



# 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

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trashmatters.org

## MEETING AGENDA

FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT

BOARD OF DIRECTORS – REGULAR MEETING

September 17, 2018 - 9:30 a.m.

### 1. PRELIMINARY ITEMS:

- a. Pledge of Allegiance
- b. Roll Call: Michael Adams, Michael Morgan, Steve Baumann, Gary Weisz, Michael McDonald, Rick Klaproth, Mark Moxley, Rob Dolcater, and Gina Clingerman
- c. Declaration of Quorum
- d. Approval of Agenda

### ACTION REQUIRED

- e. Public Comment / Communication from the Floor

### 2. CONSENT ITEMS:

- a. Approval of the Minutes:
  - i. Regular August 2018 Board Meeting
- b. Approval of the Accounts Payable – August 2018 Invoices
- c. Acceptance of Consultants and Agreement Reports
  - i. Trihydro Corporation
  - ii. Burns and McDonnell
  - iii. Eastern Shoshoni Tribe Solid Waste – *no report submitted*
- d. Acceptance of Staff Reports
  - i. Superintendent Report

### 3. OTHER ITEMS OF BUSINESS:

- a. Board Member Resignation Notice (*Discussions*)
- b. Trihydro – Ken Schreuder Retirement and Primary Contact Change (*Discussions*)
- c. Trihydro – Change Order Request: time only (*Discussions and Formal Action*)
- d. Lander Landfill UST Project – Change Order Request (*Discussions and Formal Action*)
- e. Lander Landfill – South Drainage Realignment Work (*Discussions*)
- f. William H Smith – Task Order Request (*Discussions*)
- g. Teton County – Animal Carcass Contingency Plan Disposal Request (*Discussions*)
- h. Shoshoni Downtown Demolition Project - MOA (*Discussions and Formal Action*)

### 4. NEW BUSINESS

### 5. CALL FOR ADJOURNMENT

### 6. TOUR OF THE LANDER LANDFILL UNDERGROUND STORAGE TANK (FOR THOSE INTERESTED)

### 7. UPCOMING MEETING(S):

- a. The next Regularly Scheduled Meeting(s):
  - i. October 15, 2018, at 9:30 a.m.
- b. The next Special Meeting(s):
  - i. October 24, 2018, at 9:30a.m. (Financial Audit Report Presentation)



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FREMONT COUNTY SOLID WASTE DISPOSAL DISTRICT

## Minutes of Regular Board Meeting

August 15, 2018

### 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 MOXLEY at 9:30am. CHAIRMAN MOXLEY then led the Pledge of Allegiance and declared a quorum of the Board with the following people in attendance:

<u>Board Members:</u>	Gary Weisz, Mark Moxley, Steve Baumann, Mike Morgan, Rick Klaproth, and Mike McDonald
<u>Excused Member(s):</u>	Michael Adams, Gina Clingerman, and Rob Dolcater
<u>Unexcused Member(s):</u>	None
<u>Commissioner Liaison:</u>	None
<u>Community Liaisons:</u>	None
<u>Attorney:</u>	Rick Sollars (Western Law & Assoc.)
<u>Staff:</u>	Andrew Frey (Superintendent) & Linda Kummer (Bookkeeper)
<u>Consultant(s):</u>	Susan Brodie (SLB, Inc.), Ernie Over (E.O. Communications)
<u>Guest(s):</u>	Robert Fay and Bill Snapp

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

MIKE MORGAN made a motion to approve the agenda as presented. ROB DOLCATER seconded the motion. **MOTION CARRIED**

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

CHAIRMAN MOXLEY opened the floor to public comment. Hearing no comment, the public hearing was closed.

### 2. CONSENT ITEMS:

#### a. **Approval of Prior Meeting Minutes**

- i. July 2018, Board Meeting

#### b. **Approval of Accounts Payable – July 2018 Invoices**

#### c. **Acceptance of Consultants Reports:**

- i. Trihydro Corporation – Progress Report
- ii. Burns and McDonnell – Progress Report
- iii. Eastern Shoshone Tribe Solid Waste – No Report Submitted

#### d. **Acceptance of Staff Reports:**

- i. Superintendent Report

### **3. OTHER ITEMS OF BUSINESS:**

#### **a. Resolution 04-2018 – Revised Language as per SLIB (*Discussions and Formal Action*)**

Superintendent Frey informed the Board that included in the Board packets was a revised Resolution 04-2018 document. Following the adoption of Resolution 04-2018 for the Shoshoni landfill grant application and subsequent submittal of the grant application SLIB asked to have the resolution revised as written. The amount allowed to be requested is limited by the cost estimate that was completed when the Cease and Transfer program was implemented back in 2014-15. It also had to allow for grant and/or loan regardless of how the application is written. Further, the Executive Committee already approved submittal to meet the tight deadlines that SLIB had, so if the resolution is approved today it must be effective August 1, 2018.

MIKE MORGAN made a motion to approve the resolution as presented, making it retroactive to August 1, 2018. GARY WEISZ seconded the motion.

#### **b. Shoshoni Firing/Shooting Range Work - Scope Change (*Discussions and Formal Action*)**

Superintendent Frey informed the Board that on August 7, 2018, Joel Highsmith, a Shoshoni Council Member and Shoshoni Firing/Shooting Range Board member, stopped into the office to discuss the potential of the District considering assisting them for four days with a dozer as they have been able to get additional equipment and staff commitments from other groups to assist with the additional earthwork that they need to complete to get the range into NRA compliance. Additionally, they intend to use the donated 32-hours of District dozer work as a portion of their "in-kind" contribution towards the grant application. They were pressed for time as they needed to have a letter of commitment from our group by August 8, 2018, to meet the grant application deadline. The Executive Committee was contacted and authorized the Superintendent to provide the Letter of Commitment. It was completed and submitted to the Town on August 7, 2018. The work will be scheduled to coincide with the Shoshoni Downtown demolition work.

#### **c. Wyoming Solid Waste and Recycling Association Annual Conference (*Discussions*)**

Superintendent Frey discussed this year's WSWRA conference with the Board. The agenda was included in their Board packets.

#### **d. Office Window Replacement (*Discussions and Formal Action*)**

Superintendent Frey discussed the bids received for window replacement for the main office.

