

July 18, 2022

Tabetha Lynch Colorado Division of Reclamation, Mining and Safety 1313 Sherman Street, Room 215 Denver, CO 80203

Re: Hayden Gulch Terminal, Permit C-92-081, Second Quarter 2022 IIR

CDRMS:

In accordance with Rule 4.05.9(17), please find enclosed the Hayden Gulch Terminal (HGT) Impoundment Inspection Report (IIR) and Impoundment Inspection Log (IIL). Please contact me with any comments and/or questions.

Sincerely,

Miranda Kawcak Environmental Manager Peabody, Colorado Operations

Enclosure: HGT IIR

| Mining Area | Hayden Gulch Loadout | Facility C | onfiguration | Emban | kment Pond | | | | | | | | |
|----------------------------------|--|------------|--------------|---------------------------|------------|----------|------------------------------------|--|--|--|--|--|--|
| Date Inspected | 6/23/2022 | Date Las | st Inspected | 3/22/2022 | | | | | | | | | |
| Impoundment | Truck Loop Pond (001A) | Pond | Location | SE/4 SE/4 Sec.14 T6N R88W | | Quai | rterly Impoundment Inspection Form | | | | | | |
| NPDES ID No | COG-850008-001A | Site I | Location | 1.5 mi. SE of Hayden, CO | | C | | | | | | | |
| Owner's Rep | Miranda Kawcak | Ins | pector | Jason Herden | | | | | | | | | |
| • | Mark or Write in Appropriate Response: | | | | | | | | | | | | |
| | FEATURE | | | | BLEM | | COMMENTS | | | | | | |
| | | | YES (Ab | ove) NO (Below) | | | | | | | | | |
| GENERAL | | | | | | | | | | | | | |
| Water Level (above or | r below principal spillwa | ıy) | | X | | | -2.1 | | | | | | |
| Outflow (gpm) | | | | | Х | | 0 GPM | | | | | | |
| EROSION | | | | | | | | | | | | | |
| Rills & Gullies on Em | bankment | | | | Х | | | | | | | | |
| Wave Erosion | | | | | Х | | | | | | | | |
| Spillway Erosion | | | | 7 | | | | | | | | | |
| Burrows | | | | Х | | | | | | | | | |
| Other | | | | | Х | | | | | | | | |
| STRUCTURAL | | | | | | | | | | | | | |
| Differential Settling | | | | X | | | | | | | | | |
| Cracks or Slides | | | | X | | | | | | | | | |
| Seepage | | | | X | | | | | | | | | |
| Other | | | | | Х | | | | | | | | |
| STRUCTURES | | | | | | | | | | | | | |
| Principal Spillway | | | | | | | | | | | | | |
| Clogged Orifice | 101 | | | X | | | | | | | | | |
| | Clogged or Damaged Culvert | | | X | | | | | | | | | |
| | Damaged Headgate | | | | Х | | | | | | | | |
| Emergency Spillway Erosion | | | | | Х | | | | | | | | |
| <u> </u> | | | | X | | | | | | | | | |
| Riprap | | | | X X | | | | | | | | | |
| Clogged or Damaged Culvert Other | | | | X | | | | | | | | | |
| MAINTENACE | | | | | | | | | | | | | |
| Maintenance Required | 1 | | | | х | | | | | | | | |
| Maintenance Perform | | | | | X | | <u> </u> | | | | | | |
| Additional Comments | | | | | X | | | | | | | | |
| Additional Comments | 1 | | | | ^ | | | | | | | | |

Top of Sediment Storage 6395.3 ft.

