

To: ISWR Advisory Board
From: ISWR Staff
Date: August 28, 2017
Re: Staff Report

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

The UW students gave a great presentation on their carcass disposal research project at the Wyoming Solid Waste and Recycling Association annual conference in Lander this week. Delaney Dent, one of the three undergrad students, is offering to work with ISWR on a research project, for which she will get credit, and continue to delve deeper into the carcass disposal question. Also, since both incineration and alkaline hydrolysis require natural gas, we are exploring the option of boring a gas line under the highway to provide site access this fall or next spring. The timeline for this project is to have a decision made and to bid it out by late fall/early winter 2018.

2) Groundwater Sampling and Analysis Contract RFP

We received three proposals for the groundwater sampling and analysis contract. All proposals were scored and Alder Environmental was selected and the contract was awarded. All proposing firms scored similarly in terms of expertise, skills and experience, and it came down to price that led us to select Alder. Alder has been ISWR's groundwater contractor for many years and does a great job. Their annual cost falls within ISWR's budget for FY2018.

3) ISWR hiring update

All vacant positions at ISWR have been filled! Most recently we hired Bryan Eberhardt as the Recycling Supervisor. Bryan brings years of supervisory experience, as well as solid waste experience. Bryan is scheduled to start on September 11. We will hire another recycling operator to take the place of Steve before he leaves in mid-October.

4) Grand Teton National Park Food Waste Collection Pilot

Following is the script for the Food Waste Collection Pilot presentation at WSWRA, given by Heather Overholser, Jon Dyer (Grand Teton Lodge Co.) and Jenny Boysen (West Bank Sanitation):

1 Food Waste Collection Pilot in Grand Teton National Park: A collaborative step toward municipal food waste composting in Teton County and Zero Landfill National Parks

2 [HTO] Introduction and Background

- This presentation is about collecting food waste for composting and working toward the goal of zero landfill. **But** it's also about nine entities, including government agencies, nonprofit organizations, for-profit businesses and a corporate sponsor, ***coming together to discover what they don't know***. Everyone involved in this collaborative project has faced numerous hurdles, some much larger than others, but, in the end, we've found a clear path around most of them and collectively learned valuable lessons through the process.

3 [HTO] Who

- Subaru, NPCA, Teton County ISWR, GTNP, Grand Teton Lodge Company, Signal Mountain Lodge, West Yellowstone Composting Facility, YNP, Westbank Sanitation

4 [HTO] Why?

Why food waste?

- Food waste is organic, nutrient rich material. Sending it to the landfill results in the loss of this valuable resource, the production of methane, a potent greenhouse gas, and the potential for leachate production due to food waste's high moisture content.
- According to the 2013 Wyoming solid waste diversion study, food waste constitutes approximately 20% of the waste stream. A 2014 waste characterization study in Grand Teton National Park revealed that 40%, twice the state average, is attributed to food waste. The ability to compost this material preserves nutrients and contributes significantly to zero waste and zero landfill goals.
- This summer's pilot provided an opportunity for these partners to test the planning, training and logistics of a large scale food composting collection service in order to inform future compost operations within Grand Teton NP and Teton County.

5 Why GTNP and Teton County?

- Teton County is on the Road to Zero Waste. In 2014, county commissioners adopted a Zero Waste Resolution with an initial goal of diverting 60% of waste from the landfill by 2030.
- Teton County has been composting yard and construction waste for almost 10 years. Our Chapter 6 WDEQ permit will require amending in order to add food and the conversation with WDEQ has already begun.
- The addition of food waste to the already existent municipal composting program is an important benchmark of Teton County's Road to Zero Waste initiative and implementation is planned for 2020 or 2021. From this food waste collection pilot, Teton County has been gaining valuable insight that will help inform the planning of the County's food waste program.
- Within Teton County, Grand Teton is a Zero Landfill Initiative National Park. With sponsorship from Subaru Corporation, Grand Teton NP was chosen to pilot national park zero landfill practices, including food waste composting and other measures to divert material from the landfill. Through its lodging, restaurants, retail, campgrounds and employee housing operations, Grand Teton NP generates more than 489 tons of food waste and 136 tons of non-recyclable/compostable paper per year.
- It also was an opportunity for the West Yellowstone Compost Facility to handle and process a greater volume without a long term commitment.

