

# STATE OF MONTANA, NATURAL RESOURCE DAMAGE PROGRAM

### **PROGRESS REPORT TWENTY - NINE**

for the

# BUTTE SILVER-BOW GROUNDWATER RESTORATION PLAN – BIG HOLE TRANSMISSION LINE REPLACEMENT

NRDP Agreement No. 80002

**JULY - SEPTEMBER 2021** 

City and County of Butte

**Public Works Department** 

**Water Utilities Division** 

**124 West Granite Street** 

Butte, MT 59701

#### **BUTTE SILVER BOW**

## GROUNDWATER RESTORATION PLAN – BIG HOLE TRANSMISSION LINE REPLACEMENT

NATURAL RESOURCE DAMAGE PROGRAM

UCFRB RESTORATION FUND GRANT

NUMBER 800002

INTRODUCTORY LETTER AND PROGRESS REPORT

Department of Public Works Angie Mullikin, Budget Analyst Ph: 406-497-6530 E-Mail: amullikin@bsb.mt.gov

October 1, 2021

Meranda Flugge Program Specialist Natural Resource Damage Program 1301 E. Lockey P.O. Box 201425 Helena, MT 59620

#### Dear Meranda:

Installation of the Groundwater Restoration Plan section – Big Hole Transmission Line Replacement project began in 2014. A total of approximately 13,200 feet of pipe has been replaced and the remaining pipe left to install is expected to be completed in early December. Pioneer Technical Services was contracted to oversee installation of the transmission main. Completion of the entire project is scheduled to occur by December of 2021.

This report represents our twenty-nineth progress report in accordance with the Natural Resource Damage Program Agreement 800002 as well as our twenty-nineth request for payment against our grant balance. This report covers the period of July through September 2021. Enclosed you will find a progress report and cost detail as well as the progress invoice for reimbursement. If you have any questions regarding the attached information, please contact me at (406) 497-6530.

Butte-Silver Bow would like to take this opportunity to express our sincere appreciation to the State of Montana Natural Resource Damage Program for continued support of our infrastructure replacement.

Sincerely,

Angie Mullikin

Butte Silver Bow Public Works

#### ATTACHMENT D

1. **PROJECT:** BSB GW Restoration Plan - Big Hole Transmission Line

2. **CONTRACT NUMBER:** 800002

3. REPORT PERIOD: July – September 2021
4. REPORT DATE: October 1, 2021

5. **PREPARED BY:** Angie Mullikin, Butte-Silver Bow Public Works

6. ACTIVITIY SUMMARY

Installation of the remaining Big Hole Transmission Line began in December 2014. At this time, most of the work authorized under this contract has been completed. BSB's contractor has nearly completed the installation of the 3,200 feet of 36" HDPE under the I-15 corridor. The HDPE pipe has been fused and placed in the trench and backfilled. Vents and blow-offs are being completed and fittings to transition from the HDPE to ductile iron will be installed soon. Cathodic protection of the steel conduits pipes under the roads was completed in September. Butte-Silver Bow crews will commence installation of the remaining ductile iron pipe later this fall.

**Task 1:** Pioneer Technical Services, was selected in early 2018 to provide design and oversight work on the remaining sections of 36" transmission main replacement. The design has been sent to the MDEQ and has been approved.

Task 2: Northwest Pipe was selected to supply pipe through the competitive bidding process outlined in the contract. The BSB construction crew completed installation of most of the ductile iron transmission line. H&H Contracting was secured through a competitive bidding process to install the HDPE pipe through the I-15 corridor, and their work is nearing completion. Pioneer Technical has provided engineering oversite for the installation of the transmission line.

