

1. Meeting Documents

Documents:

[MAY 2017 AGENDA.PDF](#)
[MAY 2017 DIGITAL MAP.PDF](#)
[MAY 2017 FINANCIAL GRAPHS.PDF](#)
[MAY 2017 FINANCIAL STATS.PDF](#)
[MAY CALENDAR.PDF](#)
[MAY STAFF REPORT.PDF](#)
[APRIL MINUTES.PDF](#)

**Teton County Integrated Solid Waste and Recycling
Advisory Board Meeting Agenda**

**Location: ISWR Conference Room, 3270 S. Adams Canyon Road, Jackson, Wyoming
Thursday, May 4, 2017, 3-5pm**

ISWR's Mission

***Reduce, reuse, recycle, and manage municipal solid waste
throughout Teton County, Wyoming, in an efficient and environmentally-sound manner.***

- 3:00 *Action Item:* Review and approve minutes from April 13 board meeting
- 3:05 Report from Board Chairman (Phil Cameron)
 - Board effectiveness survey
- 3:25 Update from County Commission Liaison (Paul Vogelheim)
- 3:35 Treasurer's Report (Joe Kola and staff)
 - Monthly finance update
- 3:45 Committee and Staff Reports
 - Hiring Update
 - Education/Outreach/PR/RRR (Phil Cameron and staff)
 - Compost Planning (Jessica Wireman and Heather Overholser)
 o Food Waste Collection Pilot
 o Compost operations contract
 - Zero Waste Planning (Heather Overholser and Mari Allan Hanna)
 - Facilities Planning (Katie Dahlgren and Heather Overholser)
 o TWW Project Updates
 ▪ Waste excavation and grading
 ▪ Trash Transfer Station Planning, interim TTS
 ▪ Overall project schedule and budget
- 5:00 Adjourn

ISWR Digital Map: April 2017

The following digital map provides a summary of ISWR's digital footprint for the past month. Each monthly report lists recent social media posts, identifies current hashtags and offers suggestions for sample posts, so that board members and followers can contribute to our digital voice, see "How you can help" below.

April Summary

Facebook (Jackson Community Recycling)

Apr 7 – Shared video from EcoCycle Solutions Hub recognizing the importance of Zero Waste partnerships (75 reached)

Apr 10 – Reuse Resource Guide Participation Request (455 reached)

Apr 14 – Spotlight on Sustainability Series Event (530 reached)

Apr 19 – Yard Waste bags Announcement (374 reached)

(April total reach = 1434)

Instagram (tetoncountyiswr)

Followers 73 (up from 44 in February) Following 80 (up from 63 in February)

April 13 – Post from the ISWR table at Family Literacy Night at Teton County Library

April 13 – Second post from the ISWR table at Family Literacy Night at Teton County Library

April 19 – Yard waste bags announcement

April 20 – Sustainability Series event announcement

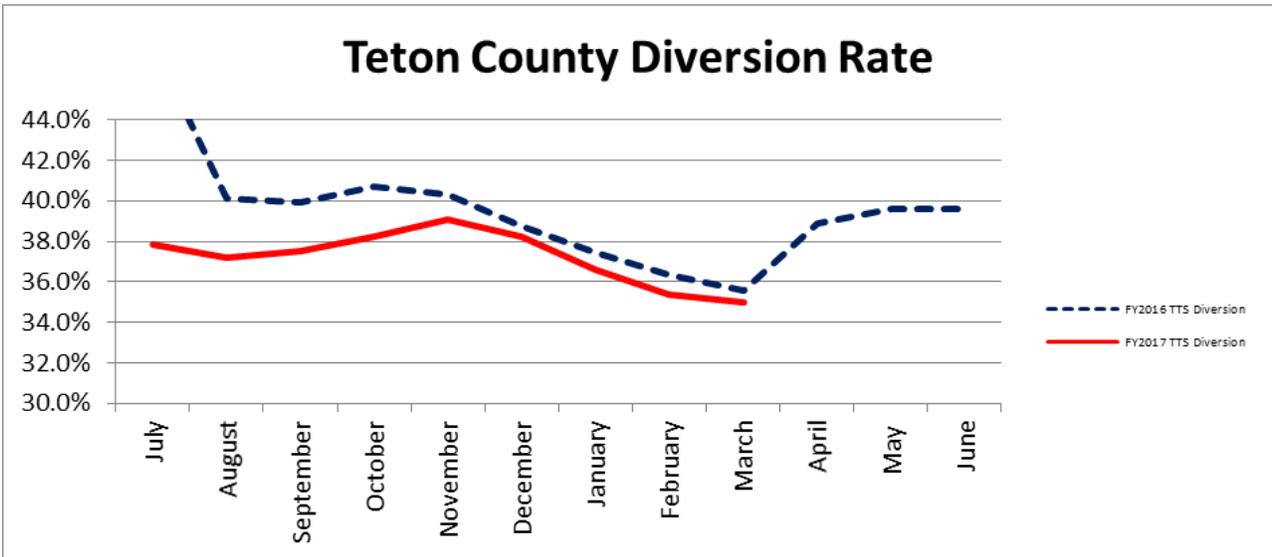
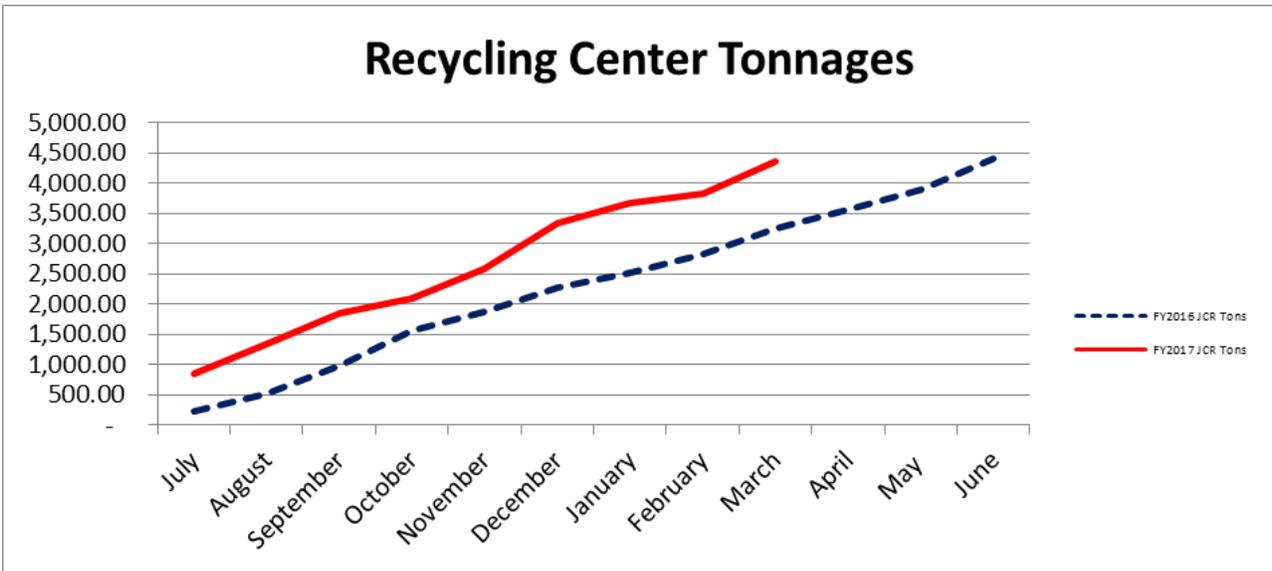
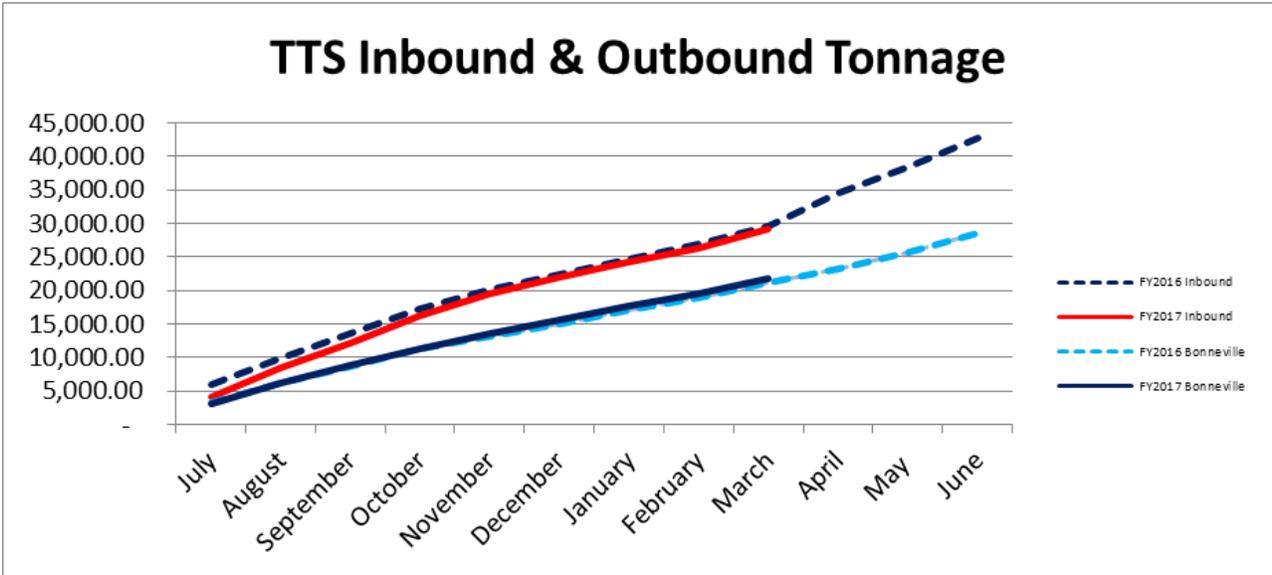
April 25 – Spotlight on an RRR Business Leader's inspiring RRR message.

