



**Tillamook County**  
**PUBLIC WORKS DEPARTMENT**  
*Department of Solid Waste*  
*Waste Prevention and Recycling*

503 Marolf Loop Road  
Tillamook, Oregon 97141  
PH (503) 815-3975  
FAX (503) 842-6473

Email: [recycle@co.tillamook.or.us](mailto:recycle@co.tillamook.or.us)  
[www.co.tillamook.or.us/gov/solidwaste](http://www.co.tillamook.or.us/gov/solidwaste)

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*Land of Cheese, Trees and Ocean Breeze*

TILLAMOOK COUNTY  
**Solid Waste Advisory Committee Meeting**  
Tuesday, March 9, 2021 – 3:00 pm - 5:00 pm

[Virtual meeting](#), call in number: (971) 254-3149, Conference ID: 258 321 658#

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- |   |                       |
|---|-----------------------|
| 1. Call to Order, Welcome and Introductions   | 3:00 – 3:05           |
| 2. Approval of Minutes for January 12, 2021   | 3:05 – 3:10<br>ACTION |
| 3. Approval of Minutes for February 9, 2021   | 3:10 – 3:15<br>ACTION |
| <i>NOTE: Items #4 thru #7 may be discussed together, with action taken on each of them following discussion of all items.</i> |                       |
| 4. Discussion of an alternate Minimum Fee for abandoned RVs   | 3:10 – 3:30<br>ACTION |
| 5. Commingled Rate Discussion   | 3:30 – 3:50<br>ACTION |
| 6. Disposal and Minimum Fees for FY 2021-2022   | 3:50 – 4:10<br>ACTION |
| 7. FY 2021-2022 Budget  | 4:10 – 4:30<br>ACTION |
| 8. Transfer Station Reports   | 4:30 – 4:40           |
| 9. Franchised Hauler Updates  | 4:40 – 4:50           |
| 10. Staff Report  | 4:50 – 4:55           |
| 11. Public Comment  | 4:55 – 5:00           |

12. Adjourn



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**Solid Waste Advisory Committee Meeting Minutes**

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**DATE:** January 12, 2021

**PLACE:** Virtual meeting

**MEMBERS PRESENT:** Ken Henson, Justin Kanoff, Dave Larmouth, Robert Poppe, Julian Macassey, John Longfellow, David Helmricks

**MEMBERS ABSENT:** Tom Jayred

**STAFF PRESENT:** David McCall, SW Program Manager; Chris Laity, PW Director, Mary Faith Bell, County Commissioner

**GUESTS PRESENT:** Tom Lang, Gordon McGraw

**AGENDA ITEM 1 - CALL TO ORDER AND WELCOME AND INTRODUCTIONS:**

Chairperson Henson called the meeting to order at 3:00 pm with a quorum present.

**AGENDA ITEM 2 – APPROVAL OF MINUTES:**

The minutes of November 10, 2020 were presented. With a motion made by Robert Poppe, and seconded by Ken Henson, it was agreed to approve the minutes as presented. Motion carried (7/0).

**AGENDA ITEM 3 – YEAR IN REVIEW:**

Mr. McCall gave a presentation on the activities and achievements during 2020. Questions and answers were accompanied by discussion.

**AGENDA ITEM 4 – SATELLITE TRANSFER STATION OPERATIONS DISCUSSION:**

Following a review of the financial results (budget vs actual) of operating the Manzanita and Pacific City Transfer Stations, discussion was held on the realistic ability to obtain a preferential bid to operate these two sites. The cost to the Solid Waste Budget is less than in the past. The importance of the satellite transfer stations was discussed, including an explanation of how franchised haulers are required to deliver their materials directly to TTS, resulting in the numbers therefore not being easily comparable. Given current operations and financials, as long as the County is willing to continue operating the satellite transfer stations, we table putting the operations out to bid, recommend to the BOCC that we put this off until a further date to look at again, with the anticipation that we staff appropriately at the transfer stations. There was consensus around this.

#### **AGENDA ITEM 5 – TRANSFER STATION REPORTS:**

This was not addressed separately, but during the discussions in Items #3 and #4.

#### **AGENDA ITEM 6 – FRANCHISED HAULER UPDATES:**

City Sanitary Service: Assumed operations of Oceanside Sanitary Service as of 1/1/21. Things going as expected. Have had lots of business, running routes similar to summer schedule, staying busy.

Recology Western Oregon: Not much to report. Not as much drop off in winter as expected. Recent positive COVID test in Warrenton operation led to some recent short-handed as staffing goes through contact tracing and quarantines.

#### **AGENDA ITEM 7 – STAFF REPORT:**

The staff report was included in the packet. We had an incident where a person in close contact with our staff tested positive. The scenario was different than we had anticipated in our contingency plan. It was over the holidays, and thanks to Aaron Averill's help, we were able to operate both Manzanita and Pacific City sites with limited days and in a way that the majority of people probably did not notice a significant difference.

We received notice that we did not receive the DEQ grant.

We have used the mini-MRF, but need more time and experience before we can present a reliable formula for rates.

We had a record year for volumes coming through out transfer stations. The timing is good for the consultant who is working a design for changes at two transfer stations (first Tillamook). A preliminary concept drawing was included in the packet and discussion was held on it.

#### **AGENDA ITEM 8 – PUBLIC COMMENT:**

Larmouth gave an update on HB2065, as well as an Extended Producer Responsibility (EPR) concept bill on the Senate side and a couple other bills, such as Truth in Labeling.