**Discussion(s):** (1.) Additional information and appropriate specifications shall be developed to ensure the window replacement provides quality windows that will protect against UV and weather.

MIKE MORGAN made a motion to authorize the Executive Committee to work with the Superintendent to approve a window replacement. STEVE BAUMANN seconded the motion. **MOTION CARRIED**

e. **Wyoming Retirement Systems – Contribution Rate Change Discussions (*Discussions and Formal Action*)**

Superintendent Frey informed the Board that it was brought to our attention that the State of Wyoming adopted another contribution change similar to that mirrored by our group in 2013. Included in the Board packet was a document that lays-out the State's contribution rate change.

Superintendent Frey recommended adopting the change.

Discussion(s): (1.) MIKE MORGAN pointed out that the previously adopted adjustment capped the contribution at 15.12%. Further, PERS is a 12% plan, originally where the employee paid half and the employer paid half. Currently the Wyoming system is funded at 80%, which is typically considered fully funded. His opinion is that the employees are better off if the cap remains and they receive a 1.5% wage adjustment. (2.) With no commissioner liaison present the discussions around this process will not make it back to the full commission, therefore, any wage adjustment may be misrepresented and misunderstood. (3.) Following the State's plan will be the most politically acceptable approach.

MIKE MORGAN made a motion to adopt the State of Wyoming's plan as presented. STEVE BAUMANN seconded the motion. **MOTION CARRIED**

f. **Draft Security Request for Proposals Document Review (*Discussions*)**

Superintendent Frey discussed the draft request for proposal with the Board. The draft was developed following a series of meetings with local security system providers and after the Board initiated the discussions due to theft issues in the past.

Discussion(s): (1.) The draft proposal includes a significant amount of security options that may be more than necessary to ensure protected facilities. (2.) A more cost effective and balanced approach would include smaller implementation steps to determine the success of each improvement. This process could be spread over multiple years.

4. **NEW BUSINESS**

- a. Memorandum of Agreement for the Town of Shoshoni Demolition project – Attorney Sollars pointed out that some changes have already been adopted to the original MOA, yet all groups must sign the agreement before they start.
- b. Dubois Landfill Access Road – MIKE MORGAN informed the group that the county road entering the Dubois Landfill was recently re-graveled and is in very tough shape. He hoped that we could reach out to Road & Bridge and request additional grading work.

5. **CALL FOR ADJOURNMENT**

GARY WEISZ made a motion to adjourn the meeting at 10:41am. SECRETARY/TREASURER KLAPROTH seconded the motion. **MOTION CARRIED**

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

**a. The Next Regularly Scheduled Meeting:**

- i. September 17, 2018, at 9:30am.

**b. The Next Special Meeting(s):**

- i. October 24, 2018, at 9:30am (Financial Audit Report Presentation)

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 Directors Chairman  
Fremont County Solid Waste Disposal District

## Fremont County Solid Waste Disposal District

## Balance Sheet

As of August 31, 2018

	Aug 31, 18	Aug 31, 17
<b>ASSETS</b>		
Current Assets		
Checking/Savings		
122105 · Petty Cash	300.00	300.00
122106 · Transfer Station Cash	200.00	200.00
122107 · Scale House Cash	1,600.00	2,600.00
123110 · CB&T Checking	127,229.82	197,580.30
123115 · Edward Jones Investments	5,126,480.57	3,314,592.48
123120 · Bank of Jackson Hole	26,913.32	0.00
123130 · WYO STAR	7,847,293.18	7,265,758.43
123136 · Wells Fargo	0.00	179,975.40
124135 · U.S. Bank	211,449.44	462,067.65
Total Checking/Savings	13,341,466.33	11,423,074.26
Accounts Receivable	407,348.20	349,222.35
Other Current Assets	277.69	-579.25
Total Current Assets	13,749,092.22	11,771,717.36
<b>TOTAL ASSETS</b>	<b>13,749,092.22</b>	<b>11,771,717.36</b>
<b>LIABILITIES &amp; EQUITY</b>		
Liabilities		
Current Liabilities		
Accounts Payable	164,001.24	125,767.68
Other Current Liabilities	9,944.09	9,305.27
Total Current Liabilities	173,945.33	135,072.95
Total Liabilities	173,945.33	135,072.95
Equity		
380190 · Fund Balance - Undesignat...	-886,251.95	-47,746.26
380860 · Cash Reserve	750,000.00	750,000.00
380970 · Closure/Post-Closure Rese...	13,862,996.00	10,973,496.00
Net Income	-151,597.16	-39,105.33
Total Equity	13,575,146.89	11,636,644.41
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>13,749,092.22</b>	<b>11,771,717.36</b>

Fremont County Solid Waste Disposal District  
Profit & Loss - Modified Accrual  
For August 2018

(with comparative data for 2017)