6 [HTO] What (brief project summary)

- Food waste collected May-October 2017 from two concessionaires (seven properties) within Grand Teton National Park and transported once per week to a compost facility in West Yellowstone, Montana.

- May - October 2017
- 2 Concessionaires, 7 properties
- 1 pickup per week
- West Yellowstone Compost Facility in West Yellowstone, MT
- The finished compost from the project has been made available to the public, utilized in mine reclamation and also in excavation and road projects within Yellowstone National Park.

7-8 [HTO] Summary of Data and Results

- **7** Collection totals and Contamination
 - From the end of May to August 24, over 50 tons of food waste were sent to the West Yellowstone Compost Facility. The average weekly total has been approx. 6,800 pounds or 3.5 tons, with totals increasing slightly in July and August.
 - Early projections estimated that 150 tons of food waste would be collected during the pilot season - May-October.
 - Adjustments made as the project began quickly altered tonnage expectations
 - i.e. Decision to collect back of the house food waste only at some locations due to lack of space for bins at loading docks.
 - At times, collection bins were either not initially placed or taken out of service for a period of time. At the Colter Bay Ranch House due to a lack of space and necessary loading dock modifications. At Jenny Lake Lodge while waiting on an enclosure for the food bins to guard against wildlife.
 - **8** Contamination in these loads has been minimal, a great achievement for everyone involved, especially in the first year of the project! West Yellowstone personnel calculate a **1% contamination rate, meaning that 99% of the material collected from Grand Teton National Park has been composted.** In comparison, food waste from Yellowstone National Park where additional materials are accepted in the collection and visitors are directly participating in front of the house bins, contamination is close to 25%.
 - There was early pressure from partners to accept more than just food waste, including compostable cups, flatware, plates, etc. ISWR resisted going in this direction as a result of what we've learned from other food waste programs. In the end, the pilot program collects food waste only, resulting in low contamination. The pilot program received praise from the West Yellowstone facility for taking this approach.
 - Common contaminants
 - yogurt cups
 - rubber gloves
 - dust masks
 - One collection site received these accolades from Dan Webb at Westbank Sanitation: "Their food waste program is exceptional. They should be VERY proud of their managers for communicating the standards....they are as close to perfect as I could imagine. No broken bags, no contamination, just beautiful to

see.... Like synchronized swimming without the nose plugs and funny-looking shower caps.”

- **9 Bins sizes and recorded volumes at time of collection**
 - Some 95 gallon carts
 - 4, 6, and 8 yd dumpsters.
 - In some locations, bin sizing is more dependent on space available at the facility and staff operations than food waste generation rates.
 - Note that food waste is much heavier than mixed trash. 95 gallon carts are difficult for staff to maneuver.
 - All bins have been recorded at 75-100% capacity at nearly every tip.

- **10 Odor**
 - Odor was of great concern at the outset of the project so as to not impact staff and lodging guests or to attract wildlife. A huge relief is that it has not been an issue, even with hot summer temperatures and only one collection a week. The bagging of all waste prior to putting it in the collection bin, weekly cleaning of every bin by the food waste hauler, and the use of an odor neutralizing enzyme have kept all of the bins smelling pretty good! Jenny from Westbank will elaborate on successful odor control.

11 What are some of the success and challenges from the concessionaires' point of view?

- **12 Education led to low contamination**
 - All staff were instructed in general project awareness from the very beginning.
 - Followed up with on-site staff training at each location.
 - Additionally, individual teams of staff members were trained by their managers.
 - The most difficult location was the employee dining room, where Jon had to sit at the bins and direct personnel in correct separation and disposal.
 - There was confusion in the beginning but efficient communication, continuing education and positive reinforcement resolved the problems quickly.
 - Staff is engaged and excited to be a part of the project.
 - Quote from John Burns, “You guys are getting the most bang for your buck with 99% of the material you bring in being composted instead of pulled out and sent to the landfill as contaminants.”

