	1,985
Disposal of concrete not associated with claimed facility	(655)
Equivalent Bare Steel Product Piping @ \$1.64 a foot	<u>(525)</u>
Eligible	\$48,104

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The only factor used in determining that **100%** of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control. [ORS 468.190 (3)]

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. There were no DEQ permits issued to this facility. No other tax credits were issued to the applicant at this location.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve @ Reduced Cost
Applicant	Truax Corporation
Application No.	6271
Facility Cost	\$67,531
Percentage Allocable	100
Maximum Tax Credit	35%
Useful Life	8 years

Tax Credit Review Report

Pollution Control Facility: UST/AST

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As **S Corp**

Business: **Retail gas station**

Taxpayer ID: **93-0730691**

The applicant's address is:

PO Box 3002

Corvallis, OR 97339

Facility Identification

The certificate will identify the facility as:

**Line & turbine leak detectors, Stage II
Vapor Recovery piping and GeoFlex II
piping**

The applicant is the owner and operator of the
facility located at:

**Independence Chevron
1410 Monmouth Boulevard
Independence, OR 97351**

Technical Information

The applicant installed an upgrade to their retail gas station to detect and prevent spills. The system consists of the replacement of old piping with non-corrosive double-wall flexible fiberglass pipe, installation of dispenser sumps at the islands and turbine sumps at tanks. The applicant installed automatic shutoff valves and the islands were piped for Stage II Vapor Recovery. The upgrade to the system will assist in eliminating petroleum contamination to the surrounding soil and ground water.

Eligibility

ORS 468.155 (1)(a) The **principal purpose** of this **installation** must be to prevent, control or reduce air and water pollution as required by DEQ, EPA or a regional air pollution authority. This facility meets the federal Environmental Protection Agency's requirements for underground storage tanks and DEQ's requirements under OAR Chapter 340, Division 150.

OAR-016-0025 (2)(g) The installation of this facility will be used to detect, deter, or prevent spills or unauthorized releases.

ORS 468.155(3)(e) **Replacement:** The facility does not replace or reconstruct all or part of a facility that has previously been certified as a pollution control facility under ORS 468.170. Replacement facilities are not eligible for the tax credit with two exceptions: 1) the facility was replaced due to a requirement imposed by DEQ or EPA that is different than the requirement to construct the original facility; or 2) the facility was replaced before the end of its useful life.

TRUE: The line and turbine leak detectors, Stage II Vapor Recovery piping and GeoFlex II piping do not replace any previously certified pollution control facilities.

FALSE: The applicant claimed shutoff valves that replaced previously certified shutoff valves. On March 11, 1991, the EQC certified three lined tanks, spill containment basins, and automatic shutoff valves at this location as claimed on application number 3323. The certificate and the report are attached. The original certificate is beyond the period of useful life and will not be reissued. The cost has been removed from the claimed facility cost below.

ORS 468.173(3) The maximum tax credit available to the applicant is **35%** because the facility was completed after January 1, 2002.

Timeliness of Application

The application was filed within two years of the date that construction of the facility was completed according to OAR 340-016-0007.

<i>Construction Started</i>	11/1/2001
<i>Construction Completed</i>	1/31/2002
<i>Facility Placed into Operation</i>	1/31/2002
<i>Application Received</i>	9/9/2002

Facility Cost

Claimed	\$70,193
Automatic Shutoff Valves	(1,022)
Equivalent Bare Steel Product Piping @ \$1.64 per foot.	<u>(1,640)</u>
Eligible	\$67,531

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The factors listed below were considered in determining that **100%** of the facility cost is allocable to pollution control.

<u>Factor</u>	<u>Applied to This Facility</u>
ORS 468.190(1)(a) Salable or Usable Commodity	This installation does not produce a salable or usable commodity.
ORS 468.190(1)(b) Return on Investment	The useful life of the facility used for the return on investment consideration is 8 years. The portion of cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c) Alternative Methods	No alternative investigated.
ORS 468.190(1)(d) Savings or Increase in Costs	No savings or increases in costs were identified.
ORS 468.190(1)(e) Other Relevant Factors	No other relevant factors.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. The facility operates under the UST General Permit 27-4431-1998 OPER issued December 31, 1998. On October 5, 2001, the applicant notified the DEQ of their plans to upgrade the UST system. The EQC issued Certificate number 2422 to the facility on March 3, 1991.

Reviewer: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: UST/AST

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As **S Corp**

Business: **Retail gas station**

Taxpayer ID: **93-0763424**

The applicant's address is:

**PO Box 41390
Eugene, OR 97404**

Directors	
Recommendation:	Approve @ Reduced Cost
Applicant	The Jerry Brown Co., Inc.
Application No.	6280
Facility Cost	\$31,894
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	7 years

Facility Identification

The certificate will identify the facility as:

Double-walled fiberglass piping

The applicant is the owner and operator of the facility located at:

**93244 Highway 99 South
Junction City, OR 97448**

Technical Information

The applicant replaced old product supply lines with 330' of double wall fiberglass piping between the sumps in the tank area to the cardlock island. Installation included excavating and replacing asphalt and concrete.

Eligibility

ORS 468.155 The **principal purpose** of this **installation** must be to prevent, control or reduce air and water pollution as required by DEQ, EPA or a regional air pollution authority.
(1)(a) This facility meets the federal Environmental Protection Agency's requirements for underground storage tanks and DEQ's requirements under OAR Chapter 340, Division 150.