	Aug 17	Aug 18	Jul-Aug 17	Jul-Aug 18	Budget	YTD = 16.67% % of Budget
<b>Ordinary Income/Expense</b>						
<b>Income</b>						
410210 · 3 Mill Levy Property Tax Revenue	12,316.94	10,157.36	12,316.94	31,025.54	1,988,456.00	1.56%
410214 · Auto Tax Revenue	0.00	0.00	-170,045.09	0.00	320,000.00	0.0%
432000 · Intergovernmental Revenue	0.00	0.00	0.00	0.00	25,000.00	0.0%
441270 · User Fees	309,386.75	319,803.51	616,675.80	600,686.51	2,500,000.00	24.03%
471250 · Interest Income	9,174.82	20,537.03	16,475.47	32,757.18	84,000.00	39.0%
480271 · Compost Sales	344.50	180.00	1,259.00	504.00	9,500.00	5.31%
480277O/S · Overage (Shortage)	0.00	-5.00	-6.40	-52.20	0.00	100.0%
480290 · Miscellaneous Revenue	0.00	25.00	35.00	75.00	4,100.00	1.83%
480290C · Recycling Revenue	17,093.70	3,155.88	28,791.65	6,630.12	100,000.00	6.63%
499272 · Sale of Surplus Vehicles	2,650.00	0.00	2,650.00	0.00	0.00	0.0%
<b>Total Income</b>	<b>350,966.71</b>	<b>353,853.78</b>	<b>508,152.37</b>	<b>671,626.15</b>	<b>5,031,056.00</b>	<b>13.35%</b>
<b>Expense</b>						
510310 · WAGES	97,596.97	87,086.42	192,168.90	175,188.32	1,208,460.00	14.5%
520000 · Payroll Tax & Benefits						
520320 · FICA	6,939.13	6,028.60	13,724.27	12,136.31	87,200.00	13.92%
520330 · WYOMING RETIREMENT	13,082.97	11,776.76	25,091.39	23,458.09	167,000.00	14.05%
520340 · HEALTH BENEFITS	24,155.44	31,011.40	46,107.65	58,332.72	470,625.00	12.4%
520350 · WORKER'S COMPENSATION	3,142.62	3,422.52	6,187.79	6,884.86	47,500.00	14.49%
520360 · UNEMPLOYMENT INSURANCE	0.00	0.00	0.00	0.00	15,000.00	0.0%
<b>Total 520000 · Payroll Tax &amp; Benefits</b>	<b>47,320.16</b>	<b>52,239.28</b>	<b>91,111.10</b>	<b>100,811.98</b>	<b>787,325.00</b>	<b>12.8%</b>
530000 · Travel, Seminars & Training						
530620 · Board Travel/Seminars	246.97	11.75	701.99	22.75	5,500.00	0.41%
530630 · Staff Travel, Seminars & Training	683.58	277.11	2,324.39	2,127.66	10,000.00	21.28%
<b>Total 530000 · Travel, Seminars &amp; Training</b>	<b>930.55</b>	<b>288.86</b>	<b>3,026.38</b>	<b>2,150.41</b>	<b>15,500.00</b>	<b>13.87%</b>
540000 · Contractual Services						
540700 · Engineering	24,629.50	7,505.22	24,629.50	9,344.71	264,500.00	3.53%
540840 · Audit/Acctg Fees	0.00	0.00	0.00	0.00	10,000.00	0.0%
540842 · Public Information	371.10	119.40	2,591.89	480.16	10,000.00	4.8%
540844 · Accountant	2,992.50	2,975.00	5,017.50	5,325.00	30,000.00	17.75%
540846 · Misc.Contract Services	0.00	0.00	0.00	0.00	10,000.00	0.0%
540850 · Attorney Fees	600.00	600.00	1,200.00	1,689.00	30,000.00	5.63%
<b>Total 540000 · Contractual Services</b>	<b>28,593.10</b>	<b>11,199.62</b>	<b>33,438.89</b>	<b>16,838.87</b>	<b>354,500.00</b>	<b>4.75%</b>
550000 · Other Admin. Expenses						
550610 · Office Expense	126.01	160.82	391.50	459.13	7,000.00	6.56%
550611 · Postage	117.99	1,188.47	117.99	1,188.47	1,500.00	79.23%
550612 · Advertising	0.00	0.00	0.00	52.00	5,000.00	1.04%
550616 · Office Equip.- Maint. & Repairs	995.13	278.43	1,375.81	343.32	10,000.00	3.43%
550635 · Bank fees	1,386.26	1,612.89	2,289.36	3,269.58	16,000.00	20.44%
<b>Total 550000 · Other Admin. Expenses</b>	<b>2,625.39</b>	<b>3,240.61</b>	<b>4,174.66</b>	<b>5,312.50</b>	<b>39,500.00</b>	<b>13.45%</b>

Fremont County Solid Waste Disposal District  
Profit & Loss - Modified Accrual  
For August 2018  
(with comparative data for 2017)

	Aug 17	Aug 18	Jul-Aug 17	Jul-Aug 18	Budget	YTD = 16.67% % of Budget
<b>620000 · Operations</b>						
<b>620420 · Operat/Maint Fuel, Lube, Filter</b>						
620421 · Fuel	15,519.92	15,731.70	23,831.62	29,309.89	230,000.00	12.74%
620420 · Operat/Maint Fuel, Lube, Filter - Other	2,956.96	3,458.67	5,638.78	4,206.90		100.0%
<b>Total 620420 · Operat/Maint Fuel, Lube, Filter</b>	<b>18,476.88</b>	<b>19,190.37</b>	<b>29,470.40</b>	<b>33,516.79</b>	<b>230,000.00</b>	<b>14.57%</b>
620430 · Equipment Repairs	5,255.86	1,978.47	15,630.73	6,871.35	301,950.00	2.28%
620470 · Tires/All sites	2,843.64	487.40	3,990.99	1,040.13	38,500.00	2.7%
620475 · Safety	1,665.56	1,486.96	3,619.77	2,699.30	45,000.00	6.0%
620495 · Tools/all sites	658.99	645.89	699.42	981.48	7,000.00	14.02%
620591 · Supplies/All Sites	645.07	1,698.48	1,294.70	2,676.09	16,000.00	16.73%
620630 · Property Leases/Equip. Rents	1,873.83	880.00	3,437.11	910.00	40,000.00	2.28%
620710 · Bale Station Repair	0.00	0.00	0.00	0.00	35,000.00	0.0%
620711 · Baler wire	0.00	0.00	0.00	0.00	9,000.00	0.0%
<b>Total 620000 · Operations</b>	<b>31,419.83</b>	<b>26,367.57</b>	<b>58,143.12</b>	<b>48,695.14</b>	<b>722,450.00</b>	<b>6.74%</b>
<b>630000 · Other Operating Expense</b>						
630521 · Site Maintenance/All Sites	2,358.18	2,805.16	2,992.57	4,097.55	96,925.00	4.23%
630690 · Transfer Stations	0.00	0.00	0.00	132.40	4,000.00	3.31%
630695 · Wind River Res. Trnsfr Stations	21,232.88	22,082.18	42,465.76	43,315.06	250,000.00	17.33%
630730 · Recycling	42,124.86	5,192.52	43,156.18	24,665.79	190,000.00	12.98%
630740 · Financial Assurance Pmt.	0.00	0.00	0.00	0.00	5,000.00	0.0%
630839 · Bad Debts	0.00	0.00	92.20	0.00	8,600.00	0.0%
630854 · Landfill Closure	0.00	0.00	0.00	0.00	0.00	0.0%
<b>Total 630000 · Other Operating Expense</b>	<b>65,715.92</b>	<b>30,079.86</b>	<b>88,706.71</b>	<b>72,210.80</b>	<b>554,525.00</b>	<b>13.02%</b>
<b>640650 · Utilities/All sites</b>						
640651 · Power	3,307.34	3,048.39	6,278.91	6,448.56		
640652 · Cell Phone	563.51	549.26	1,129.26	1,085.78		
640653 · Phones	664.71	654.57	1,262.45	1,298.90		
640654 · Water	12,730.66	3,901.98	26,434.55	8,209.89		
640655 · Internet	267.33	417.31	534.66	744.02		
640656 · Propane/Natural Gas	0.00	0.00	0.00	0.00		
640650 · Utilities/All sites - Other	156.00	162.00	156.00	162.00	195,000.00	0.08%
<b>Total 640650 · Utilities/All sites</b>	<b>17,689.55</b>	<b>8,733.51</b>	<b>35,795.83</b>	<b>17,949.15</b>	<b>195,000.00</b>	<b>9.21%</b>
650712 · Scale Houses	1,874.64	11.00	4,185.74	1,043.92	20,000.00	5.22%
<b>710000 · Insurance</b>						
710640 · Insurance Liability	0.00	562.31	0.00	562.31	8,200.00	6.86%
710645 · Insurance Property	0.00	0.00	35,507.00	24,447.99	26,000.00	94.03%
710647 · Insurance Bonds	0.00	0.00	0.00	0.00	100.00	0.0%
<b>Total 710000 · Insurance</b>	<b>0.00</b>	<b>562.31</b>	<b>35,507.00</b>	<b>25,010.30</b>	<b>34,300.00</b>	<b>72.92%</b>
850410 · Equipment Purchase	0.00	2,996.30	0.00	2,996.30	496,500.00	0.6%
850414 · Infrastructure Improvements	0.00	103,983.12	0.00	355,015.62	673,000.00	52.75%
850410 · Office Equipment	0.00	0.00	999.37	0.00	17,000.00	0.0%
850855B · SLIB Grant Sandraw Expansion	0.00	0.00	0.00	0.00	0.00	0.0%
880905 · Debt Service - Interest	0.00	0.00	0.00	0.00	0.00	0.0%
880915 · Debt Service- Principal	0.00	0.00	0.00	0.00	0.00	0.0%
<b>Total Expense</b>	<b>293,766.11</b>	<b>326,788.46</b>	<b>547,257.70</b>	<b>823,223.31</b>	<b>5,118,060.00</b>	<b>16.09%</b>
<b>Net Ordinary Income</b>	<b>57,200.60</b>	<b>27,065.32</b>	<b>-39,105.33</b>	<b>-151,597.16</b>	<b>-87,004.00</b>	<b>174.24%</b>
<b>Net Income</b>	<b>57,200.60</b>	<b>27,065.32</b>	<b>-39,105.33</b>	<b>-151,597.16</b>	<b>-87,004.00</b>	<b>174.24%</b>