Longfellow relayed concerns from the contracting community that in addition to the asbestos reporting requirements, it is very difficult to get adequate drop boxes for demolition activities, and this extends a single day job into a 5-6 day job. He asked whether in circumstances like this it would be possible to bring in other haulers to compliment available services. Larmouth will look into the situation.

Gordon McGraw relayed that he has been working hardest on getting the vaccination plan together for the County, in addition to weather events, so he has not made progress on the disaster debris plan. Request that Gordon, Chris & David meet before the March SWAC meeting to discuss this, and make real progress before the next fire season arrives.

Tom Lang stressed the importance of emergency planning, not just for fires, but for other disasters such as flooding as well. He appreciated the Year in Review, and the desire to free up Mr. McCall's time from operations, and to look at a strategy for the retention of employees as well.

#### **AGENDA ITEM 9 - ADJOURN:**

Meeting adjourned at 4:38 pm.

Minutes submitted by David McCall



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**Solid Waste Advisory Committee Meeting Minutes**

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**DATE:** February 9, 2021

**PLACE:** Virtual meeting

**MEMBERS PRESENT:** Dave Larmouth, David Helmricks, Justin Kanoff, Robert Poppe, Julian Macassey, Tom Jayred

**MEMBERS ABSENT:** Ken Henson, John Longfellow

**STAFF PRESENT:** David McCall, SW Program Manager; Chris Laity, PW Director

**GUESTS PRESENT:** Nan Devlin, Sarah Absher

**AGENDA ITEM 1 - CALL TO ORDER AND WELCOME AND INTRODUCTIONS:**

Vice-Chairperson Larmouth called the meeting to order at 3:05 pm with a quorum present.

**AGENDA ITEM 2 – APPROVAL OF MINUTES:**

The minutes of January 12, 2021 were not available. This item was tabled until the next meeting.

**AGENDA ITEM 3 – 6-MONTH BUDGET REVIEW:**

Mr. McCall presented the budget vs actual data from the first six months of fiscal year 2020-2021. Questions and answers were accompanied by discussion.

Mr. McCall expressed his concerns with putting together a budget for next fiscal year, given the difficulty anticipating whether the significant increases in materials collected in 2020 will continue, decrease, or increase further. Ms. Absher shared that since 2017 each year has seen a 20% increase in building permits, and that trend is expected to continue. Based on the recovering economy, low anticipated CPI adjustment, and generally strong financial state of our budget, Mr. McCall recommends that we do not implement rate changes this year, but keep our current rates for an additional year. Recommendations were made to use quantities from the past year, rather than anticipating any decrease in volumes.

Discussion was held on expectation of sustained volumes, workloads, and the necessity of filling budgeted positions. General consensus to model the budget in this way.

**AGENDA ITEM 4 – REQUEST TO ADD ADDITIONAL SWAC MEMBERS:**

In recognition of the increased role tourism plays in our community, there is a request to modify Ordinance #4 to include representation from the short-term rental (STR) and tourism sectors. Discussion was held on the importance of cooperating and coordinating between the sectors, as well as the advantages and disadvantages of amending ordinances and increasing the sizes of boards. Direction was given to Mr. McCall

to have a conversation with the commissioners and express our desire to include tourism and STR representation on SWAC, and inquire as to their guidance in how they would like to proceed with this.

**AGENDA ITEM 5 – VARIOUS SOLID WASTE-RELATED LEGISLATIVE BILLS:**

A brief introduction and discussion was held around several bills related to solid waste. HB2065 will be moved to replace SB582.

**AGENDA ITEM 6 – TRANSFER STATION REPORTS:**

All three transfer stations have been experiencing business as usual, with the higher volumes somewhat coming back to more normal levels with the advent of more rainy weather.

**AGENDA ITEM 7 – FRANCHISED HAULER UPDATES:**

City Sanitary Service: No update since last month. Business as usual.

Recology Western Oregon: Haven't heard anything from the other haulers, and we're working as before, with many of us working from home until July.

**AGENDA ITEM 8 – STAFF REPORT:**

The staff report was included in the packet. Mr. McCall emphasized the difficulties in effectively reaching members of the public.

**AGENDA ITEM 9 – PUBLIC COMMENT:**

Kanoff commented on how far we've come in increasing the work involved in increasing the financial stability of the Solid Waste Department.

**AGENDA ITEM 10 - ADJOURN:**

Meeting adjourned at 4:57 pm.

Minutes submitted by David McCall



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*Land of Cheese, Trees and Ocean Breeze*

February 26, 2021

To: Solid Waste Advisory Committee

RE: Agenda Item #4, Rate for Abandoned RVs

A workgroup has been working on a coordinated effort to provide a system to more efficiently address the issue of abandoned RVs throughout the county.

The workgroup has included Oregon Department of Forestry, Tillamook County Department of Community Development, Tillamook County Sheriff, the Port of Tillamook Bay, and Tillamook County Solid Waste.

As the workgroup solidifies the concept, and pools together funding, a request has been made for TCSW to consider either a reduced rate or a flat rate for disposal. It appears that it will be possible to obtain a flat rate for towing, but the variability of different RV weights and contents means that the disposal rate could be as low as \$500 and as high as \$1200, depending on the situation.

SWAC may consider recommending either a reduced rate for this project (like our franchised rate), at least for a limited number of RVs during the first year, or a flat rate of disposal.

This has not been factored into the proposed budget, since the effect of an alternate rate structure for say 20-50 RVs per year on the budget would be minimal, compared to the other variables we are looking at this upcoming year.