- **13 Challenge of finding space for receptacles**
 - Many locations have very limited space for bins, and adding additional bins has been challenging.
 - Communication among ISWR, NPS, National Parks Conservation Association, West Bank Sanitation, concessionaires and Sysco to maximize container real estate.
 - Bear and other wildlife protection influences and complicates container placement and size selection.
 - Rear load truck vs. front load truck

- Rear load truck outfitted with clean water and grey water tanks to clean out bins and spray odor neutralizer. Unfortunately, in some locations, a front load truck would better suit accessibility needs. But, could not outfit front loader with sanitizing system.
- Due to the use of the rear-load truck for food waste, Jackson Lake Lodge is unable to use a bin large enough to handle all of its waste (6 or 8 yard). They have 6, 95 gallon carts that are individually lifted, dumped, washed, dumped, sprayed and returned to the storage closet on the loading dock. Because of this, they are unable to compost all their food waste and have focused only on pre-consumer food waste.
 - The 95 gallon carts are so heavy that many kitchen staff members cannot maneuver them. Jon Dyer has to personally rotate the bins throughout the week so that there is always an empty bin accessible to staff. If he is unavailable, the food waste is thrown into the landfill bound trash because that is all that kitchen staffers are able to access.
 - With further coordination between the food waste collection route and the landfill bound trash collection trucks, a 6 yard bin could replace the 95 gallon carts and the sharing of space in the storage area could be improved. We are close to making this happen.

14 Lessons learned from the hauler’s perspective - Westbank

“It all ties together...If you have good bags, it positively impacts the process for the hauler...”
(and eventually the composter) - Jenny

15 Hauling Schedule Logistics

- Competition with Sysco deliveries
- Restrictions on hauling hours; observing quiet hours
- Yellowstone National Park travel restrictions, coordination between the two national parks and ISWR
- Modifying truck: installing water tank to top with pump and sump pump

Logistics

- Permit required to cross state lines, even with an empty truck
- Operating and transportation hours through the park, Yellowstone permit also required
- 95 gal carts extremely heavy when full of food waste - hard to maneuver and don’t fit the hauler; however we had the ability to adjust bin size to meet needs of individual locations and staff (Dan!!!)

● **16 Problem solving with bags**

- Composting bags (coordination with West Yellowstone facility, what type, necessity for consistency among locations, expense, bag rippers in conflict with

compostable bags - very stretchy; need better ripping bags in the future, modifications to ripper heads)

- West Yellowstone modifying equipment and process to efficiently open varying types of bags-
 - compostable bags (LDPE) (stretches more before it rips, gets tangled up in machinery) vs HDPE non-compostable bags (rip easily, don't get caught in equipment, but remnants are present in finished compost)
 - Accommodating location's preferences to bags based on prior training-
 - SML used green bags for compostables, clear for recyclables and blue for landfill waste.
 - Staff previously trained and good at organization.
 - Preferred to not switch considering their success.
 - [HTO] If the pilot program continues in 2018, all properties may need to switch to HDPE non-compostable bags to better accommodate West Yellowstone's operations and to minimize bin contamination and odor.
 - [maggot slide!] As of 7.17.2017 first real contamination problem found with a bagless container at Jenny Lake Lodge. Severe maggot infestation, lots of time spent cleaning receptacles and disposing of contaminated food waste.
 - [HTO] - A question for Teton County's future food waste composting operation is how to best utilize bags in collection to minimize odor and bin residue, and at the same time minimize contamination from plastic bags in the final product.
- **17 Odor**
 - NPS concerned about odor and local wildlife being attracted to the food waste bins.
 - Westbank took measures early on to avoid an odor issue by installing water tank on rear load garbage trucks to rinse containers at every pick up.
 - Westbank sprays each bin, once emptied and cleaned, with a 5-Strain Synergized Bacteria with odor control that is used in the food industry and kitchen applications to control odor. It has a very mild scent, and the end product breaks down to water and carbon dioxide.
 - Food waste is required to be bagged, which helps control odor.
 - Initial thought was that the collection would be increased from once per week to twice per week if odor was a problem; the collection frequency has not been increased to date and it is not anticipated.

