

**To: ISWR Advisory Board**  
**From: ISWR Staff**  
**Date: July 10, 2019**  
**Re: Staff Report**

**1) Staffing**

- Brenda Ashworth started as ISWR Superintendent on June 3, 2019.
- ISWR recently hired Dana Horner as a Recycling Operator. Dana started June 24.
- Summer intern, JoJo Denmark from Boise State University, started on June 4.
- Welcome all new staff!

**2) University of Wyoming Student Project**

Four students worked with ISWR in May and June 2019, from the Haub School of the University of Wyoming, as part of the *Sustainable Solutions in Jackson Hole* program. The students completed their curriculum and created a comprehensive tool kit for food composting. The students did an amazing job! The Tool Kit is attached.

**3) Town of Jackson Plastic Bag Ordinance** – The Town of Jackson Plastic Bag Ordinance was unanimously approved by the Town Council on Monday, Jan. 7. As of April 15, 2019, large commercial entities are not permitted to offer single use plastic bags and will charge \$.20 for each paper bag. The same rule will be applied to small retailers in the Town of Jackson beginning November 1, 2019. The stores will keep \$.10 per bag and remit the other \$.10 per bag to the Town of Jackson. ISWR should see the first round of funding from the sale of paper bags in August 2019. ISWR is coordinating outreach and education on the implementation for small retailers.

**4) Groundwater Monitoring Amendment #1 – Contract Extension**

Through a formal bidding process in 2017, Teton County received three bids for an initial two-year contract for the groundwater monitoring at the Trash Transfer Station. The contract was awarded to Alder Environmental.

The current contract has been in place for two years, during which time ISWR has received excellent service from Alder Environmental. The expiration date of the current contract is September 30, 2019. A two-year extension upon mutual agreement between both parties is allowed according to the July 27, 2017 contract between Teton County and Alder Environmental. Staff is recommending a two-year extension, with a new expiration date of September 30, 2021.

**Fiscal Impact:** The Alder Contract price is \$27,529 for four semi-annual sampling events over two years, or \$13,764.5 each year. ISWR budgeted \$13,765 for FY2020.

**BCC-approved motion:** I move to approve Amendment #1 to extend the Contract with Alder Environmental for two years to perform WDEQ-required semi-annual groundwater

sampling, reporting and analysis at the Teton County Horsethief Canyon Landfill, with a new expiration date of September 30, 2021.

**5) Trash Transfer Station Tip Fees**

On May 21, 2019, Heather Overholser presented the Teton Board of County Commissioners with a resolution to approve an increase to tipping fees for the Teton County Trash Transfer Facility and the Teton County Recycling Facility. The tipping fee increases have been published, as required, for 45 days. The Teton Board of County Commissioners will hear the resolution at their meeting on July 16, 2019. If passed the new fees will take effect on July 17, 2019. Proposed fees are as follows:

TRANSFER STATION	
Material	Tip Fee
<b>Inbound Material</b>	
Landfill-Bound Trash/MSW	<del>\$115</del> \$121.00 per ton
Scrap Metal	\$0.00
Dead Animals (Domestic)	\$50.00 per ton
Road Kill	\$0.00
C & D	<del>\$115</del> \$121.00 per ton
Concrete	<del>\$70</del> \$75.00 per ton
Dimensional Lumber	<del>\$80</del> \$83.00 per ton
Yard waste	<del>\$80</del> \$83.00 per ton
Weeds & Grass	<del>\$80</del> \$83.00 per ton
Grease Trap Waste	<del>\$115</del> \$121.00 per ton
Manure	<del>\$55</del> \$60.00 per ton
Dirt & Sod	\$55.00 per ton
Refrigerators/AC Units	\$35.00 each
Food Waste (to be accepted spring/summer 2020)	\$83.00 per ton
Biosolids (to be accepted spring/summer 2020)	\$110.00 per ton
<b>Sorting</b>	
Terra Firma Sort Fee	\$250.00 per ton
Yellow Iron Sort Fee	\$250.00 per ton
<b>Tires (units)</b>	
Up to 17"	\$6.00 each
Up to 17" with rims	\$14.00 each
17" – 22"	\$14.00 each
Over 22" and Bulk	\$295.00 per ton