Thank you,

David McCall  
Solid Waste Program Manager



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*Land of Cheese, Trees and Ocean Breeze*

February 26, 2021

TO: Solid Waste Advisory Committee

RE: Commingled Rate Structure Proposal

In 2020 we were able to procure a small Material Recovery Facility (mini-MRF), a 4-station hand-sort line. This mini-MRF enables us to sort and separate commingled recyclables locally. This way we can sort and sell recyclables on commodities markets as sorted materials, representing a higher value than mixed materials. This not only improves salability of materials, but also reduces hauling costs and the environmental impact, and makes our local recycling efforts more sustainable.

Until now, City Sanitary Service has been collecting materials on an Every-Other-Week (EOW) collection route, and R-Sanitary has been collecting materials commingled as well. Both collectors have agreed to terms with Don G. Averill Recycling directly. Before trials on the mini-MRF were conducted, commingled materials were baled and shipped to a MRF in the Portland area, at costs that varied, with little transparency.

Following several sorting trials, the materials collected by CSS during one week were weighed and sorted, with the following results:

CSS Commingled		
Accepted Jan 25-28, 2021		
Sorted 2/2-4/2021		
Incoming	9100	%
#2	255	2.8%
frosty	316	3.5%
#1	415	4.6%
Tin & Al	728	8.0%
Paper	319	3.5%
OCC	6300	69.2%
Trash	767	8.4%

It should be noted that in this shipment, the moisture content was very high. This made it difficult to separate paper, and the cardboard was also subjected to a moisture penalty at the point of final use. We also attempted to sort materials which had been previously baled, but that proved prohibitively difficult.

Based on the above results, as well as the time and labor involved with the process, I calculated a value analysis of the material, using current market rates for recyclables (in February 2021):

Incoming commingled rate calculation				
Sorting cost	\$ 125.00	per ton		
Baling cost	\$ 40.00	per ton		
Total cost	\$ 165.00	per ton		
Revenues			%	Value per ton
OCC	\$ 56.00	per ton	69%	\$ 38.77
Paper	\$ -	per ton	4%	\$ -
#1	\$ 70.00	per ton	5%	\$ 3.19
#2	\$ 180.00	per ton	3%	\$ 5.04
frosty	\$ 1,100.00	per ton	3%	\$ 38.20
Tin cans	\$ 130.00	per ton	8%	\$ 10.40
Trash	\$ (84.49)	per ton	8%	\$ (7.12)
Total:	\$ 1,451.51	per ton		\$ 88.48
Net value of materials	\$ (76.52)	per ton		

As a means of reference, a recent report from the Northeast Recycling Council (NERC) showed that based on data from the 19 MRFs they surveyed, the blended value of a ton of recyclables (including the expense of handling and disposing of residuals) was \$53.96 during Q4 of 2020, while their processing costs averaged \$80 per ton. The Continuous Improvement Fund (CIF) in Ontario released a report showing the blended value at \$66.15 during the same period, though processing costs were not shared.

(Paben, J., *Resource Recycling*, Feb. 23, 2021, The details on price spikes for recyclables in two regions)

We should avoid the temptation to compare the data from the reports and our experiences too closely, since the economies of scale available to large MRFs are difficult to compare to our facilities. They should rather be seen as a comparison of the method of calculation.

I propose the following methodology for calculating a commingled rate structure:

I. Regular referencing updates

- Each franchised hauler bringing commingled (or otherwise mixed) materials to TTS will have a load (or 2-3, if applicable) of materials processed and weighed by category each quarter.
- Each quarter the rate structure will be updated using current market prices for the various materials sorted. If a current market price is not readily available, then the pricing trend found in Resource Recycling's market updates may be used.
- This data will be shared with the franchised hauler. The hauler may send a representative to be present or participate in the sorting

process. This will enable the hauler to better address contamination issues, and their contamination reduction plan accordingly.

II. Graduated rate structure

- It is in the interest of all involved to have a transparent system that is also financially viable and responsible.
- Based on the calculated net value of materials delivered by a specific hauler, an acceptance rate will be calculated. The acceptance rate shall be equal to \$25 per ton less than the net value, rounded to the nearest \$5 increment. For example, based on the February example given:

$$$(76.52) - \$25.00 = $(101.52) \text{ rounded to } \$100 \text{ per ton.}$$

III. Repayment of mini-MRF cost.

- The cost of the mini-MRF was \$45,000 (paid from the Sinking Fund), in addition to a \$3,000 generator and approx. \$2,000 of labor and materials that were invested in the generator and putting the system together.
- For the first 1,800 tons of materials processed through the mini-MRF, the Operating Fund (Fund 410) will transfer \$25 per ton to the Sinking Fund. This will be calculated on a quarterly basis by the Solid Waste Program Manager.
- In 2020 CSS and RSan collected a total of 100.82 tons of commingled materials. I have included the equivalent of 300 tons in the FY2021-22 budget.

IV. Operation and payment

- The mini-MRF will be operated and maintained by the operator of the TTS, Don G. Averill Recycling, including staff and fuel/power, as well as regular maintenance to ensure a safe and sustainable of the equipment. The equipment is owned by TCSW.
- In light of the fact that markets change, and some materials must be accumulated for months before an adequate quantity is available to ship and sell, flexibility is important.
- The operator and TCSW may calculate operational costs/payments based on operational costs for some materials, or combine costs with material values for other materials. These arrangements may be adjusted in accordance with monthly market changes, or when left for longer periods of time, at least reviewed and adjusted annually.