## memorandum

**To:** Andy Frey, P.E., Superintendent, Fremont County SWDD  
**From:** Ken Schreuder, P.E., P.G.  
**cc:** Fremont County SWDD Board  
**Date:** September 10, 2018  
**Re:** Project Updates for September 17, 2018, 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 – FY 2018-2019 Monitoring (Task Order 10-023 / Trihydro Project 09Y-008-004)**

The fall semiannual groundwater monitoring events for the Dubois, Lander, Sand Draw, and Shoshoni Landfills are tentatively scheduled for the week of October 15, 2018.

The WDEQ/AQD determined that the Title V operating permit renewal application was complete on December 4, 2017, and provided a “permit shield.” The permit shield means that the District will not be considered to be in violation if the WDEQ/AQD doesn’t complete its technical review and issue a draft permit before the current permit expires on June 6, 2018. We are still waiting for a response from the WDEQ/AQD regarding the status of the renewal application.

### **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.
- Construction plans were developed for realignment of the southern drainage and the southeast landfill excavation.
- Meetings with the Superintendent were held regarding various projects and issues.

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

The final lifetime operating permit was issued on September 4, 2018. The project was completed approximately \$3,466 under budget.



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

The final lifetime operating permit was issued on September 4, 2018. The project was completed approximately \$6,347 under budget.

The current completion date for this project is September 30, 2018. Change Order No. 4 is attached to extend the completion date for this project and conduct additional soil sampling, analysis, and reporting for the off-site borrow area (No. 4), located adjacent to the southern side of the landfill, on federal land managed by the U.S. Army Corps of Engineer. The remaining budget is adequate to complete the additional scope of work, so no additional funding is requested.

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

Trihydro provided final copies of the approved closure permit application to the District and the WDEQ/SHWD. Once the final public notice and comment requirements have been completed, a final permit should be issued. Trihydro is also proceeding with the final project task, which includes preparation of a draft project manual.

It is our understanding that the demolition project in Shoshoni is expected to be completed this fall. Once that demolition project is completed, another site survey will be necessary to determine how much unused disposal capacity remains, and whether changes to the permitted design will be necessary. Potential changes are expected to be relatively minor, and should be able to be completed and approved in time for the project to be released for bid in the first quarter of 2019.

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.

**Additional Information**

The WDEQ/SHWD has proposed updated changes to Solid Waste Chapters 4 (Construction & Demolition Landfills) and 6 (Transfer, Treatment, Storage Facilities). Trihydro reviewed previous drafts, discussed potential implications for the District with the Superintendent, and provided comments to the WDEQ/SHWD. The current version of the proposed changes will be presented to the Water & Waste Advisory Board (W&WAB) on September 27, 2018, in Casper. Once they are approved by the WW&B, they will still need to be reviewed and approved by the Environmental Quality Council (EQC) and the Governor before they can be filed with the Secretary of State and become effective (mid-2019?).



Andy Frey, FCSWDD  
September 10, 2018  
Page 3

Please let us know if you have any questions or need additional information. You can call me on my cell phone (307-330-7737), send me an email ([kschreuder@trihydro.com](mailto:kschreuder@trihydro.com)), or stop by our office at 388 Main Street, Suite C, in Lander.

On a personal note, I wanted to let the Board know that I will be retiring on October 1, 2018. I have been working with the Superintendent and various Trihydro staff to ensure a smooth transition. Several of us will be attending this month's meeting to make introductions and answer any questions you may have. Thank you.

