

BOWIE RESOURCES, LLC
Bowie No. 2 Mine

2024 IMPOUNDMENT ANNUAL CERTIFICATION

In accordance with Rule 4.05.9(14), all impoundments shall be inspected at least yearly to determine if the impoundment has been maintained as designed, and in accordance with the approved plan and the applicable regulations. This yearly inspection is for the impoundments located at the Bowie No. 2 Mine.

On March 31, 2025, I performed the required annual inspection. I, Art Etter, have a wide variety of experience in the design and construction of earth fill embankments. Nothing was observed during the inspection that would indicate the ponds have a potential for failure. There was no appearance of erosion, instability, structural weakness or other hazardous conditions. There are no required monitoring procedures or instrumentation other than quarterly and yearly inspections. There are no aspects which might affect stability. None of the ponds were discharging during the inspection. This spring has had average precipitation.

Pond B had a foot of water at the time of inspection. During 2024 pond B went from being dry to holding a puddle of water. Pond B sediment capacity remains at 10% as documented in the 2023 pond certification.

Pond C had a puddle of water at the time of inspection. During 2024 pond C varied in water level from dry to a small puddle. Pond C sediment capacity remains at 10% as documented in the 2023 pond certification.

Pond D was dry at the time of inspection. During 2024 pond D varied in water level from dry to a puddle. Pond D sediment capacity will remain at 20% as documented in the 2023 pond certification.

Pond F had 2 feet of water. During 2024 pond F varied in water level from a puddle to 4 feet. Pond F has about 80% sediment capacity as documented in the 2023 pond certification.

Pond J was dry. During 2024 pond J remained dry. Pond J was cleaned out at the end of Q4 2024 and has 100% sediment storage capacity remaining.

Pond K was dry at the time of inspection and remained dry throughout the 2024 inspection cycle. There is an estimated sediment buildup of 20%.

There are no mud pits open.

The impoundments have the following estimated capacity:

IMPOUNDMENT CAPACITIES - ACRE FEET			
	Water*	Sediment*	Total
Pond B	4.10	0.55 (90% 0.62)	4.65
Pond C	3.47	0.41 (90% 0.46)	3.90
Pond D	0.48	0.08 (80% 0.10)	0.56
Pond F	3.82	0.14 (80% 0.18)	3.96
Pond J (expanded)	3.38	0.58 (100% 0.58)	3.96
Pond K	0.49	0.18 (80% 0.22)	0.67

Notes:

1. The capacity of Ponds B and C are shown on Maps 22-B and 22-C respectively.
2. The capacity of Pond D was certified by Jim Stover on 12/30/97.
3. The capacity of Pond K was certified by Jim Stover on 5/29/02.
4. The capacity of Pond J was certified by Tammerin K. Stover-Bishop on 7/20/17.
5. The capacity of Pond F was certified by Tammerin K. Stover-Bishop on 9/17/12.

**The percentage amount shown in parenthesis above indicates the percent of sediment storage currently available. The number on the outside of the parenthesis indicates the volume of sediment storage currently available. The number in the total column indicates the total water and sediment storage volume currently available. The water capacity shown above is calculated based on the water currently in the pond (i.e. if the pond is empty, the water capacity is 100% of the designed water capacity as shown on the aforementioned maps).*

To the best of my knowledge and belief, the impoundments have been maintained as designed and in accordance with the approved plan and applicable regulations. As noted above, spring maintenance is required in the form of dewatering and sediment removal.



art etter

4/1/2025

Arthur Etter Date
Colorado Professional Engineer
Registration No. 42377