Website Updates

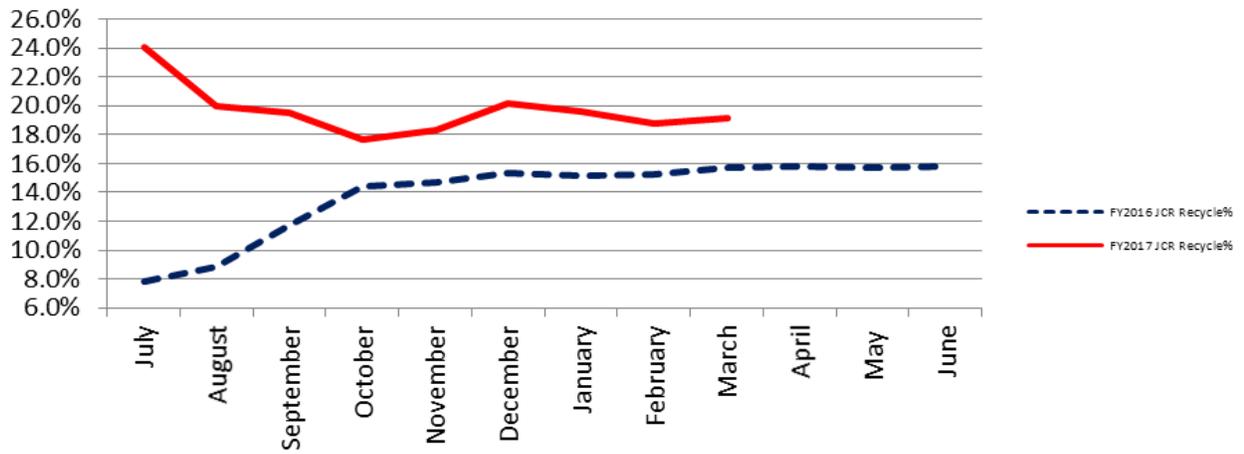
[Spring Clean Up Posting](#)

How you can help!

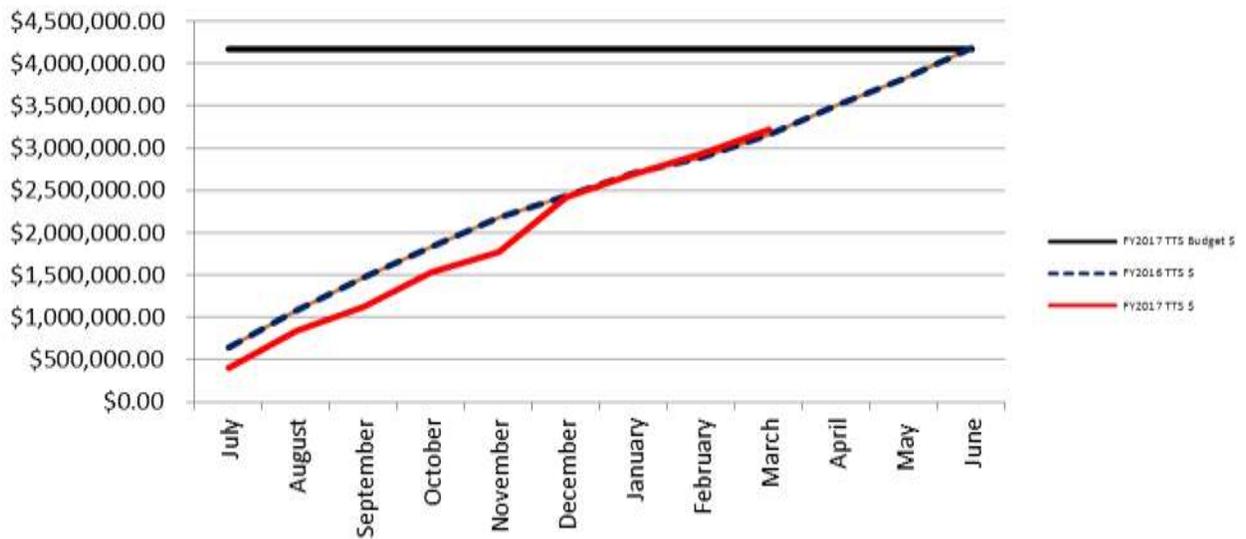
- Let us know how to find you on social media so that ISWR can follow you too!
- Post and tag a photo of your first trip to the new Recycling Center.
- Post about your daily reduce, reuse, recycle and compost related experiences. **Use the hashtag #howdoyourrr and tag ISWR.**
- Create a social media post chronicling your Household Hazardous Waste appointment.
- Post a message about your reaction to the Reuse Resource Guide. What new reuse opportunity did you discover?



