







June 17, 2024

Tazewell County Virginia  
108 Main Street  
Tazewell, VA 24651

**ATTN: Mr. Kenneth E. Dunford**

**SUBJ: Drilling and Installation of Groundwater Monitoring Wells  
Tazewell County Landfill  
3013 Lynn Hollow Road  
North Tazewell, VA**

Dear Mr. Dunford

In accordance with your request, M & W Drilling can provide you with the above referenced services.

Should you have any questions or need additional information, please feel free to contact us.

Sincerely,

**M & W Drilling, LLC**

A handwritten signature in black ink, appearing to read 'Firas Mishu'.

Firas Mishu  
President

FM/gs

Enclosure(s): Cost Estimate  
General Conditions

# M & W DRILLING, LLC

## COST ESTIMATE

for

**TAZEWELL COUNTY, VIRGINIA, ATTN: MR. KENNETH E. DUNFORD  
MONITORING WELL INSTALLATION (2) - TAZEWELL COUNTY LANDFILL - NORTH TAZEWELL, VA  
JUNE 17, 2024**

ITEM DESCRIPTION	ESTIMATED QUANTITY	RATE	UNIT	COST
Mobilization	1	\$4,000.00	ea	\$4,000.00
Drill Rig Set-up	2	\$1,000.00	hole	\$2,000.00
10 inch Drilling to set 6 inch casing (105' x 2)	210	\$75.00	ft	\$15,750.00
6 inch Temporary Carbon Steel Casing (105' x 2)	210	\$40.00	ft	\$8,400.00
Air Rotary Drilling to well depth (6 in.)	290	\$60.00	ft	\$17,400.00
Well Construction Materials (2 in., Schedule 80 PVC)	500	\$35.00	ft	\$17,500.00
Well Head Completion (2 ft x 2 ft x 4 in.)	2	\$300.00	ea	\$600.00
Bollards	TBD	\$200.00	ea	\$0.00
Stand-by Time <span style="float: right;">(1)</span>	TBD	\$750.00	hr	\$0.00
Borehole Abandonment (in-place)	0	\$15.00	ft	\$0.00
Per Diem/Lodging/Travel (3-man crew)	9	\$750.00	crew/day	\$6,750.00
Well Development	2	\$2,000.00	ea	\$4,000.00
Mobilize Skidsteer	1	\$750.00	ea	\$750.00
Skidsteer (rental and usage)	2	\$2,500.00	wk	\$5,000.00
Demobilization	1	\$4,000.00	ea	\$4,000.00
<b>TOTAL</b>				<b>\$86,150.00</b>

(1) Stand-by time will be realized for the following:

- Access difficulties
- Client directed delays.
- Moving drill cuttings. We have assumed that drill cuttings and water generated during drilling can be spread on ground next to hole.

**BID NOTES:**

- We assume no soil sampling is needed.
- 10 on / 4 off schedule is assumed.
- Others to provide access (roads) to and drill pads at the 2 well locations.
- Wells will be developed by blowing holes out (prior to well being installed) and also by pumping and surging (once PVC well is installed).
- We anticipate 9 days to complete installation of the 2 wells.

**Payment Terms:** Client agrees to pay MWD when client is paid. However, in no case will payment to MWD exceed 30 days from MWD's invoice date or per an executed MSA/Contract, whichever is greater.

**PROPOSAL ACCEPTED**

*(the attached General Conditions are a part of this proposal)*

\_\_\_\_\_

Company

\_\_\_\_\_

Authorized Signature

\_\_\_\_\_

Title

\_\_\_\_\_

Date

**PROPOSAL MUST BE SIGNED AND RETURNED BEFORE SCHEDULING**



## GENERAL CONDITIONS FOR CONSTRUCTION SERVICES

**Right of Entry** - The CLIENT will provide for right of entry of M & W Drilling, LLC (MWD) and all necessary equipment in order to complete the work. While MWD will take all reasonable precautions to minimize any damage to the property, it is understood by CLIENT that in the normal course of work some damage may occur, the correction of which is not part of this AGREEMENT.

**Utilities** – In the prosecution of work, MWD will take reasonable precautions to avoid damage to client identified utilities/subterranean structures known to exist. At a minimum, MWD will notify the local public utility locating service. Typically, this service requires 3-4 days to mark the utility lines in the field. Additional utility/subterranean structures locating methods can be provided and can consist of the following:

1. Hand Auger (a diameter of 4 in. and a depth of 4 ft is proposed if identified in the SOW, unless the SOW identifies a specific diameter and depth);
2. Air Knife (diameter and depth to be specified by CLIENT)
3. Private utility locating service.

Regardless of what method(s) is (are) selected, MWD will not be responsible for any damage (both personal, property and/or environmental) caused by encountering utilities/subterranean structures.

**Invoices** - MWD will submit invoices to the CLIENT monthly and a final bill upon completion of services. The payment is due upon presentation of the invoice and is past due as specified in the proposal, CLIENT agrees to pay a finance charge of one and one-half percent (1.5%) per month or the maximum rate allowed by law, whichever is less, on past due accounts.