Attachment:

- Change Order No. 4 (Task Order 10-020, Trihydro Project 09Y-009-002)

**END OF MEMORANDUM**

# Memorandum



Date: September 10, 2018

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

From: Matt Evans, PE

Subject: Progress Report – September, 2018

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

## *Capacity Audits*

William H. Smith and Associates, Inc. completed the surveys in July. The survey data from this year will be compared to last year's survey and analyzed to determine remaining site life and airspace consumption rates. The capacity audit reports will be completed over the next two months and submitted to the Board as part of the October 2018 Board Report.

## *Technical Engineering Assistance*

Burns & McDonnell completed progress reports, invoicing and project management related to the overall administration of the project as part of this task. No other technical engineering services were provided since the last progress report was submitted.


## *Capital Improvement Plan Modeling*

The 2018 capital improvement plan and budget review were completed and presented to the Board in June 2018. The 2019 plan and budget review will begin in the spring of 2019.

## *Leachate Management System Design, Bid Administration, and Construction Support*

Construction of the underground storage tank project is substantially complete. Startup and testing of the system was completed on September 6, 2018. Attached are daily reports from the project that include photos of the work in progress.

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](mailto:maevans@burnsmcd.com) at your earliest convenience.


Job Name:	FCSWDD Loadout and UST Project				Date: 7/30/18				
Job Number:	BMcD No. 101031	Site:	Dry	x	Wet		Tundra		
Location:	FCSWDD Lander Landfill	Weather:	Clear		Cloudy		Rain		
Field Rep.	Dave Fehringer	Temp:	8 a.m.	58	2 p.m.	78	Wind	breeze	
Contractor	Craft	Brief description & Location of Work Performed							
PCI		Begin prep for concrete pad and final grading							
Inspection and Testing Performed									
For the Record - Problems / Comments / Delays / Deliveries									
Contractor Work Hours:									
Signature:									

Photos








Job Name: <b>FCSWDD Loadout and UST Project</b>		Date: 8/1/18					
Job Number: <b>BMcD No. 101031</b>		Site:	Dry	<b>x</b>	Wet		Tundra
Location: <b>FCSWDD Lander Landfill</b>		Weather:	Clear		Cloudy		Rain
Field Rep. <b>Dave Fehringer</b>		Temp:	8 a.m.	<b>68</b>	2 p.m.	<b>86</b>	Wind <b>breeze</b>
<b>Contractor</b>	<b>Craft</b>	<b>Brief description &amp; Location of Work Performed</b>					
<b>Ellis Concrete</b>		Concrete crews on site to tie rebar for concrete pour					
<b>Inspection and Testing Performed</b>							
<b>For the Record - Problems / Comments / Delays / Deliveries</b>							
Contractor Work Hours:							
<b>Signature:</b>							

Photos








Job Name: <b>FCSWDD Loadout and UST Project</b>		Date: 8/1/18					
Job Number: <b>BMcD No. 101031</b>		Site:	Dry	<b>x</b>	Wet		Tundra
Location: <b>FCSWDD Lander Landfill</b>		Weather:	Clear		Cloudy		Rain
Field Rep. <b>Dave Fehringer</b>		Temp:	8 a.m.	<b>68</b>	2 p.m.	<b>86</b>	Wind <b>breeze</b>
<b>Contractor</b>	<b>Craft</b>	<b>Brief description &amp; Location of Work Performed</b>					
<b>Ellis Concrete</b>		Place concrete for loadout pad					
<b>Inspection and Testing Performed</b>							
<b>For the Record - Problems / Comments / Delays / Deliveries</b>							
Contractor Work Hours:							
<b>Signature:</b>							

Photos






Job Name:	FCSWDD Loadout and UST Project				Date: 8/1/18				
Job Number:	BMcD No. 101031	Site:	Dry	<b>x</b>	Wet		Tundra		
Location:	FCSWDD Lander Landfill	Weather:	Clear		Cloudy		Rain		
Field Rep.	Dave Fehringer	Temp:	8 a.m.	<b>63</b>	2 p.m.	<b>84</b>	Wind		
<b>Contractor</b>	<b>Craft</b>	<b>Brief description &amp; Location of Work Performed</b>							
PCI		Misc cleanup on site							
<b>Inspection and Testing Performed</b>									
<b>For the Record - Problems / Comments / Delays / Deliveries</b>									
Contractor Work Hours:									
<b>Signature:</b>									

Photos








Job Name:	FCSWDD Loadout and UST Project				Date: 8/27/18				
Job Number:	BMcD No. 101031	Site:	Dry	<b>x</b>	Wet		Tundra		
Location:	FCSWDD Lander Landfill	Weather:	Clear		Cloudy		Rain		
Field Rep.	Dave Fehringer	Temp:	8 a.m.	<b>60</b>	2 p.m.	<b>70</b>	Wind	<b>windy</b>	
<b>Contractor</b>	<b>Craft</b>	<b>Brief description &amp; Location of Work Performed</b>							
PCI		PCI working on installing the plate and pump							
<b>Inspection and Testing Performed</b>									
<b>For the Record - Problems / Comments / Delays / Deliveries</b>									
Contractor Work Hours:									
<b>Signature:</b>									

Photos





# BURNS MCDONNELL

Job Name: <b>FCSWDD Loadout and UST Project</b>		Date: 8/27/18					
Job Number: <b>BMcD No. 101031</b>		Site:	Dry	<b>x</b>	Wet		Tundra
Location: <b>FCSWDD Lander Landfill</b>		Weather:	Clear		Cloudy		Rain
Field Rep: <b>Dave Fehringer</b>		Temp:	8 a.m.	<b>56</b>	2 p.m.	<b>83</b>	Wind <b>windy</b>
<b>Contractor</b>	<b>Craft</b>	<b>Brief description &amp; Location of Work Performed</b>					
PCI		PCI, WHS, and others on site for loadout start. Multiple electronic issues were prevalent on initial startup. The floats were wired backwards and the pump was running backwards. After the initial problems were remedied the factory settings had to be adjusted to obtain the proper flowrate.					
<b>Inspection and Testing Performed</b>							
<b>For the Record - Problems / Comments / Delays / Deliveries</b>							
Contractor Work Hours: 6							
<b>Signature:</b>							

Photos





Fremont County Solid Waste Disposal District  
**Superintendent Report**  
September 17, 2018

**Office/Staff/Board/Inter-Government**

**Office:**

1. The calculated annual tonnages and cost per ton is as follows (calculated using revenues, expenses, and tonnages):
  - a. 2013 = \$139.96 & 31,472 total tons
  - b. 2014 = \$176.43 & 27,562 total tons
  - c. 2015 = \$99.44 & 31,890 total tons
  - d. 2016 = \$103.22 & 29,659 total tons
  - e. 2017 = \$102.26 & 33,483 total tons
  - f. 2018 = \$104.23 & 15,212 total tons (first half of 2018)

**Staff:**

1. September 2018 – 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 → **3 years and two months**, 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 **2 years and 7 months!!**
2. October 2018 – The Fremont County Sheriff's Department will be providing ALICE training. The date has been set for October 29, 2018, from 8:00am until 1:00pm.