OAR-016-0025 The installation of this facility will be used to detect, deter, or prevent spills or
(2)(g) unauthorized releases.

ORS 468.173(1) The maximum tax credit available to the applicant is **50%** because construction of the facility commenced prior to January 1, 2001.

Timeliness of Application

The application was filed within the 2-year filing period of the 1999 edition of ORS 468.165 (6).

<i>Construction Started</i>	10/1/2000
<i>Construction Completed</i>	11/30/2000
<i>Facility Placed into Operation</i>	11/30/2000
<i>Application Received</i>	8/12/2002

Facility Cost

Claimed	\$32,435
Ineligible Cost:	
Equivalent Bare Steel Product Piping @ 1.64 a foot	<u>(541)</u>
Eligible	\$31,894

Copies of invoices substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The only factor used in determining that **100%** of the claimed facility cost is allocable to pollution control is the percentage of time the facility is used for pollution control. [ORS 468.190 (3)]

Compliance and Other Tax Credits

The applicant states they are in compliance with Department rules and statutes and with EQC orders. No other tax credits were issued to the applicant at this location.

The EQC certified epoxy lined and impressed current cathodic protection on two steel underground tanks, double wall flexible plastic piping, spill containment basins, automatic tank gauge system, turbine leak detectors, sumps, monitoring well and automatic shutoff valves on September 29, 1998 (Application # 5087/4068.)

Reviewer: Maggie Vandehey, DEQ

APPROVALS: Water Pollution Control Facilities

The Department recommends that the Environmental Quality Commission (Commission) approve 7 water pollution control facilities installed to dispose of or eliminate industrial waste and the use of treatment works for industrial waste as defined in ORS 468B.005. The Commission's certification of these facilities could reduce taxes paid to the State of Oregon by a maximum of \$1,231,713.

Three applicants constructed facilities in response to a Department of Environmental Quality or a federal Environmental Protection Agency requirement. These facilities' primary and most important purposes are to comply with requirements to prevent, reduce, control, or eliminate water pollution.

Four applicants voluntarily installed facilities to prevent, reduce, control, or eliminate water pollution. These facilities are used exclusively to control a substantial quantity of water pollution.

The facility represented on application number 5587 replaced a previously certified facility that was replaced before the end of its useful. The applicant is eligible for the remaining tax credit available to under the original certificate according to ORS 468.155(3)(e).

Summary of Water Pollution Control Facilities

App #	Applicant	Facility Cost	% Allocable	Maximum Tax Credit	EQC Action
5587	Darigold, Inc.	\$46,591	100%	50%	
5798	Sunriver Resort	504,071	100%	50%	
5843	Columbia River Processing	1,529,795	100%	50%	
6160	Thomas R. Hurliman	52,240	100%	50%	
6218	Boyd Coffee Company	152,780	100%	50%	
6261	Portland General Electric	88,302	100%	50%	
6262	Portland General Electric	89,647	100%	50%	
7 Apps	Sum:	2,463,426			
	Average	351,918			
	Minimum	46,591			
	Maximum	\$ 1,529,795			



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Water Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **Co-op**

Business: **Dairy products**

Taxpayer ID: **91-0741723**

The applicant's address is:

**Portland Plant
PO Box 79007
Seattle, WA 98119**

Technical Information

The applicant claimed a wastewater neutralization system that adjusts pH at the WestFarm Foods dairy plant prior to discharge to the City of Portland sanitary sewer system. The claimed system includes:

- A sewer lift station
- A 111,725-gallon storage and equalization tank (Aquastore water reservoir tank, Model 2530 GFTT)
- A chemical control building
- An effluent flow meter
- A pH recording and control instrumentation system

Directors

Recommendation: **Approve @ Reduced Amount**

Applicant **Darigold, Inc.**

Application No. **5587**

Reissue Certificate 3115 for Original Amount and Percentages

Reissue Amount **\$46,591**

Reissue Percentage **100%**

Reissue Maximum Tax Credit **50%**

Facility Identification

The reissued certificate will identify the facility as:

Wastewater pH neutralization system

The applicant is the **owner and operator** of the facility located at:

**2720 SE 6th
Portland, OR 97202**

The plant discharged wastewater to the sewer system at an uncontrolled pH, often less than 5.5, before installation of the facility. The pH level is now between 5.5 and 11.5 and the claimed facility has not exceeded the maximum daily wastewater discharge limit. The applicant's effluent complies with the local sewerage agency's permit.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	5/1/1999
<i>Construction Completed</i>	3/1/2000
<i>Facility Placed into Operation</i>	3/1/2000
<i>Application Filed</i>	6/26/2001

Purpose: Required The principal purpose of the claimed facility must be to comply with a requirement imposed by DEQ or EPA to prevent, reduce, or control water pollution. That principal purpose must be the most important or primary purpose of the facility. The facility must have only one primary purpose.
 ORS 468.155
 (1)(a)(A)
 OAR 340-016-0060(2)(a)

TRUE: The principal purpose of the new pH neutralization system is to comply with City of Portland Compliance Order 1998-008 to control water pollution.

