



## FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT

Member of Wyoming Solid Waste and Recycling Association (WSWRA)

P.O. Box 1400  
Lander, WY 82520  
telephone 307.332.7040  
fax 307.332.5013  
trashmatters.org

### MEETING AGENDA

FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT  
BOARD OF DIRECTORS – REGULAR MEETING  
February 17, 2021 - 9:30 a.m.

#### 1. PRELIMINARY ITEMS:

- a. Pledge of Allegiance
- b. Roll Call: Michael Adams, Steve Baumann, Gary Weisz, Rick Klaproth, Mark Moxley, Rob Dolcater, Rod Haper, Jennifer Lamb, and Robert Townsend
- c. Declaration of Quorum
- d. Approval of Agenda (*Discussions and Formal Action*)
- e. Public Comment / Communication from the Floor

#### 2. CONSENT ITEMS:

- a. Approval of the Meeting Minutes
  - i. January 2020
  - ii. February 2021 Work Session
- b. Approval of the Accounts Payable
  - i. January 2020
- c. Acceptance of Consultants and Agreement Reports
  - i. Trihydro Corporation
  - ii. Burns and McDonnell
  - iii. Wind River Inter-Tribal Solid Waste – *no report submitted*
- d. Acceptance of Staff Reports
  - i. Superintendent Report

#### 3. BUSINESS ITEMS:

- a. MASA Air and Ground Ambulance Supplemental Coverage – Board Enrollment (*Discussions*)
- b. Trihydro Task Order Requests – Shoshoni Landfill Closure (*Discussions and Formal Action*)
- c. Scale Facility Infrastructure (*Discussion*)
- d. Operational Evaluation and Strategic Planning Project Update – Matt Evans (*Discussion*)

#### 4. NEW BUSINESS

#### 5. CLOSING ITEMS:

- a. Upcoming Meeting(s):
  - i. The next Regularly Scheduled Meeting(s): March 15, 2021, at 9:30 a.m.
- b. Call for Adjournment



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FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT

### Minutes of Regular Board Meeting

January 18, 2021

#### 1. PUBLIC HEARING – FREEDOM OF INFORMATION ACT POLICY

CHAIRMAN MOXLEY introduced the topic for the public hearing and opened the floor to comments and questions from the audience and Board. Hearing no comments or questions, the public hearing was closed.

#### 2. PRELIMINARY ITEMS:

a. – c. The regular meeting of the Fremont County Solid Waste Disposal District Board of Directors was held on the above date and called to order by CHAIRMAN MOXLEY at 9:35am. CHAIRMAN MOXLEY then led the Pledge of Allegiance and declared that there was a quorum of the Board with the following people in attendance:

<u>Board Members:</u>	Rod Haper (via Zoom), Michael Adams (via phone), Rick Klaproth, Gary Weisz, Jennifer Lamb (via Zoom), Robert Townsend, Steve Baumann, Mark Moxley, and Rob Dolcater
<u>Excused Member(s):</u>	No Excused Members
<u>Unexcused Member(s):</u>	No Unexcused Members
<u>Commissioner Liaison:</u>	Commissioner Mike Jones
<u>Community Liaisons:</u>	Kyle Larson (City of Riverton)
<u>Attorney:</u>	Rick Sollars (Western Law & Assoc.)
<u>Staff:</u>	Superintendent Andy Frey
<u>Consultant(s):</u>	Matt Evans (Burns and McDonnell) via Zoom and Susan Brodie
<u>Guest(s):</u>	Brian Eggleston (City of Riverton), Bruce Levin (Wyoming Waste), Joel Highsmith (Town of Shoshoni)

#### d. Approval of Agenda

GARY WEISZ made a motion to approve the consent agendas presented. SECRETARY/TREASURER KLAPROTH seconded the motion. **MOTION CARRIED**

#### e. Public Comment/Communication from the Floor

CHAIRMAN MOXLEY opened the floor to public comment.

**Discussions:** (1.) Joel Highsmith (Mayor of Shoshoni) requested clarification on the schedule and availability of the Shoshoni Landfill. Superintendent Frey explained that the landfill closed for any public access January 31, 2021, and that the balance of room within the landfill footprint will be used by the District prior to the scheduled closure later this summer. (2.) Joel Highsmith (Mayor of Shoshoni) questioned the Board on their willingness to add additional days at the Shoshoni Transfer Station by developing their own (i.e. Shoshoni) volunteer staff. CHAIRMAN MOXLEY stated that the Board would prefer any community to develop their own volunteer committee to run the sites; however, the operation would be left solely to the community at that point.

### 3. CONSENT ITEMS:

- a. **Approval of Prior Meeting Minutes**
  - i. December 2020
- b. **Approval of Accounts Payable**
  - i. December 2020 Invoices
- c. **Acceptance of Consultants Reports:**
  - i. Trihydro Corporation – Progress Report
  - ii. Burns and McDonnell – Progress Report
  - iii. Wind River Indian Reservation Inter-Tribal Solid Waste Program – No Report Submitted
- d. **Acceptance of Staff Reports:**
  - i. Superintendent Report

### 4. OTHER ITEMS OF BUSINESS:

- a. **Election of Officers – Chairman, Vice-Chair, Secretary/Treasurer (*Discussion and Formal Action*)**

CHAIRMAN MOXLEY opened the discussion with a statement that he and VICE-CHAIRMAN ADAMS would be open to staying on in similar roles if no other members are interested with the understanding that they would swap positions.

GARY WEISZ nominated MICHAEL ADAMS as Chairman, MARK MOXLEY as Vice-Chairman, and RICK KLAPROTH as Secretary/Treasurer. BOB TOWNSEND seconded the motion. **MOTION CARRIED**

- b. **Notice: IRS Mileage Reimbursement Rate for 2021 is \$0.56 per Mile (*Discussions*)**

Superintendent Frey presented the IRS mileage reimbursement rate for 2021 and clarified that Board members qualify for reimbursement for mileage traveled while conducting District business.

- c. **New Year/Board Resolutions: (*Discussions and Formal Action*)**

- i. **Proposed Resolution 01-2021: Authorized Depositors**

Superintendent Frey presented proposed Resolution 01-2021: Authorized Depositors, the resolution that authorizes the listed banks to receive District deposits.

STEVE BAUMANN made a motion to approve Resolution 01-2021 as presented. GARY WEISZ seconded the motion. **MOTION CARRIED**

- ii. **Proposed Resolution 02-2021: Authorized Account Signers**

Superintendent Frey presented proposed Resolution 02-2021: Authorized Account Signers, the resolution that authorizes individuals to sign District documents, noting that two signatures are always necessary and at least one Board member for any financial documents.