I ask you to consider this proposal as the methodology to include commingled recycling in our system, for all franchised haulers, effective July 1, 2021.

Thank you,  
David McCall  
Solid Waste Program Manager

SOLID WASTE FY 2021-22  
DISPOSAL FEE REVENUE PROJECTIONS

	FY2013-14	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21
	tons	tons	tons	tons	tons	tons	tons	tons
Municipal Solid Waste (MSW)								
TTS Public	6,571	7,595	7,359	7,605	7,667	8,551	9,785	11,202
TTS Franchise	13,316	14,241	16,188	17,508	17,487	18,768	19,185	19,020
TTS MF								
TTS Surcharge								
MTS	441	730	1,000	1,153	1,216	600	618	618
MTS MF								
MTS Surcharge								
PCTS	49	64	128	209	290	262	270	270
PCTS MF								
PCTS Surcharge								
<b>TOTAL:</b>	<b>20,377</b>	<b>22,631</b>	<b>24,675</b>	<b>26,475</b>	<b>26,660</b>	<b>28,181</b>	<b>29,858</b>	<b>31,110</b>
YARD DEBRIS (YD)								
TTS	293	253	488	479	426	1,480	1,480	1,480
MTS	111	297	229	405	302	416	416	416
PCTS	11	20	7	24	41	62	85	85
<b>TOTAL:</b>	<b>414</b>	<b>570</b>	<b>724</b>	<b>908</b>	<b>768</b>	<b>1,958</b>	<b>1,981</b>	<b>1,981</b>
<b>GRAND TOTAL:</b>	<b>20,792</b>	<b>23,631</b>	<b>25,574</b>	<b>27,687</b>	<b>27,428</b>	<b>30,139</b>	<b>31,839</b>	<b>33,091</b>

FY2021-22				
tons	Notes for FY2021	\$/ton	Revenue	\$/ton Revenue \$
		Budgeted rates w/ 0% increase		3.44% increase (since last increase)
11,202		\$102.40	\$ 1,147,075	\$105.92 1,186,534
19,020		\$84.49	\$ 1,606,970	\$87.40 1,662,250
\$20.50 -->		\$20.50	\$ 50,000	\$ 20.50 50,000
\$1.50 -->		\$1.50	\$ 35,000	\$ 1.50 35,000
618		\$ 120.00	\$ 74,141	\$ 124.13 76,692
\$10.00 -->		\$10.00	\$ 40,000	\$ 10.00 \$ 40,000
\$12.00 -->		\$12.00	\$ 80,000	\$ 12.00 \$ 80,000
270		\$ 120.00	\$ 32,414	\$ 124.13 33,529
\$10.00 -->		\$10.00	\$ 10,000	\$ 10.00 \$ 10,000
\$12.00 -->		\$12.00	\$ 30,000	\$ 12.00 \$ 30,000
31,110		\$	3,140,600	\$ 3,209,005
1,480		\$ 85.00	\$ 125,786	87.924 \$ 130,113
416		\$ 95.00	\$ 39,520	98.268 \$ 40,879
85		\$ 95.00	\$ 8,106	98.268 \$ 8,385
1,981		\$	173,411	\$ 179,377
33,091		\$	3,314,012	\$ 3,388,382

**Tillamook County**  
**Statement of Budget**  
**Fiscal Year July 1, 2021 - June 30, 2022**  
**Revenues**

**Fund: 410 Solid Waste**

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct No	Funding Source Code	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted	Department
<b>Revenues</b>										
0		0	4225		Federal Grants	0				
0		0	4250		State Grants	0				Admin
0		7,500		44103310444M	DEQ MM Planning Grant/FYE 21	7,500	7,500			Admin
0	4,040	0			Coronavirus Relief Funds	0				Transf Stations
0		0	4290		Local/Community Funding	0				MTS Equip
55,427	145,533	145,000	4237		Solid Waste Surcharges	145,000	160,000			Transf Stations
2,447,540	2,598,421	3,005,000	4362		Solid Waste Fees	3,005,000	3,200,000			Transf Stations
236,087	239,836	235,000	4363		Service Charges	235,000	235,000			Admin
41,234	138,556	93,000	4690		Miscellaneous	93,000	85,500			Admin
2,120	4,885	3,500	4699		Interest	3,500	3,500			Admin
2,782,408	3,131,272	3,489,000			<b>Total Operating Revenue</b>	3,489,000	3,691,500	0	0	
145,479	75,973	175,000	4000		Beginning Balance	350,000	750,000			Admin
145,479	75,973	175,000			<b>Total Other Funding Sources</b>	350,000	750,000	0	0	
2,927,887	3,207,244	3,664,000			<b>Total Revenue</b>	3,839,000	4,441,500	0	0	