FALSE: The primary and most important purpose of the new manholes, wastewater discharge piping, building awnings, jersey dividers, relocation of fuel lines, start-up, and PLC programming is not to comply with City of Portland Compliance Order 1998-008. The Department did not provide a comprehensive review of these components because the applicant is only eligible for the remaining tax credit available under the original certificate.

Method ORS 468.155 (1)(b)(A) The prevention, control, or reduction must be accomplished by disposal or elimination of industrial wastewater and the use of a treatment works for industrial waste as defined in ORS 468B.005.

"Industrial waste" means any liquid, gaseous, radioactive or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade or business, or from the development or recovery of any natural resources.

"Treatment works" means any plant or other works used for the purpose of treating, stabilizing or holding wastes.

TRUE: Plant wastewater meets the definition of industrial waste because it is a liquid waste resulting from the processing of dairy products. The eligible components of the pH neutralization system meet the definition of a treatment works because they treat the wastewater.

Replacement ORS 468.155 (3)(e) The facility does not included the replacement or reconstruction of all or part of a facility that has previously been certified as a pollution control facility under ORS 468.170. There are two exceptions: 1) the facility was replaced due to a requirement imposed by DEQ or EPA that is different than the requirement to construct the original facility; or 2) the facility was replaced before the end of its useful life.

FALSE: The claimed facility replaced a previously certified system. The EQC issued tax credit certificate number 3115 to Darigold, Inc. for a pretreatment system and an oil/water separator on 7/23/93 in the amount of \$46,591. The new facility and the replaced facility respond to the requirement to neutralize pH prior to discharge to the City of Portland, therefore, the applicant is eligible for the remaining tax credit available under the original certificate.

Maximum Credit ORS 468.173(1) The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **5/1/1999**, construction was completed on **3/1/2000**, and the Department received the application on **6/26/2001**.

Facility Cost

Claimed Cost	\$421,033
Original Certificate Amount	\$46,591

Arthur Andersen, LLP performed an accounting review on behalf of the applicant. Copies of invoices and a project summary report substantiated the claimed facility cost. The Department only determined the actual cost of the pH neutralization system. The cost of this system exceeded the credit available under the original certificate.

Facility Cost Allocable to Pollution Control

ORS 468.190 (3) If the cost of the facility (or facilities certified under one certificate) does not exceed \$50,000, the portion of the actual costs properly allocable shall be in the proportion that the ratio of the time the facility is used for prevention, control or reduction of air, water or noise pollution or solid or hazardous waste or to recycling or appropriately disposing of used oil bears to the entire time the facility is used for any purpose.

TRUE: The certified facility cost is **\$46,591** and the facility is used **100%** of the time for pollution control.

Compliance and Other Tax Credits

The applicant stated that the facility and site are in compliance with Department rules and statutes and with EQC orders. The following DEQ permits have been issued to the site:

Air Contaminant Discharge Permit # 26-3253, issued November 1999
Industrial Wastewater Discharge Permit # 405.002, issued September 8, 1994

Other tax credits issued to **Darigold, Inc. dba WestFarm Foods:**

App #	Description of Facility	Certified Cost	%	Certificate #	Issue Date
3962	pH monitoring system & water/oil separator	\$46,591.00	100	3115	07/23/93
4141	Upgrade facility to meet EPA requirements	\$51,335.00	87	3287	03/11/94

Reviewers: MaggieVandehey, DEQ

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY
POLLUTION CONTROL FACILITY CERTIFICATE

Certificate No: 3115
Date of Issue: July 23, 1993
Application No: TC-3962

ISSUED TO: Darigold, Inc.
Consumer Products Division
635 Elliott Ave. W.
Seattle, WA 98119

LOCATION OF POLLUTION CONTROL FACILITY:
2720 SE 6th
Portland, OR
Multnomah County

AS: LESSEE OWNER INDIV PARTNER CORP NON-PROFIT CO-OP

DESCRIPTION OF POLLUTION CONTROL FACILITY: The pollution control facility includes a pH monitoring station and related treatment and monitoring equipment used to pretreat the process wastewater discharged from Darigold into the City of Portland's sanitary sewer.

TYPE OF POLLUTION CONTROL FACILITY:
 AIR NOISE WATER SOLID WASTE HAZARDOUS WASTE USED OIL

DATE FACILITY COMPLETED: 7/31/92 PLACED INTO OPERATION: 7/31/92

ACTUAL COST OF POLLUTION CONTROL FACILITY: \$46,591.00

PERCENT OF ACTUAL COST PROPERLY ALLOCABLE TO POLLUTION CONTROL: 100%

Based upon the information contained in the application referenced above, the Environmental Quality Commission certifies that the facility described herein was erected, constructed or installed in accordance with the requirements of subsection (1) of ORS 468.165, and is designed for, and is being operated or will operate to a substantial extent for the purpose of preventing, controlling or reducing air, water or noise pollution or solid waste, hazardous wastes or used oil, and that it is necessary to satisfy the intents and purposes of ORS Chapters 454, 459, 467 and 468 and rules adopted thereunder.

Therefore, this Pollution Control Facility Certificate is issued this date subject to compliance with the statutes of the State of Oregon, the regulations of the Department of Environmental Quality and the following special conditions:

1. The facility shall be continuously operated at maximum efficiency for the designed purpose of preventing, controlling, and reducing the type of pollution as indicated above.
2. The Department of Environmental Quality shall be immediately notified of any proposed change in use or method of operation of the facility and if, for any reason, the facility ceases to operate for its intended pollution control purpose.
3. Any reports or monitoring data requested by the Department of Environmental Quality shall be promptly provided.

