


PUBLIC SERVICE COMMISSION

Abandoned Mine Lands Division

Memorandum

To: Steven Kahl, Executive Director 
From: ^{ZAB} Zanna Brinkman, ^{JWB} Joan Breiner, ^{RWE} Ross Edison
Date: December 12, 2022
Subject: Request to close Contract No. AM-863-22, 2022 Exploratory Drilling AML Project

On April 21, 2022, the Commission entered Contract No. AM-863-22 with Earth Energy & Water Systems, Inc. of New Salem, ND for exploratory drilling services in the 2022 Exploratory Drilling AML Project. This project involved rotary drilling to locate and characterize abandoned underground mine workings beneath roads and structures near the cities of Beulah, Dickinson, Garrison, Noonan and Velva, North Dakota. The original contract amount was \$904,060.00.

	Drilling (feet)	Casing (feet)	Split-Barrel Sampling and SPT Test (feet)	Coring (feet)	Final Contract Cost
Estimated	65,000	9,500	50	50	\$904,060.00
Actual	64,680	13,045	50	50	\$926,690.00

The final cost of Contract AM-863-22 was \$926,690.00, which is 102.5% of the original contract amount. Six change orders were issued to account for unforeseen site conditions, increase the quantities for casing, and extend the performance period. Ross Edison served as project manager, John Froscher and James Thornburg served as project inspectors.

All work was completed satisfactorily. Final invoices and Certification of Payment have been received. Final payment has been made. We recommend Contract AM-863-22 be closed.

AML\2022\2022 Exploratory Drilling\Contract_Invoices_Change Orders\Contract\ 2022_ExpDrill_close_cntrct_Memo_12-12-22