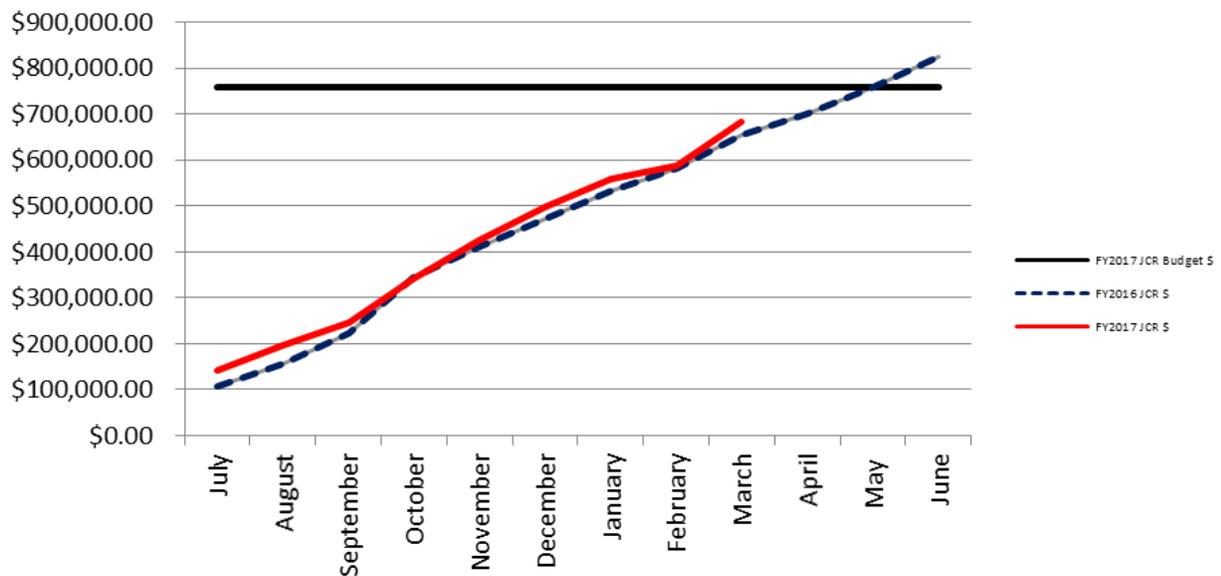
General Waste Recycled



TTS Revenues



Recycling Center Revenues



**TETON COUNTY INTEGRATED SOLID WASTE AND RECYCLING
SUMMARY STATISTICS - FY 2017 (7/1/16 - 6/30/17)**

DESCRIPTION	Units	July, 16	Aug, 16	Sept, 16	Oct, 16	Nov, 16	Dec, 16	Jan, 17	Feb, 17	Mar, 17	FYTD	Variance from FY16
Diversion:												
Total Inbound MSW Received @ TTS & Recycling Ctr	Wt (tons)	4,836.62	4,836.40	4,320.58	4,353.97	3,782.17	3,196.61	2,661.43	2,223.28	3,415.08	33,626.14	2.41%
Total Inbound MSW Received @ TTS	Wt (tons)	3,993.45	4,352.73	3,793.35	4,123.07	3,290.40	2,436.15	2,334.96	2,071.02	2,862.76	29,257.89	-1.11%
Total Outbound Trash - Shipped to Bonneville Landfill	Wt (tons)	3,006.49	3,066.80	2,669.64	2,594.23	2,141.03	2,171.98	2,084.36	1,791.22	2,347.63	21,873.38	3.37%
Total - TTS Diverted	Wt (tons)	986.96	1,285.93	1,123.71	1,528.84	1,149.37	264.17	250.60	279.80	515.13	7,384.51	-12.38%
Total - Recycling Ctr Diverted	Wt (tons)	843.17	483.67	527.23	230.90	491.77	760.46	326.47	152.26	552.32	4,368.25	34.53%
% of Total Waste/Recycling Diversion (from TTS)	Percent	20.4%	26.6%	26.0%	35.1%	30.4%	8.3%	9.4%	12.6%	15.1%	22.0%	-14.45%
% of Total Waste/Recycling Diversion (from RC)	Percent	17.4%	10.0%	12.2%	5.3%	13.0%	23.8%	12.3%	6.8%	16.2%	13.0%	31.36%
% of Total Waste/Recycling Diversion (from TTS & RC)	Percent	37.8%	36.6%	38.2%	40.4%	43.4%	32.1%	21.7%	19.4%	31.3%	35.0%	-1.71%
Transport Cost to Bonneville County:												
Solid Waste Transfer Cost (per Yellow Iron Contract)	(\$/Ton)	\$85,717.44	\$83,846.31	\$72,987.96	\$70,926.25	\$58,535.76	\$59,381.93	\$56,986.40	\$48,971.95	\$64,184.20	\$601,538.21	5.41%
Bonneville Solid Waste Disposal	(\$/Month)	\$114,246.62	\$116,538.40	\$101,446.32	\$98,580.74	\$81,359.14	\$82,535.24	\$79,205.68	\$68,066.36	\$89,209.94	\$831,188.44	3.48%
TTS O & M (per Yellow Iron Contract)	(\$/Month)	\$35,490.90	\$35,490.90	\$35,490.90	\$35,490.90	\$35,490.90	\$35,490.90	\$35,490.90	\$35,490.90	\$35,490.90	\$319,418.10	2.00%
Cost/Ton (using current month tonnage transported to B.C.)	(\$/Ton)	\$78.32	\$76.91	\$78.63	\$79.02	\$81.92	\$81.68	\$82.37	\$85.15	\$80.46	\$80.50	0.36%
Total Cost	(\$)	\$235,454.96	\$235,875.61	\$209,925.18	\$204,997.89	\$175,385.80	\$177,408.07	\$171,682.98	\$152,529.21	\$188,885.04	\$1,752,144.75	3.86%
ISWR Operating Revenue:												
Total Operating Revenue from Revenue Sheet	(\$)	\$544,385.82	\$485,739.46	\$342,370.91	\$506,789.01	\$319,054.47	\$719,376.82	\$331,868.16	\$275,510.18	\$388,606.82	\$3,913,701.65	-7.67%
ISWR Operating Expenditures:												
Total Operating Costs/Expenditures	(\$)	\$678,167.68	\$436,948.08	\$777,737.07	-\$66,796.97	\$645,097.33	\$354,330.11	\$309,897.67	\$365,583.95	\$387,694.90	\$3,888,659.82	20.53%
Net (Rev/Exp)		-\$133,781.86	\$48,791.38	-\$435,366.16	\$573,585.98	-\$326,042.86	\$365,046.71	\$21,970.49	-\$90,073.77	\$911.92	\$25,041.83	

**TETON COUNTY INTEGRATED SOLID WASTE AND RECYCLING
SUMMARY STATISTICS - FY 2016 (7/1/15 - 6/30/16)**

DESCRIPTION	Units	July, 15	Aug, 15	Sept, 15	Oct, 15	Nov, 15	Dec, 15	Jan, 16	Feb, 16	Mar, 16	FYTD
Diversion:											
Total Inbound MSW Received @ TTS & Recycling Ctr	Wt (tons)	6,179.07	4,085.74	4,231.80	4,410.18	2,997.88	2,738.46	2,492.78	2,667.56	3,031.46	32,834.93
Total Inbound MSW Received @ TTS	Wt (tons)	5,947.80	3,811.74	3,757.71	3,831.10	2,693.53	2,337.89	2,238.39	2,364.06	2,605.55	29,587.77
Total Outbound Trash - Shipped to Bonneville Landfill	Wt (tons)	3,230.00	2,915.64	2,559.84	2,502.92	1,870.57	2,008.29	1,889.38	1,994.70	2,188.21	21,159.55
Total - TTS Diverted	Wt (tons)	2,717.80	896.10	1,197.87	1,328.18	822.96	329.60	349.01	369.36	417.34	8,428.22
Total - Recycling Ctr Diverted	Wt (tons)	231.27	274.00	474.09	579.08	304.35	400.57	254.39	303.50	425.91	3,247.16
% of Total Waste/Recycling Diversion (from TTS)	Percent	44.0%	21.9%	28.3%	30.1%	27.5%	12.0%	14.0%	13.8%	13.8%	25.7%
% of Total Waste/Recycling Diversion (from RC)	Percent	3.7%	6.7%	11.2%	13.1%	10.2%	14.6%	10.2%	11.4%	14.0%	9.9%
% of Total Waste/Recycling Diversion (from TTS & RC)	Percent	47.7%	28.6%	39.5%	43.2%	37.6%	26.7%	24.2%	25.2%	27.8%	35.6%
Transport Cost to Bonneville County:											
Solid Waste Transfer Cost (per Yellow Iron Contract)	(\$/Ton)	\$90,084.00	\$78,139.15	\$68,603.71	\$67,125.69	\$50,131.28	\$53,822.17	\$50,635.38	\$53,457.96	\$58,644.03	\$570,643.38
Bonneville Solid Waste Disposal	(\$/Month)	\$122,743.00	\$110,794.32	\$97,273.92	\$94,267.74	\$71,081.66	\$76,315.02	\$71,796.44	\$75,798.60	\$83,151.98	\$803,222.68
TTS O & M (per Yellow Iron Contract)	(\$/Month)	\$34,795.00	\$34,795.00	\$34,795.00	\$34,795.00	\$34,795.00	\$34,795.00	\$34,795.00	\$34,795.00	\$34,795.00	\$313,155.00
Cost/Ton (using current month tonnage transported to B.C.)	(\$/Ton)	\$76.66	\$76.73	\$78.39	\$78.38	\$83.40	\$82.13	\$83.22	\$82.24	\$80.70	\$80.21
Total Cost	(\$)	\$247,622.00	\$223,728.47	\$200,672.63	\$196,188.43	\$156,007.94	\$164,932.19	\$157,226.82	\$164,051.56	\$176,591.01	\$1,687,021.06
ISWR Operating Revenue:											
Total Operating Revenue from Revenue Sheet	(\$)	\$734,071.67	\$485,876.35	\$435,244.21	\$989,626.74	\$380,907.66	\$318,711.26	\$331,718.27	\$226,841.42	\$336,010.80	\$4,239,008.38
ISWR Operating Expenditures:											
Total Operating Costs/Expenditures	(\$)	\$566,471.46	\$417,174.78	\$376,046.41	\$8,684.35	\$405,693.24	\$364,555.55	\$412,058.08	\$327,476.23	\$348,010.28	\$3,226,170.38
Net (Rev/Exp)		\$167,600.21	\$68,701.57	\$59,197.80	\$980,942.39	-\$24,785.58	-\$45,844.29	-\$80,339.81	-\$100,634.81	-\$11,999.48	\$1,012,838.00



Teton County ISWR Advisory Board Calendar

May 2017

Green = Meeting Blue = Event

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
	1	2 9am BCC meeting- tip fees and food waste collection contract 1pm – Interim Transfer Station bids due at Engineering conference room	3 Heather to Lander for Wyoming Solid Waste and Recycling Association meeting	4 3pm ISWR Advisory Board Meeting at ISWR	5 GTNP Food Waste Collection Pilot site visits	6
7	8 6pm - Planning Commission Hearing at BCC Chambers (ITS DEV and CUP permit applications)	9	10 Reuse Resource Guide Publication Date	11	12	13 Eco-Fair 12-4pm Base of Snow King ISWR booth in Tent #2 Come Volunteer!
14	15	16	17	18	19	20 Maker Faire 12-4pm Teton Science Schools Jackson Volunteers Needed!
21	22	23	24	25 2pm Finance Committee Mtg. at ISWR	26	27
28	29	30	31			