**Board:**

1. March 2018 – The following represents the current list of ***Board Committees and Members***:
  - a. Recycling Committee: Mark Moxley, Gary Weisz, Rick Klaproth, and Mike Morgan.
  - b. Health Benefit and Wage Committee: Gina Clingerman, Rick Klaproth, Gary Weisz, and Mike Adams.
  - c. Rate Committee: Gina Clingerman, Rob Dolcater, Gary Weisz, and Mike McDonald.
  - d. Budget Committee: Mark Moxley, Rob Dolcater, Gary Weisz, and Mike McDonald.
  - e. WRIR Solid Waste Negotiations Committee: Mike Morgan, Mark Moxley, Gary Weisz, and Steve Baumann.

**Inter-Government:**

1. Bureau of Land Management:
  - a. June – September 2018 – We have been working with the BLM to review our old landfill sites near Hudson and near Atlantic City to clean the sites to their standards.
2. State: *No Updates*
3. County: *No Updates*

4. Municipalities:

- a. July 2018 – At the July 2018 FCAG meeting the draft agreement between the communities (drafted by our attorney) were further reviewed and all groups intend to have their councils review them and offer comment prior to the meeting to allow for final signed document to be submitted.
- b. September 2018 – We have received signed agreements from the Town of Shoshoni, Fremont County, the Town of Dubois, the City of Lander, the Town of Hudson, and the Town of Pavillion.

**Regulatory/Engineering/Legal/General Contractors**

**Regulatory**

1. WDEQ – Solid and Hazardous Waste Division:
  - a. ***Shoshoni Landfill Closure Permit*** – We received confirmation that the second (and final) round of reviews for the closure permit application has been approved. Now, we will be working to complete the second round of public notice and submittals associated with finalizing the permit.
  - b. ***Dubois Transfer Station Permit, Landfill Permit, and MSW Landfill Permits*** – We have the final approved Operating Permit.
  - c. ***Lander Landfill Permit*** – We have the final approved Lifetime Operating Permit.
  - d. ***Sand Draw Landfill Permit*** – We have the final approved Lifetime Operating Permit.

**Engineering**

1. Burns and McDonnell:
  - a. ***Underground Storage Tank (UST) Project at the Lander Landfill***: The project is has met substantial completion and we have been using the system since September 7, 2018.

**Legal:**      *No Updates*

**General Contractors:**

1. ***Wind River Indian Reservation – Solid Waste:***
  - a. June & July 2018 – The District Negotiating Committee has been meeting with the **Wind River Inter-Tribal Council** (previously known as the Joint Council) to discuss the solid waste agreement.
  - b. September 2018 – There has not been any communication from the Tribes, but anticipate contact soon.
  - c. September 2018 – Residents of the Crowheart area have been calling to notify our group that the site has not had the waste hauled for a few months and when they call to discuss the issue with the Eastern Shoshoni Tribe they are informed that there is no solid waste program.

## Sites/Operations/Equipment:

### Sites:

1. Atlantic City – July 2018, the modified **Community Volunteer Transfer Station Guidance** Document was provided to the Atlantic City community members interested. They have not yet responded to the document.
  - a. September 2018 – We have been working with the volunteer group to find time to meet with them and discuss their concerns. We await a response from them...
2. Shoshoni Landfill – February 26, 2018, the **grant application** was submitted to the State Land and Investment Board for review and consideration. The District will likely not hear anything back from SLIB until later in 2018.
  - a. May 2018 – Following discussions with Craig McOmie (WDEQ) we have submitted a letter to WDEQ & SLIB requesting that our grant application be withdrawn from the June 2018 review and placed back into the file for the next round of reviews. This decision was made since the programs are without funding currently, yet scheduled to receive additional legislative funding later in the year.
  - b. August 2018 – SLIB reached out to us and asked that we make a few adjustments to our grant application to accommodate their requirements. One item included a minor reduction in the amount requested to align with the original closure cost reported in 2014. The other requirement was to alter the resolution language to include an option for a loan regardless of our interest.
  - c. September 2018 – Craig McOmie contacted us to provide notice that the next SLIB Board meeting is October 4, 2018, and that we should be in attendance to respond to any comments/questions. He went on to say that they are proposing a 50% match if the SLIB Board will support the approach.

### Operations:

1. August 2018 – The recycling/waste diversion tonnages from fiscal year 2017-2018 are as follows:

- Corrugated Cardboard	= 540 tons
- Mixed Paper	= 535 tons
- Plastics	= 85 tons
- Tin and Aluminum	= 0 tons (we ship every-other year)
- Scrap Metal	= 608 tons
- Yard Waste	= 3,841 tons
- Electronic Waste	= 23 tons
2. **Lander Landfill Groundwater Collection System** Hauling:
  - a. 10/29/2017 – 11/30/2017: realized savings = approximately **\$7,500.**
  - b. 12/1/2017 – 12/31/2017: realized savings = approximately **\$9,000.**
  - c. 1/1/2018 – 1/31/2018: realized savings = approximately **\$7,000.**
  - d. 2/1/2018 – 2/28/2018: realized savings = approximately **\$7,000.**
  - e. 3/1/2018 – 3/31/2018: realized savings = approximately **\$7,500.**
  - f. 4/1/2018 – 4/30/2018: realized savings = approximately **\$7,500.**

- g. 5/1/2018 – 5/31/2018: realized savings = approximately **\$7,000**.
- h. 6/1/2018 – 6/30/2018: realized savings = approximately **\$6,000**.
- i. 7/1/2018 – 7/31/2018: realized savings = approximately **\$7,500**.
- j. 8/1/2018 – 8/31/2018: realized savings = approximately **\$7,000**.

