

**FREMONT CO SOLID WASTE DISPOSAL DISTRICT
CHANGES TO BUDGET (PROPOSED BUDGET TO FINAL BUDGET)
FOR FISCAL YEAR 2019-2020**

CHANGE TO INCOME					
TOTAL INCOME PER PROPOSED BUDGET	\$ 5,990,225				
DECREASE IN TAX LEVY FOR REDUCTION IN ASSESSED VALUATION	(31,159)				
NET CHANGE TO INCOME	<u>(31,159)</u>				
ENDING INCOME TOTAL	\$ 5,959,066				
CHANGE TO EXPENSES					
TOTAL EXPENSES PER PROPOSED BUDGET	\$ 6,441,950				
NO CHANGES TO BUDGETED EXPENSES	-				
NET CHANGE TO EXPENSES	<u>-</u>				
ENDING EXPENSE TOTAL	\$ 6,441,950				
CHANGE TO CLOSURE - POST CLOSURE & CASH RESERVES					
BEGINNING BALANCE OF RESERVES	\$ 14,612,996				
ADDITION TO CLOSURE RESERVE PER PROPOSED BUDGET	785,279				
REDUCTION FOR ASSESSED VALUATION CHANGE	(31,159)				
ADDITION TO RESERVES FOR 2019-20 (adjusted for changes)	<u>754,120</u>				
ENDING CLOSURE - POST CLOSURE & CASH RESERVES	\$ 15,367,116				
	<table border="1" style="float: right; margin-left: 20px;"> <tr> <td align="right" colspan="2"><i>Total Adjustment</i></td> </tr> <tr> <td align="right">\$</td> <td align="right">(31,159)</td> </tr> </table>	<i>Total Adjustment</i>		\$	(31,159)
<i>Total Adjustment</i>					
\$	(31,159)				
FINAL BUDGET SUMMARY					
REVENUE FROM OPERATIONS & OTHER MISC.	\$ 3,890,225				
REVENUE FROM MILL LEVY	2,068,841				
ANTICIPATED CASH AVAILABLE (in excess of prior year reserves)	1,237,004				
EXPENSES	(6,441,950)				
ADDED TO CASH RESERVE	-				
ADDED TO CLOSURE/POST-CLOSURE RESERVE	(754,120)				
NET BUDGET	\$ -				



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

July 15, 2019 - 9:30 a.m.

1. PUBLIC HEARING – PROPOSED FISCAL YEAR 2019-2020 OPERATING BUDGET

2. PRELIMINARY ITEMS:

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

3. CONSENT ITEMS:

- a. Approval of the Minutes:
 - i. Regular June 2019 Board Meeting
- b. Approval of the Accounts Payable
 - i. June 2019 Invoices
- 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

4. BUSINESS ITEMS:

- a. Operational Layout and Future Considerations (*Discussions*)
- b. FCSWDD Safety Policy – Proposed Revision (*Discussions and Formal Action*)
- c. FCSWDD Rules and Regulations – Proposed Revisions (*Discussions and Formal Action*)
- d. Task Order Request – Burns and McDonnell (*Discussion and Formal Action*)
 - i. Task Order / Authorization No. 26 → Surveying and Staking: Not-to-Exceed \$12,000
- e. Change Order Request (time only) – Trihydro (*Discussions and Formal Action*)
 - i. Task Order 10-023 → Environmental Monitoring Services (2018-2019)

5. NEW BUSINESS

6. CALL FOR ADJOURNMENT

7. UPCOMING MEETING(S):

- a. The next Regularly Scheduled Meeting(s):
 - i. August 19, 2019, at 9:30 a.m.



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

FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT

Minutes of Regular Board Meeting

June 17, 2019

1. 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 MARK MOXLEY at 9:30am CHAIRMAN MARK 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>	Gina Clingerman, Gary Weisz, Steve Baumann, Rob Dolcater, Jennifer Lamb, Michael Adams and Mark Moxley
<u>Excused Member(s):</u>	Robert Townsend, Rick Klapproth
<u>Unexcused Member(s):</u>	N/A
<u>Commissioner Liaison:</u>	Mike Jones
<u>Community Liaisons:</u>	No liaisons were in attendance
<u>Attorney:</u>	Rick Sollars (Western Law & Assoc.)
<u>Staff:</u>	Linda Kummer (Bookkeeper)
<u>Consultant(s):</u>	No consultants were in attendance
<u>Guest(s):</u>	Joel Highsmith (Mayor of Shoshoni)

d. **Approval of Agenda**

GARY WEISZ made a motion to approve the consent agenda as presented. VICE-CHAIRMAN MIKE ADAMS seconded the motion. **MOTION CARRIED**

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

Discussions: (1.) Joel Highsmith (Mayor of Shoshoni) discussed with the Board his concern with the buildings located in the Town of Shoshoni owned by Tim Davis. His concern is that without some type of disposal rate break, these buildings will be allowed to remain in place and set-back the economic development progress. (2.) Commissioner Liaison Mike Jones informed the Board that he too had an opportunity to discuss this topic with Tim Davis, relaying the need to maintain equal treatment and rates to all customers. Further, being supportive of economic development within Fremont County, he has researched economic development grant opportunities, finding that these types of grants are required to go through municipalities and not private citizens.

2. CONSENT ITEMS:

a. **Approval of Prior Meeting Minutes**

- i. May 2019 Board Meeting

b. **Approval of Accounts Payable**

- i. May 2019 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

3. OTHER ITEMS OF BUSINESS:

a. Rural Transfer Station Operations – Lysite Transfer Station (*Discussions*)

CHAIRMAN MARK MOXLEY discussed the prior month adoption of the operational changes for the rural transfer stations and how best to handle the Lysite Community-Based Volunteer program. Superintendent Frey had suggested that since this community has operated their transfer station without issue for the past five years, that if the Board was supportive, they could be given the option to operate under the prior rules, or choose to adopt the new operational rules.

Discussions: (1.) Community-based volunteer programs are allowed the more favorable rate, and they should certainly be allowed the same. (2.) The difference between the rules is that the old rules set the disposal rates based on how the waste was hauled and the new rules have the disposal rates based on volumes. (3.) No significant impact to the community regardless of the rules. (4.) The Board will ask District staff to have a conversation with the Lysite primary contact to determine the community's interest.

b. Scrap Metal Processing and Recycling Agreement (*Discussions and Formal Action*)

CHAIRMAN MARK MOXLEY summarized the allowance within the current contract with Federal Auto Recycling that was awarded in 2017, that allows for up to two, one-year renewal opportunities by the contractor if the District is supportive of the renewal. The contract was renewed for the first time in 2018 and is up for renewal again now in 2019. This renewal is recommended for approval by the superintendent.

ROB DOLCATER made a motion to renew the Scrap Metal Processing and Recycling Agreement with Federal Auto Recycling for the second one-year term. GARY WEISZ seconded the motion. **MOTION CARRIED**

c. Task Order Requests:

i. SLB, Inc. – Not-to-Exceed \$30,000

CHAIRMAN MARK MOXLEY presented to the Board the SLB, Inc. task order request, indicating that the task order has the same rates and not-to-exceed value as the prior year. He went on to say that Susan Brodie has provided wonderful services during her time working with the District. This task order is recommended by the superintendent.