**Tillamook County**  
**Statement of Budget**  
**Fiscal Year July 1, 2021 - June 30, 2022**  
**Expense**

<b>Fund:</b>	<b>410 Solid Waste</b>
<b>Dept:</b>	<b>41001 Admin</b>

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct No	Description	FTE	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
<b>Expenditures</b>									
0	0	0	5100	Department Head	0.00	0			
73,730	76,857	80,400	5200	Management/Supervisory	2.00	128,500	128,500		
38,696	3,250	60,000	5300	Professional/Technical	1.50	62,400	62,400		
0	0	0	5400	Administrative/Clerical	0.00	0	0		
57,057	132,249	146,000	5500	Skilled, Service & Maintenance	4.00	147,800	147,800		
14,764	9,590	0	5600	Part-time Temporary	0.00	0			
912	1,609	3,000	5899	Overtime		3,000	3,000		
203	1,216	0	5896	Out of Class Pay		0			
520	5,791	5,000	5897	Leave Buyout		5,100	5,100		
0	0	0	5750	AFSCME Incentive		3,000	3,000		
3.03	3.23	6.50		<b>Total Full-time Equivalent</b>		7.50	7.50	7.50	7.50
185,882	230,561	294,400		<b>Total Salaries</b>		349,800	349,800	0	0
13,857	17,162	23,800	5950	Employer's FICA		27,900	27,900		
2,086	8,637	15,000	5955	Workers Compensation		15,200	15,200		
5,711	0	0	5960	Unemployment		0	0		
47,947	52,325	111,000	5965	Health Insurance		138,700	138,700		
43,286	78,790	97,500	5970	Retirement		118,400	118,400		
4,330	6,080	7,850	5980	VEBA		10,500	10,500		
1,500	1,350	1,600	5990	Uniform Allowance		1,600	1,600		
304,599	394,905	551,150		<b>Total Personal Services</b>		662,100	662,100	0	0
0	0	500	6001	Office Supplies		500	500		
0	0	2,500	6004	Non-Capital Equipment		2,500	2,500		
948	804	3,000	6009	Computer Software & Licensing		3,000	3,000		
0	0	200	6011	Computer Supplies		200	200		
4,203	3,150	5,000	6030	Fuel		5,000	5,000		
1,639	1,160	1,000	6251	Uniforms & Safety Supplies		1,000	1,000		
978	688	1,000	7001	Printing & Advertising		1,000	1,000		
0	0	300	7003	Books & Publications		300	300		
157	81	300	7005	Postage & Shipping		300	300		
1,478	1,252	1,600	7007	Telephone		1,600	1,600		
968	1,490	2,150	7050	Memberships & Dues		2,150	2,150		
1,839	389	4,000	7080	Travel/Training/Mileage		4,000	2,500		
6,770	7,049	12,500	7101	Professional Svcs		12,500	12,500		
9,508	2,007	10,200	7105	Contracted Services		10,200	6,500		
0	2,350	3,000	7110	Legal		3,000	3,000		
0	9	0	7450	R&M/Building & Grounds					
4,406	1,331	5,000	7603	R&M/Vehicles		5,000	5,000		
1,091	22	0	7605	R&M/Equipment		0			
429	0	0	7851	Recycling - Promotion		0			
0	0	500	7899	Misc Materials & Services		500	500		
42,300	57,800	86,540	8001	Indirect Cost Allocation		66,590	66,590		
6,792	8,135	11,500	8002	Intercounty/Insurance		14,500	14,500		
30,000	30,000	30,000	8004	Intercounty/Road Admin		30,000	30,000		
0	0	1,000	8007	Intercounty/IS Support		1,000	1,000		
113,506	117,717	181,790		<b>Total Materials &amp; Services</b>		164,840	159,640	0	0
200	1,323	0	9020	Computers/Office Equipment		0			
0	500	40,000	9030	Vehicles		40,000	60,000		
200	1,823	40,000		<b>Total Capital Outlay</b>		40,000	60,000	0	0
23,667	100,000	100,000	9883	Transfer to SW Sinking		100,000	107,500		
100,000	0	0	9884	Transfer to Post Closure Reserve		0			
123,667	100,000	100,000		<b>Total Transfers Out</b>		100,000	107,500	0	0
75,972	320,136	100,000	9995	Unappropriated Ending Fund Bal		100,000	500,000		
75,972	320,136	100,000		<b>Total Unappr Ending Fund Bal</b>		100,000	500,000	0	0
617,944	934,581	972,940		<b>Total Expenditures</b>		1,066,940	1,489,240	0	0

Current OMB Uniform Guidance Indirect Cost Allocation \$66,590  
Charged - \$66,590

Tillamook County

Statement of Budget

Fiscal Year July 1, 2021 - June 30, 2022

Expense

Fund:	410 Solid Waste
Dept:	41002 Transfer Stations

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct No	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
<b>Expenditures</b>								
0	0	0		<b>Total Salaries</b>	0	0	0	0
0	0	0		<b>Total Personal Services</b>	0	0	0	0
0	1,355	0	6004	Non-Capital Equipment				
915	1,113	1,000	6005	Operating Supplies	1,000	4,000		
0	11,869	2,000	6009	Computer Software & Licensing	2,000	2,000		
1,156	832	3,250	6030	Fuel & Lubricants	3,250	3,500		
0	0	0	7001	Printing & Advertising	0			
1,136	1,560	2,000	7007	Telephone	2,000	2,200		
841	1,390	1,500	7012	Network Fees	1,500	1,500		
13,499	16,006	15,000	7013	Bank Fees	15,000	20,000		
1,975,215	2,013,988	2,200,000	7105	Contracted Services	2,200,000	2,437,960		
20,291	12,647	15,000	7205	Monitoring	15,000	10,000		
1,228	2,895	3,000	7410	Utilities	3,000	3,500		
88,627	28,780	85,710	7450	R&M/Buildings & Grounds	85,710	85,000		
24,165	25,405	21,500	7605	R&M/Equipment	21,500	21,500		
2,677	2,748	3,000	7650	Permit Fees	3,000	3,000		
0	6,954	0	7880	Rebates & Refunds	0	0		
0	0	5,000	8010	Intercounty/Work Crew	5,000	5,000		
2,129,750	2,127,544	2,357,960		<b>Total Materials &amp; Services</b>	2,357,960	2,599,160	0	0
0	0	0	9035	Machinery/Equipment	0	0	0	0
0	0	0	9040	Tillamook T.S.	0	0	0	0
0	0	0	9040	Manzanita T.S.	0	0	0	0
0	0	0	9040	Pacific City T.S.	0	0	0	0
0	0	0		<b>Total Capital Outlay</b>	0	0	0	0
0	0	100,000	9900	Operating Contingency	100,000	100,000		
0	0	100,000		<b>Total Operating Congency</b>	100,000	100,000	0	0
2,129,750	2,127,544	2,457,960		<b>Total Expenditures</b>	2,457,960	2,699,160	0	0