Notes

- Next ISWR Advisory Board Meeting June 1, 3-5pm at ISWR
- Upcoming volunteer opportunities:
 - Eco-Fair, Saturday, May 13, 12pm-4pm
 - Spring Cleanup, Monday, May 15, 9am-5pm
 - Maker Faire, Saturday, May 20, 12pm-4pm

To: ISWR Advisory Board
From: ISWR Staff
Date: May 4, 2017
Re: Staff Report

1) Animal Carcass Disposal Planning –Project with University of Wyoming

ISWR's carcass disposal project was selected by the University of Wyoming for this spring's Environmental Solutions in Jackson Hole course. We are working with three undergrad students and one graduate student. Students are currently preparing their project plans, and will be in residence at the Murie Center from May 15-June 9, with a presentation scheduled for June 8. A final report will be submitted to ISWR by June 30. Doug Wachob who is the Interim Dean of the Haub School of Environment and Natural Resources and a former faculty member at Teton Science Schools is the lead faculty ISWR's project. Board members will all be invited to their final presentation on June 8.

2) Groundwater Sampling and Analysis Contract RFP

The groundwater sampling and analysis contract expires on September 30, 2017. Heather will put this out for bid in May or June.

3) ISWR is (still) hiring

We are interviewing for the Waste Diversion Outreach Coordinator position this week, and hope to make a selection by early next week. We are also interviewing this week for the part-time Scale Operator position, and the Recycling Operations position is still posted until Friday: <http://www.tetonwyo.org/HR/employment/recycling-operator-61441/>.

4) WSWRA Board of Directors

Heather is attending a meeting of the Wyoming Solid Waste and Recycling Association Board of Directors in Lander on Wednesday, May 3.

5) Grand Teton National Park Food Waste Collection Pilot

Following is from Heather's BCC staff report:

Meeting Date: May 2, 2017

Presenter: Heather Overholser

Submitting Dept: ISWR/Public Works

Subject: Consideration of Food Waste Collection Pilot Program Notice of Award and Contract Agreement with West Bank Sanitation

Statement / Purpose: To Consider a Notice of Award and Contract Agreement with West Bank Sanitation for the collection of Grand Teton National Park food waste and delivery of material to the West Yellowstone Compost Facility.

Background / Description (Pros & Cons): ISWR is working to improve its community compost facility, located at Horsethief Canyon, including the eventual acceptance of food waste. Two important aspects of the future food waste composting program will be collection and education/training. ISWR sees great benefit in conducting a small-scale pilot project this

summer to allow details to be identified and hurdles overcome. Grand Teton National Park and its concessionaires are participating in the Subaru National Park Zero Landfill Initiative, and are, therefore, interested in increasing their waste diversion rate, specifically focused on food waste. A collaborative pilot program has been formulated, working with Signal Mountain Lodge, Grand Teton Lodge Company, Yellowstone and Grand Teton National Parks, and the West Yellowstone Compost Facility, that will address the following questions/concerns:

- Best practices in collection, bin sizing, bin cleaning, managing odor and debris, vector control;
- Challenges surrounding contracting for food waste collection;
- Best practices in the kitchen and food service areas (signage, training and education, containers and container placement, bags);
- Contamination (How much? How to measure and track? How to reduce?);
- Restaurant food waste generation rate (i.e. per covers); and,
- Trash reduction due to food waste capture.

This pilot will benefit Teton County, concessionaires in Grand Teton National Park, and participants in ISWR's future community-wide collection program, as well as the West Yellowstone Compost Facility so they may experiment with taking greater volumes of food waste without a long-term commitment.

A Request for Proposals was issued on February 22, 2017 by ISWR. One bid was received on March 22, 2017 from West Bank Sanitation making them the apparent low bidder. The Contract Agreement for the food waste collection pilot will be in place for one year, commencing on or about May 15, 2017 and terminating on or about May 14, 2018, with two opportunities to renew for one year each to allow for pilot program continuation once the success of the first year has been determined, and by mutual agreement of both parties. The Agreement includes a 2.5% annual escalator, which will only pertain if the Contract Agreement is extended beyond the first year.

Stakeholder Analysis & Involvement: Concessionaires of Grand Teton National Park, National Park Service, including Grand Teton and Yellowstone National Parks, Subaru, National Parks Conservation Association, West Yellowstone Compost Facility.

Fiscal Impact: This Contract Agreement has a net zero cost to Teton County, and has been included as such in the ISWR FY2018 revenue and expense budgets. All project fees will be covered by revenues received from the two customers: Signal Mountain Lodge and Grand Teton Lodge Company. Both entities are existing Teton County account holders. The total cost for the first year of this pilot program ranges from approximately \$30,000 to \$60,000, depending on bin sizes and collection frequency. The Contractor's bid is based on unit pricing per tip of various sized bins; therefore, this is not a lump sum contract. The reason for higher unit costs for twice weekly collection is West Bank's need to hire an additional employee to accomplish this service; once per week collection can be achieved with West Bank's existing staff. The unit pricing is as follows:

One collection per week

Bin Size	Unit	Estimated tips/week	Unit Price	Extension	Cost per month (extension X 4.33 weeks)
96 gallon	Per tip	8	\$31.23	\$249.84	\$1,082.00
4 cubic yard	Per tip	3	\$378.60	\$1,135.80	\$4,918.00
				TOTAL COST/MONTH	\$6,000.00

Two collections per week

Bin Size	Unit	Estimated tips/week	Unit Price	Extension	Cost per month (extension X 4.33 weeks)
96 gallon	Per tip	8	\$60.00	\$480.00	\$2,078.00
2 cubic yard	Per tip	6	\$363.00	\$2,178.00	\$9,431.00
				TOTAL COST/MONTH	\$11,509.00

Staff Impact: ISWR staff will work with the Contractor, the West Yellowstone Compost Facility and Customers to ensure compliance with the Project Manual Scope of Work and project success. Staff will also conduct monthly and end-of-season assessments of the pilot program, and a final report will be presented to the County Commission.

Staff Input / Recommendation: Staff recommends approval of the Notice of Award to West Bank Sanitation, as well as approval of the Contract Agreement for FY2018 on a unit cost basis, with a total FY2018 project cost ranging from approximately \$30,000 to \$60,000.

6) Recycle Center Paving Project

Please see below for BCC staff report on recycle center paving:

MEETING DATE: March 21, 2017

PRESENTER:
SUBMITTING ENTITY:

Amy Ramage PE
Engineering

SUBJECT: Approve an Agreement for Professional Services for the Teton County Recycle Center Repaving Project.

STATEMENT / PURPOSE:

Approve an Agreement for Professional Services for the Teton County Recycle Center Repaving Project.

BACKGROUND / DESCRIPTION (PROS & CONS):

The parking lot is in disrepair and failing (cracking, frost heaves, etc.) due to existing in-situ loess soils and an inadequate pavement structural section to support the current vehicle loads. Staff issued a Request for Proposals to four local engineering firms to prepare a grading design including a recommended structural section based on a geotechnical analysis, storm water retention facilities and related improvements, technical specifications and a bid schedule for the complete removal and replacement of the entire asphalt surface. The overall area is approximately 73,000 square feet. Four proposals (time and materials not to exceed) were received on Friday, March 3.

<u>ENGINEER</u>	<u>PROPOSAL PRICE</u>
Nelson Engineering	\$15,000
Rendezvous Engineering, PC	\$17,900 - \$22,400
Y2 Consultants, LLC	\$21,010
Jorgensen Associates	\$28,115

STAKEHOLDER ANALYSIS & INVOLVEMENT

The Director of Public Works, Director of Engineering, and the Road and Levee Supervisor were consulted and all agree that this repaving project is appropriate given the condition of the failing asphalt surface and current vehicle use.

FISCAL IMPACT:

The Public Works Department have sufficient funds in FY 16 / 17 to cover the initial Proposal Cost. Additional funding will be required in FY 17 /18 to cover construction costs which is estimated at \$600,000. The Integrated Solid Waste and Recycling Division has requested this funding in next year's budget. Additional funding will also be required during actual construction for Consultant Contract Administration Services including staking, material testing and other miscellaneous items. These costs have been included in the above construction costs.