**Disputes** - In the event that a dispute should arise relating to the performance of the services to be provided under this agreement, and should that dispute result in litigation, it is agreed that the prevailing party shall be entitled to recover all reasonable costs incurred in the defense of the claim including staff time, court costs, attorney's fees, and other claim-related expenses. The venue for all litigation will be in Knox County, Tennessee.

**Standard of Care** - Services performed by MWD under this AGREEMENT will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently working under similar conditions. No other warranty, express or implied, is made.

**Insurance** - MWD represents and warrants that it and its agents and staff employed by it are protected by worker's compensation insurance and MWD has such coverage under public liability and property damage insurance policies which MWD deems to be adequate. Certificates for all such policies of insurance shall be provided to CLIENT upon request in writing. Within the limits and conditions of such insurance, MWD agrees to indemnify and save CLIENT harmless from and against any loss, damage or liability arising from any negligent acts by MWD, its agents and staff employed by it. MWD shall not be responsible for any loss, damage or liability beyond the amounts, limits, and conditions of such insurance. MWD shall not be responsible for any loss, damage, or liability arising from any acts, or acts directed by CLIENT, its agents, staff, and other consultants employed by it.

**Purchased Supplies** – All special order materials/equipment purchased as part of the original or revised scope of work, and not used, will be paid for by CLIENT at cost. Cost includes tax and freight. If restocking is permissible, then CLIENT will accept a restocking fee of 25% of the returned materials/equipment plus return freight charges. Special order materials will be determined by MWD.

# Bedford Well Drilling & Pump Co.

701 Industrial Ave  
Bedford, VA 24523  
bedfordwell@gmail.com  
www.bedfordwelldrilling.com



## Estimate

ADDRESS  
Tazewell County  
Tazewell, Va

ESTIMATE 18804  
DATE 06/18/2024  
EXPIRATION DATE 07/02/2024

VA. CLASS A LIC #2701025236  
EMW, H/H, WWP

SITE ADDRESS  
Landfill MW's

ACTIVITY	QTY	RATE	AMOUNT
Mobilization/Demob Mobilization (Air Rotary Rig & Crew)	1	3,200.00	3,200.00
(Mob Support Mobilization Large Support	1	3,200.00	3,200.00
Mob Mobilization Small Truck x3	3	1,050.00	3,150.00
(Air) 10" 10" Dia. Air Rotary Drilling	210	46.00	9,660.00
(WW) 6-5/8" 6-5/8" .280 Heavy Wall Steel Casing Note: Heavy Wall Steel Casing Speced In Lieu Of .188 Wall Due Potential Of Needing To Drive Casing	210	47.00	9,870.00
Drive Shoe 6" drive shoe for steel casing	2	240.00	480.00
(WW) 6" Dia. 6" Dia. Air Rotary Drilling	290	30.00	8,700.00
(Air) 2" Mont 2" Monitoring Wells sch 80	500	46.00	23,000.00
(Air) Water Water Truck	8	550.00	4,400.00
(Aband) 4" X 4' X 4' X 4" Pads Constructed Over Boreholes and #4 5" steel Ballard's per well	2	2,750.00	5,500.00
(Air) Well Dev Well Development Stainless 1/8" cable & clamps	4	170.00	680.00
(Air) Well Dev Well Development	8	400.00	3,200.00
(Air) Per Diem Per Diem (2Man Crew)	5	650.00	3,250.00
(Air) Per Diem Per Diem ( 2 Man Crew)	5	650.00	3,250.00
(Air) Per Diem Per Diem (2 Man Crew)	5	650.00	3,250.00

( Air) standby Standby Time if needed for assisted moving to and from well sites	1	450.00	450.00
Casing Casing Cleaning Cutting Driving	1	450.00	450.00
(Air) Reaming Reaming Charge If Excessive Amount Of Reaming Is Needed Due To Heavily Fractured Bedrock Zones	1	450.00	450.00

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TOTAL

**\$86,140.00**

Accepted By

Accepted Date

**Bedford Well Drilling & Pump Co.**

701 Industrial Ave  
Bedford, VA 24523  
bedfordwell@gmail.com  
www.bedfordwelldrilling.com



**Estimate**

ADDRESS  
Tazewell County  
Tazewell, Va

ESTIMATE 18809  
DATE 06/19/2024  
EXPIRATION DATE 07/19/2024

SITE ADDRESS  
Tazewell County Landfill

CITY AND ZIP  
Tazewell

ACTIVITY	QTY	RATE	AMOUNT
Excavator Installation of a well water monitoring service road at the lower entrance of the landfill, Removal of approximately 6 large pine trees; installation of silk fence; grading a service road up to the future well site; grading of the future well pad approximately 30' x 30' and installation of 2" and course crusher run stone as needed.	1	28,000.00	28,000.00
Note 3 Third Party Excavation Company: Dominion Driveway & Parking Lot Paving Owner, Scott Shrader 276-979-8504	0	0.00	0.00
TOTAL			<b>\$28,000.00</b>

Accepted By

Accepted Date