NOTE: The facility described herein is not eligible to receive tax credit certification as an Energy Conservation Facility under the provisions of Chapter 512, Oregon Law 1979, if the person issued the Certificate elects to take the tax credit relief under ORS 316.097 or 317.072.

Signed: William W. Wessinger (William W. Wessinger, Chairman)

Approved by the Environmental Quality Commission on the 23d day of July 1993.

CERTIFICATE TRANSFER

From:

To:

Signed: _____ (William W. Wessinger, Chairman)

Approved by the Environmental Quality Commission on the ___ day of _____, 1993.



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Water

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **Partnership**

Business: **Resort management company**

Taxpayer ID: **95-4426193**

The applicant's address is:

**PO Box 3589
Sunriver, OR 97707**

Directors Recommendation: Applicant	Approve Sunriver Resort Limited Partnership
Application No.	5798
Facility Cost	\$504,071
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Facility Identification

The certificate will identify the facility as:

**Dewatering building and 3 beltpresses,
Serial numbers 92251, 92231 and
92412**

The applicant is the **owner and operator** of
the facility located at:

**57850 West Cascade Road
Sunriver, OR 97707**

Technical Information

The applicant claimed a 36' X 31' dewatering building and three beltpresses located at their existing sewage treatment plant. The new building houses the three presses that reduce digested sludge to a 15% cake. The water is separated from the solids by gravity and the tension of the two belts pressing together. Decreasing diameter rollers press the dewatered material into a cake. The solid cake can be applied as organic matter to the applicant's irrigation field. It can also be used in a composting process that utilizes grass and brush clippings produced by the applicant's golf courses. The facility reduced liquid waste from 20 tankers to 1 truck load. Prior to the installation of the belt presses, the unpressed liquid digested sludge was applied to a meadow area and farm land, the water supply was unprotected from the liquid of the unpressed sludge. The dewatering process reduces run off and leaching from applied solids which protects the water supply of nearby Pioneer Lake and the Deschutes River.

Eligibility

Timely Filing
ORS 468.165 (6) and
OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	9/1/1997
<i>Construction Completed</i>	12/31/1999
<i>Facility Placed into Operation</i>	12/31/1999
<i>Application Filed</i>	11/1/2001

Purpose: Voluntary
ORS 468.155
(1)(a)(B)
OAR 340-016-
0060(2)(a)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of water pollution.

TRUE: The facility reduces a substantial quantity of run off and leaching from applied solids which protects the water supply of nearby Pioneer Lake and the Deschutes River. The facility reduced liquid waste from 20 tankers to 1 truck load.

Method
ORS 468.155
(1)(b)(A)

The prevention, control, or reduction must be accomplished by disposal or elimination of industrial wastewater and the use of a treatment works for industrial waste as defined in ORS 468B.005.

"Industrial waste" means any liquid, gaseous, radioactive or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade or business, or from the development or recovery of any natural resources.

"Treatment works" means any plant or other works used for the purpose of treating, stabilizing or holding wastes.

TRUE: Digested sludge meets the definition of industrial waste because it is liquid and solid waste resulting from the sewage treatment plant. The dewatering building and belt press systems meet the definition of a treatment works because they reduce digested sludge to a 15% cake that can be applied as organic matter to the applicant's irrigation field or used in a composting process that utilizes grass and brush clippings produced by the applicant's golf courses.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.
 ORS 468.173(1)

TRUE: Construction of the facility commenced on **9/1/1997**, construction was completed on **12/31/1999**, and the Department received the application on **11/1/2001**.

Facility Cost

Claimed Cost	\$504,071
Eligible Cost	<u>\$504,071</u>

Copies of invoices and a project summary report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 20 years. The facility does not have a positive cash flow. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states that the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits or tax credit certificates have been issued to the applicant or at this facility location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Tax Credit Review Report

Pollution Control Facility: Water Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Cheese manufacturer**

Taxpayer ID: **93-1275979**

Columbia River Processing, Inc. is a wholly owned subsidiary of Tillamook County Creamery Association, an Oregon cooperative corporation.

The applicant's address is:

PO Box 313

Tillamook, OR 97141

Directors

Recommendation:

Approve

Applicant

Columbia River Processing, Inc.

Application No.

5843

Facility Cost

\$1,529,795

Percentage Allocable

100%

Maximum Tax Credit

50%

Useful Life

10 years

Facility Identification

The certificate will identify the facility as:

Pretreatment system

The Port of Morrow constructed the pretreatment wastewater facility on the applicant's land. The Port received a grant for \$500,000 and secured a loan for the remaining amount through the Oregon Special Public Works Fund. The applicant signed a promissory note obliging them to pay rent at 1.1 times the debt service on the loan. The Port will retain ownership until the applicant pays the debt in full. The applicant will have the option to purchase the facility for \$1.00 upon full payment. This agreement is a financing instrument similar to a capitalized lease. The applicant will own the facility at the end of the lease for a purchase price far below fair market value; Therefore the applicant is considered the owner and operator of the facility located at:

79588 Rippee Road

Boardman, OR 97818

Technical Information

The applicant claimed 2 Cornell Model 4x4x14T-VS-15-6 sumps, 2 Cornell Model 4x4x14T-VS-75-4 sumps, rotary screens, electrical controls, Two centrifugal pumps, Whey Concentrate and Permeate Water Polishing System reverse osmosis system, sumps, and 500GPM pumps. The claimed facility pretreats industrial waste from cheese manufacturing. It includes a 10,000-gallon primary collection sump, a secondary 20,000-gallon sump, and the associated pumps and piping. Processed wastewater moves through the primary sump and through a screen where heavy solids are captured and directed to a holding tank and then delivered to two exterior dump silos. The remaining wastewater is directed to the secondary sump, and into the wastewater main. The collected waste is delivered to two exterior dump silos for holding.

Plant personnel have been refining the operation of the solids collection system and are working with potential users of the collected solids. In the future, the waste in the Dump Silos will be loaded into trucks and hauled away for animal feed. Until an agreement is reached, however, the solids are being diverted from the Dump Silos to the process wastewater system.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
 ORS 468.165 (6) and
 OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	1/1/2000
<i>Construction Completed</i>	9/1/2001
<i>Facility Placed into Operation</i>	11/1/2001
<i>Application Filed</i>	11/27/2001

Purpose: Required The principal purpose of the claimed facility must be to comply with a requirement imposed by DEQ or EPA to prevent, reduce, or control water pollution. That principal purpose must be the most important or primary purpose of the facility. The facility must have only one primary purpose.
 ORS 468.155
 (1)(a)(A)
 OAR 340-016-0060(2)(a)

TRUE: The facility complies with the applicant's Port of Morrow Wastewater Permit No. 46487 to **control** water pollution.

Method The prevention, control, or reduction must be accomplished by disposal or
 ORS 468.155 elimination of industrial wastewater and the use of a treatment works for
 (1)(b)(A) industrial waste as defined in ORS 468B.005.

"Industrial waste" means any liquid, gaseous, radioactive or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade or business, or from the development or recovery of any natural resources.

"Treatment works" means any plant or other works used for the purpose of treating, stabilizing or holding wastes.

TRUE: Wastewater from cheese manufacturing meets the definition of industrial waste and the pretreatment system meets the definition of a treatment works.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the
 ORS 468.173(1) facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **1/1/2000**, construction was completed on **9/1/2001**, and the Department received the application on **11/27/2001**.

Facility Cost

Claimed Cost	\$1,529,795
Eligible Cost	\$1,529,795

Purchase orders, agreements and invoices paid by Tillamook County Creamery Association substantiated the cost of the claimed facility. The Port of Morrow received a \$500,000 grant to construct the facility. The applicant excluded the amount of the grant before submitting the claimed facility cost. The site visit revealed that the applicant was conservative on claiming the eligible costs; however, the applicant indicated that they would prefer that the application be certified at the lower amount. The Port of Morrow reimbursed Tillamook County Creamery Association for a portion of the facility and then leased that portion to the applicant. The remainder of the facility was leased from Tillamook County Creamery Association to Columbia River Processing, Inc.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 10 years. The facility (the pollution control facility) does not have a positive cash flow. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant is in compliance with Department rules and statutes and with EQC orders. DEQ issued NPDES permit no. 102308 on September 14, 2001. The EQC has not certified any previous tax credits to the applicant or to the location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Thomas R. Hurliman
Application No.	6160
Facility Cost	\$52,240
Percentage Allocable	100%
Maximum Tax Credit	50%
Useful Life	10 years

Tax Credit Review Report

Pollution Control Facility: Water

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **Sole Proprietor**

Business: **Dairy farm that produces raw
milk**

Taxpayer ID: **543-74-4500**

The applicant's address is:

**11777 Old Woods Road
Cloverdale, OR 97112**

Facility Identification

The certificate will identify the facility as:

**One 12' x 60' liquid manure holding
tank with Northwest agitator Model
1305**

**One Cornell 30hp electric pump Model
2.5YM-30-02, Serial # 1157748.06**

The applicant is the **owner and operator** of
the facility located at:

**11777 Old Woods Road
Cloverdale, OR 97112**

Technical Information

The claimed facility is a 12' high x 60' wide liquid manure holding tank used to contain cow manure and contaminated run-off. The agitator and electric pump allow the applicant to apply the manure and run-off in dry weather at an ideal agronomic rate. Prior to the installation of this facility manure mixed with rain contaminated ground and surface water. There is no contaminated storm water runoff and manure from the animal housing area as a result of the claimed facility.

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	5/01/2001
<i>Construction Completed</i>	12/10/2001
<i>Facility Placed into Operation</i>	10/20/2001
<i>Application Filed</i>	5/20/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of water pollution.
ORS 468.155
(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility prevents a substantial quantity of manure run-off from entering nearby streams.

Method The prevention, control, or reduction must be accomplished by disposal or elimination of industrial wastewater and the use of a treatment works for industrial waste as defined in ORS 468B.005.
ORS 468.155
(1)(b)(A)

"Industrial waste" means any liquid, gaseous, radioactive or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade or business, or from the development or recovery of any natural resources.

"Treatment works" means any plant or other works used for the purpose of treating, stabilizing or holding wastes.