#### 7. EXPENDITURES SUMMARY:

Description	Budget	Spent this period	Spent to date	Budget remaining
Task 1 and 2	\$6,000,000.00	\$ 554,329.04	\$ 6,000,000.00	\$ 0

#### 8. MATCH MONEY SUMMARY:

Description	Amount Spent	Total NRD Share
Engineering	\$ 291,862.30	
Construction Materials	\$ 6,081,467.44	
Total	\$ 6,373,329.74	\$ 6.000,000.00

#### 9. **REQUEST FOR PROPOSEDAMENDMENTS TO GRANT AGREEMENT:** NONE

10. **NEXT QUARTER'S ACTIVITIES:** BSB anticipates re-mobilizing its pipe installation crew on the Big Hole transmission line in late October or early November. Crews will

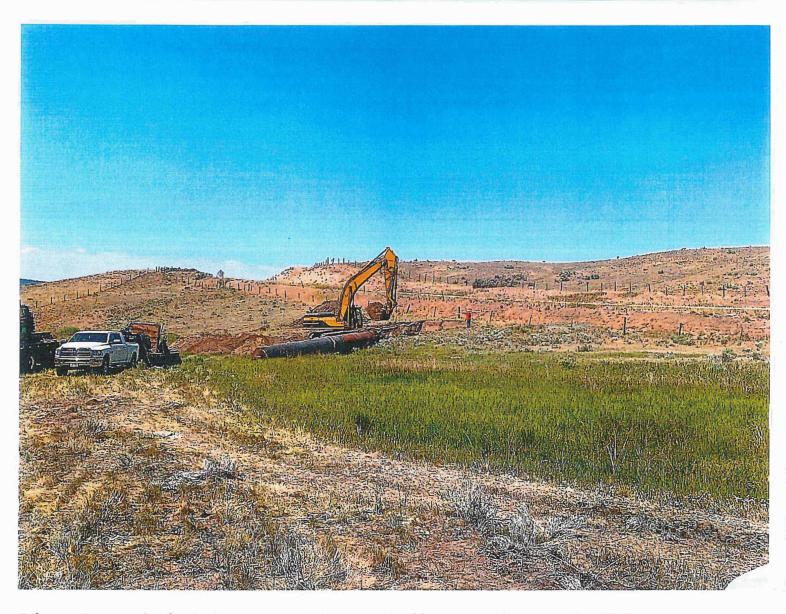
install the remaining ductile iron pipe to connect to the HDPE pipe through the I-15 corridor. Once complete, the line will be pressure tested and disinfected.





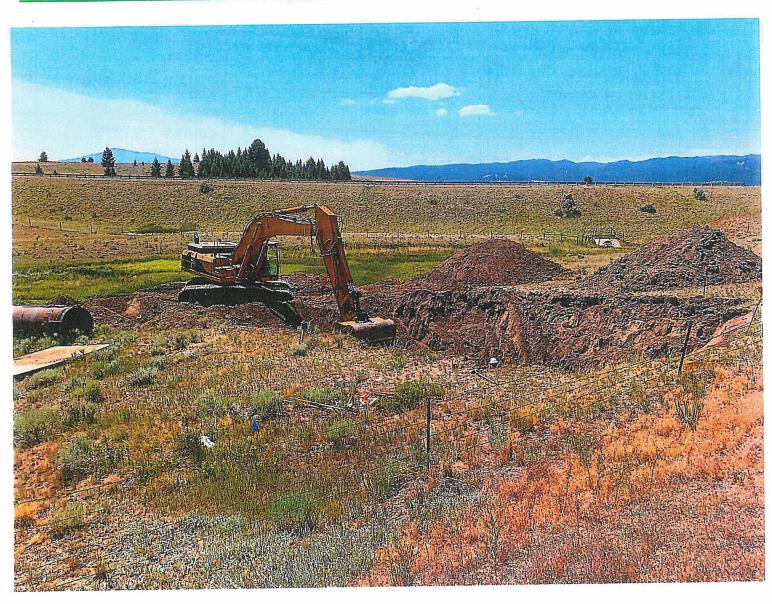
H&H contracting staging 36-inch HDPE pipe along alignment





Coleman Construction beginning to construct Frontage Road bore entry pit near station 32+35





Coleman Construction beginning to construct Frontage Road bore entry pit near station 32+35







Stage 36" HDPE pipe at Frontage Road site





Frontage Road bore entry pit



#### **PHOTOS**



48" steel casing prepared for Jack and Bore installation at station 32+35





Installation of 48" steel casing at station 32+35





Coleman Construction Jack and Bore 48" steel casing at station 32+35





Coleman Construction applies Powercrete J to welded casing at station 28+63



### **PHOTOS**



Coleman Construction excavates prepares for I-15 South Bound bore near station 0+57