7) TTS Tip Fee Proposal

Following is from Heather's BCC staff report for May 2 on the ISWR tip fee adjustment proposal:

Meeting Date: May 2, 2017

Presenter: Heather Overholser

Submitting Dept: ISWR/Engineering

Subject: Consideration of

Integrated Solid Waste and Recycling Tip Fee Adjustments for FY2018

Statement / Purpose: To consider adjustments to trash transfer station (TTS) tip fees and recycling center fees for FY2018, to go into effect July 1, 2017.

Background / Description (Pros & Cons): ISWR is recommending several adjustments to the trash transfer station and recycle center tip fee schedule for FY2018. The ISWR Advisory Board and Finance Committee reviewed the adjustments, and both recommend approval by the BCC. Tip fee proposals are based on the results of an annual cost analysis for each material accepted at the TTS and recycling center, and tip fees are reflective of the total cost to the County to manage and properly dispose, compost or recycle each.

Recommended increases

- Organics (yard waste, weeds/grass, and dimensional lumber) – from \$70/ton to \$80/ton;
- Manure, dirt and sod – from \$45/ton to \$55/ton;
- Increase in electronic waste fees at the Recycling Center from \$.20 per pound to \$.40 per pound; and,
- Tip fees for tires as follows:
 - o Individual tires up to 17” without rims – increase from \$5/tire to \$6/tire;
 - o Individual tires up to 17” with rims – increase from \$12/tire to \$14/tire;
 - o Individual tires 17” to 22” – increase from \$12/tire to \$14/tire; and,
 - o Bulk tires and tires over 22” – increase from \$275/ton to \$295/ton.
- In addition, ISWR proposes a minimum fee of \$5 per visit at the TTS to help alleviate traffic and address a minimum charge on credit cards.

No Change Recommended

Please note there is no proposed adjustment in tip fees for landfill-bound materials (municipal solid waste, including Construction and Demolition materials (MSW)), as well as certain materials that are diverted from the landfill, including scrap metal and concrete. ISWR recommends that these materials remain at their existing per ton rates of \$115/ton for MSW, \$70/ton for concrete and no charge for scrap metal.

The proposed tip fee adjustments will:

- allow Teton County ISWR to cover all of its direct and indirect costs associated with each material accepted at the TTS and recycling center;
- create a balanced ISWR budget for FY2018 (a requirement for ISWR operating as an enterprise fund); and
- allocate revenue for annual designation of ISWR capital equipment replacement funds. (Please note that capital expenses that are not able to be covered by annual operating revenues will be covered by ISWR’s Fund Balance and Capital Reserves.)

Tip fees for organics have remained steady at \$70/ton since 2008. This is the first proposed increase to organics in nine years. Please note that this fee increase proposal is in response to the real costs of doing business. The revenue received from the proposed tip fee increases will cover all costs of managing each ton of the waste materials.

In July 2017, the County Commission approved a reduction in electronic waste recycling fees from \$.40/pound to \$.20/pound. This was in response to an approved agreement with an

electronics buy-back program, which dramatically reduced Teton County's cost for this program. Teton County's participation in this program was short-lived as the program was abruptly terminated in December 2016 when a major funder of the buy-back program discontinued its support. Since then, Teton County received bids from various certified electronics recyclers and the cost is back up to the previous cost of \$.40/pound. Hence, ISWR is proposing an increase in electronic waste recycling fees from \$.20/pound to \$.40/pound. Please note that ISWR receives grant funding to support the recycling of residential electronic waste; therefore, businesses are charged the fee for service and residents are encouraged to pay what they can afford.

Fiscal Impact: The proposed FY2018 tip fee adjustments will result in a balanced budget for ISWR, and will generate approximately \$100,000 in additional revenues.

Staff Impact: ISWR will provide notice to the public of approved tip fee adjustments through local media, as well as direct communications with private and commercial users of the trash transfer station in advance of July 1, 2017.

Recommendation: Approve the following adjustments to tip fees at the TTS and recycling center, to go into effect on July 1, 2017:

- Organics (yard waste, weeds and grass, and dimensional lumber) – from \$70/ton to \$80/ton;
- Manure, dirt and sod – from \$45/ton to \$55/ton;
- Electronic waste from \$.20/pound to \$.40/pound; and,
- Tip fees for tires as follows:
 - o Individual tires up to 17" without rims – increase from \$5/tire to \$6/tire;
 - o Individual tires up to 17" with rims – increase from \$12/tire to \$14/tire;
 - o Tires 17" to 22" – increase from \$12/tire to \$14/tire; and,
 - o Bulk tires and tires over 22" – increase from \$275/ton to \$295/ton.
- In addition, a minimum fee of \$5 per visit at the TTS to help alleviate traffic and address a minimum charge on credit cards.

8) Landfill Closure/TTS Planning, Construction and Funding

• Timeline

With the addition of the Interim Transfer Station/Compost Facility project, we recently solidified a timeline and plan for the overall TTS/landfill closure project.

- 2017 – Complete Waste Excavation and Construction Interim TTS/Compost Facility
- 2018 – Construct TTS
- 2019 – Cap landfill/Install Carcass Incinerator
- 2020 – Finalize compost facility infrastructure

2016/2017 YTD Accomplishments for Landfill Closure, Trash Transfer Station and Scale House

✓ January 2016 – Bid out waste excavation project

✓ January 2016 - Bid out fire protection project

- ✓ January 2016 - Heather and Consultant submit building permit application to County Planning (2 month process)
- ✓ January 19, 2016 - Scale House Ribbon Cutting Ceremony
- ✓ February 2016 - Bid out scale house landscaping
- ✓ March 2016 - Receive County approval of landfill closure and TTS project.
- ✓ April 2016 - Acquire Teton County Building Department permits for waste excavation
- ✓ April 2016 – Prepare SLIB application for landfill closure funding.
- ✓ April 2016 – Begin excavation of Horsethief Canyon Landfill.
- ✓ April 2016 - Sheriff Office deadline to remove all vehicles and fencing from impound yard at TTS.
- ✓ May 2016 - Complete scale house landscaping
- ✓ May 2016 – Begin waste excavation project.
- ✓ May 2016 – Begin installation of fire protection system.
- ✓ June 2016 - Receive approval for \$5,120,188 from SLIB for landfill closure.
- ✓ July 2016 - Apply for SLIB landfill closure funding (if line has been removed from above #22 on DEQ's priority list
- ✓ November 2016 - End waste excavation Part 1 for the winter (begin again in April 2017)
- ✓ December 2016 - Approval from DEQ for use of SLIB TTS funds for Interim TTS
- ✓ December 2016 - BCC approval of Golder Contract Amendment #5 for Interim TTS and 2017 CM/CQA
- ✓ December 2016 - BCC approval of Montana Civil Contractors Change Order #2 for 2017 work
- ✓ January 2016 - Complete fire protection system installation/Certificate of Occupancy
- ✓ March 2017 - Extend TFO contract to allow for continued composting and flexibility during construction

✓ March 2017 - Begin Phase 2 of Waste Excavation

Upcoming:

February - June 2017 - Permitting with Teton County for Interim TTS construction (DEV for interim TTS, CUP amendment for animal incineration, GEC and Building Permit for Interim TTS)

May 2017 - Await approval from WDEQ to extend expiration date for use of dead animal pit from Nov. 2017 to December 2019

March-December 2017 - Figure out dead animal disposal; plan to bid out in fall 2018

May 2017 – Bid out Interim TTS construction (bids due May 2; BCC considers Notice of Award and Contract on Tuesday, June 6)

June 2017 - Bid out groundwater monitoring contract

July 2017 - Begin Interim TTS Construction

October 2017 - Bid out transfer station construction

October 2018 - Bid out landfill closure construction (capping)

November 2018 - Bid out carcass incinerator

- **Interim Transfer Station (ITS) Planning and Permitting**

The Planning Commission hearing for the ITS Development and Conditional Use Permit applications to County Planning is on Monday, May 8 at 6pm. The DEV and CUP will be considered by the BCC on Tuesday, June 6, and again for Finding of Fact on Tuesday, June 20.

- **Waste Excavation – Montana Civil Contractors**

Montana Civil began work on Phase 2 of the waste excavation project around March 22. The goal is to have the lower pad complete by July 6 so that the ITS contractor can begin construction on that facility, and the entire waste excavation and site grading complete by the end of the construction season.

Report from Caroline – Financial Accountant

a. TTS-JCR FY2016 Summary Statistics (7/1/2016-3/31/17)

Please see attached spreadsheets.

a. ISWR Tonnages and Diversion Rates

Teton County's diversion rate is at 35% FY17TD. Last year it was 35.6% for the FYTD. The diversion rate for March was 31.3%.

Inbound materials received at the TTS are down by 1.11% FYTD. We sent 3.37% more trash to Bonneville this FY compared to last FYTD. That is the equivalent of ~30 more trucks (713.83 tons).