Equipment:

- 1. August 2018 – The **Riverton Baler** will have its ejector ram removed and replaced to keep the system from any extended failures. This baling system is the primary baler for all of the FCSWDD recycling materials (the Lander Baler has not been used since January 2017).

Miscellaneous/Upcoming Work & Events/Work in Progress:

Miscellaneous

- 1. WasteCon 2018 – The trip was very educational and beneficial. The primary areas of interest and focus on a national level included: (1.) marine debris – in these discussions it has become evident that the plastics industry is receiving international pressure to remove the option of single use plastics and intends to do so by 2040. The issues within the oceans remain hard to manage as the waters are international waters with no assigned responsibility. Additionally, given the small amount of time in history where plastics have been used on a commercial level, the worldwide environmental impacts are significant and the delayed response timeframe may be too far away to avoid major issues (if they are not already major). In my thinking these are not that different than the high desert areas of Fremont County and the increasing amount of litter that continues to grow on the vast BLM and Forest Service properties. (2.) The shortage of waste workers is a trend that is not limited to our operations, as major companies like Waste Connections has struggled to maintain full workforces and has even led to lawsuits as they are unable to fulfill their contractual obligations in some major cities. The summary is that there are fewer people that pursue trades and just less interest in this type of work. (3.) The recycling changes implemented within the borders of China has everyone reeling and adjusting, including a large number of cities with zero waste initiatives. Many of these cities are realizing that there are NO markets for certain materials and that they will be landfilled. Further, when the discussion of glass surfaced during these open forums, it was a consensus that glass recycling really is no longer environmentally or financially beneficial. There is support that this will result in more national recycling use, but that the industry will take time. Many are awaiting the March 2019 legislative discussions in China to see if they will fully adopt the recently applied air quality changes that led to the reduction of acceptance of recycling materials. (4.) During the discussions of rural waste management and recycling challenges I discovered that there are rural areas of West Virginian and surrounding states that actually deal with populations of 25-30% of the people unable to read; thus, their ability to transfer information becomes extremely difficult and expensive with additional staffing. (5.) Landfill leachate was discussed in technical presentations, primarily with concern of certain constituents within waters collected that are not treated within wastewater systems (i.e. pharmaceuticals, hormones, etc.) and the trend of awareness that will soon come to light.

Work in Progress:

1. March 2018 – An onsite meeting was held with a Power Systems Specialist from Wyoming Machinery to ***discuss the idea of housing an onsite generator at the Riverton Transfer Station to provide the necessary power for the baling system.***
  - a. May 2018 – ***Black Hills Energy*** confirmed availability of adequate volumes of natural gas and have offered to install a gas line at no cost to the District once approved.
  - b. July 2018 – ***Wyoming Machinery*** refined their projected operating expenses associated with running a natural gas generator as the primary power source. It was concluded under a primary source option the hourly running cost would be \$3.57 per hour, or \$31,300 per year (at 24-hour per day operation). This cost does not include the purchase price of approximately \$180,000 or the purchase of natural gas. Under this model the generator system does not make economical sense. We will be evaluating an option of utilizing a generator system during secondary demand as that charge is what significantly drives up the cost.
  - c. September 2018 – *No Updates*
2. August 2018 – the ***2017 Financial Audit*** with DM-T is being planned and the dates coordinated. They will be conducting their field work the week of September 17, 2018, and their Financial Audit Report Presentation will be October 24, 2018, at 9:30am.
3. August 2018 – Representative Lloyd Larsen reached out to us to get some assistance with the non-friable asbestos that has been encountered during the demolition process of the ***Wyoming Life Resource Center***. We have been working with the contractors and the WDEQ-SHWD to receive authorization to receive the ACM and set up a standard operating procedure to accept the waste.
  - a. September 2018 – the volumes of friable and non-friable asbestos have far exceeded the predicted volumes at the WLRC. We have been evaluating the airspace consumption (i.e. surveying volume consumption and comparing against scale data) to better understand the financial impacts. After meeting with the Executive Committee to discuss the options, it has been established that the rate for these materials will be at \$200 per ton and the materials will be directed to the Sand Draw Landfill due to the required volume of soils necessary to cover the ACM at the end of each day. The State accepted the proposal and the ACM waste has been directed there since 9/11/2018. Subsequent meetings have taken place with Representative Lloyd Larson, the multiple contractors at the WLRC, and with various representatives of the WDEQ.

Thank you,



Andrew Frey, P.E.

Superintendent of Operations

Fremont County Solid Waste Disposal District



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

Task Order No.: 10-020

Date: September 06, 2018

Job No.: 09Y-009-002

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 shall provide design and permitting services for closure permit application, including a water-balance final cover, for the Lander Landfill. Work to be performed in accordance with Task 2 – MSW Landfill Design and Delayed Closure Permit, of the Statement of Qualifications and Proposal – Lander Landfill Design and Permitting Services, dated December 2, 2014. A revised tentative project schedule is provided as Attachment A of Task Order 10-020.

Change Order No. 4: Trihydro will collect and provide laboratory analysis of approximately 30 soil samples from off-site Borrow Area No. 4 and provide a letter-style report. FCSWDD will provide a backhoe and operator for 1 day. Extend the completion date to December 31, 2018.

Estimated Additional Cost: None

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

**FREMONT COUNTY SOLID WASTE  
DISPOSAL DISTRICT**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

**TRIHYDRO CORPORATION**

BY: Deby L. Forry  
Deby L. Forry, Esq.

TITLE: Sr. Vice President of Risk Management

# CHANGE ORDER

AIA DOCUMENT G701

OWNER ☐  
ARCHITECT ☐  
CONTRACTOR ☐  
FIELD ☐  
OTHER ☐

PROJECT: Lander Landfill Loadout & UST Construction  
Fremont County Solid Waste Disposal District  
52 Beebee Rd, Lander, WY 82520  
TO CONTRACTOR: Patrick Construction, Inc.  
PO Box 926, 135 Sunflower St, Lander, WY 82520  
CHANGE ORDER NUMBER: 1  
DATE: 9/7/2018  
ARCHITECT'S PROJECT NO.: 101031  
CONTRACT DATE: 21-Mar-18  
CONTRACT FOR: General Construction

The Contract is changed as follows: A modification to the tank pump stand and mount is required to accommodate the UST pump and allow for a future pump to be installed. Cost for the modification is \$2,700.65. Additionally, the contract time has been extended by 21 days to accommodate tank and pump lead times and delivery. Original Substantial Completion Date was August 24, 2018. New Substantial Completion Date is September 14, 2018. Final Completion remains as one week after Substantial Completion (September 21, 2018).