TRUE: Manure and contaminated storm water run-off meets the definition of industrial waste and the holding tank and agitator meet the definition of a treatment works.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **12/10/2001** and the Department received the application on **5/20/2002**.

Facility Cost

Claimed Cost	\$52,240
Eligible Cost	\$52,240

Copies of invoices and a project summary report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 10 years. The facility does not have a positive cash flow. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states that the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits or pollution control tax credit certificates have been issued to the applicant at this location. The applicant's CAFO permit # 063368-099 issued by ODA is valid from 7/1/2002 through 6/30/2003.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors
Recommendation: **Approve@ Increased Amount**
Applicant **Boyd Coffee Company**
Application No. **6218**
Facility Cost **\$152,780**
Percentage Allocable **100%**
Maximum Tax Credit **50%**
Useful Life **10 years**

Tax Credit Review Report

Pollution Control Facility: Water Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **S Corp**

Business: **Coffee roaster and manufacturer
of dry food products**

Taxpayer ID: **93-0127630**

The applicant's address is:

**19730 NE Sandy Boulevard
Portland, OR 97230**

Facility Identification

The certificate will identify the facility as:

Effluent pH adjustment system

The applicant is the **Owner/Operator** of the facility located at:

**19730 NE Sandy Boulevard
Portland, OR 97230**

Technical Information

The applicant installed an effluent pH adjustment system to provide surge storage and treatment of process wastewater prior to discharge to the City of Gresham. The system treats two waste streams, one from a food process area and one from an equipment repair area. The system provides metering and flow controls as well as pH effluent recording.

Prior to the installation of this facility, the wastewater was being treated using batch type technology of 4,000 to 5,000 gallons of wastewater a day. The pH of this wastewater was treated manually by adding the appropriate amount of acid or caustic and then releasing the wastewater into the sewer. With no monitoring devices or automated regulators, consistent pH control was impossible. The 5 to 10 pH range requirement imposed by the City of Gresham was often violated.

The new system discharges an average of 6,000 to 7,000 gallons of pretreated wastewater daily, with the capacity to treat approximately 20,000 gallons. The applicant now has consistent control over the pH discharge of their waste stream and remains in compliance with pH requirements.

Eligibility

Timely Filing The application must be filed within one year of the date that construction of the facility was completed if construction was completed on or after January 1, 2002.
ORS 468.165 (6)

TRUE: The applicant filed the application within the one-year timing requirement provided in law.

<i>Construction Started</i>	4/1/2001
<i>Construction Completed</i>	2/28/2002
<i>Facility Placed into Operation</i>	3/1/2002
<i>Application Filed</i>	7/22/2002

Purpose: Required The principal purpose of the claimed facility must be to comply with a requirement imposed by DEQ or EPA to prevent, reduce, or control water pollution. That principal purpose must be the most important or primary purpose of the facility. The facility must have only one primary purpose.
ORS 468.155
(1)(a)(A)
OAR 340-016-0060(2)(a)

TRUE: The facility complies with the 5 to 10 pH range for discharged wastewater imposed by the City of Gresham Industrial Pretreatment Program. Metering and flow controls are for pollution control purposes and unrelated to billing.

Method The prevention, control, or reduction must be accomplished by disposal or elimination of industrial wastewater and the use of a treatment works for industrial waste as defined in ORS 468B.005.
ORS 468.155
(1)(b)(A)

"Industrial waste" means any liquid, gaseous, radioactive or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade or business, or from the development or recovery of any natural resources.

"Treatment works" means any plant or other works used for the purpose of treating, stabilizing or holding wastes.

TRUE: Process wastewater meets the definition of industrial waste because it is a combination of liquid and solid wastes resulting from the food processing and the equipment repair areas. The effluent pH adjustment system meets the definition of a treatment works because it provides surge storage and treatment of process wastewater prior to discharge to the City of Gresham.

Maximum Credit The maximum tax credit available to the applicant is **35%** if construction of the facility was completed on or after January 1, 2002, the application was filed between January 1, 2002 and December 31, 2008, inclusively; and the certified facility cost does not exceed \$200,000.

ORS 468.173(3)(f)
ORS 468.170(10)
ORS 468.165(6)

TRUE: The application was filed on **7/22/2002** and the certified facility cost is **\$152,780**.

Facility Cost

Claimed Cost	\$152,778
Calculation Error	2
Eligible Cost	\$152,780

Copies of invoices and a project summary report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The pH adjust system produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 10 years. The facility does not have a positive cash flow. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. No DEQ permits have been issued to the applicant. City of Gresham Industrial Pretreatment discharge permit #321 expires 07/31/2003.