**RECYCLING CENTER**

Material	Tip Fee
Electronic Waste	\$0.40 per pound
Document Destruction	\$0.25 per pound
Document Destruction (with sort fee)	\$0.50 per pound
<b>Household Hazardous Waste</b>	
Aerosols	<del>\$1.00</del> \$1.25 each
Antifreeze	<del>\$4.00</del> \$5.00 per gallon
Batteries (Alkaline)	<del>\$.60</del> \$0.80 per pound
Batteries (Lead, Acid and Rechargeable)	\$0.00
Corrosives	<del>\$10.00</del> \$12.50 per gallon
Flammable Liquids	<del>\$4.00</del> \$5.00 per gallon
Flammable Paints	<del>\$4.00</del> \$5.00 per gallon
Flammable Solids	<del>\$5.00</del> \$6.25 per gallon
Fluorescent Bulbs	\$0.60 each
Mercury	<del>\$50.00</del> \$62.50 per gallon
Motor Oil/Filters	<del>\$.50</del> \$0.63 per gallon
Motor Oil (Contaminated)	<del>\$4.50</del> \$5.63 per gallon
Oxidizers	<del>\$10.00</del> \$12.50 per gallon
Pesticides/Herbicides	<del>\$4.00</del> \$5.00 per gallon
Poisons	<del>\$2.00</del> \$2.50 per gallon

CARDBOARD – ROLL OFF CONTAINER (27 CUBIC YARD)	
Delivery Fee	\$60.00
Pick Up Fee	\$100.00 per pick up
Pick Up Fee (Teton Village and Airport)	\$150.00 per pick up

CARDBOARD MONTHLY RATE			
Container Size	3x/week	2x/week	1x/week
2-Yard	\$98.00	\$67.00	\$35.00
4-Yard	\$189.00	\$130.00	\$68.00
6-Yard	\$272.00	\$187.00	\$97.00
8-Yard	\$350.00	\$241.00	\$125.00

**Fiscal Impact:** The proposed fees, coupled with projected annual tonnages and levels of service, allow for the Integrated Solid Waste and Recycling Division to submit a balanced budget for the Enterprise Fund for FY2020. Fees are based upon the Division's total cost of offering each of the services to the public.

## 6) Composting Operations and Management

On May 21, 2019 the Teton County Board of County Commissioners approved the Compost Operations and Management contract. The current compost contract is held by Terra Firma Organics and expires November 1, 2019. An RFP was issued, and proposals were received on April 19 from three firms:

- Dirt Hugger, Dallesport, WA
- Terra Firma Organics, Jackson, WY
- WyoFarm Composting, Thayne, WY

ISWR assembled a selection committee of seven members and conducted a qualifications-based selection process. The committee met on April 26 to discuss the proposals and their independent scores. Five Criteria were used to grade the proposals objectively and the final recommendation was made to award to contract to Terra Firma Organics. The scope of work includes composting food waste and biosolids, as well as utilizing the Aerated Static Pile method, which increases the throughput and maximizes the use of the compost site to allow for the processing of greater volumes. The contract is for a period of five years with an option to extend for an additional five years upon the mutual agreement of both parties.

**Fiscal Impact:** The Terra Firma proposal price is within the ISWR proposed composting budget for FY2020. The Fund 30 proposed FY2020 budget for this line item is \$741,261 and the calculated cost based on the proposal price and ISWR-estimated tonnages for FY2020 is \$738,645. Terra Firma included a 3% annual escalator, which will be used to calculate the annual contract cost for the duration of the contract (FY2021-FY2024). The contract expenses will be funded by tip fees collected at the scale house at the trash transfer station.

## 7) ISWR Infrastructure Maintenance, Repairs and Improvements/Capital Projects

- **Recycling Center Phase 2** – Construction started on this project on July 8, 2019.
- **Trash Transfer Station** – The Trash Transfer Building is on track for a certificate of occupancy by August 1, 2019.
- **Landfill Closure Contract** – The landfill closure notice to proceed was issued to RSCI and is on schedule for completion by December 31, 2019.
- **TTS Water System Improvements** – Nelson Engineering is conducting engineering services for ISWR to design and bid out the project, as well as provide engineering services during construction. Due to permitting issues construction has been delayed until spring 2020. The USFS Regional Office has approved allowing the improvements to be completed in Inventoried Roadless Area. Permit approval from US Fish and Wildlife Service and Wyoming Game and Fish is pending.