18 [Jon] Impact Summary - Grand Teton National Park

- Future funding for the pilot is an issue. Costly to transport materials to West Yellowstone, and West Yellowstone's tip fee is \$350 per ton. The concessionaires have funded their regular costs of disposal plus a predetermined additional amount, and Subaru is picking up the slack. Funding for the pilot beyond October 2017 is not yet confirmed.

- Will re-assess at the end of the season and determine if the pilot will continue in 2018. Based on results to date, it is likely, pending funding availability.
- Once the County has a program at its Horsethief Canyon site, the cost for the concessionaires will decrease dramatically due to the much closer proximity of the site and projected lower tip fees.
- What will determine whether or not the program continues beyond the pilot and support from Subaru?
 - Does removing food waste from landfill bound trash divert enough cost to keep program afloat?
 - Logistics to expand food waste collection to front of the house and eventually to camping and employee housing sites (concessionaire and NPS)?
 - Are we still learning?

19 [HTO] Impact Summary - Teton County

- Extremely positive feedback from 7 locations utilizing the program. Employees and guests that are aware of the program are all very excited about the work being done. - see slides 17 and 18
- Businesses within Teton County that have caught wind of the project are interested in participating once the program expands to include the greater County area.
 - i.e. SHIFT festival coordinating with Westbank to haul food waste to West Yellowstone
- This program has provided an immense amount of information towards the development of a municipal food waste composting and collection program within Teton County.
 - Lessons learned through contracting a food waste hauler will be highly beneficial when Teton County bids out food waste collection and hauling in town.
 - Be precise with the scope of work for the hauling RFP.
 - Start small and simple, with food waste only. May be possible to grow list of accepted items once the system is optimized.
 - Start with early adopters program - commercial only
 - Focus on a small handful of large commercial food waste producers at the beginning.
 - Staff education and training will be critical to minimize contamination.
 - Get creative about finding space for containers in town alleys and elsewhere; bin sharing? Reduce size of trash dumpsters?
 - Residential will be the last sector of the community to be added to program, if deemed possible.
- **20 and 21 - Quotes from NPS:**

- “We are happy, as we know that close to 50% of our waste is food waste, so to truly make a difference in our diversion, we need to be able to effectively compost.”
- “We have been very excited about the pilot program and how it has aided us in developing a system for collection, storage, and transportation of compostable materials. This prepares us (and others who learn from us) for 2020 when the Teton County facility opens. We are hopeful that once the facility opens, we will immediately be able to divert 15% of our organic waste. ” Margaret Wilson, Grand Teton National Park
- **22** - [HTO] As is the nature of a pilot project, we didn’t know what we were getting into. What we found was a dedicated team that persevered through many challenges to develop a successful program. We hope that this program will continue into next year, and ultimately establish the foundation for food waste composting in Teton County.

5) Recycle Center Paving Project

From BCC staff report:

STATEMENT / PURPOSE: Consider approval of issuance of Notice of Award and Construction Contract Agreement execution for the Teton County Recycling Center Parking Lot Replacement Project.

BACKGROUND / DESCRIPTION / ALTERNATIVES (PROS & CONS): The entire existing parking lot (7,300 square yards) is in bad disrepair due to existing subgrade / drainage issues and needs to be refurbished / replaced with a new structural section and asphalt. The project generally consists of milling / reusing the existing asphalt surface; removing / reusing the existing base course; new asphalt and base course installation; retention pond excavation and reuse of suitable material; storm sewer improvements; curb and gutter / valley gutter improvements; retaining wall construction and other miscellaneous items.

Two bids were received on Thursday, July 6.