JCR tonnages are up by 34.53% over last FYTD. This equals 126.41 tons or the equivalent of approximately 5-6 semi loads of recyclables.

b. JCR Commodities Markets

As the saying goes, what goes up, must come down. After a record month, prices plummeted in April, but are still double digit percentage points higher than last year.

OCC: Down \$40/ton to \$120. Up 49% from last FY.

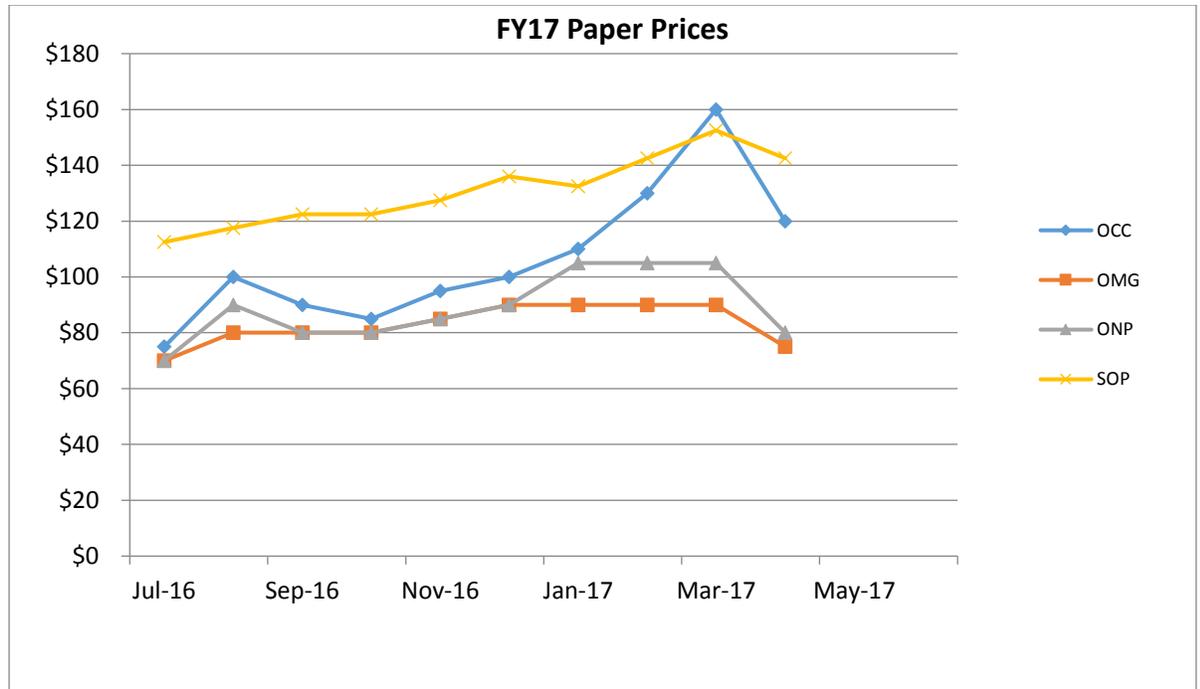
Office Pack: OP down \$10/ton to \$142.50/ton. Up 18% over last year.

Newspaper: ONP down \$25/ton to \$80/ton. Up 53% from last year.

Magazines: OMG down \$15/ton to 75/ton. Up 29% from last year.

Aluminum: UBCs are down \$120/ton to \$1300/ton. Up 15% from last FY.

Tin Can Bundles: TCBs are up 125% since last FY. Last month, I sold a load of tin cans for \$175/ton.



c. Finances for ISWR

As of March 31st, 2017 we should be at 75.34% for revenue and expenses. In March, the TTS brought in \$292,163. (\$20,332 less than last March and we have a \$5/ton MSW tip fee increase.) We need to bring in an average of at least \$347,765 in revenue each month at the TTS to make our budget projection. Our average for the last nine months is \$358,608. TTS revenues are a little ahead of budget at 77.346% FYTD or \$97,591. JCR brought in \$95,830 in March. JCR revenues are also ahead of budget at 90.15% FYTD.

Below is **one** snapshot of where we are financially as of **3/31/17**

Revenue	\$3,913,701.65	79.33% of the original budget received
Expenses	\$3,888,659.82	65.93% of the original budget spent
Net	\$ 25,041.83	

Last FYTD for comparison

Below is **one** snapshot of where we are financially as of 3/31/16:

Revenue	\$4,239,008.38	81.50% of the original budget received
Expenses	\$3,226,170.38	60.41% of the original budget spent
Net	\$ 1,012,838.00	

d. Yearend Projections

As of the end of the 3rd quarter, I am projecting that ISWR fiscal yearend revenues we will come in ~\$271,000 better than budget, and fiscal yearend expenses ~\$171,000 under budget.

We budgeted to use \$970,500 of our fund balance in FY17 to cover the phase 1 recycling center improvements, but I am anticipating that we will only need to use ~\$522,000.

e. Miscellaneous

- We average 5.90/tons of trash per month at the recycling center. This is a 1% contamination rate and down 1% from last FY. The contamination rate at MRFs (material recovery facilities), especially ones in urban areas with single stream collection, can be as high as 25%.
- This fiscal year the TTS will generate approximately \$4.3 M in revenue. About 85% of the revenue collected at the TTS is charged on account.
- Our FY17 \$5 million budget breaks down as follows:

TTS revenue	82.5%
Recycling commodity sales	9.9%
Recycling Services (OCC collection, shredding, E-waste, HHW)	4.9%
Donations and grants	2.6%
Miscellaneous	<u>.1%</u>
	100%

- We send our textiles to Big Brothers Big Sisters in Salt Lake City. They resell the clothing at their Savers thrift stores in the SLC area. We just began sending hardback books to BBBS in April and will add DVDs and VHS tapes in May. A few BBBS staff members are coming for a site visit at the end of May to see if there are other items that we can pull from the waste stream and add to the weekly truck. When we have a date, we will extend an invitation to other community stakeholders to participate in the discussion. We send up to 12 gaylord boxes of textiles each week on the truck that takes our glass to Momentum Recycling.

Report from Mac/Mari Allan: Waste Diversion/Outreach

RRR Community Partnerships

Commissioners approved the following partnerships on April 18:

- Slow Food in the Tetons – RRR Zero Waste Green Event pilot program at the People’s Market;
- JH Children’s Museum RRR curriculum instruction;
- Habitat for Humanity Restore – ReUse workshop series; and,
- Eco-Fair Sponsorship

Partnerships begin July 2017. Updates on these engaging and enriching programs will be provided.

Zero Waste Construction Pilot Program and CFJH Competitive Grant Application

ISWR will partner with the Habitat ReStore to model zero waste construction site planning and management at the Grove, phase III housing project, beginning June 2017. This will be the first zero waste model construction site in Teton County. It represents a huge step forward in our Road to Zero Waste strategies related to construction and demolition materials.

ISWR will provide waste material sorting bins, hauling fee assistance, promotion of construction site Zero Waste practices, and a “Lunch and Learn” event to highlight the Model Zero Waste site, focusing on lessons learned and future strategies. ISWR staff submitted a Competitive Grant Application to the JH Community Foundation to obtain additional funding for this partnership.

RRR Business Leaders Program and RRR Zero Waste Green Events

ISWR staff met with the Hot Shots team last week to discuss progress thus far and strategies going forward, for the remaining two months of this program’s first year. Through a grant from the USDA Rural Development program, Tim O’Donoghue, of the Riverwind Foundation, organized a group of “Hot Shots” to identify and recruit RRR Business Leaders. After ten months in the field, the efforts of this team have resulted in: the submission of 87 new RRR Business, Restaurant and Event applications and 75 successful new members. The goal, by June 30, 2017, is 100 new members.

Thank you board members for continuing to encourage local businesses and organizations to apply for this program; feel free to let me know if you are aware of an interested business and I can connect them with the Hotshot team. Find an overview of this program [HERE](#).

RRRRadio

Tune in to ISWR staff, live on-the-air, once a month on KHOL, 89.1 FM community radio, to discuss topics related to recycling and waste diversion as part of a new program – RRR Radio. Tune in next Thursday, May 11 at 8:30am. ISWR and Energy Conservation Works are pairing up to promote Eco-Fair, Spring Clean Up, and the 1st annual Regional Reuse Resource Guide.