VICE-CHAIRMAN MIKE ADAMS made a motion to approve the SLB, Inc. task order as presented. GARY WEISZ seconded the motion. **MOTION CARRIED**

ii. Trihydro

1. Task Order 10-026 → Environmental Monitoring Services: Not-to-Exceed \$84,065

2. Task Order 10-025 → Technical Assistance: Not-to-Exceed \$22,600

CHAIRMAN MARK MOXLEY presented to the Board the Trihydro task order requests, indicating that the not-to-exceed values are slightly higher than the prior year. These task orders are recommended for approval by the superintendent.

GINA CLINGERMAN made a motion to approve the Trihydro task order 10-026 as presented. ROB DOLCATER seconded the motion. **MOTION CARRIED**

GINA CLINGERMAN made a motion to approve the Trihydro task order 10-025 as presented. ROB DOLCATER seconded the motion. **MOTION CARRIED**

iii. **Burns and McDonnell**

1. **Agreement for Environmental Services and Remediation (Master Agreement)**

CHAIRMAN MARK MOXLEY presented the Master Service Agreement for Burns and McDonnell.

STEVE BAUMANN made a motion to approve the Master Service Agreement with Burns and McDonnell as presented. ROB DOLCATER seconded the motion. **MOTION CARRIED**

2. **Task Order / Authorization No. 21 → Capacity Audits: Not-to-Exceed \$36,000**

CHAIRMAN MARK MOXLEY presented the Task Order/Authorization No. 21 with Burns and McDonnell.

STEVE BAUMANN made a motion to approve Task Order/Authorization No. 21 with Burns and McDonnell as presented. ROB DOLCATER seconded the motion. **MOTION CARRIED**

3. **Task Order / Authorization No. 22 → Technical Assistance: Not-to-Exceed \$20,000**

CHAIRMAN MARK MOXLEY presented the Task Order/Authorization No. 22 with Burns and McDonnell.

ROB DOLCATER made a motion to approve Task Order/Authorization No. 22 with Burns and McDonnell as presented. GINA CLINGERMAN seconded the motion. **MOTION CARRIED**

4. **Task Order / Authorization No. 23 → CIP Model Review and Update: Not-to-Exceed \$17,000**

CHAIRMAN MARK MOXLEY presented the Task Order/Authorization No. 23 with Burns and McDonnell. This provides a planning tool used in forecasting, not a broad-based budgetary approval mechanism.

ROB DOLCATER made a motion to approve Task Order/Authorization No. 23 with Burns and McDonnell as presented. JEN LAMB seconded the motion. **MOTION CARRIED**

5. **Task Order / Authorization No. 24 → Concrete Wash Pad: Not-to-Exceed \$6,700**

CHAIRMAN MARK MOXLEY presented the Task Order/Authorization No. 24 with Burns and McDonnell.

VICE-CHAIRMAN MIKE ADAMS made a motion to approve Task Order/Authorization No. 24 with Burns and McDonnell as presented. GINA CLINGERMAN seconded the motion. **MOTION CARRIED**

6. **Task Order / Authorization No. 25 → Dubois Landfill Excavation Plans: Not-to-Exceed \$15,000**

CHAIRMAN MARK MOXLEY presented the Task Order/Authorization No. 25 with Burns and McDonnell.

ROB DOLCATER made a motion to approve Task Order/Authorization No. 25 with Burns and McDonnell as presented. GINA CLINGERMAN seconded the motion. **MOTION CARRIED**

7. **Task Order / Authorization No. 26 → Surveying and Staking: Not-to-Exceed \$12,000**

CHAIRMAN MARK MOXLEY presented the Task Order/Authorization No. 26 with Burns and McDonnell. The local engineering firm WH Smith will be completing the work; however, Burns and McDonnell will be coordinating the drawings and maintaining documents.

STEVE BAUMANN made a motion to table the discussions to allow additional investigation into contracting directly with a local firm to avoid additional costs. ROB DOLCATER seconded the motion. **MOTION CARRIED**

Discussions: (1.) Potential consideration of hiring an engineering technician to assist with a portion of the engineering work and even surveying work. (2.) Software and hardware costs associated with surveying data compilation can be expensive. (3.) The CIP Model should help develop both a Capital Improvement Plan along with the Closure and Post-Closure Plan. (4.) Operational considerations and potential changes need to be communicated by all parties/groups to allow for appropriate planning. (5.) Development of a master plan, a living document, is essential to appropriate planning. (6.) Savings may exist with working directly with the local surveyors instead of allowing mark-up for work.

4. NEW BUSINESS:

→ CHAIRMAN MARK MOXLEY reminded all Board members to submit any expense and mileage reimbursement requests for the current fiscal year prior to the end of the fiscal year.

→ CHAIRMAN MARK MOXLEY informed the Board that with the timeframe of the next regularly scheduled meeting date being early in the month and it being the end of the fiscal year, that the financial reporting documents from the Board packet be allowed to be provided in hard copy at the next meeting and not included in the electronic Board meeting packets.

Discussions: (1.) Potentially delay the next meeting date to allow for the financials to be developed.

→ GINA CLINGERMAN reminded the Board that the annual Household Hazardous Waste Cleanup event is coming up on June 22.

5. CALL FOR ADJOURNMENT

GARY WEISZ made a motion to adjourn at 10:36am. ROB DOLCATER seconded the motion. **MOTION CARRIED**

6. UPCOMING MEETING(S):

a. The Next Regularly Scheduled Meeting:

- i. July 15, 2019, at 9:30am.

Respectfully submitted by,

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

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



**TRIHYDRO CORPORATION – FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT
NON-EXCLUSIVE SERVICE AGREEMENT
TASK CHANGE ORDER**

Task Order No.: 10-023

Date: July 8, 2019

Job No.: 09Y-008-004

Location of Project: Fremont County, Wyoming

Contract: Non-Exclusive Service Agreement between Trihydro Corporation and Fremont County Solid Waste Disposal District, dated July 22, 2010.

Original Specification: Trihydro will perform environmental monitoring activities at the Sand Draw, Shoshoni, Lander, and Dubois Landfills per the environmental monitoring plans for each facility. Trihydro will also perform semiannual and annual reporting, and up to \$5,000 of renewal application support, for the Title V operating permit for the Sand Draw Landfill. Work will be performed in the District's Fiscal Year 2018-2019.

Change Order No. 1: Extend the completion date to August 31, 2019.

Estimated additional cost (if any): None

Facsimile/email signatures will be accepted to execute this Task Change Order.

**FREMONT COUNTY SOLID WASTE
DISPOSAL DISTRICT**

TRIHYDRO CORPORATION

BY: _____

BY:  _____

Jack Bedessem, P.E.

TITLE: _____

TITLE: President and CEO

Memorandum



Date: July 8, 2019
To: Andy Frey, PE, Fremont County Solid Waste Disposal District
From: Matt Evans, PE
Subject: Progress Report – July 2019

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

Capacity Audits

Surveying field work for the 2019 capacity audits are beginning this week. Once the surveys have been completed and the surveying data is processed, Burns & McDonnell staff will evaluate the amount of fill completed at the landfills over the past year and discuss with the Superintendent. The final capacity audit reports will be prepared and submitted to the District in September or October 2019.

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.

Capital Improvement Plan Modeling

The CIP and budget model updates were completed in May 2019. Next year's model updates will be completed in the spring of next year. However, throughout the course of the year, the Superintendent and Burns & McDonnell may review the model for planning purposes as directed by the Superintendent.