<u>CONTRACTOR</u>	<u>CITY / STATE</u>	<u>BID PRICE</u>
CM Owens Construction LLC	Wilson, WY	\$555,814.05
Evans Construction	Jackson, WY	\$619,593.49
Engineer's Estimate		\$593,748.60

Based on the bid results, CM Owens is the low bidder.

FISCAL IMPACT: Funds to construct the Project have been approved in this year's fiscal budget.

STAFF IMPACT: Given the fact that Nelson Engineering will be responsible for daily Contract Administration duties, minimal staff time will be required.

APPROVED MOTION: I move to approve issuance of Notice of Award in the amount of \$555,814.05 to CM Owens Construction LLC and execution of the Construction Agreement for the Teton County Recycling Center Parking Lot Replacement Project once all submittals are reviewed / approved by staff.

6) Capital Project 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/Possibly finish waste excavation?
- 2019 – Cap landfill/Install Carcass Incinerator
- 2020 – Finalize compost facility infrastructure

- **2017 YTD Accomplishments for Landfill Closure, Trash Transfer Station and Scale House**

✓ January 2017 - 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

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

✓ May 2017 – Bid out Interim Transfer Station construction, awarded to MD Landscaping and Excavation

✓ 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)

✓ June 2017 - Bid out groundwater monitoring contract; Awarded to Alder Environmental

✓ July 2017 - Begin Interim TTS Construction

Upcoming:

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

October 2017 - Bid out transfer station construction

October 2018 - Bid out landfill closure construction (capping)

November 2018 - Bid out carcass incinerator

- **ISWR Capital Projects update**

Recycling Center: The Recycling Center Phase 1 construction was completed on budget. Phase 2 is still pending, and, with the extensive project work at the Horsethief Canyon site, staff recommends waiting until 2019 or 2020.

Waste Excavation: The waste excavation project with Montana Civil Contractors is going well and within budget to date. We anticipate that the project will come in on budget (\$3.6 million). Fall 2017 completion is projected.

Interim Transfer Station: The Interim Transfer Station (ITS) is on schedule and on budget. Completion is projected for early November. Staff hopes to transition operations to the ITS as soon as the facility is completed and we have certificate of occupancy. Moving into the new facility as soon as possible is imperative as the old transfer station is failing due to years of settling and a recent significant water leak. Vacating the old facility will allow for the trash transfer station (TTS) contractor to begin demolition of the existing building during the winter so that by spring they can begin TTS construction.

Permanent Trash Transfer Station: ISWR plans to bid out the permanent TTS construction in October 2017, and have it awarded before the holidays. This will ensure the best price possible. The transfer station is estimated by the engineer to cost \$8.2 million, which includes a 10% contingency and is budgeted in the overall Taming the Wild Waste project budget. The Engineer's Estimate will be reviewed at the August 23 meeting. The estimate is based on the best available current knowledge and information, and the actual project price will be confirmed once bids are received. A building permit, and possibly a grading and erosion control permit, will be necessary for the TTS, at which time ISWR will submit the landscaping plan for the TTS, as required by the approved DEV and CUP. ISWR is in the process of conducting an informal bidding process for a landscape architect. Landscaping will likely not occur until spring 2019, once the TTS construction is complete. Charles Fiedler with Gordon Environmental (sub of Golder Associates) will be present at the meeting on August 23rd to provide an overview of the TTS plans and cost.

Landfill Closure/Capping: Per WDEQ requirement, the landfill must be capped by Dec. 31, 2019. ISWR plans to bid out landfill closure in winter 2018/2019, for an

April 2019 construction start. The engineer's estimate for this project, including 8% annual inflation and 10% contingency, is approximately \$4.73 million. The estimate is based on the best available current knowledge and information, and the actual project price will be confirmed once bids are received. Teton County's dead animal pit operating permit with the WDEQ was extended, with a new expiration date of Dec. 31, 2019. However, ISWR anticipates that the pit will be closed during the early summer of 2019, once the capping activities are in the area of the pit.