STEVE BAUMANN made a motion to approve Resolution 02-2021 as presented. ROB DOLCATER seconded the motion. **MOTION CARRIED**

- iii. **Proposed Resolution 03-2021: Authorized Facsimile Signatures (State of WY requirement)**

Superintendent Frey presented proposed Resolution 03-2021: Authorized Facsimile Signatures, the resolution that lists all of the Board members with the State of Wyoming.

STEVE BAUMANN made a motion to approve Resolution 03-2021 as presented. ROB DOLCATER seconded the motion. **MOTION CARRIED**

**d. Freedom of Information Act Policy (*Discussion and Formal Action*)**

Superintendent Frey reviewed the document, summarizing the policy as requiring a written request, the District developing a cost estimate based on hourly rates and actual material costs, and advance payment based on the estimate with a final accounting at the end of the process.

STEVE BAUMANN made a motion to approve the Freedom of Information Act policy as presented. GARY WEISZ seconded the motion. **MOTION CARRIED**

**e. Teton County Request for Deer Carcass Disposal (*Discussion*)**

Superintendent Frey informed the Board that following last month's discussions Hank Edwards from the Wyoming Game and Fish was contacted regarding their stakeholder's meetings and the subsequent white paper. He confirmed that there was nothing in the document that guided disposal. He did provide another research paper that was included in the Board packets that reviews the ability for the CWD to transfer from environmental exposures.

**Discussions:** (1.) Limiting improper disposal statewide would benefit the state as a whole. (2.) With the limited knowledge of the risk, acceptance would create additional liabilities for the District. (3.) Unknown additional regulatory constraints.

**f. Operational Evaluation and Strategic Planning Project Update – Matt Evans (*Discussion*)**

Matt Evans reviewed the priority list completed at the prior meeting, identifying that safety and cost rose to the top of the cumulative list.

**Discussions:** (1.) Potential upcoming downturns in oil and gas production and tax revenues have the ability to greatly impact District revenues. (2.) Decreases in revenues could be addressed with decreased expenditures on capital items. (3.) Scheduling adjustments may address the ability to process commercial haulers timelier. (4.) Reduction in self-haulers onsite allow for safer operations. (5.) Development of process to engage the public in discussions.

**A Work Session was scheduled for February 2, 2021, at 8:30am. The work session will be publicly advertised.**

**5. NEW BUSINESS**

- a. FCSWDD Facility Tours: Superintendent Frey offered the opportunity to all Board members and commissioners to have a guided tour of all sites if there is any interest.
- b. Pre-Subtitle D Landfill Lands: ROB DOLCATER suggested that the District start working with the BLM to transfer the lands back to their management.

**6. CALL FOR ADJOURNMENT**

BOB TOWNSEND made a motion to adjourn at 11:26AM. GARY WEISZ seconded the motion. **MOTION CARRIED**

**7. UPCOMING MEETING(S):**

- a. **The Next Regularly Scheduled Meeting:**
  - i. **The next Regularly Scheduled Meeting(s): February 17, 2021, at 9:30 a.m.**

Respectfully submitted by,

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Andrew Frey, P.E.  
Superintendent of Operations  
Fremont County Solid Waste Disposal District

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Mark Moxley  
Board of Director's Chairman  
Fremont County Solid Waste Disposal District



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FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT

### Minutes of Board Work Session

February 2, 2021 at 8:30am

#### 1. PRELIMINARY ITEMS:

a. – c. The work session of the Fremont County Solid Waste Disposal District Board of Directors was held on the above date and called to order by CHAIRMAN ADAMS at 9:35am. CHAIRMAN ADAMS then led the Pledge of Allegiance and declared that there was a quorum of the Board with the following people in attendance:

<u>Board Members:</u>	Rod Haper (via Zoom), Michael Adams , Gary Weisz, Jennifer Lamb (via Zoom), Robert Townsend, Mark Moxley (via Zoom), and Rob Dolcater
<u>Excused Member(s):</u>	Rick Klaproth and Steve Baumann
<u>Unexcused Member(s):</u>	No Unexcused Members
<u>Commissioner Liaison:</u>	No Commissioner Liaison
<u>Community Liaisons:</u>	No Community Liaisons
<u>Attorney:</u>	Rick Sollars (Western Law & Assoc.)
<u>Staff:</u>	Superintendent Andy Frey
<u>Consultant(s):</u>	Matt Evans (Burns and McDonnell) via Zoom and Cassidy Tieman (Burns and McDonnell) via Zoom
<u>Guest(s):</u>	Mindy (Hopper Disposal)

#### d. **Approval of Agenda**

GARY WEISZ made a motion to approve the consent agendas presented. BOB TOWNSEND seconded the motion.  
**MOTION CARRIED**

#### 2. BUSINESS ITEMS:

##### a. **Strategic Planning – Review of Proposed Alternatives (*Discussions*)**

Matt Evans reviewed with the Board operational alternatives developed by Burns and McDonnell.

- (1.) Sand Draw Landfill Only
- (2.) Closing of the Riverton Transfer Station
- (3.) Closing the Riverton Transfer Station and Not Develop a Lander Transfer Station
- (4.) Centralized Transfer Station

#### 3. CLOSING ITEMS:

##### a. Upcoming Meeting(s):

- i. The Next Regularly Scheduled Meeting: February 17, 2021, at 9:30 a.m.

##### b. Call for Adjournment:

BOB TOWNSEND made a motion to adjourn at 9:52AM. GARY WEISZ seconded the motion. **MOTION CARRIED**

Respectfully submitted by,

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Andrew Frey, P.E.  
Superintendent of Operations  
Fremont County Solid Waste Disposal District

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Michael Adams  
Board of Director's Chairman  
Fremont County Solid Waste Disposal District

Fremont County Solid Waste Disposal District  
**Balance Sheet**  
As of January 31, 2021

	<u>Jan 31, 21</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
122105 · Petty Cash	300.00
122106 · Transfer Station Cash	400.00
122107 · Scale House Cash	1,600.00
123110 · CB&T Checking	156,316.03
123115 · Edward Jones Investments	3,616,831.18
123120 · Bank of Jackson Hole	132,868.48
123130 · Wyo Star	8,218,153.19
123132 · Wyo Star II	8,279,690.41
123134 · Wyoming Community Bank	750,899.32
<b>Total Checking/Savings</b>	<u>21,157,058.61</u>
<b>Accounts Receivable</b>	232,275.42
<b>Other Current Assets</b>	<u>24,825.40</u>
<b>Total Current Assets</b>	<u>21,414,159.43</u>
<b>TOTAL ASSETS</b>	<u><b>21,414,159.43</b></u>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	<u>94,431.45</u>
<b>Total Liabilities</b>	94,431.45
<b>Equity</b>	
32000 · Unrestricted Net Assets	2,720,264.04
380860 · Cash Reserve	750,000.00
380970 · Closure/Post-Closure Reserve	16,466,876.00
Net Income	<u>1,382,587.94</u>
<b>Total Equity</b>	<u>21,319,727.98</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<u><b>21,414,159.43</b></u>