Lander Landfill Concrete Wash Pad Design

Design of the concrete wash pad is scheduled to be completed in July 2019.

Dubois Landfill Cell Excavation Plan Preparation

The Superintendent and Burns & McDonnell have discussed potential options for stockpiling the soil from the cell excavation. Plan preparation will begin in July and is anticipated to be completed by September 2019.

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 952-656-3629 or maevans@burnsmcd.com at your earliest convenience.

Fremont County Solid Waste Disposal District
Superintendent Report
July 15, 2019, 2019

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 & 31,472 total tons
 - b. 2014 = \$176 & 27,562 total tons
 - c. 2015 = \$99 & 31,890 total tons
 - d. 2016 = \$103 & 29,659 total tons
 - e. 2017 = \$102 & 33,483 total tons
 - f. 2018 = \$106 & 36,352 total tons
 - g. 1st Quarter of 2019 = \$48 & 16,142 total tons (checked and confirmed – a large volume of demolition waste has been received. This waste contained a large percentage of concrete, bricks and mortar → very heavy materials).
2. The 2019 Workers' Compensation rate has been provided and is 2.53. This is down from 3.93 last year.

Staff:

1. June 2019 – 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 and the Sand Draw Landfill) has not had a single lost-time accident/incident → **4 years**, and the **Lander Area** staff (i.e. Lander Landfill, Dubois Landfill, and the rural transfer stations) had one lost-time accident early on but has now made it **3 years and 6 months!!**
2. June 5 & 6, 2019 – the **Staff appreciation lunches** were held in Riverton and Dubois with all available staff in attendance.
3. June 22-26, 2019 – the District's Accounting Manager (i.e. Camille Woody) attended a **Society for Human Resource Management (SHRM)** training conference.

Board:

1. April 2019 – The following represents the previous 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 Gina Clingerman.
 - c. Rate Committee: Bob Townsend, Steve Baumann, Gina Clingerman, and Gary Weisz.
 - d. Budget Committee: Rick Klaproth, Gary Weisz, Rob Dolcater, and Mark Moxley.
 - e. WRIR Solid Waste Negotiations Committee: Gina Clingerman, Steve Baumann, Gary Weisz, and Mark Moxley.
 - f. Rural Transfer Station Committee: Mark Moxley, Bob Townsend, Gary Weisz, and Rob Dolcater.

Inter-Government:

1. State:

- a. July 2019 – The State of Wyoming Construction Division awarded a contract specific to cleanup efforts of both asbestos containing materials and non-asbestos containing materials from the Wyoming Life Resource Center demolition work. There is up to 10,000 cubic yards of materials that will be delivered to one of the District's landfills.

2. County – **No Updates**

3. Municipalities:

- a. May 2019 – the Lander Mayor and I have been discussing the potentiality of the City working towards a city-wide curbside garbage program.
- b. July 2019 – we again worked with the City of Lander to provide a disposal option during the large-scale Lander 4th of July celebration.

Regulatory/Engineering/Legal/General Contractors

Regulatory:

1. June 2019 – The mandated updates to the District's 20-year Integrated Solid Waste Management Plan (ISWMP) have been started and will be completed in-house.

Engineering – No Updates

Legal – No Updates

General Contractors – No Updates

Sites/Operations/Equipment:

Sites:

1. July 2019 – Signs were ordered and installed to show the new schedules for the rural transfer stations. The training has been completed by both Peak Environmental and the District for the Atlantic City volunteer group and the Jeffrey City group. All signed agreements have been completed and the transition has taken place effective July 1, 2019.

Additionally, the rural transfer stations not operated by a volunteer group also transitioned into the new operational model.

The primary contact for the Lysite Transfer Station was contacted to discuss their option to remain under the previous operational model or to adopt the new operational model. It was decided to leave the operational model under the old/prior rules.

Operations – No Updates

Equipment:

1. June 2019 – The newly ordered roll-off containers have started to show up. To date (i.e. 6/10/2019) six of the nine containers have been delivered.

Miscellaneous/Upcoming Work & Events/Work in Progress:

Miscellaneous: No Updates

Upcoming Work & Events: **No Updates**

Work in Progress:

1. June 2019 – The **Aluminum and Tin Sales contract** has been signed.
2. June 2019 – The **Window Replacement contract** has been signed by both parties.

Thank you,

A handwritten signature in black ink, appearing to read 'Andrew Frey', with a long horizontal flourish extending to the right.

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

Fremont County Solid Waste Disposal District
Operational Layout and Future Considerations
Revised: June 26, 2019

The following document has been drafted for use by the Fremont County Solid Waste Disposal District (District) Board of Directors (Board) to develop a deeper understanding of the various sites operated by the District. Within this document there are site specific descriptions of the services offered, site life details, pending and probable changes that need to be considered, and future construction needs.

LANDER

1. Lander Landfill:

Waste Management

Currently, the landfill is projected to reach permitted capacity and close in late 2028 or early 2029. These dates will fluctuate annually based on waste acceptance and airspace utilization (i.e. waste density or the amount of waste we are able to compact into an area). In 2010 the landfill was redesigned during the re-permitting process by Lowham-Walsh with the intentions of designing the landfill grades (excavation depths, slopes, peak elevations) to have enough airspace (i.e. capacity) to reach late 2023. During and prior to 2010, and up until 2017, the Lander Landfill was working under an Administrative Order on Consent (AOC) from the Wyoming Department of Environmental Quality (WDEQ) that required the landfill to cease acceptance of waste in late 2023 and be closed in 2024. In 2017, the District was able to work with the WDEQ to remove the Administrative Order on Consent which will allow the landfill to be filled to the permitted capacity.

Annually, the District has capacity audits completed on all of the landfills (i.e. Lander, Sand Draw, Dubois, and Shoshoni). Within the capacity audits, the airspace utilization is calculated for the entire year prior, projections are completed using a five-year average for waste received, airspace utilization, and service area growth. Additionally, the capacity audits include an analysis of onsite soil availability and future needs, and an adjusted closure and post-closure cost estimate.

Since late 2011, there has been additional focus on better airspace management at all of the District landfills. The Lander Landfill has been able to improve the airspace density to a point where over 5 years of additional airspace have been saved, taking the projected closure date from 2023 to 2028-29. This has included increasing the volume of waste handled at the landfill by over 100% since July 1, 2014, when all of the District's waste has been directed to the site (instead of burial at the Sand Draw Landfill and the Lander Landfill separately).

Once the Lander Landfill is filled to capacity, the site is planned to transition from a landfill operation to a waste transfer operation. This process will include closing the landfill with our currently permitted Evapo-Transpiration (ET) closure design and constructing a transfer station where the waste is accepted/collected, loaded into walking floor trailers and hauled to the Sand Draw Landfill for burial.

After the Lander Landfill closes, it is assumed that the same level of waste disposal and diversion will remain the same; thus, no significant changes would be noticed by our customers using the Lander Landfill.