One certificate was issued to Boyd Coffee Company at this location on 08/29/1969 for a gas-fired afterburner and related controls which eliminate smoke and odorous materials emitted by the coffee roasters.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Portland General Electric Company
Application No.	6261
Facility Cost	\$88,302
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Water

Final Certification

ORS 468.150 -- 468.190

OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**

Business: **Distributes electricity to
residential and commercial users**

Taxpayer ID: **93-0256820**

The applicant's address is:

**121 SW Salmon Street
Portland, OR 97204**

Facility Identification

The certificate will identify the facility as:

Oil spill containment

The applicant is the **Owner/Operator** of the facility located at:

**Murrayhill Substation
14865 SW Scholls Ferry Road
Beaverton, OR 97007**

Technical Information

The applicant claimed an oil-containment system for the transformer located at the Murray Hill substation. The containment system is a geo-membrane shield around the transformer foundation, a geo-membrane lined containment pit and a drainage trench. The shield is equipped with drain rock and piping to direct any spilled oil into the containment pit. The retention pond is lined with an XR-5 style 8130 membrane that is impervious to oil and is sealed to the concrete foundation. The liner is protected from punctures with a geo-fabric (LINQ GTX250EX) under and over the membrane liner. Drain piping is installed around the transformer. A layer of drain rock is placed over the liner and drain piping. Additional drain piping was laid and connected to the containment pit. Piping from the containment pit is connected to the drain trench. The containment system has the capacity to hold the 18,100 gallons of transformer oil. Prior to the facility being installed any spills would have gone directly to the headwaters of Fanno Creek.

Eligibility

Timely Filing
ORS 468.165 (6) and
OAR 340-016-007

The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	7/31/2000
<i>Construction Completed</i>	12/26/2001
<i>Facility Placed into Operation</i>	12/26/2001
<i>Application Filed</i>	8/23/2002

Purpose: Voluntary
ORS 468.155
(1)(a)(B)

The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of water pollution.

OAR 340-016-0060(2)(a)

TRUE: The facility would prevent 18,100 gallons of transformer oil from entering the headwaters of Fanno Creek if a spill were to occur.

Method
ORS 468.155
(1)(b)(A)

The prevention, control, or reduction must be accomplished by disposal or elimination of industrial wastewater and the use of a treatment works for industrial waste as defined in ORS 468B.005.

"Industrial waste" means any liquid, gaseous, radioactive or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade or business, or from the development or recovery of any natural resources.

"Treatment works" means any plant or other works used for the purpose of treating, stabilizing or holding wastes.

TRUE: Transformer oil meets the definition of industrial waste because it is a liquid waste resulting from the transformer operation. Spill containment meets the definition of a treatment works because it holds the waste.

Maximum Credit
ORS 468.173(1)

The maximum tax credit available to the applicant is **50%** if construction of the facility commenced prior to January 1, 2001, construction was completed prior to January 1, 2004, and the application was filed on or before December 1, 2004.

TRUE: Construction of the facility commenced on **7/31/2000**, construction was completed on **12/26/2001**, and the Department received the application on **8/23/2002**.

Facility Cost

Claimed Cost	\$88,302
Eligible Cost	\$88,302

Copies of invoices and a project summary report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 57 years. The facility does not have a positive cash flow. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states that the facility and site are in compliance with Department rules and statutes and with EQC orders. No DEQ permits or pollution control tax credit certificates have been issued to Portland General Electric Company at this location.

Reviewers: Maggie Vandehey, DEQ



State of Oregon
Department of
Environmental
Quality

Directors	
Recommendation:	Approve
Applicant	Portland General Electric Company
Application No.	6262
Facility Cost	\$89,647
Percentage Allocable	100%
Maximum Tax Credit	50%
Certificate Period	10 years

Tax Credit Review Report

Pollution Control Facility: Water Final Certification

ORS 468.150 -- 468.190
OAR 340-016-0005 -- 340-016-0080

Applicant Identification

Organized As: **C Corp**
Business: **Distributes electricity to
residential and commercial users**
Taxpayer ID: **93-0256820**

The applicant's address is:

**121 SW Salmon Street
Portland, OR 97204**

Technical Information

The applicant installed an oil-containment system for the transformer located at the Banks substation. The applicant claimed a geo-membrane shield around the transformer foundation, a geo-membrane lined containment pit and a drainage trench. The shield is equipped with drain rock and piping to direct any spilled oil into the containment pit. The retention pond is lined with an XR-5 style 8130 membrane that is impervious to oil and is sealed to the concrete foundation. The liner is protected from punctures with a geo-fabric (LINQ GTX250EX) under and over the membrane liner. Drain piping is installed around the transformer. A layer of drain rock is placed over the liner and drain piping. Additional drain piping was laid and connected to the containment pit. Piping from the containment pit is connected to the drain trench. Prior to the facility being installed there was potential for 5,967 gallons of transformer oil to drain into a creek, which outfalls into the West Fork of Dairy Creek.

Facility Identification

The certificate will identify the facility as:

Oil spill containment

The applicant is the **owner and operator** of the facility located at:

**Banks Substation
42311 NW Wikesboro Road
Banks, OR 97106**

Eligibility

Timely Filing The application must be filed within two years of the date that construction of the facility was completed if construction was completed on or before December 31, 2001.
ORS 468.165 (6) and
OAR 340-016-007

TRUE: The applicant filed the application within the two-year timing requirement provided in law.

<i>Construction Started</i>	8/1/2001
<i>Construction Completed</i>	9/26/2001
<i>Facility Placed into Operation</i>	9/26/2001
<i>Application Filed</i>	8/23/2002

Purpose: Voluntary The sole purpose, meaning the 'exclusive' purpose, of the claimed facility must be to prevent, control, or reduce a substantial quantity of water pollution.
ORS 468.155

(1)(a)(B)
OAR 340-016-0060(2)(a)

TRUE: The facility prevents 5,967 gallons of transformer oil from entering West Fork Dairy Creek.