Animal Carcass Disposal: With the 2019 closure of the dead animal pit, a new system for carcass disposal will be implemented. ISWR is in the process of evaluating the recommendations from the UW students. Staff plans to bring a final recommendation to the BCC this winter. Bidding will occur in winter 2018/2019 for spring 2019 construction. This is a critical portion of the overall project for which funding is not yet identified.

Compost program improvements and infrastructure: Planning is ongoing, and will become more focused once the transfer station construction is complete in 2018. This is also a portion of the project for which funding has not yet been secured.

Stakeholder Analysis & Involvement: Many stakeholders have been involved throughout the planning of these projects, including Teton County Engineering, Planning, Building, Attorney, ISWR's Advisory Board and committees, CTA Architects-Engineers, Golder Associates, Gordon Environmental, ISWR's construction manager (Bill Hensley), Yellow Iron, Terra Firma, the Wyoming Department of Environmental Quality, the Wyoming Office of State Lands and Investments, WYDOT and the Bridger-Teton National Forest.

Report from Caroline

a. **TTS-Recycling Center FY2017 Summary Statistics (7/1/2016-6/30/17)**

A new FY16 vs. FY17 stats report is attached to your board packet. Per a request at the last board meeting, I have removed clean fill from the inbound stats to see the effect on the diversion rate. By removing the clean fill from the inbound tonnages in both years, we have a different scenario. Our diversion rate is up 2.26% over last fiscal year.

We will discuss the three different ways we calculate the diversion rate at future finance meeting.

ISWR Tonnages and Diversion Rates for FY17

Teton County's diversion rate for FY17 was 36.1%.

Inbound MSW received at the TTS was up by 2.97%. Landfill bound waste sent to Bonneville was up 4.36% over FY16. JCR tonnages for FY17 are up by 30.82% over last FY. TTS diversion is down by 5.87%. This is due to scrap metal

recycling and I can discuss this at the board meeting.

b. TTS-JCR FY2018 Summary Statistics (7/1/2017-6/30/18)

See attachment

ISWR Tonnages and Diversion Rates for FY17

Teton County's diversion rate for FY18 FYTD is 36.5%. (Clean fill removed)

Inbound MSW received at the TTS was up by 7.53%. Landfill bound waste sent to Bonneville was up 1.76% over FY17. JCR tonnages for FY17 are down by 36.28% over last FY. TTS diversion is up by 25.52%.

c. JCR Commodities Markets

We saw record commodity pricing at the end of FY17. Due to China's current scrap ban, cardboard took a hit, but the other fibers held. As the calendar year draws to a close, I am expecting that we will see more price corrections.

OCC decreased ~\$25/ton to \$140/ton.

OMG stayed the same at \$75/ton.

ONP stayed the same at \$90/ton.

SOP stayed the same at \$127.50/ton.

I just sold a load of PET bottles for \$180/ton. That is \$50 more per ton than last year.

1. Diversion Rates from Caroline's Stats

FY17 36.1% (no clean fill)

FY16 35.3% (clean fill removed) 39.36% w/clean fill

FY15 34%

FY14 33.9%

FY13 33.9%

FY12 40.8%

FY11 34.6%

FY10 39.4%

2. ISWR Tonnages

Inbound tonnages received at TTS

FY17 40,949.93 tons (no clean fill)

FY16 39,767.41 tons (no clean fill)

FY15 38,361.66 tons

FY14 34,792.62 tons

FY13 32,136.52 tons

FY12 34,802.81 tons

FY11 31,534.35 tons

FY10 34,970.50 tons

Diverted recyclables received at recycling center an scrap metal

FY16 4,261 tons
FY16 4,258.5 tons
FY15 4,170.50 tons
FY14 3,869.9 tons
FY13 3,645.5 tons
FY12 3,935.3 tons
FY11 4,017.4 tons
FY10 3,976.5 tons

Outbound landfill bound MSW

FY17 29,739.33 tons
FY16 28,495.90 tons
FY15 28,048.47 tons
FY14 25,536.15 tons
FY13 23,640.89 tons
FY12 22,937.47 tons
FY11 23,028.32 tons
FY10 23,090.16 tons

d. TTS and JCR FY 2001-2017 Comparison

Summary attached. Updated 9/1/17

e. Finances for ISWR FY18

As of July 31, 2017 we should be at 8.22% for revenue and expenses. TTS revenues are 7.43% and below budget FYTD. JCR revenues are at 10.74% FYTD.