Landfill Water Management

Currently, the water collected from under the Lander Landfill is loaded into a District owned tanker trailer and transferred to the City of Lander's wastewater treatment facility for disposal. Annually, the generated liquids range from 350,000 gallons to 700,000 gallons, depending on the annual precipitation, runoff, stormwater management, and infiltration. Prior to loadout, the liquids are directed into a 20,000-gallon dual lined fiberglass underground storage tank. This system was designed and installed in 2018. The previous system that had been utilized to collect and load-out the liquids remains in place in a fully functional manner. The previous system that serves as a back-up includes two buried 1,500-gallon single wall poly tanks with connectivity via a PVC pipe. Additionally, there are three 1,000-gallon single wall poly tanks above ground that allow for the liquids from the two underground tanks to be pumped into if additional storage is/was needed.

A few potential options remain for long-term landfill water management. These options will be impacted by ever-changing wastewater and landfill leachate treatment regulations. With "emerging contaminants" becoming more of a concern, there will likely be higher level regulations that will drive up the cost associated with managing these liquids. The known options for long-term disposal include:

- Continue to collect the liquids into the new UST and haul them to the City of Lander wastewater treatment facility,
- Work through the easements and approvals to install a pipeline that would connect directly to the City of Lander's sanitary sewer system on the south side of the Wyoming Life Resource Center,
- Install onsite evaporation ponds, and/or
- Install an onsite treatment process.

Once the Lander Landfill reaches design capacity and has the final closure completed, the infiltration rates will significantly drop; and, as such, the volumes of collected liquids will greatly subside. Pending regulation changes, the current system may prove adequate long-term.

2. Lander Transfer Station:

Currently, the Lander Transfer Station is being utilized as a storage facility for recycling materials generated from the Lander Recycling Area prior to transfer to the Riverton Transfer Station where the materials are processed, baled and prepped for shipment to market. In 2016, baling of the Lander Recycling Area materials was stopped to avoid the monthly electrical expense which ranged from \$2,400 to \$3,000 per month. Instead, the recycling materials get loaded into empty walking floor trailers returning to the Riverton Transfer Station after delivering loads of waste to the Lander Landfill. This allows all of the District recyclables to be processed and baled at one location, enabling the same monthly electrical expense to be spread across a larger volume of recycling tonnages.

The transfer station building also serves as a storage location for stockpiling waste during inclement weather constraints (i.e. high wind events, excessive moisture and mud events, and snow storms) and cold storage for semi tractors, roll-off trucks, and front-end loaders during the cold weather months.

When the Lander landfill closes and the site transitions to a transfer facility, the transfer station building needs will require consideration. Specific services (i.e. waste management, diversion materials management, etc.), waste tonnages, traffic flow, waste loading technique, equipment storage, and staff accommodations will need to be considered when determining if the current transfer station building can be modified to accommodate the needs of the District long-term, or if another more appropriately designed building should be constructed.

The current transfer station building was designed pre-2004 and constructed in 2004 as a building to receive the municipal solid waste (MSW) from the area for processing and baling. From 2004 until 2014 the District baled all of the MSW prior to landfilling. The construction and demolition debris waste (CDW) was directed into the landfills without compaction and/or processing. This process was abandoned in 2014 to allow for in-place waste compaction of all MSW and CDW; thus, allowing the airspace utilization to grow from around 800 pounds per cubic yard up to over 1,100 pounds per cubic yard (i.e. improving the landfill operation and extending the life of the landfill).

Certain constraints exist with the current building that will need to be addressed if a building renovation is considered, including:

- Removal of the baling systems,
- Drop-wall modifications to allow top loading of walking floor trailers,
- Grading work to allow for semi-tractor and trailer traffic into/out of the bottom of the building,
- Heated and/or cold storage for equipment and materials,
- Traffic flows and safety related to:
 - o Customers delivering waste into the building with District equipment loading transfer trucks/trailers, and
 - o Residential and commercial traffic
- Building door locations,
- Stockpiling space during weather related impacts (i.e. potential wind closures, snow storm limiting transfer capabilities, etc.).

3. Lander Recycling & Waste Diversion:

The current acceptable recycling and waste diversion material list for the Lander site includes the following:

- Free Recycling Area: #2 plastic bottles, #1 plastic bottles, corrugated cardboard, mixed paper, tin, and aluminum.
- Scrap Metal Collection Area: scrap ferrous and non-ferrous metals, including propane cylinders, and white goods.
- Waste Diversion Area(s): electronic waste, motor oil, automotive antifreeze, lead acid batteries, latex paint, and yard waste (i.e. grass clippings, leaves, manure, hay, and limbs 10-inch diameter and smaller).

The management technique used in the yard waste program includes burning of all trees and branches less than 10-inch in diameter. This process is authorized through the Wyoming Department of Environmental Quality's Air Quality Division. Within their requirements the materials that are burned must include a separation of over 500-feet in distance. In order to fulfill this requirement, the District conducts all burning on Mondays, during the timeframe when there is no public allowed onsite.

In 2014, the District designed and constructed (both in-house) the existing recycling area layout that removed the manual labor component of the customers, as well as the CES and District staff.

Between 2015 and 2017, there was an in-house review combined with multiple public outreach meetings that discussed the recycling program and potential changes based on market changes and environmental impacts. In addition to the in-house work and the public outreach work, we contracted with an engineering firm to complete an environmental impact evaluation of the carbon footprint around recycling a variety of materials in Fremont County. Resulting from that process was the removal of plastics #3 through #7 from the program as well as glass recycling.

Future considerations to these programs will be dictated by markets, public input and impacts, and site layout. The markets are unpredictable and the program will adjust as markets support change. Additionally:

- A component of the waste diversion program in need of alteration once the Lander Landfill is closed is the scrap metal collection area. The scrap metal collection area is located within the waste boundary of the landfill. Once the landfill closes, this collection area will need to be relocated. It is preferable to keep this traffic, along with the other non-paid services, from crossing the scale since the scale capabilities are maxed-out at the current traffic volumes. One location that has been approved by the WDEQ through a minor permit amendment is to the north and west of the scale, where asphalt tailings are currently stockpiled.
- The yard waste management process (i.e. burning of materials less than 10-inches in diameter) is not always appealing to people. Although it is environmentally friendly and cost-effective, it could be replaced with a shredding process. This would require the purchase of equipment capable of handling these materials. This type of equipment is fairly expensive (anywhere from \$400,000 to \$800,000), requires additional staff inputs, and

includes fairly high operational and maintenance costs. The wood chips could potentially be sold to help lower the program cost, but absolutely could not cover the high expense.

4. Lander Office (District Office):

The District Office is headquartered at the Lander Landfill and has been since the construction of the current building in the early 1980's. Located in the office are the Superintendent, Lander Area Crew Chief, the Bookkeeper, the Accounting Manager, storage of all District financial and operational files, the IT mainframe, and the Board meeting room.

Having the District Office just a mile from Lander allows for efficient travel to the following:

- Daily transfer of bank deposits (to CB&T),
- Deposits of our larger mill levy allocation deposits (to US Bank),
- Daily pickup of the mail,
- Meetings with our attorney (Western Law),
- Meetings and access to two of our three engineering consultants,
- Meetings at, and access to the courthouse,
- Access to a number of the federal land management offices (i.e. Forest Service and BLM),
- Access to Wyoming Game & Fish, and
- Access to a large number of Board members who reside in the Lander area.

There has been some discussion around relocating the District Office to the Sand Draw Landfill once the Lander Landfill transitions over to a transfer facility and the primary operations are located at Sand Draw.