APPROVED: MJC  
Construction Management

Not valid until signed by the Owner, Architect and Contractor.

The original Contract Sum was	\$371,000.00
Net change by previously authorized Change orders	\$0
The Contract Sum prior to this Change order was	\$371,000.00
The Contract Sum will be increased by this Change Order in the amount of	\$2,700.65
The new Contract Sum including this Change order will be	\$373,700.65

The Contract Time will be increased by **21 days**  
The date of Substantial Completion as of the date of this Change Order therefore is **14-Sep-18**

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

Burns & McDonnell

ARCHITECT  
8201 Norman Center Dr. Ste, 300  
Bloomington, MN 55437  
Address

BY Michael Cook

DATE 9-7-18

CONTRACTOR  
PO Box 926, 135 Sunflower St  
Lander, WY 82520  
Address

BY Jeff Patrick

DATE 9-7-2018

OWNER  
PO Box 1400, 52 Beebee Rd  
Lander, WY 82520  
Address

BY Andy Frey

DATE

**TASK ORDER No. 1**  
to  
**GENERAL SERVICES AGREEMENT**  
with  
**Fremont County Solid Waste Disposal District**

**PROJECT NAME:** MISCELLANEOUS ENGINEERING AND LAND SURVEYING

CLIENT requests and authorizes CONSULTANT to perform the services summarized herein. Services covered by this TASK ORDER will be performed in accordance with the PROVISIONS and conditions of the master agreement executed by **Fremont County Solid Waste Disposal District** (CLIENT) with **William H Smith and Associates, Inc.** (CONSULTANT) dated September 17<sup>th</sup>, 2018.

**SCOPE:** Provide engineering and surveying services to include the following:

Task 01 – Miscellaneous Engineering and Land Surveying

COMPENSATION by the CLIENT to William H. Smith and Associates, Inc. will be paid on a time and materials basis, based upon CONSULTANT 2018 rate sheet, not to exceed the amount of \$ 10,000 ( Ten Thousand dollars). Additional services may be performed on a time-and-materials basis or negotiated lump-sum amount as defined in future amendment to this Task Order.

Approved for CLIENT  
Fremont County Solid Waste Disposal District  
By (sign)

\_\_\_\_\_  
Mark Maxley  
Board Chairman

Date \_\_\_\_\_

Accepted for CONSULTANT  
William H. Smith and Associates, Inc.  
By

\_\_\_\_\_  
David Fehringer, P.E.&P.L.S  
Vice President

Date \_\_\_\_\_

## FEE SCHEDULE

Effective January 2018

ENGINEERING/SURVEYING	HOURLY RATE
CLERICAL	\$45
LABORER	\$45
ADMINISTRATIVE ASSISTANT	\$50
ASSISTANT/SUPPORT STAFF	\$65
CONSTRUCTION SITE REP./ INSPECTOR	\$75
MATERIALS TECH	\$75
ENGINEER TECH I	\$75
ENGINEER TECH II	\$85
PROFESSIONAL ENGINEER I	\$100
PROFESSIONAL ENGINEER II	\$110
CAD TECH I	\$75
CAD TECH II/ CAD MANAGER	\$85
CAD TECH III/DESIGN MANAGER	\$95
SURVEY TECH	\$65
LSIT/PARTY CHIEF	\$75
SENIOR PARTY CHIEF	\$85
PHOTOGRAMMETRIST/LIDAR TECH	\$90
PLS I/FIELD OPS MANAGER	\$100
PLS II/PROJECT MANAGER	\$110
*EQUIPMENT FOR SURVEY CREW	\$50

\*EQUIPPED W/VEHICLE, TOOLS AND 1 SET OF SURVEY EQUIPMENT.

MISCELLANEOUS/ SPECIALTY ITEMS	HOURLY RATE
METROTECH	\$10
DIGITAL LEVEL	\$15
TRUCK	\$10
ATV	\$12.50
UTV	\$25
BLUE SKY PIPELINE SOFTWARE	\$25
ADDITIONAL GPS UNIT	\$25
ADDITIONAL VEHICLE	\$30
TOTAL STATION	\$50
SNOW CAT	\$75
DRONE (AERIAL MAPPING)	\$300/FLIGHT
FOOD & LODGING PER DIEM	PER GSA RATES
IF LODGING IS ABOVE RATE	DISCOUNT COST + 10%
RELATED OUTSIDE SERVICE	DISCOUNT COST + 10%
RELATED SUPPLIES	DISCOUNT COST + 10%
MILEAGE	IRS ALLOWABLE

MATERIALS TESTING	RATE
TECHNICAL MANAGER	\$105/HOUR
PROJECT MANAGER	\$90/HOUR
SENIOR TECHNICIAN	\$75/HOUR
LEAD TECHNICIAN	\$60/HOUR
MATERIALS TECHNICIAN	\$55/HOUR
NUCLEAR DENSITY GAUGE	\$50/DAY
FIELD MOISTURE DENSITY TEST	\$35/TEST
SIEVE ANALYSIS 1 1/2" MINUS	\$75/TEST
COMPRESSIVE STRENGTH OF CYLINDERS	\$20/4X8 CYL. \$30/6X12 CYL.
VEHICLE	\$65/DAY

**Time over 8 hours** per day for office staff will be charged at 1.50 times the above specified rates. OT will be dispersed between the multiple jobs and/or clients worked throughout the day to keep them balanced equally.

**Field time** will be calculated from the daily point of embarkation to the point of evening return.

**Travel time** involving overnight stay, will be charged out from the daily point of embarkation to the projects location and/or to the home office.

**Associated costs** due to mandatory safety meetings or stand downs beyond WHS' control will be charged out at one half the day rate or hourly rate with Per Diem if Per Diem is involved.

**Note:** Field supplies that may be required and are not listed will be at cost plus 10%.