- **Carcass Disposal** – Alyssa Watkins, County Commissioners’ Administrator, is leading Carcass Disposal planning. Stakeholders met in June to discuss the issue. The next stakeholder meeting is scheduled for August 2019. Teton County requested, and Wyoming DEQ approved, a two-year extension to our Chapter 2 Landfill Closure Permit for the Horsethief Canyon landfill from December 31, 2019 to December 31, 2021 in order to relocate the dead animal pit. This requested extension will not inhibit Teton County’s ability to cap the old landfill according to the approved landfill closure plan by December 31, 2019.
- **Bear Fencing** – County Facilities is assisting ISWR with enclosing the compost area with bear-proof fencing, which we plan to construct next spring 2020.

## Report from Caroline – Financial Accountant

### a. Finances for ISWR

Last month I made final revenue and expense budget projections. I am forecasting that ISWR FY2019 yearend revenue we will come in ~\$72,000 over budget. I think we would have been at budget except we received \$72,000 insurance settlement for damage to the scale house. Transfer station tip fee revenue is a little under budget FYTD. Recycling center commodity revenue is dismal, but recycling center services, donations/grants and interest are all ahead of budget. FY2019 yearend expenses will come in right around or a little under budget.

The county fiscal year just ended on June 30<sup>th</sup>. Teton County operates on a cash basis until the fiscal yearend when they operate on an accrual basis. This means that invoices processed in July and early August 2019 for expenses incurred in the previous 12 months, will be recorded in FY19. At this point in the fiscal year, we have approximately two more months of expenses and one month of revenue.

ISWR capital expenses are included in Fund 30, the annual operating budget. In a typical year we budget to use some portion of our Fund Balance to cover the Fund 30 shortfall. For FY19, due to a low Cap Ex year, the ISWR budget includes a \$149,000 capital reserve contribution. We will make reserve contributions at the end of the calendar year, after the annual audit.

### b. FY2020 Budget

The ISWR FY20 Fund 30 and 34 budgets were approved by the commissioners on June 25<sup>th</sup> with minor changes. Here is the link to the [Teton County FY2020 budget](#).

- Fund 30 revenue budget is on page 11 or Revenue page 6
- Fund 30 expense budget is on page 49 or Expense page 36
- Fund 34 expense budget on page 52 or Expense page 39

You may have read in the *Jackson Hole News and Guide* that Teton County recently conducted a salary compensation market analysis and the BCC approved \$1.4 million to raise all county salaries to 7.5% above the market rate. The new and improved salary matrix was implemented on June 9<sup>th</sup> and Teton County staff saw the increase in their June 28<sup>th</sup>

paychecks. ISWR staff sent a thank you note to the commissioners, Alyssa and Julianne thanking them for investing in us and making staff a priority.

Regarding the impact on the ISWR FY2020 budget, the unexpected windfall represents an unbudgeted increase of 9.7% to the submitted salary portion of our budget or ~\$105,000. If at the end of FY2020 we are unable to cover the “big old whopping amount for salary increases,” (Sherry Daigle quote!) Sherry assured me that she would transfer the appropriate funds to cover a shortfall.

**c. JCR Commodities Markets June 2019**

**OCC:** \$0-\$20/T. Down 47% from last FY. Mills are full. International Paper is paying \$20/T and has cut our allocation to 3-5 trucks/month. We are easily processing 8-10 trucks. I “sold” my 1st load last month for \$0. We are pretty backed up because it is hard for me to pay or give away a load of cardboard. I am filling my International Paper allocation and trying to keep up with other buyers for \$0/T. I have not had to pay to move a load of OCC yet.

Billings Montana is also struggling with their cardboard. See the article below:

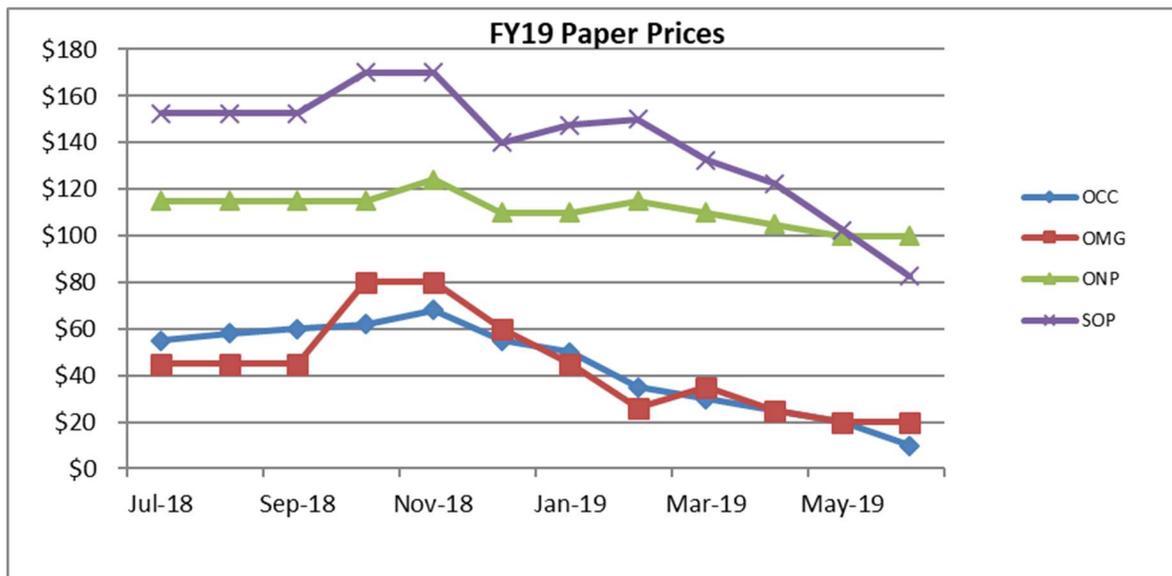
[https://billingsgazette.com/news/local/billings-recycling-business-stops-taking-cardboard-for-free-as-market/article\\_e2a4fa7b-6f95-58fe-a357-b5451c099a73.html](https://billingsgazette.com/news/local/billings-recycling-business-stops-taking-cardboard-for-free-as-market/article_e2a4fa7b-6f95-58fe-a357-b5451c099a73.html)

**Office Pack:** OP down \$20/ton from \$102.50/T to \$82.50/T. The high this fiscal year was \$170/T.

**Newspaper:** ONP is going to an insulator in Twin Falls, ID for \$100/T. If I were selling it to be recycled, we would receive \$20/T.

**Magazines:** OMG \$20/T.

**Aluminum UBCs:** \$0.47/lbs.



There is hope that the market trends will turn around.

<https://resource-recycling.com/recycling/2019/07/09/experts-express-optimism-for-paper-and-plastic->

[markets/?utm\\_medium=email&utm\\_source=internal&utm\\_campaign=July+9+RR&utm\\_content=headline](#)

**d. Ribbon Cutting and the Transfer Station Project**

The June 19th ribbon cutting at the new transfer station was amazing. It feels so exciting to have one more CAP EX project in the rear-view mirror. We are expecting one more pay app from RSCI and estimate that the project will to come in just under the approved budget.



**e. Film “recycling”**

At the end of 2018, regional markets available for plastic film recycling disappeared. ISWR is still taking film and for now, it is going to a waste-to-energy facility in Utah. One of my brokers indicated that Trex is full and not taking uncontracted tons. We are paying \$0.04 /pound to dispose of the film. I am looking for a new option.

**f. Single Use Battery Recycling Good News/Bad News**

Good news: Teton County businesses and residents have more than doubled the amount of single use batteries they have recycled at the recycling center this year.

Bad News: Due to the success of our battery recycling program, ISWR is no longer accepting large quantities of batteries from other government agencies or businesses. The battery recycling program is very expensive. In addition, we do not have the staff to sort and bulk the more that 4 tons of single use batteries that we receive annually. This fiscal year, we have recycled 6,200 lbs. of single use batteries and have ~2,000 lbs. ready to go. This is the same tonnage as the previous two years combined.

I have drafted an email and Brenda will send it out to a targeted audience of businesses and government agencies letting them know that it is super easy to implement their own battery recycling program.

**g. Colorado Recycling Conference**

In June, I attended the Recycle Colorado 2019 Summit in Pueblo. It was great to reconnect with folks who I have met and known over the last 16 years. The link below is to a recent article by our Ecocycle colleague, Kate Bailey. I found it in BioCycle Magazine. None of the information in Kate’s article is particularly new to us, but what was new to me was how strongly the folks at EcoCycle are against chemical recycling. I attended a very heated session at the Recycle Colorado conference on “Solutions for Plastics in Colorado.” Kate was one of the panelists as well as Priyanka Bakaya of Renewolgy in SLC (i.e., where the orange Hefty Energy Bags go). In addition to plastic chemical recycling, Renewology has some other worthy and daunting projects targeting plastic pollution in oceans, the Ganges and they have developed a reverse vending machine for plastics. Kate is anti-chemical recycling because she feels it perpetuates single-use plastic.