5. Lander Maintenance Shop:

The District currently employs one mechanic who ensures maintenance and repairs to the District's fleet of heavy equipment, heavy and light trucks, and all buildings. The maintenance department has been located at the Lander site since it was started. This has complimented the reorganization of the District's management model with the Lander Landfill serving as the primary landfill within the District since all the heavy trucks frequent the landfill, and that the majority of all heavy equipment is located at the site as well.

Once the Lander Landfill transitions over to a transfer facility, the majority of the heavy equipment will be located at the Sand Draw Landfill; further, the heavy trucks will more commonly frequent the Sand Draw Landfill location.

Future considerations will include a review of a cost-benefit analysis associated with relocating the maintenance department from the Lander Landfill to the Sand Draw Landfill, and further if relocated to the Sand Draw Landfill whether renovating the existing building at the Sand Draw Landfill would be adequate or constructing a more suitable building would better serve the District.

Riverton

1. Riverton Transfer Station:

Currently, the Riverton Transfer Station serves as the hub for all waste management in the eastern portion of the District, as well as the primary processing facility for all of the District's recycling materials, and the weigh station for all in-bound and out-bound traffic from the City of Riverton Yard Waste site.

The current transfer station building was designed pre-2004 and constructed in 2004 as a building to receive the municipal solid waste (MSW) from the area for processing and baling. From 2004 until 2014 the District baled all of the MSW prior to landfilling. The construction and demolition debris waste (CDW) was directed into the landfills without compaction and/or processing. This process was abandoned in 2014 to allow for in-place waste compaction of all MSW and CDW; thus, allowing the airspace utilization to grow from around 800 pounds per cubic yard up to over 1,100 pounds per cubic yard (i.e. improving the landfill operation and extending the life of the landfill).

Given the small amount of working space available within the building, handling the waste materials (in excess of 65 tons per day) received daily by self-haulers and commercial haulers and handling the recycling materials from the entire District requires precision planning and execution.

In addition to managing waste and recycling materials, the building also serves as cold storage for semi-tractors, roll-off trucks, front-end loaders, and pickups during the cold weather months.

Waste Management

The MSW and CDW accepted at the transfer station is unloaded by customers into the building and then loaded with a front-end loader assisted with an oversized grapple bucket into walking floor trailers parked below a retaining wall located outside of the building (approximately 200-feet to the south). This process was designed, constructed, and implemented by District staff in 2014.

Recycling Management

The District continues to utilize the waste baling system that was originally installed into the building for processing and baling all of the recycling materials collected within the District. The recycling materials are delivered to the site by District walking floor trailers and roll-off containers from the Lander and Dubois sites, processed and screened in the upper level of the building and then loaded into the delivery system for the baling system loaded on the lower level of the building. Once the bales are ejected from the baling system, they are picked up by a front-end loader and stockpiled either in one of our van trailers or along our property border fence for later loading into semi-trailers for delivery to market.

General

Future considerations for the site once the Lander Landfill closes and transitions to a transfer station facility and all waste is directed to the Sand Draw Landfill include the following:

- Option #1: Closing the facility and having the self-haulers and commercial haulers deliver their waste directly to the Sand Draw Landfill approximately 7-miles south of town. This would include relocating the Riverton Recycling site to the Sand Draw Landfill and reversing the recycling management process and directing all of the District's recycling materials to the Lander Transfer Station for processing and baling. The empty walking floor trailers leaving the Sand Draw Landfill in route to the Lander Landfill would be used to transport the recycling materials to the Lander location.

This would allow the relocation of the scale used at the site for use at the Sand Draw Landfill as a commercial badge reader scale system or an outbound traffic scale system.

- Option #2: Closing the facility to waste acceptance and only operating the facility to receive, manage, process, and bale the District's and/or the Riverton area recycling materials, requiring the self-haulers and commercial haulers to deliver their waste directly to the Sand Draw Landfill approximately 7-miles south of town.
- Option #3: Continuing to run the facility as it currently does, only transferring the CDW and MSW collected to the Sand Draw Landfill instead of the Lander Landfill.

Public communication, meetings, and discussion with the City of Riverton and all private haulers will need to take place in advance of the decision-making process. Certain commercial collection trucks utilized by commercial haulers (i.e. the City of Riverton and other privately-owned commercial haulers) may exceed the weight ratings of the rural highways while staying within them within city limits. This will also potentially increase their transport timeframes within their routes which could result in higher costs to their customers.

2. Riverton Recycling & Waste Diversion:

The current acceptable recycling and waste diversion material list for the Riverton site includes the following:

- Free Recycling Area: #2 plastic bottles, #1 plastic bottles, corrugated cardboard, mixed paper, tin, and aluminum.
- Scrap Metal Collection Area: scrap ferrous and non-ferrous metals, including propane cylinders, and white goods.
- Waste Diversion Area(s): electronic waste, motor oil, automotive antifreeze, lead acid batteries, latex paint, and yard waste (i.e. grass clippings, leaves, manure, hay, and limbs 10-inch diameter and smaller).

In 2018, the District designed and constructed (both in-house) the existing recycling area layout that removed the manual labor component of the customers, as well as the CES and District staff.

Between 2015 and 2017, there was an in-house review combined with multiple public outreach meetings that discussed the recycling program and potential changes based on market changes

and environmental impacts. In addition to the in-house work and the public outreach work, we contracted with an engineering firm to complete an environmental impact evaluation of the carbon footprint around recycling a variety of materials in Fremont County. Resulting from that process was the removal of plastics #3 through #7 from the program as well as glass recycling.

Future considerations to these programs will be dictated by markets, public input and impacts, and site layout. The markets are unpredictable and the program will adjust as markets support change.

As stated above under the Riverton Transfer Station discussions, future considerations will need to explore the option of relocating the entirety of the recycling and diversion program to the Sand Draw Landfill. This would allow better utilization of the staff, avoiding duplication of efforts.

Sand Draw Landfill

1. Sand Draw Landfill:

Waste Management

Taking into consideration the increase in waste volumes managed at the Sand Draw Landfill once the Lander Landfill closes and all of the District's waste stream is directed to the Sand Draw Landfill, the current projection for the active area (the pre-subtitle D portion) of the landfill shows it reaching design capacity in 2060. When the expansion area (undeveloped, but permitted) volume is included, the Sand Draw Landfill is projected to reach capacity in approximately 2099. These dates will fluctuate annually based on waste acceptance and airspace utilization (i.e. waste density or the amount of waste we are able to compact into an area).

Annually, the District has capacity audits completed on all of the landfills (i.e. Lander, Sand Draw, Dubois, and Shoshoni). Within the capacity audits, the airspace utilization is calculated for the entire year prior, projections are completed using a five-year average for waste received, airspace utilization, and service area growth. Additionally, the capacity audits include an analysis of onsite soil availability and future needs, and an adjusted closure and post-closure cost estimate.

In 2028-2029 when the Lander Landfill closes, it is anticipated that all of the District's waste will be directed to the Sand Draw Landfill for burial. Prior to this transition certain site modifications should be considered. Additionally, components of the District's operations will need to be reviewed for potential relocation. Some future site modifications and considerations include the following:

- Regrading and paving the entrance road from the highway.
- Relocating the scale used at the Riverton Transfer Station to the Sand Draw Landfill for use in either a commercial badge reader scale system or an outbound traffic scale system.
- Upgrading the scale building at the site to allow it to handle the increase in traffic (both private self-haulers and commercial haulers).
- Relocating from the Lander Landfill to the Sand Draw Landfill the maintenance program. This would include construction of a new building designed for equipment and heavy truck

maintenance or a significant renovation of the existing building currently used as a shop at the site.