CONTRACTED SERVICES	41002-7105	BUDGET
Don G. Averill Recycling - 410002		#####
Seagull netting		\$ 5,000
composting		\$ 151,520
Shingles/Other		\$ 5,000
Commingled cost		\$ 22,500
MTS - 410003 management		\$ 40,000
MTS - 410003 operating costs		\$ 60,574
PCTS - 410004 management costs		\$ 10,000
PCTS - 410004 operating costs		\$ 28,830
Contingency		\$ 100,000
	\$ 2,437,960	=====
		#####

Tillamook County

Statement of Budget

Fiscal Year July 1, 2021 - June 30, 2022

Expense

Fund:	410 Solid Waste
Dept:	41003 Closed Landfill

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct No	Description	FTE	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
<b>Expenditures</b>									
0	0	0		<b>Total Salaries</b>		0	0	0	0
0	0	0		<b>Total Personal Services</b>		0	0	0	0
686	717	750	7007	Telephone		750	750		
300	312	500	7105	Contracted Services		500	500		
41,859	35,488	50,000	7205	Monitoring		50,000	50,000		
2,593	2,234	3,000	7410	Utilities		3,000	3,000		
491	117	10,000	7450	R&M/Buildings & Grounds		10,000	10,000		
6,150	1,697	10,000	7605	R&M/Equipment		10,000	10,000		
276	276	500	7650	Permit Fees		500	500		
0	0	0	7899	Misc Materials & Services		0	0		
2,264	2,668	3,000	8002	Intercounty/Insurance		3,000	3,000		
0	0	2,500	8010	Intercounty/Work Crew		2,500	2,500		
54,619	43,509	80,250		<b>Total Materials &amp; Services</b>		80,250	80,250	0	0
0	0	0	9035	Machinery/Equipment		0	20,000	0	0
0	0	0	9040	Buildings/Improvements		0	0	0	0
0	0	0		<b>Total Capital Outlay</b>		0	20,000	0	0
0	0	0	9900	Operating Contingency		0	0	0	0
0	0	0		<b>Total Contingency</b>		0	0	0	0
54,619	43,509	80,250		<b>Total Expenditures</b>		80,250	100,250	0	0

Tillamook County

Statement of Budget

Fiscal Year July 1, 2021 - June 30, 2022

Expense

Fund:	410 Solid Waste
Dept:	41004 RHC

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct No	Description	FTE	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
<b>Expenditures</b>									
0	0	0		<b>Total Salaries</b>		0	0	0	0
0	0	0		<b>Total Personal Services</b>		0	0	0	0
50		0	6001	Office Supplies		0			
0	3								
668	688	750	7007	Telephone		750	750		
0	0	0	7080	Travel & Mileage		0			
0	1,076	0	7205	Monitoring					
533	494	600	7410	Utilities		600	600		
1,796	340	1,500	7450	R&M/Building & Grounds		1,500	1,500		
8,263	3,400	5,000	7605	R&M/Equipment		5,000	5,000		
0	0	5,000	7835	Code Enforcement Program		5,000	5,000		
98,545	73,167	97,000	7850	Hazardous Waste Program		97,000	97,000		
15,337	22,348	40,000	7851	Recycling-Promotion		40,000	40,000		
382	96	3,000	7853	No-Charge Dispos		3,000	3,000		
0		0	8010	Intercounty/Work Crew		0			
0		0	8011	Intercounty/Code Enforcement		0			
125,575	101,611	152,850		<b>Total Materials &amp; Services</b>		152,850	152,850	0	0
0	0	0	9020	Computers/Office Equipment		0	0	0	0
0	0	0	9040	Buildings		0	0	0	0
0	0	0	9035	Machinery & Equipment		0	0	0	0
0	0	0		<b>Total Capital Outlay</b>		0	0	0	0
125,575	101,611	152,850		<b>Total Expenditures</b>		152,850	152,850	0	0

**Tillamook County**  
**Statement of Budget**  
**Fiscal Year July 1, 2021 - June 30, 2022**  
**Summary**

**Fund: 410 Solid Waste**

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
304,599	394,905	551,150	<b>Total Personal Services</b>	662,100	662,100	0	0
2,423,450	2,390,380	2,772,850	<b>Total Materials &amp; Services</b>	2,755,900	2,991,900	0	0
200	1,823	40,000	<b>Total Capital Outlay</b>	40,000	80,000	0	0
123,667	100,000	100,000	<b>Total Transfers Out</b>	100,000	107,500	0	0
0	0	100,000	<b>Total Contingency</b>	100,000	100,000	0	0
75,972	320,136	100,000	<b>Total Unappr Ending Fund Balance</b>	100,000	500,000	0	0
<u>2,927,887</u>	<u>3,207,244</u>	<u>3,664,000</u>	<b>Solid Waste Fund Totals</b>	<u>3,758,000</u>	<u>4,441,500</u>	<u>0</u>	<u>0</u>
3.03	3.23	6.50	<b>Total FTE</b>	7.50	7.50	7.50	7.50