According to the County Revenue and Expense reports as of 7/31/16:

Revenues	\$ 418,871.80	8.07% of the original budget received
Expenses	\$ 437,138.55	7.52% of the original budget spent
Net	\$ -18,266.75	

f. E-waste RFP

In June, we put out an RFP for an R2 and e-Steward certified e-waste recycler. It has been much more complicated and time consuming than we anticipated. The usual contractors, who we have either worked with in the past or know of their business, sent in quotes. In addition, we received a super low quote from an east coast company with which we are not familiar. I checked references, asked for downstream flowcharts (from all bidders), researched the company and boned up on E-Scrap News and CRT glass disposition. Heather and I have a conference call with the CRT glass specialist from the lowest bidder on September 5th. The company landfills the stabilized leaded glass in a cell that can be mined in the future. We have been told we can request to have our glass go to a lead smelter instead of the landfill as landfilling goes against our Zero Waste Initiative.

Report from Mari Allan - Waste Diversion and Outreach Coordinator

Dashboard July/Aug 2017

Road to Zero Waste

(Expect Annual Report and Strategy Summary by December 2017)



Note: There are a total of 34 Short Term Road to Zero Waste strategies scheduled for implementation between 2017-2020

Outreach

15 Outreach/Education tours and presentations; 3 Active Community Partnerships; 14 JH2O Reservations (some recurring, i.e. People's Market, Art Fairs, JH Live); 12 Newspaper Advertisements (including RRR Business Leaders recognition); 2 RRR Radio broadcasts; 24 Social media posts in August (see digital guide); 159 RRR Business Leaders; 11 Zero Waste events

Upcoming Events

(volunteer) Old Bill's Fun Run – Saturday, September 9th, 10am-12pm, ISWR will have a table next to the JH2O Water Bottle Refilling Station

Old Bill's Giving Period ends on Friday, September 15th

Ask A Recycler Hour – every Friday in September at the Albertsons Recycling bins, 12-1pm

(volunteer) People's Market – Wednesday, September 13th, ISWR is featured nonprofit, 4-7pm

ReStore Repair Café – Tuesday, September 12, 6pm

RRR Radio – Tuesday, Oct 24, tune in at 9:30am for Recycling 101 with a focus on plastics

Sustainability Series Kick-Off Event – Wednesday, October 25th

Zero Waste Model Construction Site Lunch-n-Learn – Thursday, Nov 2nd

Program Details July/Aug 2017

ISWR Old Bill's Campaign is on track!

Old Bill's Donation Summary	2017 (Week 5 of Giving Period)	2016 (Week 5 of Giving Period)	2015 (Week 5 of Giving Period)
Total \$ Amount	\$32,810.00*	\$12850.00	\$5825.00
Total # Donors	30	23	26
# Repeat Donors from 2013-2015	28	17	
# Current Board Member Donors	0	2	

*Includes a single, large donation of \$20,000 from Ms. Marguerite H. Snowdon and Mr. Yves Desgouttes as part of a funding agreement for the pending Stilson Meadow Community Recycling Site.

The giving period continues until **September 15th**. Board members can help by contacting past and potential donors (Phil has list with contact info) and letting the community know about the great work being done on the Road to Zero Waste at **Jackson Community Recycling/Teton County ISWR!** (This is how ISWR is listed on the Community Foundation's organizations list.)

Through our RRR Community Partners, we are moving the needle on the Road to Zero Waste!