- Relocation of the District Office to the site.
- Construction of a new building to accommodate the additional staff (i.e. bathrooms, breakroom, etc.), or a significant renovation of the existing building for this purpose.

Landfill Water Management

The current portion of the Sand Draw Landfill does not have a leachate collection system; therefore, there is no management process. When the active area closes and the expansion area is developed there will be a leachate collection system designed and constructed as part of the engineer's containment system. The current design includes the installation of a series of leachate collection ponds that will assist management through aeration and evaporation. Depending on the volumes of leachate generation, there is the potential for hauling of surplus liquids to a wastewater treatment facility or another disposal option.

2. Sand Draw Recycling & Waste Diversion:

Currently, the only recycling and waste diversion program at the Sand Draw Landfill includes collection/receipt of waste motor oil, lead acid batteries, used antifreeze, and electronic waste. All other recycling and waste diversion materials are collected/received at the Riverton Transfer Station site.

Once this site transitions into the primary District landfill, and depending on the operational changes that may take place at the Riverton site, it seems logical that a more robust and all-inclusive recycling and waste diversion program would be developed at this site. This would include a designed and constructed recycling area where all standard recycling materials would be collected and all diversion materials would be collected.

Future considerations are linked to how the Riverton Transfer Station and Recycling & Waste Diversion programs are handled. This could include:

- Standard recycling materials collection, processing and transport.
- Diversion materials collection, processing and transport.

Dubois

1. Dubois MSW Landfill:

The Dubois MSW Landfill was closed in 2012 as per the closure permit approved by the WDEQ-SHWD. This landfill is the District's first landfill that falls within the EPA required, WDEQ-SHWD implemented, 30-year post-closure period.

2. Dubois Transfer Station:

Currently, the Dubois Transfer Station receives, processes, and transfers all of the MSW and animal carcasses from the area to the Lander Landfill. Once the Lander Landfill closes, these materials will be transferred directly to the Sand Draw Landfill. The transfer process utilizes a 48-foot walking floor trailer.

3. Dubois C&D Landfill:

Currently, the landfill is projected to reach permitted capacity in 2069. These dates will fluctuate annually based on waste acceptance and airspace utilization (i.e. waste density or the amount of waste we are able to compact into an area).

The landfill cell that has been used since 2012 is nearing capacity and additional landfill space will need to be developed in the near future to ensure adequate space. Over the past year, there has been significantly more large-scale construction and demolition work in the Dubois area, promulgating this need.

4. Dubois Recycling & Waste Diversion:

The current acceptable recycling and waste diversion material list for the Dubois site includes the following:

- Free Recycling Area: #2 plastic bottles, #1 plastic bottles, corrugated cardboard, mixed paper, tin, and aluminum.
- Scrap Metal Collection Area: scrap ferrous and non-ferrous metals, including propane cylinders, and white goods.
- Waste Diversion Area(s): electronic waste, motor oil, automotive antifreeze, lead acid batteries, latex paint, and yard waste (i.e. grass clippings, leaves, manure, hay, and limbs 10-inch diameter and smaller).

In 2015, the District designed and constructed (both in-house) the existing recycling area layout that removed the manual labor component of the customers, as well as the CES and District staff.

Between 2015 and 2017, there was an in-house review combined with multiple public outreach meetings that discussed the recycling program and potential changes based on market changes and environmental impacts. In addition to the in-house work and the public outreach work, we contracted with an engineering firm to complete an environmental impact evaluation of the carbon footprint around recycling a variety of materials in Fremont County. Resulting from that process was the removal of plastics #3 through #7 from the program as well as glass recycling.

All of the standard recycling materials are collected into roll-off containers and shipped to the Riverton Transfer Station for baling with the exception of the corrugated cardboard that is processed and baled onsite with a manually operated single-ram baler. This site also utilizes burning as a management technique for all trees and branches less than 10-inches in diameter.

Future considerations to these programs will be dictated by markets, public input and impacts, and site layout. The markets are unpredictable and the program will adjust as markets support change.

Shoshoni Landfill

The Shoshoni Landfill is scheduled for closure as per the WDEQ-SHWD approved closure permit in calendar year 2020. Whether the site achieves final grades is contingent on the demolition work within the allowed timeframe. Since 2018, there has been a few very large demolition projects that have disposed of the CDW at this site, greatly reducing the volume of soils that would have been necessary to bring the landfill to final grades.

This is the only landfill within the District that does not have a scale for use in weighing customers in and out. A volumetric disposal rate has been used with a low disposal rate, encouraging the site usage.

In 2018, the District was awarded a grant through the State of Wyoming's Cease and Transfer program to assist with the closure. The grant allows for up to 50% of the closure cost with a maximum allowance of \$673,000.

Once this landfill is closed, the CDW generated in this portion of the District will be directed to either the Riverton Transfer Station or the Sand Draw Landfill.

Low-Hazard Low-Volume Transfer Stations (rural transfer stations)

The District currently manages six Low-Hazard Low-Volume transfer stations. These sites are:

- Jeffrey City
- Atlantic City
- Shoshoni
- Lysite
- Pavillion
- Missouri Valley

The service provided at these sites varies slightly based on whether the District operates the sites or if a community-based volunteer group operates the sites. These sites are intended for disposal of small quantities of MSW and CDW. At the District operated sites a recycling opportunity for standard recyclables also exists.

Of the six sites listed, as of July 1, 2019, the Lysite, Jeffrey City and Atlantic City sites are being operated by a community-based volunteer program with training and guidance provided by the District. The Shoshoni, Pavillion and Missouri Valley sites are being operated by the District.

Wind River Indian Reservation Transfer Stations

There are four transfer stations located on the Wind River Indian Reservation (WRIR). These sites are:

- Crowheart
- Fort Washakie
- Ethete
- 17-Mile (Arapahoe)

The services provided at these sites includes a disposal option MSW and CDW. There are no recycling or waste diversion opportunities at these sites.