Spring Clean-Up and Eco-Fair

Spring Clean Up week is May 8-13th. Collection for Town of Jackson residents is on Monday, May 15th. County residents can drop-off yard waste at no cost, through May 13th. Transfer Station hours for the week are extended: M-F, 8am-5pm and Sat 9am-5pm. Yard waste bags are now available at the Recycling Center, Town Hall, Town Public Works and Saturday, May 14th at the Eco-Fair, ISWR booth. More information is available on the [ISWR website](#) and www.jacksonecofair.org

Volunteer Opportunities

- Saturday, May 14th at Eco-Fair to help staff the ISWR booth and promote composting, electronics recycling, reuse awareness, RRR Business Leaders and all other things RRR.
- Monday, May 15th at the Teton County Fairgrounds to help empty yard waste bags from the Town collection.
- Saturday, May 20th at Maker Faire at the Teton Science Schools Jackson campus. Maker Faire features tinkering, innovation, creativity. ISWR is an event sponsor, and we will be helping staff the Teton Habitat for Humanity Builders Booth. 12pm-4pm.

Report from Mari Allan: Administrative Assistant

Reuse Resource Guide

The Reuse Resource Guide for Teton County, WY and Teton Valley, ID is a collaboration between ISWR, Teton Habitat for Humanity, Browse n Buy, Teton Valley Community Recycling and the JH Chamber of Commerce. The guide will be distributed with the JH News and Guide on Wednesday, May 10th. It will list reuse resources – including resale, repair, donation, rescue, and swap events - any type of activity that keeps materials out of the landfill and extends their useful life. Organizations and businesses who wish to participate but did not respond to this year's advertisements can contact ISWR to be listed online and will be able to participate in print in next year's publication.

2017 Household Hazardous Waste (HHW) Collection is underway

[Online appointment scheduling is available now.](#)

[Brochures with more information can be downloaded here.](#)

Backyard Composting Workshop

This year's workshop is scheduled for Saturday, June 10th, 10am-12pm at Calico on the Moose Wilson Road. We are excited to welcome [Jeff Lowenfels](#) as our featured presenter. Jeff is a microbe expert and an engaging speaker. He will have books available for purchase, and attendees can purchase composters at the event as well. This workshop is sure to provide all of the information and inspiration necessary to get you started as a backyard composter and organic resource rescuer.

TETON COUNTY INTEGRATED SOLID WASTE AND RECYLING ADVISORY BOARD

Meeting Minutes

April 13, 2017

Members Present: Jim Van Vliet, Katie Dahlgren, Don Baker, Lorie Cahn, Jess Wireman, Bob Arndt, Phil Cameron (joined via phone at 4:35pm)

Others Present: Kelly French, Jackson Curbside Recycling; Tom Segerstrom, Teton Conservation District; Ted VanHolland, Teton County Engineering; Cassie Camuti, ISWR Customer Service Representative; Heather Overholser, ISWR Superintendent; Caroline Sheahan, ISWR Financial Accountant

3:08pm: Meeting called to order by Katie Dahlgren at ISWR.

Motion to approve January Minutes with no changes, Moved: Jess; Second: Bob. All in favor, motion carried.

Report from Board Vice Chairman: Katie Dahlgren

Announcements relayed from Phil Cameron

- Did everyone receive the survey?
 - Not all board members received copies. Katie will follow up with Phil.
- Eco Fair Saturday May 13th
- Congratulations to Heather and staff on ISWR budget presentation.

Introductions and Staffing Update - Heather

- Introduced Cassie Camuti – new ISWR Customer Service Representative and previous part-time Scale Clerk.
- Deadline for two open positions: Outreach/Waste Diversion and Scale Clerk is tomorrow, Friday 4/14.
- Senior Recycling Operator, Bill Hannel, is leaving. This position includes driving the recycling truck to community sites and leads the floor when supervisor is not present.
 - Greg Damm was promoted to fill this position.
 - The deadline to fill Greg's position, Recycling Operator, is next Friday, April 21.
- Total = 3 open positions

Report from County Commissioner, none

Finance Committee Report, Caroline Sheahan:

- Heather and Caroline met with Alyssa yesterday for budget meeting.
 - Very few changes
 - Cell phone stipend instead of company phone for Matt Blair.
- Heather - Summary of budget hearing

- ISWR is one of two business type activities within the County (Enterprise Fund).
 - Expenditures are covered by revenues. Shortfalls are covered by fund balance and capital reserves.
- Balanced budget of \$5.8 million. 1.5% down from last year. This is because of the drop in capital expense this year in comparison with last year's Recycling Center improvements project.
- Shortfall this year is \$514,440. ISWR is covering this with the ISWR capital reserve fund and fund balance.
- Bank charges up due to increased numbers of credit card charges at Scale House and increase in tonnage.
- Utilities at the Scale House are down compared to budget. We are better able to estimate utility costs now than when the building was new.
- The Education/Outreach budget is up \$5,550 over last year mainly due to the cost of developing the new RRR website.
- Repairs and maintenance to the Recycling Center are up \$21,000?. The previous Recycling Supervisor, Shane, was able to complete more maintenance in house. These services are now being outsourced. This is fine.
- Capital equipment replacement costs are up \$211,928. This includes
 - Roll-off container painting, roll-offs for schools, roll-offs for Recycling Center drop-off area. This will increase efficiency for Recycling Center staff. Improvements are phased over the next 4-5 years.
 - Fork lift battery
 - Floor scale
 - Bobcat multi-tool
 - Conveyor belt replacement
 - Security cameras at Scale House
- Recycling Center paving – The original estimate was \$300,000. New estimates are closer to \$600,000K. An additional estimate is coming from Nelson Engineering.
- Site maintenance is down \$5,000. This is always an unknown because of the many uses and users at the Transfer Station site. Commissioners are aware of the uncertainty of this amount and understand that these needs (repairs) often have to be addressed quickly.
- The scale maintenance budget number was reduced in the meeting.
- Bonneville costs are up due to increased tonnages.
- Yellow Iron costs are up due to an increase in tonnages and an annual 2% escalator.
- Composting contract – Commissioners approved Terra Firma's contract with a \$5/ton increase beginning April 1, 2017, as well as a 3% annual escalator that goes into effect on July 1 each year. This includes additional material costs and change in site conditions. The total approved was \$683,092.
 - \$10/ton increase in tip fee for organics will be brought to Commissioners on May 2.

- Tire cost increases are due to the unavoidable discontinuation of recycling in Salt Lake City and the resulting need to landfill.
- Good news in Household Hazardous Waste (HHW) disposal. Costs are down \$20,000 over this fiscal year's budget. This decrease is due to the purchase of the Teton County Weed and Pest building. The building cost was \$120,000. It is paying off in increased safety, increased storage capacity, and a reduction in the number of pickup loads from three times per year to only once.
 - Ted – Is the storage building heated?
 - Kent –It has heat, but since there is no storage of HHW over the winter we do not use it.
- Food waste collection pilot costs are included in both the revenue and expense budgets, as these will be covered by Grand Teton National Park concessionaires. The annual contract amount is anticipated to be \$30,000 to \$60,000.
- The total trimmed from the ISWR budget following the hearing with Commissioners was \$44,547.
- Electronics were budgeted at \$70,000 when the contract was still with ERI.
 - ISWR entered into a new contract with ECS on July 1, 2016. With ECS, ISWR was being paid for these materials. Customer fees were reduced from \$.40 to \$.20.
 - The manufacturer-sponsored electronics buy-back program ended unexpectedly at the end of December 2016, and the electronics recycling program is once again costing ISWR \$.40 per pound to manage.
 - At the last meeting, this [ISWR] board discussed a fee increase up to \$.30/pound, up \$.10/pound over the current fee of \$.20/pound.
 - Caroline completed further analysis and determined that a fee of \$.40 will be necessary to cover the costs of disposal. Not only are the recycling costs higher, but the cost of totes and pallets for shipping have increased. Totes and pallets are expensive and difficult to source.
 - Caroline is looking into the possibility of back hauling totes.
 - The first bill from ECS since the cancellation of the buy-back program included \$4500 in recycling costs and \$2500 in freight. ISWR sends 10-20 loads per year.
 - E-waste fees will need to increase in order to cover expenses. FY2017 saw a revenue of \$3000 for the first and maybe last time.
 - Ted – It's disappointing to have to raise fees again.
 - Heather – Yes, but there was no indication that the buy-back program would end. It had been stable for many years.
- Revenues
 - Revenues are up 7% over FY2017.
 - Increase of 12.5% for commodity sales (\$45,000).
 - Commodity prices are up.
 - Short fall is \$514,440.