## memorandum

**To:** Andy Frey, P.E., Superintendent, Fremont County SWDD  
**From:** Jeff Young, P.E.  
**cc:** Fremont County SWDD Board  
**Date:** February 8, 2021  
**Re:** Project Updates for February 15, 2021 Board Meeting

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The following information is provided to update the Board of the Fremont County Solid Waste Disposal District (District) regarding the status of various projects that are being managed by Trihydro Corporation (Trihydro), and associated activities associated with the Wyoming Department of Environmental Quality (DEQ), Solid and Hazardous Waste Division (SHWD), Water Quality Division (WQD), and Air Quality Division (AQD). The information provided is generally limited to activity during the previous month.

### **Sand Draw, Shoshoni, Lander, and Dubois Landfills – 2020-2021 Environmental Activities and Monitoring (Task Order 10-028 / Trihydro Project 09Y-008-006)**

Trihydro conducted routine groundwater and methane monitoring during the week of October 12, 2020. Related reports, including statistical analysis, were submitted to WDEQ/SHWD on January 25, 2021. A summary of results for each facility was provided to Mr. Andy Frey, and in general, results were similar to those observed in the past. The next routine event will be quarterly methane monitoring during the first quarter of 2021, currently scheduled for late February or March.

At the end of January, three reports were submitted for the Sand Draw Title V air permit including an annual compliance certification, a semi-annual monitoring report, and an annual NMOC emission report (Non-Methane Organic Compound). Another report, the annual emissions inventory report is due to WDEQ by the end of February. The report has been drafted and is in our peer review process. This specific report must be submitted via the WDEQ/AQD IMPACT platform. (As a reminder, the IMPACT submittal must be made using a browser such as Chrome or Firefox; Explorer will not work.)

### **Technical Assistance (Task Order 10-027 / Trihydro Project 09Y-005-007)**

Technical assistance activities during the previous month included:

- A project status report was prepared for the monthly Board meeting.
- Per request, Trihydro provided typical costs for PFAS (perfluoroalkyl substances) analysis. So that the District has an idea of how costs might increase if Wyoming ever required PFAS monitoring, Trihydro will also be calculating the likely cost for sampling at one of the facilities. This review is being driven by recent rulings in Colorado that will require monitoring. PFAS are chemicals that are pervasive in the environment, may be harmful to health, and do not breakdown readily. They are



Andy Frey, FCSWDD  
February 8, 2021  
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used in products that require resistance to heat, oil, stains, grease, and water (e.g., fire fighting foams, furniture and rug treatments, water-proof clothing, food packaging, non-stick cooking surfaces, cosmetics, etc.).

- Per request, revisions to the facility maps have been provided to assist Superintendent Frey in updates to the operating permits.
- Cost and scope revisions, design review and discussions with Superintendent Frey for the closure of the Shoshoni landfill.

**Shoshoni Landfill – Water Balance Cover and Closure Permit (Task Order 10-021 / Trihydro Project 09Y-004-002)**

Trihydro revised the scope and costs and continues to discuss the closure with Superintendent Frey, at this time, the tentative schedule includes a survey update from the district, project manual updates, and quantity revisions with bidding early this spring and closure construction in July 2021. It is our intention to have a meeting with Superintendent Frey the week of February 8, 2021 and finalize our scope and costs prior to the February Board meeting.

Please let us know if you have any questions or need additional information. You can call me on my cell phone (307-851-4674), send me an email ([jyoung@trihydro.com](mailto:jyoung@trihydro.com)), or stop by our office at 388 Main Street, Suite C, in Lander.

Attachment:

- None

**END OF MEMORANDUM**

# Memorandum



Date: February 9, 2021

To: Andy Frey, PE, Fremont County Solid Waste Disposal District

From: Matt Evans, PE

Subject: Progress Report – February 2021

The following provides an update on work completed by Burns & McDonnell since the last Progress Report.

## *Operational Efficiency Study and Strategic Plan*

A work session was held with Board Members to discuss four long-term alternatives. The alternatives were discussed and refined into three alternatives for further consideration. A memorandum summarizing the alternatives is included with this month's Board packet.

Board discussions regarding the priorities of the District's operations have been ongoing throughout the strategic planning process. At the January Board meeting, a survey was completed by Board members to further determine the priorities of the Board. A summary of the combined survey results is included with this Board packet. The survey and comments from the discussions that have been had will be used to develop the preferred alternative.

Next steps for the project include:

- Use the financial model developed as part of the Operational Efficiency study to evaluate the three alternatives.
- Develop a preferred alternative based on the strategic plan discussions that have been had and the results of the survey.
- Complete a draft report of the Operational Efficiency study.

## *Capacity Audits*

Capacity audit reports have been completed and a summary of the reports is being developed to simplify the District's financial position and summarize future expenses. The summary will also include discussion regarding:

- Post-closure costs after 30-years
- Closure costs if the District's landfills had to be closed today (i.e., immediate closure costs)

## *Technical Engineering Assistance*

Burns & McDonnell completed our monthly progress report, invoice and overall project management related to the administration of the project as part of this task.

# Memorandum *(continued)*



February 9, 2021

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## *Capital Improvement Plan Modeling*

The CIP model is being used as the foundation for the financial analysis being completed as part of the Operational Efficiency and Strategic Planning Study. It will be updated in the second quarter of this year as the fiscal year 20-21 winds to a close.

## *Dubois Landfill Cell Excavation Plan Preparation*

Burns & McDonnell submitted a C&D landfill excavation bid package to the Superintendent in January.

## *On-call Surveying*

On January 12<sup>th</sup>, surveying was completed by Burns & McDonnell's subcontracted surveyor to develop a base map for the Shoshoni Landfill closure project.

Burns & McDonnell appreciates the opportunity to work with the District. If there are any questions regarding this progress report or work that is being completed, please do not hesitate to contact me at 612-240-2094 or [maevans@burnsmcd.com](mailto:maevans@burnsmcd.com) at your earliest convenience.