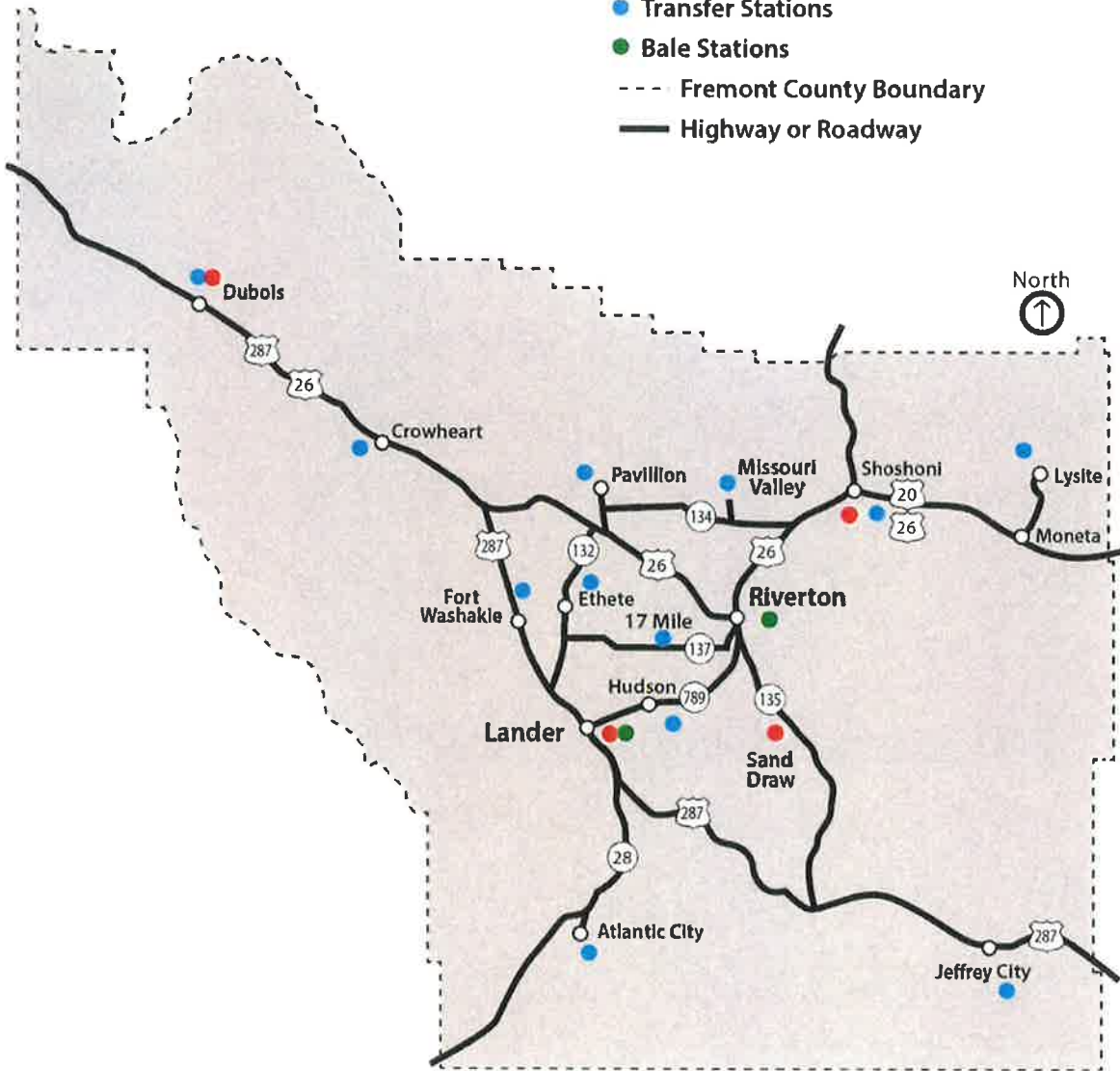
Prior to 1996, the WRIR operated the four sites and utilized the District's landfills for disposal. From 1996 until 2013 the District operated the sites under an agreement with the WRIR Joint Business Council. In 2013, the District entered into an agreement with the WRIR Joint Business Council that redirected the operations and management back to the WRIR.

Currently, the WRIR Inter-Tribal Council is operating the sites, electing to only operate three of the four locations. The three sites currently in operation are:

- Crowheart
- Fort Washakie
- Ethete

Under the current agreement, all of the waste collected/received at these sites is disposed within a District operated facility.

- Landfills
- Transfer Stations
- Bale Stations
- - - Fremont County Boundary
- Highway or Roadway



FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT
Lander, Wyoming
AUTHORIZATION NO. 26
FOR SERVICES TO
BURNS & McDONNELL ENGINEERING COMPANY, INC.
Kansas City, Missouri

In accordance with the AGREEMENT FOR ENVIRONMENTAL SERVICES AND REMEDIATION dated May 20, 2014 between Fremont County Solid Waste Disposal District (hereinafter called CLIENT) and Burns & McDonnell Engineering Company, Inc. (hereinafter called CONTRACTOR), CLIENT hereby authorizes CONTRACTOR to proceed with the following services:

1. Basic Services

CONTRACTOR shall provide surveying services in accordance with the following assumptions and lump sum prices included on the attached Surveying and Staking Fee Structure Request sheet.

Assumptions:

1. Subcontractor, William H. Smith, Inc., will complete the surveying services.
2. CONTRACTOR shall complete field work within five business days of the CLIENT's notice to proceed unless otherwise mutually agreed upon. Additionally, CONTRACTOR shall complete office/mapping work within 10 business days of completing the surveying field work unless otherwise agreed upon.
3. For staking requests, the CLIENT will provide an electronic pdf showing the desired locations of the staking. The pdf will be sent to the surveyor at the time of the notice to proceed.
4. CONTRACTOR shall provide AutoCAD files with the surface and point information included to the CLIENT as part of their surveying deliverable. CONTRACTOR shall also provide pdf files to the Superintendent presenting the surveying drawing and results. PDF drawings shall be easily printable in an 11x17 paper format.

CONTRACTOR will proceed with providing the services set forth herein as of July 1, 2019 and complete the services by June 30, 2020.

2. Additional Services

Additional Services are services or work which may be performed by CONTRACTOR for the Project, but which will be done at additional cost and are not included in the Project Budget. The following are Additional Services: **NONE**

3. Excluded Services

Excluded Services are services or work which will not be performed by CONTRACTOR unless CONTRACTOR specifically agrees to perform such services or work. Excluded Services include, but are not limited to: **NONE**

4. Compensation

CLIENT shall compensate CONTRACTOR for providing the services set forth herein in accordance with the terms or the existing Agreement. The cost initially authorized for the services is fifteen thousand dollars (\$12,000) and will be invoiced to the CLIENT on a time and materials

basis. The CONTRACTOR shall not exceed this amount without prior written approval of CLIENT.

AUTHORIZATION BY:

FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT

By _____

Date _____

ACCEPTED BY:

BURNS & MCDONNELL ENGINEERING COMPANY, INC.

By: _____

Date _____

Fremont County Solid Waste Disposal District
Surveying and Staking Fee Structure Request
April 3, 2019

The Fremont County Solid Waste Disposal District (District) requests bid pricing for the following surveying and staking services. This information will assist in managing scope and price expectations for surveying services.

Work Schedule and Timing: For all services described below, surveyor shall complete field work within five business days of the District's notice to proceed unless otherwise mutually agreed upon. Additionally, surveyor shall complete office/mapping work associated with the surveying and staking work within 10 business days following the District's notice to proceed for the survey and staking unless otherwise mutually agreed upon.

Bidding Notes:

- Bid prices shall include all labor, equipment, mileage, overhead, markup, and other expenses necessary to complete the field and office work necessary to complete these tasks
- Assume that each bid item will be completed individually (i.e. do not assume that multiple bid items will be completed on the same trip to the landfill).
- For staking requests, the District Superintendent will provide an electronic pdf showing the desired locations of the staking. The pdf will be sent to the surveyor at the time of the notice to proceed.
- Surveyor shall provide AutoCAD files with the surface and point information included to the Superintendent as part of their surveying deliverable to the District. Surveyor shall also provide pdf files to the Superintendent presenting the surveying drawing and results. PDF drawings shall be easily printable in an 11x17 paper format.