Method The prevention, control, or reduction must be accomplished by disposal or elimination of industrial wastewater and the use of a treatment works for industrial waste as defined in ORS 468B.005.
ORS 468.155
(1)(b)(A)

"Industrial waste" means any liquid, gaseous, radioactive or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade or business, or from the development or recovery of any natural resources.

"Treatment works" means any plant or other works used for the purpose of treating, stabilizing or holding wastes.

TRUE: Transformer oil meets the definition of industrial waste because it is a liquid waste resulting from the transformer operation. Spill containment meets the definition of a treatment works because it holds the waste.

Maximum Credit The maximum tax credit available to the applicant is **50%** if construction of the facility was completed on or before December 31, 2001 and the application was filed on or before December 31, 2003.
ORS 468.173(1)
OAR 340-016-0007

TRUE: Construction of the facility was completed on **9/26/2001** and the Department received the application on **8/23/2002**.

Facility Cost

Claimed Cost	\$89,647
Eligible Cost	\$89,647

Copies of invoices and a project summary report substantiated the claimed facility cost.

Facility Cost Allocable to Pollution Control

The following factors were used to determine that **100%** of the facility cost is allocable to pollution control.

Factor	Applied to This Facility
ORS 468.190(1)(a)	Salable/Usable Commodity: The facility produces no salable or usable commodities.
ORS 468.190(1)(b)	Return on Investment (ROI): The functional life of the facility used in considering the ROI is 57 years. The facility does not have a positive cash flow. The percentage of the cost allocable to pollution control is 100% when calculated according to rule.
ORS 468.190(1)(c)	Alternative Methods: No alternative investigated; the claimed facility is considered the best available technology.
ORS 468.190(1)(d)	Savings/Increase Costs: No savings or increases in costs were identified.
ORS 468.190(1)(e)	Other Relevant Factors: No other relevant factors were identified.

Compliance and Other Tax Credits

The applicant states that the facility is in compliance with Department rules and statutes and with EQC orders. No DEQ permits or tax credits have been issued to Portland General Electric Company at this location.

Reviewers: Maggie Vandehey, DEQ

Attachment C

Transfers

The Department recommends that the Environmental Quality Commission (EQC) transfer certificate number 4842 in addition to the two previous transfers presented in Attachment C to Agenda Item E. The EQC's approval to transfer this certificate includes the reissue of the original certificate.

Certificate 4842

Dave Dunlap requests that the EQC transfer the Pollution Control Facilities Tax Credit Certificate to Dave Dunlap and Sandra Brugge (Mr. Dunlap's partner.) The documentation is provided as part of this attachment.


11/27/02 9:41 AM

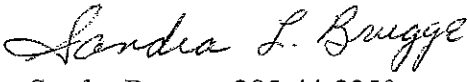
To: Maggie Vandehey

See attached copy Certificate 4842

Per our phone conversation this date, please revise the Tax Credit certificate as follows.

Dave Dunlap & Sandra Brugge


Dave Dunlap 463-40-2203


Sandra Brugge 285-44-2350

Thank you

Dave Dunlap
1744 Pleasant Valley Rd
Merlin Or 97532
541 474-2976



State of Oregon
Department of
Environmental
Quality

811 SW Sixth Ave.
Portland, OR 97204
1 (800) 452-4011
www.deq.state.or.us

Pollution Control Facility Certificate No. 4842

Certificate Holder Dave Dunlap
1744 Pleasant Valley Road
Merlin, OR 97532

Operating as: Individual
Taxpayer ID No: 463-40-2203

Facility Location

1744 Pleasant Valley Road
Merlin, OR 97532

Certified Cost & Percentages

Facility Cost		\$1,700
Percentage Allocable	X	100%
Maximum Percentage	X	50%
Tax Credit		\$ 850

Facility Description

One 9HP Mighty Mac chipper, Model PTE-9, Serial # 515225, 3.5" capacity

The Environmental Quality Commission (EQC) certifies the facility described herein based upon information contained in application number 5920.

The EQC certifies that:

- The facility was erected, constructed or installed in accordance with the requirements of subsection (1) of ORS 468.165; and
- The facility was designed for, and is being operated or will operate to a substantial extent for the purpose of preventing, controlling or reducing NPS pollution; and
- The facility is necessary to satisfy the intents and purposes of ORS Chapters 454, 459, 467 and 468 and rules adopted thereunder.

Therefore, this Pollution Control Facility Certificate is issued this date subject to compliance with the statutes of the State of Oregon, the regulations of the Department of Environmental Quality, and the following special conditions:

1. The facility shall be continuously operated at maximum efficiency for the designed purpose of preventing, controlling, and reducing the type of pollution as indicated above.
2. The Department of Environmental Quality shall be immediately notified of any proposed change in use or method of operation of the facility and if, for any reason, the facility ceases to operate for its intended pollution control purpose.
3. Any reports or monitoring data requested by the Department of Environmental Quality shall be promptly provided.
4. Any portion of the facility described herein is not eligible to receive tax credit certification as an energy conservation facility or a reclaimed plastic facility [ORS 315.324(12) and ORS 315.356(3) and (4)].

Melinda S. Eden, Chair
Environmental Quality Commission

Issued on 3/8/2002

Please use the worksheet on the reverse side to calculate your yearly allowable credit.