Fremont County Solid Waste Disposal District

**Superintendent Report**

February 11, 2021

Office/Staff/Board/Inter-Government

Office:

1. The calculated tonnages and cost per ton are as follows (calculated using monthly expenses and monthly tonnages):
  - a. 2013 = \$140 per ton & 31,472 total tons
  - b. 2014 = \$176 per ton & 27,562 total tons
  - c. 2015 = \$99 per ton & 31,890 total tons
  - d. 2016 = \$103 per ton & 29,659 total tons
  - e. 2017 = \$102 per ton & 33,483 total tons
  - f. 2018 = \$106 per ton & 36,352 total tons
  - g. 2019 = \$88 per ton & 41,900 total tons
  - h. 2020 = \$89 per ton & 36,200 total tons

Staff:

1. December 2020: Following the approval of the **Safety Incentive Program** in April 2015, and the implementation July 1, 2015, the Riverton Area staff (i.e. Riverton Transfer Station, the Sand Draw Landfill, the Shoshoni Landfill, and the rural transfer stations) has not had a single lost-time accident/incident in **5 years and 7 months**, and the Lander Area staff (i.e. Lander Landfill and the Dubois Landfill) had one lost-time accident early on but has now made it **5 years and 1 month!!**

Board:

1. 2020 – Below is the current list of **Board Committees and Members**.
  - a. Recycling Committee: Jennifer Lamb, Gary Weisz, Bob Townsend, and Mark Moxley.
  - b. Health Benefit and Wage Committee: Rob Dolcater, Mike Adams, Gary Weisz, and Rick Klaproth.
  - c. Planning Committee: Bob Townsend, Steve Baumann, Jen Lamb, and Gary Weisz.
  - d. Budget Committee: Rick Klaproth, Gary Weisz, Rob Dolcater, and Mark Moxley.
  - e. WRIR Solid Waste Negotiations Committee: Rod Haper, Steve Baumann, Gary Weisz, and Mark Moxley.

Inter-Government:

1. State – February 2021: We have reached out to Representative Lloyd Larsen regarding potential legislation to address a concern with the **Wyoming Retirement System** that allows a retiree to draw unemployment benefits back on an entity they have formally retired from. This concern was recently discussed with the City of Riverton, with them expressing a concern over the same issue.
2. County – *No Updates*
3. Municipalities – *No Updates*

## Regulatory/Engineering/Legal/General Contractors

### Regulatory:

1. December 2020: The **new up-gradient groundwater monitoring well** at the Shoshoni Landfill was agreed to with Craig McOmie (WDEQ).
2. February 2021: The **permit renewals** for the Lander Transfer Station and the Riverton Transfer Station were completed in-house and submitted to the WDEQ-SHWD.
3. February 2021: A recent ruling in the State of Colorado has developed requirements associated with the **PFAS/PFOS** constituents in wastewater facilities. In preparation of potential upcoming rulings in Wyoming, Trihydro has been asked to develop a price estimate to complete analysis for PFAS and PFOS in the Districts groundwater monitoring wells to better understand potential future concerns.

### Engineering:

1. Trihydro: (1.) Environmental Monitoring (2.) Groundwater Classifications (3.) Groundwater Statistical Methodology Review (4.) Shoshoni Landfill Closure Plans and Specifications.
2. Burns and McDonnell: (1.) Capacity Audits (2.) Surveying (3.) Operational Efficiency Evaluation and Strategic Planning (4.) Dubois Excavation Plans.
  - January 2021: The task order and additional project work associated with the **Dubois Landfill Cell Excavation project** has been postponed. With the detailed review of the District's future service level underway this activity seems premature.

### Legal – No Updates

### General Contractors – No Updates

## Sites/Operations/Equipment:

Sites – January 2021: District staff have been working to complete the on-site grading and processing of the waste materials received at the **Shoshoni Landfill** during the last publicly open event. The remaining amount of airspace is quite minimal and will be reserved for the District's own use in tire management.

Operations – February 2021: The District completed the **2020 Annual Report** and made the document available at the 2021 Farm and Ranch Days event in Riverton along with other information to all those in attendance.

### Equipment:

1. January 2021: The District's mechanic completed the replacement of **new tracks and undercarriage** on a District owned D-6 dozer. This was a large project that was completed in-house and saved the District around \$7,000 in outside labor charges.

## Miscellaneous/Upcoming Work & Events/Work in Progress:

### Miscellaneous – No Updates

### Upcoming Work & Events – No Updates

Work in Progress – January 2021: The District continues to track, measure and record all **tire management** activity (i.e. volume reductions associated with landfilling, trailer weights and hauling volumes, and landfill volume reductions) for use in future tire management decisions. This work has

included completing survey work on tire stockpiles and landfill fill areas post tire placement and processing. Additionally, price and freight costs for out-of-county disposal options (i.e. Tires for Reclamation in Laurel, MT, Liberty Tire in Salt Lake City, UT, contract tire shredding with SRSS in Pierre, SD, and shredder rental rates with Power Screening in Henderson, CO) have been updated within the tracking document.

Thank you,



Andrew Frey, P.E.  
Superintendent of Operations  
Fremont County Solid Waste Disposal District

# Memorandum



**Date:** February 9, 2021

**To:** Fremont County Solid Waste Disposal District Board of Directors

**From:** Matt Evans, Burns & McDonnell

**Subject:** Fremont County Solid Waste District Operational Alternatives

Four long-term District operation alternatives are described below. These were discussed with the Board in a work session on Tuesday, February 2, 2021. It should be noted that all four of the alternatives are for a future scenario in which the Lander Landfill has reached capacity and closed, and the Sand Draw Landfill is the primary municipal solid waste (MSW) landfill in the District. Additionally, it is assumed that the Shoshoni Landfill is closed in 2021 as planned.

## **Alternative 1: Operate Sand Draw Landfill Only**

The first alternative for consideration is to operate only the Sand Draw Landfill. This alternative option represents the most simplified and lowest level of service the District can provide while still providing a MSW landfill disposal option within the county. In this scenario, the Sand Draw Landfill will be the only current District facility that remains open. The Dubois and Riverton transfer stations will be closed, as well as all rural transfer stations. No new transfer stations or other facilities will be constructed. This scenario will also cease all current recycling operations and management services, including the recycling drop-sites in Lander and Riverton.

Important concerns and considerations of Alternative 1 include the risk of increased illegal dumping throughout the county and increased recycling quantities ending up landfilled. Additionally, the current policy requiring the District to provide MSW transfer station services within 20 miles of all District residences will need to be reevaluated and revised. Green waste, wood waste, manure, scrap metal and difficult to dispose of items (e.g., motor oil, anti-freeze, electronic waste, batteries, and paint) will all need to be accepted at the Sand Draw Landfill for waste disposal. Construction and demolition debris (C&D) waste will be landfilled at the Sand Draw Landfill.