1. **Lander Landfill**

- a. Topo of the entire landfill waste boundary and airspace volumetric calculation of airspace consumption when compared against a surface developed by prior topographic survey. \$ 1,339
- b. Topo and airspace volumetric calculation of airspace consumption when compared against a surface developed by prior topographic survey:
 - Area of five acres or less, \$ 804
 - Area of greater than five acres but less than ten acres, \$ 1,018
 - Area of greater than ten acres but less than 20 acres, \$ 1,125
 - Area of greater than 20 acres but less than 30 acres, and \$ 1,125
 - Area of greater than 30 acres but less than 40 acres. \$ 1,232
- c. Surveying and guidance staking of top of waste, base of an excavation, alignment, top of final grade, or alternative requests (including a printable map with points shown and cut/fill measurements shown with the points):
 - 50 points or less, \$ 750
 - 51-75 points, \$ 1,125
 - 76-125 points, and \$ 1,660
 - 126-200 points. \$ 2,409

2. Sand Draw Landfill

- a. Topo of the entire landfill waste boundary and airspace volumetric calculation of airspace consumption when compared against a surface developed by prior topographic survey. \$ 1,446
- b. Topo and airspace volumetric calculation of airspace consumption when compared against a surface developed by prior topographic survey:
 - Area of five acres or less, \$ 911
 - Area of greater than five acres but less than ten acres, \$ 1,125
 - Area of greater than ten acres but less than 20 acres, \$ 1,232
 - Area of greater than 20 acres but less than 30 acres, and \$ 1,232
 - Area of greater than 30 acres but less than 40 acres. \$ 1,339
- c. Surveying and guidance staking of top of waste, base of an excavation, alignment, top of final grade, or alternative requests (including a printable map with points shown and cut/fill measurements shown with the points):
 - 50 points or less, \$ 858
 - 51-75 points, \$ 1,232
 - 76-125 points, and \$ 1,767
 - 126-200 points. \$ 2,516

3. Dubois Landfill

- a. Topo of the entire landfill waste boundary and airspace volumetric calculation of airspace consumption when compared against a surface developed by prior topographic survey. \$ 1,607
- b. Topo and airspace volumetric calculation of airspace consumption when compared against a surface developed by prior topographic survey:
 - Area of five acres or less, \$ 1,072
 - Area of greater than five acres but less than ten acres, \$ 1,286
 - Area of greater than ten acres but less than 20 acres, \$ 1,393
 - Area of greater than 20 acres but less than 30 acres, and \$ 1,393
 - Area of greater than 30 acres but less than 40 acres. \$ 1,500
- c. Surveying and guidance staking of top of waste, base of an excavation, alignment, top of final grade, or alternative requests (including a printable map with points shown and cut/fill measurements shown with the points):
 - 50 points or less, \$ 1,018
 - 51-75 points, \$ 1,393
 - 76-125 points, and \$ 1,928
 - 126-200 points. \$ 2,677

4. Shoshoni Landfill

- a. Topo of the entire landfill waste boundary and airspace volumetric calculation of airspace consumption when compared against a surface developed by prior topographic survey. \$ 1,553
- b. Topo and airspace volumetric calculation of airspace consumption when compared against a surface developed by prior topographic survey:
- Area of five acres or less, \$ 1,018
 - Area of greater than five acres but less than ten acres, \$ 1,232
 - Area of greater than ten acres but less than 20 acres, \$ 1,339
 - Area of greater than 20 acres but less than 30 acres, and \$ 1,339
 - Area of greater than 30 acres but less than 40 acres. \$ 1,446
- c. Surveying and guidance staking of top of waste, base of an excavation, alignment, top of final grade, or alternative requests (including a printable map with points shown and cut/fill measurements shown with the points):
- 50 points or less, \$ 965
 - 51-75 points, \$ 1,339
 - 76-125 points, and \$ 1,874
 - 126-200 points. \$ 2,623



memorandum

To: Andy Frey, P.E., Superintendent, Fremont County SWDD
From: Jeff Young, P.E.
cc: Fremont County SWDD Board
Date: July 8, 2019
Re: Project Updates for July 15, 2019 Board Meeting

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 – FY 2018-2019 Monitoring (Task Order 10-023 / Trihydro Project 09Y-008-004)

The routine Spring environmental monitoring event for the four landfills was conducted between May 29 and May 6, 2019. Groundwater and methane monitoring were completed. Initial data and/or corrected data for all facilities was not received until July 5, 2019, so data validation, statistical analysis, and related reporting are still underway for these projects. We currently anticipate having each report submitted for client review in mid-July. Trihydro is working closely with Mr. Frey regarding associated billing timelines and requirements.

During the past year, Trihydro has not received the quality service from TestAmerica that we have come to expect. Trihydro will be switching to another laboratory for future events, the possibility of which was recently discussed with Mr. Frey. Trihydro approached Pace Analytical for the proposed switch. Pace Analytical costs are equivalent to TestAmerica and the shift can be made without adjustment to the current budget. Reporting limits and related QA/QC items will also be equivalent to the services previously provided. If you have any questions or concerns about this shift, please let us know.

Attached is Task Change Order 10-023 to extend the completion date to August 31, 2019 at no additional cost, to complete reporting associated with FY 2018-2019 monitoring. If terms and conditions are acceptable, please execute the Task Change Order and return a copy to us.

Sand Draw, Shoshoni, Lander, and Dubois Landfills – FCSWDD 2019-2020 Monitoring (Task Order 10-026 / Trihydro Project 09Y-008-005)

The next field event scheduled for the facility landfills is quarterly methane monitoring, currently scheduled for the week of July 15.



Andy Frey, FCSWDD
July 8, 2019
Page 2

The Sand Draw Semiannual Monitoring Report is due to AQD on July 31st. Trihydro will initiate work towards this report as soon as May 2019 and June 2019 equipment operation and used oil furnace operation data are available.

Technical Assistance (Task Order 10-024 / Trihydro Project 09Y-005-005)

Technical assistance activities during the previous month included:

- A project status report was prepared for the monthly Board meeting.

Sand Draw Landfill – Water Balance Cover and Lifetime Operating Permit (Task Order 10-019 / Trihydro Project 09Y-001-005)

No updates to report.

Lander Landfill – Water Balance Cover and Lifetime Operating Permit (Task Order 10-020 / Trihydro Project 09Y-009-002)

No updates to report.

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

Trihydro is currently working on the final project task, which includes final internal review of a draft project manual. In a discussion with Superintendent Frey, the project manual will be finalized and submitted to the district and is included in the budget for the fiscal year 2019-2020. It is anticipated that the manual will be completed and submitted by the end of August 2019.

It is our understanding that additional waste will be placed, and once completed, another site survey will be necessary to determine how much disposal capacity remains, if any, and whether changes to the permitted design will be necessary. Potential changes are expected, and we understand that the district would like the release for bid date moved to the first quarter of 2020.

The closure will require coverage under the State's Large Construction General Permit, which is part of Wyoming's Pollution Discharge Elimination System Program (WYPDES). The current Stormwater Pollution Prevent Plan (SWPPP) was prepared in 2003 for operations, and is out-of-date and inadequate for closure. The Superintendent has directed Trihydro to proceed with preparing a new SWPPP for closure as an out-of-scope item under the current Task Order, using a portion of the unspent project budget. The SWPPP is complete and is included as an appendix to the draft project manual.



Andy Frey, FCSWDD

July 8, 2019

Page 3

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), or stop by our office at 388 Main Street, Suite C, in Lander.

Attachment:

- Task Change Order 10-023

END OF MEMORANDUM