Habitat for Humanity continues to pilot zero waste construction practices at the Grove. Some of the lessons learned so far are associated with bin space for material separation and the differing zero waste training strategies for subcontractors and volunteer groups who enter the site. *A Lunch-n-Learn event to summarize these findings and discuss next steps for the expansion of zero waste practices to additional sites is scheduled for Thursday, Nov 2nd.*

The People's Market, put on by ISWR partner, **Slow Food in the Tetons**, is also successfully demonstrating zero waste event practices every Wednesday evening at the base of Snow King. Board members are invited to stop by the Slow Food booth during any market and volunteer in the booth on *September 13th, when ISWR will be the featured nonprofit.*



ISWR completed the RRR curriculum with the **JH Children's Museum** on Aug 3rd. This program supported summer school students in learning about solid waste and recycling. It included Recycling Center and Transfer Station tours, classroom demonstrations and a public art project. The students designed eclipse themed recycling bins that were used at the August People's Markets and the August

Art Fair and are now placed at Colter Elementary for the 2017-2018 school year. *These bins were attention grabbers! And inspired increased recycling and diversion awareness at each of these community events.*



The second **ReStore Repair Café** series takes place at the Habitat ReStore next Tuesday, Sept 12th at 6pm. This is an opportunity to practice reuse through repair by sharing tools and receiving assistance from experts.

The RRR Business Leaders Program is beginning a new year – it’s “B.E.S.T.” ever

- Recognition for new RRR Business Leaders continues with weekly newspaper advertising.
- Planning for the BEST program, an advanced sustainability certification for top tier business leaders, is underway through the Riverwind Foundation. [More info in this recent press release.](#)

View ISWR’s Recent Ad Campaign to Clean Up Plastic Recyclables



Please help us to promote Recycling Right, especially where plastics are concerned. Post these flyers in your [place of business](#), [share them with friends and neighbors](#) and refer any questions or concerns to my desk! Additional videos and resources on ISWR’s Facebook (Jackson Community Recycling) and Instagram (tetoncountyswr) feeds.

JH2O Project Update

ISWR is looking into the installation of a water bottle filling station at R Park this year. Thank you RRR Committee member, Leslie Steen, for the idea. Update to follow at the October board meeting.

RRR Radio is on the air

Once a month on KHOL, 89.1 FM, ISWR staff and partners discuss topics related to recycling and waste diversion. Listen for Zero Waste Back-to-School tips replaying in September and tune in October 24th at 9:30am for Recycling 101.

Zero Waste Monthly Blog

Follow the Zero Waste pages on the ISWR website for updates on how [households](#) and [businesses](#) can creatively and efficiently reduce waste and minimize material sent to the landfill.

Report from Carrie Bell: Administrative Assistant

Teton Conservation District FY17 annual report

The Teton Conservation District requires a fiscal year end annual report. This report details how funding was used, successful accomplishments from the funding, and lessons learned. This report assists with addressing the following fiscal year's needs for funding, planning of expansion of services, and goals to strive for. ISWR is extremely grateful for the Teton Conservation District's continued support.

New County Website

The County has decided to upgrade the current website platform and move to a new server. Training was held over the majority of three days in mid-August to ensure all departments were able to modify and use the new website to accommodate departmental needs. The new website is cleaner, more user friendly, and more aesthetically appealing. New features on the website include Notify Me, where an individual can sign up for any departments news alerts, calendar dates, or changes in content and receive them via text, email, or both. ISWR plans to streamline the website to make it as informative and concise as possible.

Food Composting outline/presentation

The food waste pilot project has developed into a successful program of people coming together, problem solving, and looking towards the future. The pilot program also came with a large amount of data and information that needed to be organized in a user-friendly way for later development of a season end report, as well as a presentation for the Wyoming Solid Waste and Recycling Annual Conference in Lander over August 28th-31st. Photos, interviews, quotes, and data were all compiled into both an outline and a presentation that will facilitate the season end report and assist with continuing the program and expanding throughout the county in the future.

Treasurer's Office Payment Training

The Treasurer's Office is passing on accepting Trash Transfer Station payment and new client acceptance to the Recycling Center. Training has been on going, as well as before the Treasurer's Office opens on the 1st of the month, when statements are sent out. The official hand-off of these daily operations will happen in November.