The following are the key summary components of Alternative 1:

- Sand Draw Landfill will be the only major facility open within the District; and
- All other transfer stations will be closed, and a new facility will not be built in Lander.

## **Alternative 2: Close Riverton Transfer Station**

Alternative 2 is to close the Riverton Transfer Station while keeping all other facilities open. The Sand Draw Landfill, Dubois Transfer Station, Dubois C&D Landfill, and all rural transfer stations will continue operating as they are presently, and a Lander Transfer Station will be constructed in the next few years prior to the Lander Landfill reaching capacity. The recycling

February 9, 2021

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drop sites at Lander and Riverton will also remain open. Green waste, wood waste, manure, scrap metal and difficult to dispose of items (e.g., motor oil, anti-freeze, electronic waste, batteries, and paint) will be accepted at the Sand Draw Landfill, Lander Transfer Station, and the Dubois Landfill for waste disposal. The District will also increase public outreach regarding how and where to dispose of materials, including difficult to manage materials. C&D waste will either be landfilled at the Dubois C&D Landfill or the Sand Draw Landfill. This alternative option presents the least amount of change from existing District operations by providing a variety of convenient disposal locations throughout the county while also improving necessary operational efficiencies.

The following are the key summary components of Alternative 2:

- Sand Draw Landfill will remain operational;
- Lander Transfer Station will be built in the next few years;
- Dubois Transfer Station will remain operational;
- Dubois C&D Landfill will remain operational;
- Rural transfer stations will remain as currently operated and maintained;
- Increased public outreach regarding how to dispose of materials will be needed; and
- Recycling drop-sites in Lander and Riverton will be consolidated and processed in Riverton.

### **Alternative 3: Close Riverton Transfer Station, Dubois Landfill, and Lander Landfill**

In Alternative 3, the Sand Draw Landfill and Dubois Transfer Station will remain open, but the Riverton Transfer Station, Dubois C&D Landfill, and Lander Landfill will close. In this alternative, the Lander facility will be closed (except for a recycling drop site) and a new transfer station will not be built. Rural transfer stations will remain open, however, they will be strictly volunteer operated (similar to how Atlantic City is currently operated). Exceptions to this include the rural transfer stations located on reservation lands, which will remain open and operate as they are presently. No new Lander transfer station will be constructed. Green waste, wood waste, manure, scrap metal and difficult to dispose of items (e.g., motor oil, anti-freeze, electronic waste, batteries, and paint) will be accepted at the Sand Draw Landfill and Dubois Transfer Station for waste disposal. Recycling drop sites in Dubois, Lander, and Riverton will remain open. Removing operations at the Riverton Transfer Station, Dubois Landfill and Lander Landfill will provide a lower budget alternative to Alternative 2 but provide more service than Alternative 1.

The following are the key summary components of Alternative 3:

- Sand Draw Landfill will remain operational;
- Dubois Transfer Station will remain operational;

February 9, 2021

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- Dubois C&D Landfill will close;
- There will be recycling drop-sites in Dubois, Lander, and Riverton (consolidated and processed in Lander and Riverton);
- Rural transfer stations will be volunteer only, with exception to those on reservations; and
- The Lander Landfill will close with no new transfer station to be built.

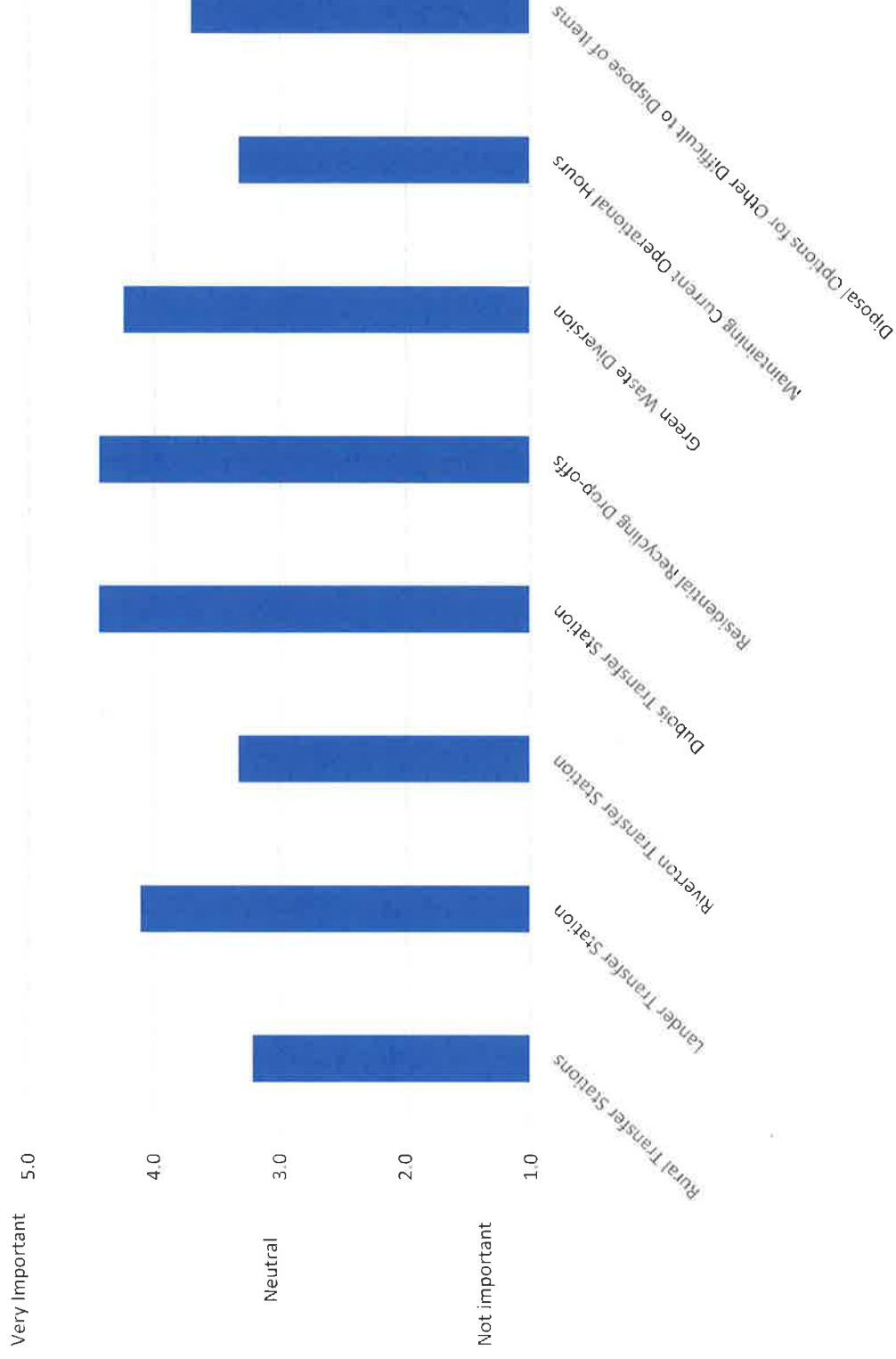
## **Alternative 4: New Centralized Transfer Station**

In Alternative 4, a new transfer station would be constructed at a central location within the county. With exception to Sand Draw Landfill and Dubois C&D Landfill, all other facilities will close. This option was deemed unfeasible upon discussion with Board due to challenges with locating a transfer station on the Wind River Reservation (i.e., the likely central location in the county that the new transfer station would be located at). Because of this, the alternative did not warrant any further analysis.