**Tillamook County**  
**Statement of Budget**  
**Fiscal Year July 1, 2021 - June 30, 2022**  
**Revenues**

<b>Fund:</b> 420 Solid Waste Sinking
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FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct No	Funding Source Code	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted	Department
<b>Revenues</b>										
6,750		0	4670		Refunds & Reimbursements	0				
11,190	11,791	10,000	4699		Interest	10,000	5,000			
<b>Total Operating Revenue</b>						10,000	5,000	0	0	
598,360	488,709	440,000	4000		Beginning Balance	540,000	550,000			
23,667	100,000	100,000	4806		Transfer from Solid Waste	100,000	107,500			
<b>Total Other Funding Sources</b>						640,000	657,500	0	0	
<b>Total Revenue</b>						650,000	662,500	0	0	

**Tillamook County**  
**Statement of Budget**  
**Fiscal Year July 1, 2021 - June 30, 2022**  
**Expenditures**

<b>Fund:</b>	<b>420 Solid Waste Sinking</b>
<b>Dept:</b>	<b>42000 Solid Waste Sinking</b>

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct No	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
<b>Expenditures</b>								
0	0	0	6004	Non-Capital Equipment	0	0	0	0
0	0	0	7103	Consultant Engineering	0	0	0	0
0	0	0	7899	Misc. Materials & Services	0	0	0	0
0	0	0	<b>Total Materials &amp; Services</b>		0	0	0	0
0	0	0	9015	Furniture/Fixtures	0			
0	0	0	9020	Computers/Office Equipment	0			
117,000	0	75,000	9035	Machinery/Equipment	75,000			
34,258	0	100,000	9040	Buildings & Improvements	100,000	100,000		
0	52,267	250,000	9040	Transfer Stations Capital Projects	250,000	400,000		
151,258	52,267	425,000	<b>Total Capital Outlay</b>		425,000	500,000	0	0
0	0	0	9800	Transfer to General Fund	0	0	0	0
0	0	0	9810	Transfer to Road Fund	0	0	0	0
0	0	0	<b>Total Transfers Out</b>		0	0	0	0
0	0	0	9900	Contingency	0	12,500	0	0
0	0	0	<b>Total Contingency</b>		0	12,500	0	0
488,709	548,233	125,000	9995	Unappropriated Ending Fund Balance	125,000	150,000		
488,709	548,233	125,000	<b>Total Unappr Ending Fund Balance</b>		125,000	150,000	0	0
639,967	600,500	550,000	<b>Total Expenditures</b>		550,000	662,500	0	0

Current OMB A-87 Indirect Cost Allocation \$126  
Charged \$0

**Tillamook County**  
**Statement of Budget**  
**Fiscal Year July 1, 2021 - June 30, 2022**  
**Summary**

<b>Fund:</b> <b>420 Solid Waste Sinking</b>
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FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
0	0	0	<b>Total Personal Services</b>	0	0	0	0
0	0	0	<b>Total Materials &amp; Services</b>	0	0	0	0
151,258	52,267	425,000	<b>Total Capital Outlay</b>	425,000	500,000	0	0
0	0	0	<b>Total Transfers Out</b>	0	0	0	0
0	0	0	<b>Total Contingency</b>	0	12,500	0	0
488,709	548,233	125,000	<b>Total Unappr Ending Fund Balance</b>	125,000	150,000	0	0
<u>639,967</u>	<u>600,500</u>	<u>550,000</u>	<b>SW Sinking Fund Totals</b>	<u>550,000</u>	<u>662,500</u>	<u>0</u>	<u>0</u>

Tillamook County  
Statement of Budget  
Fiscal Year July 1, 2021 - June 30, 2022  
Revenues

Fund: 430 Solid Waste Post Closure Reserve

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct Nc	Funding Source Code	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted	Department
<b>Revenues</b>										
19,929	25,316	25,000	4699		Interest	25,000	10,000			
<u>19,929</u>	<u>25,316</u>	<u>25,000</u>			<b>Total Operating Revenue</b>	<u>25,000</u>	<u>10,000</u>	<u>0</u>	<u>0</u>	
917,800	1,037,729	1,060,000	4000		Beginning Balance	1,065,000	1,070,000			
100,000	0	0	4806		Transfer from Solid Waste	0				
<u>1,017,800</u>	<u>1,037,729</u>	<u>1,060,000</u>			<b>Total Other Funding Sources</b>	<u>1,065,000</u>	<u>1,070,000</u>	<u>0</u>	<u>0</u>	
<u>1,037,729</u>	<u>1,063,044</u>	<u>1,085,000</u>			<b>Total Revenue</b>	<u>1,090,000</u>	<u>1,080,000</u>	<u>0</u>	<u>0</u>	

**Tillamook County**  
**Statement of Budget**  
**Fiscal Year July 1, 2021 - June 30, 2022**  
**Expenditures**

<b>Fund:</b>	<b>430 SW Post Closure Reserve</b>
<b>Dept:</b>	<b>43000 SW Post Closure Reserve</b>

FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Acct No	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
<b>Expenditures</b>								
0	0	0		<b>Total Materials &amp; Services</b>	0	0	0	0
0	0	0		<b>Total Capital Outlay</b>	0	0	0	0
0	0	0		<b>Total Transfers Out</b>	0	0	0	0
0	0	0	9900	Contingency	0	0	0	0
0	0	0		<b>Total Contingency</b>	0	0	0	0
1,037,729	1,063,044	1,085,000	9995	Unappropriated Ending Fund Balance	1,085,000	1,080,000		
1,037,729	1,063,044	1,085,000		<b>Total Unappr Ending Fund Balance</b>	1,085,000	1,080,000	0	0
1,037,729	1,063,044	1,085,000		<b>Total Expenditures</b>	1,085,000	1,080,000	0	0

**Tillamook County**  
**Statement of Budget**  
**Fiscal Year July 1, 2021 - June 30, 2022**  
**Summary**

<b>Fund:</b>	<b>430 SW Post Closure Reserve</b>
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FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Adopted	Description	FY 21-22 Requested	FY 21-22 Proposed	FY 21-22 Approved	FY 21-22 Adopted
0	0	0	<b>Total Personal Services</b>	0	0	0	0
0	0	0	<b>Total Materials &amp; Services</b>	0	0	0	0
0	0	0	<b>Total Capital Outlay</b>	0	0	0	0
0	0	0	<b>Total Transfers Out</b>	0	0	0	0
0	0	0	<b>Total Contingency</b>	0	0	0	0
1,037,729	1,063,044	1,085,000	<b>Total Unappr Ending Fund Balance</b>	1,085,000	1,080,000	0	0
<u>1,037,729</u>	<u>1,063,044</u>	<u>1,085,000</u>	<b>SW Post Closure Res Fund Totals</b>	<u>1,085,000</u>	<u>1,080,000</u>	<u>0</u>	<u>0</u>



**Tillamook County**  
**PUBLIC WORKS DEPARTMENT**  
*Department of Solid Waste*  
*Waste Prevention and Recycling*

503 Marolf Loop Road  
Tillamook, Oregon 97141  
PH (503) 815-3975  
FAX (503) 842-6473

Email: [recycle@co.tillamook.or.us](mailto:recycle@co.tillamook.or.us)  
[www.co.tillamook.or.us/gov/solidwaste](http://www.co.tillamook.or.us/gov/solidwaste)

*Land of Cheese, Trees and Ocean Breeze*

March 1, 2021

**Staff Report**  
To the Solid Waste Advisory Committee

**I. HHW Event**

Our first HHW event of the year was very well attended – 137 customers. This is by far the most people we have ever had at a February event (which have always had less than 100 people until now).

It looks like NAHMMA is ready to start conducting 8-hour HAZWOPER refresher courses online, which will bring us back in line with standard requirements. This also means that they should be getting ready to offer a 24-hour class so that we can get some people trained.

**II. Transfer Station Staffing**

With the addition of two new transfer station attendants, we are now fully staffed at both MTS and PCTS – for the time being. We will be looking for seasonal help (through the temp agency) to come on board for the summer – probably starting in late April or early May, so that we're ready for another busy summer season.

**III. Plastic sales**

We were able to coordinate our efforts at MTS and TTS and sell our combined plastics bales at a good price directly to a Canadian processing facility. This week we are shipping out a full truck of #2 plastics to British Columbia and a full truck of #1 bottles to Alberta. Thanks to current market trends, the fact that we can load an entire truck of one material, and the quality of our material, we were able to sell at prices higher than ever before. We are relieved to have the freed up storage space as well!

**IV. Plastics Recycling Equipment**

We have placed an order for a 40-50 kg/hour plastics shredder and an extruder. It is our intention to be able to recycle bottle caps, lids, tubs, as well as some plastic clamshells and some other items that commonly appear in our recycling area, though we are not able to recycle them at this time.

The end product would be plastic lumber, which we can use as the lumber on roadside sandwich board-style barricades, signposts, etc. As we gain experience with this

equipment, we will experiment with further type of lumber – since I am sure the supply of plastic materials will not end soon!

## V. Reusable Propane Tank Pilot

One of our new employees at MTS, Justin, spent the past three years working at the California Product Stewardship Council, before relocating to Oregon. One of the projects he was involved with was introducing reusable 1-lb propane tanks, aimed at replacing the single-use small green propane tanks we encounter so often.

Justin and I had a meeting with County Parks, and we are working on a proposal to begin a trial at Barview Campground. We would like to be able to offer a system in which a reusable tank can be purchased, and then exchanged for a refilled one at a lower price. Justin is looking into vending machines, especially ones that take (only) credit cards. Our experience with this pilot would provide valuable information towards potentially rolling out such a system in other areas as well.

## VI. Postponed Outreach Events

It is unfortunate that many of our outreach events are being cancelled once again this year. The Children's Clean Water Festival went virtual, and the Home & Garden Show has been postponed until Autumn.

## VII. Upcoming events

- a. Business (CEG) Hazardous Waste Collection Event  
March 5<sup>th</sup> (registration required!)
- b. Household Hazardous Waste Collection Event  
March 6<sup>th</sup>
- c. SWAC meeting  
March 9<sup>th</sup>
- d. SWAC meeting  
April 13<sup>th</sup>
- e. Household Hazardous Waste Collection Event  
May 1<sup>st</sup>
- f. SWAC meeting (Rate Reviews)  
May 11<sup>th</sup>

David McCall  
Solid Waste Program Manager