<https://www.waste360.com/plastics/dear-plastics-industry-we-are-headed-divorce>

**h. Landfill and Recycling Map (see attached)**

Veronica Verdin with GTNP contacted Becky and me back in May/June to learn where Teton County trash and recyclables end up. She put together the attached map with the information we provided her for the park’s safety day in June. It’s a great visual for understanding how far Teton County’s waste and recycling travels.

**i. Amended E-Waste Agreement**

In 2018, ISWR issued an RFP for electronic waste (e-waste) recycling and received two proposals. Wisetek USA, Inc., was contracted by the county on August 28, 2019, with a total estimated recycling cost of \$40,180 per year. On March 21, 2019, Wisetek informed ISWR that, due to recent volatility in the electronics recycling industry, they were no longer able to honor the pricing in the original agreement. Wisetek terminated the agreement and negotiated new pricing, in an amended agreement, for the remainder of the original agreement. Below is the estimated annual recycling expense to the county, based on Wisetek’s proposed new pricing:

	<u>Annual Costs</u>	<u>Current Agreement</u>	<u>Amended Agreement</u>
<b>Based on ISWR estimated tonnages and number of units</b>		\$40,180	\$55,220

Wisetek USA is an E-Steward and R2 certified electronic waste recycler based in Sacramento, CA. They process all materials in the most environmentally responsible methods at their facilities in the USA.

Below is an excerpt from the termination letter describing the volatility:

*Disposal of CRT Glass vs. recycling of the leaded fraction (funnel and some panel) has more than doubled in cost over the last year. Transportation costs alone have increased by more*

*than 30%. Restrictions at lead smelters have nearly shut off any capacity, thereby resulting in the leaded fraction having to go to a hazardous waste landfill if it can't go to a lead smelter. That is built into this cost. IF we were to use a lead smelter, the cost would be considerably higher for the CRT type devices.*

*The plastics market has continued to tumble with tragic results for the environment. This eroded any reasonable recovery value on all plastics from electronics recycling.*

*The composite materials within some of the TVs and Projection Screen TVs is going to a waste to energy plant. Those costs for industry compliance and demand have doubled. Landfill is the only other alternative. They cannot be recycled beneficially except waste to energy.*

*While the precious metals market has been relatively flat the last three years, the exit of some of the larger consolidators in the electronics recycling industry has led to higher minimums, treatment, smelter and refining charges, eroding the value recovery in the circuit board fractions of all the devices recycled.*

*All of the downstream solutions are permitted and documented under the E-Steward Certification.*

On May 21<sup>st</sup>, 2019, an amendment agreement was signed. A new RFP will be issued next year.

## **Report from Carrie Bell – Waste Diversion and Outreach Coordinator**

**RRR Business Leaders-** Two new applications were received in May and June. Hidden Hollow, LLC (the new apartment complex behind the Rec Center) and the Teton County Model United Nations event put on by InterConnections21 (thank you Lindsey!). Both the new business and event have exceptional sustainability policies. Hidden Hollow, LLC has requested an informational booth at their open house in August to ensure new residents understand our recycling system.

Jenny Lake Boating is applying for BEST certification with the Riverwind Foundation. A waste audit was given in mid-June with a report still to come.

**Ask a Recycler** – “Ask a Recycler” is back! If you missed my email about “Ask a Recycler,” you may sign up for shifts [here](#). Days of the week and times listed on the sign up are just suggestions. Please make it work for your schedule, as there is no consistent prime time to be at any community recycling site. Just list which site you will be at and when. Gloves and a vest are encouraged and can be picked up at the Recycling Center. Be available to answer any questions the public has and it’s a great time to clean up the sites if no one is recycling.

**Art Fairs-** The Art Association has requested a recycled art project for the kid’s zone at the Art Fairs this summer. Reusable t-shirt bags will be available to make, and potentially a magazine mural. The Art Association has taken steps to create a more sustainable and zero waste event by renting the JH20 station, purchasing reusable cups, and encouraging reuse education.

**Maternity Leave-** Thank you for your patience while I've been on full maternity leave and during my reduced schedule. I plan to gradually add hours back until I'm full time, likely sometime in September. Feel free to reach out as needed!