Burns & McDonnell looks forward to refining and analyzing these alternative options as a strategic plan is developed to guide District operations for years to come. Please don't hesitate to reach out to Matt Evans at (952) 222-7249 or [maevans@burnsmcd.com](mailto:maevans@burnsmcd.com) with any questions.

## Service Importance Rankings

### Congregated Board Survey Results





## memorandum

**To:** Andy Frey, P.E., Superintendent, Fremont County SWDD  
**From:** Jeff Young, P.E.  
**cc:** Fremont County SWDD Board  
**Date:** February 8, 2021  
**Re:** Project Updates for February 15, 2021 Board Meeting

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The following information is provided to update the Board of the Fremont County Solid Waste Disposal District (District) regarding the status of various projects that are being managed by Trihydro Corporation (Trihydro), and associated activities associated with the Wyoming Department of Environmental Quality (DEQ), Solid and Hazardous Waste Division (SHWD), Water Quality Division (WQD), and Air Quality Division (AQD). The information provided is generally limited to activity during the previous month.

### **Sand Draw, Shoshoni, Lander, and Dubois Landfills – 2020-2021 Environmental Activities and Monitoring (Task Order 10-028 / Trihydro Project 09Y-008-006)**

Trihydro conducted routine groundwater and methane monitoring during the week of October 12, 2020. Related reports, including statistical analysis, were submitted to WDEQ/SHWD on January 25, 2021. A summary of results for each facility was provided to Mr. Andy Frey, and in general, results were similar to those observed in the past. The next routine event will be quarterly methane monitoring during the first quarter of 2021, currently scheduled for late February or March.

At the end of January, three reports were submitted for the Sand Draw Title V air permit including an annual compliance certification, a semi-annual monitoring report, and an annual NMOC emission report (Non-Methane Organic Compound). Another report, the annual emissions inventory report is due to WDEQ by the end of February. The report has been drafted and is in our peer review process. This specific report must be submitted via the WDEQ/AQD IMPACT platform. (As a reminder, the IMPACT submittal must be made using a browser such as Chrome or Firefox; Explorer will not work.)

### **Technical Assistance (Task Order 10-027 / Trihydro Project 09Y-005-007)**

Technical assistance activities during the previous month included:

- A project status report was prepared for the monthly Board meeting.
- Per request, Trihydro provided typical costs for PFAS (perfluoroalkyl substances) analysis. So that the District has an idea of how costs might increase if Wyoming ever required PFAS monitoring, Trihydro will also be calculating the likely cost for sampling at one of the facilities. This review is being driven by recent rulings in Colorado that will require monitoring. PFAS are chemicals that are pervasive in the environment, may be harmful to health, and do not breakdown readily. They are



Andy Frey, FCSWDD  
February 8, 2021  
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used in products that require resistance to heat, oil, stains, grease, and water (e.g., fire fighting foams, furniture and rug treatments, water-proof clothing, food packaging, non-stick cooking surfaces, cosmetics, etc.).

- Per request, revisions to the facility maps have been provided to assist Superintendent Frey in updates to the operating permits.
- Cost and scope revisions, design review and discussions with Superintendent Frey for the closure of the Shoshoni landfill.

**Shoshoni Landfill – Water Balance Cover and Closure Permit (Task Order 10-021 / Trihydro Project 09Y-004-002)**

Trihydro revised the scope and costs and continues to discuss the closure with Superintendent Frey, at this time, the tentative schedule includes a survey update from the district, project manual updates, and quantity revisions with bidding early this spring and closure construction in July 2021. It is our intention to have a meeting with Superintendent Frey the week of February 8, 2021 and finalize our scope and costs prior to the February Board meeting.

Please let us know if you have any questions or need additional information. You can call me on my cell phone (307-851-4674), send me an email ([jyoung@trihydro.com](mailto:jyoung@trihydro.com)), or stop by our office at 388 Main Street, Suite C, in Lander.

Attachment:

- None

**END OF MEMORANDUM**

# Fremont County Solid Waste Disposal District



## 2020 Annual Report

*Fremont County Solid Waste Disposal District  
District Office - 52 Beebee Road / PO Box 1400  
Lander, WY 82520  
(307) 332-7040 - Office  
(307) 332-5013 - Fax  
[trashmatters.org](http://trashmatters.org)  
Andrew Frey, P.E. - Superintendent of Operations*

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## General Information and Background

The Fremont County Solid Waste Disposal District was formed in 1978 by the County Commissioners to better manage the solid waste disposal in Fremont County. At that time, there were over 12 landfills in Fremont County, not managed by any particular group, and had no environmental considerations (i.e. fencing, monitoring wells, activity logs, surveying to track filling areas, or plans for future waste management). Seven landfills have been closed already with the Shoshoni Landfill scheduled for closure in calendar year 2021. Currently the District operates only 4 landfills, but a total of 20 sites:

- (x4) Landfills: Lander Landfill (msw), Sand Draw Landfill (msw), Dubois Landfill (cdw), and Shoshoni Landfill (cdw).
- (x3) Large Scale Transfer Stations: Lander, Riverton, and Dubois.
- (x3) Free Primary Recycling Areas: Lander Landfill, Riverton Transfer Station, and Dubois Landfill.
- (x6) Rural – Small Scale Transfer Stations: Jeffrey City (volunteer operated), Atlantic City (volunteer operated), Lysite (volunteer operated), Shoshoni, Missouri Valley, and Pavillion.
- (x3) Contracted – Small Scale Transfer Stations: Ft. Washakie, Crowheart, and Ethete.