- Fund 34 was established by the 2012 SPET and totaled \$14.5 million. The current balance is \$12.25 million.
 - Spending comes first from SLIB. SPET is used infrequently.
- Waiting on interim transfer station construction bids; due May 2.
- Waste excavation is still the biggest unknown cost in the project. Budget estimates are conservative to accommodate for the unknown.
 - Ted – Has work started again?
 - Heather – Yes, Montana Civil started two weeks ago. Kent has done a good job of situating operations on the lower pad to accommodate customers as well as Terra Firma operations. This summer could be the most challenging. Once past this summer, with interim transfer station in operation, things will likely be better.
 - Katie – Why is the budget estimate for this project is higher than the request?
 - Heather – This is because of the schedule change to push back transfer station construction.
- Fund 12 is a Teton County grant fund - SLIB.
 - It is intended to pay for Horsethief Canyon prior to reimbursement from the State.
 - ISWR received two grants from the State
 - 1-Trash Transfer Station construction will be reimbursed at 75%. The remaining will be paid out of SPET.
 - 2-The Landfill closure grant Includes landfill capping, waste excavation, planning and permitting. Estimated spending is 1,463,515 million.
 - It was good that ISWR secured \$7million from the State last year. It now seems that this would have been more difficult at a later date due to State funding challenges.
- Questions?
 - Katie – Did the commissioners have questions about the ISWR budget?
 - Heather/Caroline – No questions on Fund 34. Most questions were about the operating budget - mostly smaller things.
 - Commissioner Epstein is new and was asking questions to become more familiar with the ISWR budget.
 - Heather – When Caroline prepares the budget, it is broken out thoroughly.
 - Caroline – Budgeting starts with tonnage forecasting and then new costs are plugged in. It was cumbersome at first and is now working well.
 - Heather – The budget is not approved yet, but ISWR hasn't been asked to come back for further questions.
 - Once approved, the process to alert contractors and the public to the new tip fees will need to happen.

- Don – How much are the school bins?
 - Heather - \$25,000 per bin
 - Don - Why don't schools pay for this?
 - Heather – we have always taken care of the schools.
 - Kent – Good job Caroline!
 - Caroline - Road kill tonnages are up over 100%. This is not surprising considering this winter.
 - Tom – Speed limit reduction is under consideration. Analysis is just beginning. The interesting finding is that speed limit reduction is only effective in this area. It has not been shown to have an effect statewide. It's only within the national park where a reduced speed has been measured to reduced roadkill.

Outreach and Education Committee Report, Mari Allan Hanna:

- Reuse Resource Guide for Teton County, WY and Teton Valley, ID is a collaboration between ISWR, Teton Habitat for Humanity, Browse n Buy, Teton Valley Community Recycling and the JH Chamber of Commerce. The guide will be distributed with the JH News and Guide on Wednesday, May 10th. It will list reuse resources – including resale, repair, donation, rescue, swap events, etc.... any type of activity that keeps materials out of the landfill and extends their useful life. Organizations and businesses who wish to participate but did not respond to this year's advertisements can contact ISWR to be listed online and will be able to participate in print in next year's publication.
- RRR Community partnerships with the JH Children's Museum, Slow Food in the Tetons – People's Market, and Habitat ReStore repair workshops are on the Commissioners' agenda for Tuesday, April 18.
- Spring Clean Up is also on the agenda for the 18th. Spring Clean Up week is May 8-13th. Collection for Town of Jackson residents is on Monday, May 15th. County residents can drop-off yard waste at no cost, through May 13th. Yard waste bags are now available at the Recycling Center, Town Hall, Town Public Works and Saturday, May 14th at the Eco-Fair, ISWR booth.
- Volunteers are needed for: Eco-Fair on the afternoon of May 14th; the Fairgrounds on Monday, May 15th to help empty yard waste bags from the Town collection and Saturday, May 20th at Maker Faire at the Teton Science Schools Jackson campus
 - Maker Faire features tinkering, innovation, creativity. ISWR is an event sponsor, and we will be helping staff the Teton Habitat for Humanity Builders Booth. 12pm-4pm.
- The annual Backyard Composting Workshop will be June 10th, 10am-12pm at Calico. Guest speaker – Jeff Lowenfels is dynamic and engaging!

Compost Committee Report, Heather Overholser:

- One bid from Westbank Sanitation was received for the food waste collection pilot program in Grand Teton National Park this summer.

- The project scope includes food waste collection and food waste hauling to the West Yellowstone Compost Facility.
- Challenging factors include Yellowstone's commercial hauling restrictions. Yellowstone does not normally allow commercial hauling through the Park, but they are allowing food waste to come from Grand Teton.
- Pilot participants include Signal Mountain Lodge and Grand Teton Lodge Company.
- There are 7 collection sites throughout the park.
- The initial schedule will include one pick up per week to reduce hauling contract costs. The frequency may need to increase as summer temperatures rise and food waste tonnages increase.
- The expectation is that this pilot will involve a certain amount of trial and error. This is the point. A list of desired outcomes has been prepared, and a debrief following pilot completion is planned.
- This exercise will provide valuable information for future implementation of food waste hauling and composting in Teton County.
- Initial collection will be kept simple. It will include only pre and post-consumer food waste and paper towels. No compostable plastic bags, plates, utensils, etc....
- Bob – Who's in charge of educating employees?
 - Heather – Signal Mountain and Grand Teton Lodge Company, with support from ISWR.
 - ISWR is planning trainings and meetings with haulers and park employees.
- Jess – Is Westbank prepared to haul?
 - Heather – Yes. They are installing water tanks on their trucks to wash out bins. These will be water tight trucks that will not spill out onto the ground. The wastewater will be sucked out of the bins and held in a grey water tank on the truck so as not to mix it with the food waste.

Zero Waste Committee, Heather Overholser/Mari Allan Hanna:

- Zero Waste initiatives with the Town of Jackson (TOJ) are progressing.
 - TOJ to place 20 recycle bins to accompany Town trash receptacles. Installation date unknown.
- TOJ is considering measures to process more materials through ISWR.
- Plastic Bags – Two interested citizens approached Commissioner Epstein and members of the spring 2016 JH Conservation Alliance Leadership Institute with an interest in taking action toward an initiative to reduce plastic bags in Teton County. ISWR will support this initiative by providing past research and developing a list of questions to help focus the work of these volunteers.
 - Don – A question for the researchers should address the impact of paper vs plastic vs. reusable shopping bags.

- Construction and demolition materials are the next big piece of the short term Road to Zero Waste. ISWR has received sample ordinances and examples of C and D diversion strategies from a number of communities. We have shared this information with the Town of Jackson. A next step might be to bring an expert/consultant to advise.

Facilities Committee, Heather Overholser:

- Transfer Station contractors have started work.
- No surprises in waste excavation so far.
- Work began earlier than expected (March 22), due to good weather.
- The goal is for interim transfer station construction to begin by July 6, 2017.
 - Pre-bid meeting is next Thursday, 4/19, 9am.
 - Bids are due May 2 at 1pm at Engineering.
- Golder is in town next week. There will be a meeting to discuss the bid process for the permanent transfer building and landfill closure. This bidding process will take place in early 2018.
- ISWR's dead animal project was selected by University of Wyoming students for this spring.
 - The students' advisor is Doug Wachob, a former Teton Science Schools faculty member.
 - Students will provide research on incineration options for ISWR.
 - Logistics, disease containment, process specifics.
 - The project will culminate in a recommendation for Teton County.
 - The presentation will be in June. ISWR board and commissioners will be invited. There will be a local presentation and a possible follow up presentation at the Wyoming Solid Waste and Recycling Conference.
 - This research will greatly assist ISWR staff in meeting the timeline for landfill/dead animal pit capping in Nov. 2019.
 - Ted – Will the students will look into different incinerators?
 - Heather – Yes, for the most part, all other technologies have been ruled out for the ISWR site due to permitting difficulties, transport restrictions, etc...
 - ISWR staff will likely visit one of the recommended facilities to observe in advance of implementation.
 - Katie – How will the incineration project be handled in the budget?
 - Heather – It is not currently in the budget. The cost est. is \$600,000. In recent SPET discussions, when this item was not included, it was understood that funding for this necessity would be determined through other means.
 - Don – Is there really an incinerator that doesn't have to be permitted by air quality?
 - Heather – Yes, they are designed specifically for carcasses and have very low emissions. They have an afterburner that manages the ash and smoke. Certain types produce minimal emissions. There is an existing incinerator operating in Town currently and you would never know it. Golder completed preliminary research on one specific machine and found that it would not require a permit. Golder and the equipment manufacturer would assist the County in the permitting process.

Other Announcements:

- Phil – Eco-Fair this year is launching a leadership in sustainability award in honor of Andy Tyson. Nominations are being accepted now. The award will be presented at Eco-Fair.

Motion to Adjourn, Moved: Jess; Second: Bob. Meeting adjourned 4:59pm.

Respectfully submitted,
Mari Allan Hanna
ISWR Administrative Assistant

Approved on _____

Attest:

Katie Dahlgren, ISWR Secretary

Phil Cameron, Board Chair