

**J. E. STOVER & ASSOCIATES, INC.**

2352 NORTH 7<sup>TH</sup> STREET, UNIT B  
GRAND JUNCTION, COLORADO 81501  
PHONE: (970) 245-4101, FAX: (970) 242-7908

MINE ENGINEERING  
MINE RECLAMATION

CIVIL ENGINEERING  
CONST. MANAGEMENT

Via Electronic Transmittal

October 23, 2019

Rob Zuber  
Division of Reclamation, Mining & Safety  
1313 Sherman St., Room 215  
Denver, CO 80203

Re: Bowie Resources, LLC, Bowie No. 2 Mine  
Coal Mine Waste Banks & Instrumentation Monitoring  
Pond Quarterly Inspections  
Permit C-1996-083

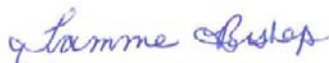
Dear Mr. Zuber:

Enclosed please find the referenced reports for the 3<sup>rd</sup> quarter of 2019, including the instrumentation and monitoring data from HBET.

This quarterly report is tardy due to HBETs server being hacked the weekend of October 12. It took them several days to restore the server and get files backed up. Once the files were backed up, HBET worked hard to catch up and get projects out.

Please call if you have any questions.

Sincerely,



Tamme Bishop, P.E.  
Project Engineer

cc: Basil Bear

## QUARTERLY POND INSPECTION REPORT

Operator:	Bowie Resources LLC	Quarter:	Third 2019
Mine:	Bowie No. 2 Mine - C-1996-083	Inspection Date:	10-Sep-19

<b>Pond Identification</b>	B	C	D - Gob Pile	F - New Gob	J UTL East	K UTL West
Type of Pond	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment

**Status During Inspection:**

Approximate Water Level	Puddle	Puddle	Puddle	Puddle	5849	Damp
Sediment (% remaining)	90%	90%	85%	80%	90%	80%
Outflow (cfs)	0	0	0	0	0	0

<b>Features</b>	Problem	Problem	Problem	Problem	Problem	Problem
	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

**Erosional**

Rills & Gulleys	No	No	No	No	No	No
Inadequate Vegetation	No	No	No	No	No	No
Outlet Channel Erosion	No	No	No	No	No	No
Burrows	No	No	No	No	No	No
Other	No	No	No	No	No	No

**Structural**

Differential Settling	No	No	No	No	No	No
Cracks or Slides	No	No	No	No	No	No
Seepage	No	No	No	No	No	No
Other	No	No	No	No	No	No

**Appurtenant Structures**

Defective Spillways	No	No	No	No	No	No
Dewatering Devices Clogged	No	No	No	No	No	No
Faulty Gates, Etc.	No	No	No	No	No	No
Other	No	No	No	No	No	No

**Additional Comments**

Design depth measured from pond bottom to invert of emergency spillway:  
 Pond B=10, C=10, D=10, J=10, K=3, F=10' TD  
 Pond Bottom Elevations B=5942, C=5990, D=5970, J=5846, F=5944, K=5819  
 Pond B was damp with a very small puddle at the east end.  
 Pond C held just a small puddle.  
 Pond D was held just a puddle.  
 Pond J held between 2-3' of water.  
 Pond K was wet with no standing water visible.  
 Pond F held a puddle and was in the process of being cleaned out.

SWMP components evaluated as part of this inspection. No corrections necessary at this time.

Name of Inspector: Tamme Bishop



Tamme Bishop  
 Colorado P.E. 43402 Date