## Site and Service Information

- **Lander Facility**  
52 Beebee Road  
Lander, WY 82520  
Contact Number (307) 332-7040  
**Hours of Operation**  
Tuesday through Friday  
8:00am until 5:00pm
  - o Administrative Office
  - o Maintenance Headquarters
  - o MSW Landfill
  - o Recycling (Aluminum, Tin Cans, Plastic Bottles #1, Plastic Bottles #2, Mixed Paper, and Corrugated Cardboard).
  - o Waste Diversion (E-Waste, Scrap Metal, Yard Waste, Motor Oil, Antifreeze, Lead Acid Batteries, and Latex Paint).
- **Riverton Facility**  
329 North Smith Road  
Riverton, WY 82501  
Contact Number (307) 332-7040  
**Hours of Operation**  
Tuesday through Friday  
8:00am until 5:00pm
  - o MSW Transfer Station
  - o Recycling (Aluminum, Tin Cans, Plastic Bottles #1, Plastic Bottles #2, Mixed Paper, and Corrugated Cardboard).
  - o Waste Diversion (E-Waste, Scrap Metal, Yard Waste, Motor Oil, Antifreeze, Lead Acid Batteries, and Latex Paint).

- **Sand Draw Facility**  
 743 Sand Draw Road  
 Riverton, WY 82501  
 Contact Number (307) 332-7040  

○ MSW Landfill  
 ○ Waste Diversion (E-Waste, Scrap Metal, Motor Oil, Antifreeze, Lead Acid Batteries, and Latex Paint).

**Hours of Operation**  
 Tuesday through Friday  
 8:00am until 5:00pm
  
- **Dubois Facility**  
 100 Mountain View Road  
 Dubois, WY 82513  
 Contact Number (307) 332-7040  

○ MSW Transfer Station  
 ○ CDW Landfill  
 ○ Recycling (Aluminum, Tin Cans, Plastic Bottles #1, Plastic Bottles #2, Mixed Paper, and Corrugated Cardboard).  
 ○ Waste Diversion (E-Waste, Scrap Metal, Yard Waste, Motor Oil, Antifreeze, Lead Acid Batteries, and Latex Paint).

**Hours of Operation**  
 Tuesday, Wednesday, and Saturday  
 9:00am until 1:00pm and 2:00pm until 4:00pm
  
- **Shoshoni Facility (CLOSED to the Public effective February 1, 2021)**  
 Muskrat Road South  
 Shoshoni, WY 82649  
 Contact Number (307) 332-7040  

○ CDW Landfill
  
- **Rural Transfer Stations:**
- **District Operated:**
  - **Shoshoni Transfer Station**  
 South Maple Street  
 Shoshoni, WY 82649  
 Contact Number (307) 332-7040  

**Hours of Operation**  
 Summer Hours 1<sup>st</sup> Saturday 9:00am-1:00pm  
 (May 1–Sept 30) 3<sup>rd</sup> Friday 2:30pm-6:30pm  
 Winter Hours 1<sup>st</sup> Saturday 9:00am-1:00pm  
 (Oct 1–Apr 30) 3<sup>rd</sup> Friday 1:00pm-5:00pm
  
  - **Missouri Valley Transfer Station**  
 Bushwacker Road  
 Riverton, WY 82501  
 Contact Number (307) 332-7040  

**Hours of Operation**  
 Summer Hours 1<sup>st</sup> Friday 2:30pm-6:30pm  
 (May 1–Sept 30) 3<sup>rd</sup> Saturday 9:00am-1:00pm  
 Winter Hours 1<sup>st</sup> Friday 1:00pm-5:00pm  
 (Oct 1–Apr 30) 3<sup>rd</sup> Saturday 9:00am-1:00pm
  
  - **Pavillion Transfer Station**  
 North Pavillion Road  
 Pavillion, WY 82523  
 Contact Number (307) 332-7040  

**Hours of Operation**  
 Summer Hours 2<sup>nd</sup> Friday 2:30pm-6:30pm  
 (May 1–Sept 30) 4<sup>th</sup> Saturday 9:00am-1:00pm  
 Winter Hours 2<sup>nd</sup> Friday 1:00pm-5:00pm  
 (Oct 1–Apr 30) 4<sup>th</sup> Saturday 9:00am-1:00pm

- **Community-Based Volunteer Operated:**

- **Atlantic City Transfer Station**  
*Winter Road*  
*Altantic City, WY 82520*  
*Contact Phone (307) 332-5981*

**Hours of Operation**  
*Set by Community*

- **Jeffrey City Transfer Station**  
*Crooks Gap Road*  
*Jeffrey City, WY 82310*  
*Contact Phone (307) 544-2223*

**Hours of Operation**  
*Set by Community*

- **Lysite Transfer Station**  
*Badwater Road*  
*Lysite, WY 82642*  
*Contact Phone (307) 315-3322*

**Hours of Operation**  
*Set by Community*

- **Contractor Operated:**

- **Crowheart Transfer Station**  
*Highway 26*  
*Crowheart, WY 82512*  
*Contact Number (307) 332-6625*

**Hours of Operation**  
*Set by the WRIR Inter-Tribal Council*

- **Fort Washakie Transfer Station**  
*Highway 287*  
*Fort Washakie, WY 82514*  
*Contact Number (307) 332-6625*

**Hours of Operation**  
*Set by the WRIR Inter-Tribal Council*

- **17-Mile Transfer Station**  
*17-Mile Road*  
*Arapahoe, WY 82510*  
*Contact Number (307) 332-6625*

**Hours of Operation**  
*Set by the WRIR Inter-Tribal Council*



## **Board Member and Meeting Information**

The current Board of Directors, contact information, and area served are as follows:

<b><u>Name</u></b>	<b><u>Role</u></b>	<b><u>Area Represented</u></b>	<b><u>Email</u></b>
Michael Adams	Chairman	Lander Area	mjadams2011@yahoo.com
Mark Moxley	Vice-Chairman	Lander Area	mmox@q.com
Rick Klaproth	Secretary/Treasurer	Missouri Valley Area	ricjnechoR@wyoming.com
Steve Baumann	Member	Lander Area	baumann.bonnet@gmail.com
Rod Haper	Member	Lander Area	rod.haper@haper.org
Gary Weisz	Member	Shoshoni Area	wgweisz@rtconnect.com
Rob Dolcater	Member	Riverton Area	rdolcater@wyoming.com
Jennifer Lamb	Member	Lander Area	jenlamb72@gmail.com
Robert Townsend	Member	Atlantic City Area	inthewind@wyoming.com

All District Board meetings and Work Sessions are open to the public. Regularly scheduled meetings are held the third Monday of each month at the District Office at the Lander site. Meetings start at 9:30am, with a public comment opportunity at the start of each meeting. For additional information please visit the Districts website at "trashmatters.org" or feel free to call us at (307) 332-7040.



## **Prior Year Accomplishments**

2020 was a very unusual year with the onset of the COVID-19 pandemic coupled with a typically busy year. Since waste management remains an essential service, the District operations noted only minor changes with reduced staff to customer interface (where and when possible). No hours of operation changes or site access changes were implemented or pursued.

One area of pride the District has achieved is another cost-effective waste management program year with the 2020 cost-per ton management expense at \$89 per ton.

### **Regulatory Work:**

The District worked through permit renewals on all six of the Low-Hazard Low-Volume transfer stations (i.e. Atlantic City, Lysite, Jeffrey City, Shoshoni, Missouri Valley, and Pavillion). Additionally, consistent with the in-place agreements with the WDEQ, the District submitted a closure schedule for the Shoshoni Landfill.

### **Safety:**

Safety remains at the forefront of priorities for the District as represented by the two categorized areas of the District exceeding five years without a lost-time accident. The Riverton area has now attained five and a half years and the Lander area has attained five years.

These safety-minded priorities, supported by an earnest staff, have allowed the District's Workers' Compensation Rating to drop down to 1.3%, well below the industry average.

COVID-19 safety protocols have also been adopted and have been noted as well supported by the staff. These protocols are consistent with the Center for Disease Control (CDC) recommendations. As all groups represented within the US and abroad have experienced, we have had a number of staff persons directly or indirectly impacted. Additional safety considerations remain under review with a goal of best protecting our staff.

### Community Commitments and Contributions:

Another priority of the District has been to maintain an active role in the community, giving back in areas of environmental concern. A few key examples include the following:

- Annual Household Hazardous Waste and Chemical Cleanup Event: *This past year's event was cancelled due in large part to the partnering groups withdrawing from the volunteer contributions. These events rely heavily on these volunteer groups. The District has committed to hosting an event in 2021 regardless to outside volunteers.*
- Annual Christmas Tree Program: *The District again offered the annual free Christmas Tree disposal opportunity; however, Wyoming Game and Fish cancelled the Ocean Lake Fish Habitat event due to concerns around COVID-19.*
- Deer Carcass Fee Waiver: *The District committed to again working with the Wyoming Game & Fish on the Deer Carcass Waiver where the District waives all disposal fees for deer carcasses (i.e. mule deer, white-tail deer, elk, and moose). This program is part of a pilot project study aimed at encouraging proper disposal of these carcasses into landfills and slowing the spread of diseases that impact deer herds across the state.*
- Wyoming Life Resource Center: *The District has continued to work with the State of Wyoming Construction Group and assigned contractors for a third year in developing a plan of disposal for waste materials generated as part of the demolition of the old campus requiring special disposal needs.*
- City of Riverton Tub Grinder: *The District provided financial assistance to the City of Riverton to assist with the replacement of a tub grinder. The City of Riverton and the District work together to provide the Riverton area yard waste management program.*

### Operational Efficiency Changes:

The District staff and Board of Directors remain committed to responsibly managing the Fremont County waste through safe and efficient operations. The operations remain under constant review. A few adopted operational efficiencies include the following:

- Freedom of Information Act Policy: *The District worked to develop a clear-cut and easy to use policy for requesting information from the District through the Freedom of Information Act.*
- Operational Efficiency Review and Strategic Planning Project: *The District hired a Burns and McDonnell to provide a third-party review of the District operations and to assist with development of a 20-year strategic plan to ensure the District has a clear plan moving ahead that ensures financial health and responsibility. This is the second project of this nature completed in the last nine years.*
- Fleet Updating: *The District has worked through competitive bidding and purchasing of a new semi-tractor for use in waste transfer, a new side-dump trailer for use in onsite soil management and aggregate hauling, and three backhoe units to replace the three aged and no longer cost-effective units used.*

- *A summary of the waste management expense for the past eight years are as follows:*  

<i>2013 @ \$140 per ton managing 31,500 tons</i>	<i>2014 @ \$176 per ton managing 27,500 tons</i>
<i>2015 @ \$99 per ton managing 32,000 tons</i>	<i>2016 @ \$103 per ton managing 30,000 tons</i>
<i>2017 @ \$102 per ton managing 33,500 tons</i>	<i>2018 @ \$106 per ton managing 36,500 tons</i>
<i>2019 @ \$88 per ton managing 42,000 tons</i>	<i>2020 @ \$89 per ton managing 36,000 tons</i>

- *A summary of the recycling and waste diversion for 2020 is as follows:*

*Recycling:*

- *Corrugated Cardboard: 1,097 tons*
- *Mixed Paper: 508 tons*
- *Aluminum: 30 tons*
- *Tin Cans: 29 tons*
- *Plastic Bottles #1: 26 tons*
- *Plastic Bottles #2: 24 tons*

*Waste Diversion:*

- *Motor Oil: 3,610 gallons (the District also utilizes additional collected motor oil in furnaces)*
- *Antifreeze: 652 gallons*
- *Yard Waste: 3,261 tons*
- *Lead Acid Batteries: 1,781 batteries*
- *Electronic Waste: 72 tons*

**Contract and Project Work:**

- *Financial Auditor:* *A new financial auditing firm was selected to complete the annual financial audits.*
- *Scrap Metal Processor:* *A new scrap metal processing group was selected to complete the on-site scrap metal processing.*
- *Dubois CDW Landfill Excavation:* *The District completed the design, construction plans, and project specifications associated with the upcoming Dubois Landfill excavation.*
- *Shoshoni CDW Landfill Closure:* *The District established a closure date for the landfill, with the design, construction plans, and project specifications completed.*



## **Financials**

The Fremont County Solid Waste Disposal District operates on two revenue sources: one being a 3-mill levy on the county assessed valuation, and the second the disposal fees collected by patrons disposing of their waste. Currently, the disposal fees account for over 60% of the revenues. This demonstrates the necessity of the disposal fees in balancing the annual budget. The current disposal fees have been in place since 2009 without an increase.

One often overlooked component to solid waste operations, specifically the operation of a landfill, are the costs associated with the development of a new landfill, the cost associated with closing a landfill, and the cost associated with the minimum 30-year post-closure period of a closed landfill.

The Fremont County Solid Waste Disposal District currently has an approximate \$17 million liability associated with the closure and post-closure of the current four landfills. This calculated expense does not include the development of new landfill space (known as cells) typically costing an average of \$250,000 per acre. Since 2012, the District has been setting funds aside to account for these expenses. In the reserve account established for the closure and post-closure period, the District currently has approximately \$16 million. These reserves necessary for closure, post-closure and future development are still many millions short; however, the District continues to work at improving efficiencies, accounting for all expenses, and stretching every dollar.