Top of Riser Pipe = 6400 ft. (MSL)

Bottom of Headgate = 6397 ft.

| Date Inspected | 6/23/2022 | Date Last Inspected | | 3/22/2022 | | | | | |
|----------------------------|----------------------------|---------------------|---------------|------------------|-------------------------|-----------|---------------------------------------|--|--|
| Impoundment | Rail Loop Pond (002A) | Pond | Pond Location | | SE1/4SE1/4Sec.14T6NR88W | | Quarterly Impoundment Inspection Form | | |
| NPDES ID No | COG-850008-002A | Site | Location | 2 mi. SE of | 2 mi. SE of Hayden, CO | | v 1 | | |
| Owner's Rep | Miranda Kawcak | Ins | spector | Jason | Jason Herden | | | | |
| | | | Mark | | n Appropriat | e Respons | se: | | |
| | FEATURE | | | PROB | | | COMMENTS | | |
| | | | YES (At | bove) NO (Below) | | | | | |
| GENERAL | | | | | | | | | |
| Water Level (above or | below principal spillwa | ay) | | | Χ | | -2.9 | | |
| Outflow (gpm) | | | | Х | | | 0 GPM | | |
| EROSION | | | | | | | | | |
| Rills & Gullies on Em | bankment | | | | Х | | | | |
| Wave Erosion | | | | | Х | | | | |
| Spillway Erosion | | | | | X | | | | |
| Burrows | | | | | Χ | | | | |
| Other | | | | Х | | | | | |
| STRUCTURAL | | | | • | | | | | |
| Differential Settling | | | | | | | | | |
| Cracks or Slides | | | | | X | | | | |
| Seepage | | | | | X | | | | |
| Other | | | | | X | | | | |
| STRUCTURES | | | | | | | | | |
| Principal Spillway | | | 1 | | | | | | |
| Clogged Orifice | | | | | NA NA | | | | |
| | Clogged or Damaged Culvert | | | | | | | | |
| Damaged Headgate | | | NA NA | | | | | | |
| Emergency Spillway | | | 1 | 1 | Х | | | | |
| Erosion | | | | | | | | | |
| Riprap | | | | X | | | | | |
| Clogged or Damaged Culvert | | | NA | | | | | | |
| Other | | | | | Х | | | | |
| MAINTENACE | 1 | | ı | | ., | | | | |
| Maintenance Required | | | | X | | | | | |
| Maintenance Performe | | | | | | | | | |
| Additional Comments | | | | X | | | | | |

Invert of Spillway = 6383.6 ft. (MSL)

Mining Area

Top of Sediment Storage = 6379.5

Hayden Gulch Loadout Facility Configuration Embankment Pond

IMPOUNDMENT INSPECTION LOG

JOB DATA

JOB NAME: PEC Hydrologic Services

CLIENT: Peabody

JOB(s): 2021-095 (PSCM), 2021-096 (SCC)

| | | | | | | | | × × |
|-----------------|------------|-----------------------|---|--|-----------------------|---------------|-----------------------------|-------------------|
| OW DATA | COMPANY | MINE | DATE | WATER LEVEL (FT) | | OUTFLOW (GPM) | OBSERVATIONS | MAINTENANCE (Y/N) |
| - Es | | Sage Creek | 6-21-33 | 0.1 | 15 | 118 | some matergoing mudel flume | N |
| 002 | Sage Creek | | 6.21-27 | THE RESERVE OF THE PERSON NAMED IN | 1 | 2.8 | some animal barrows andem | N |
| 003 | Sage Creek | | 6-21-23 | | THE RESERVE NAMED IN | 3.4 | | N |
| 004 | Sage Creek | Sage Creek | 6-23-27 | | | 6.7 | | |
| Lower Sump | Sage Creek | Sage Creek | 4-27-27 | and the same of th | elmin e | 37 | | N |
| PECOCO | Sage Creek | Sage Creek | 6-73-5 | THE RESERVE OF THE PERSON NAMED IN | | | NO Flow not pumpins | |
| Portal Sump 1 | Sage Creek | Sage Creek Sage Creek | 4-23-2 | THE RESERVE AND ADDRESS. | | _ | not pumping | N |
| Portal Sump 2 | Sage Creek | | 6-23-2 | | | ~ | 745 | N |
| Spill Control 2 | Sage Creek | | 4-23-2 | STATE OF THE PARTY NAMED IN | | _ | Din | N |
| Truck Wash | Sage Cree | | 6-23-2 | Salaria Salaria | ı | 101 | | N |
| Upper Sump | Sage Cree | Hayden Gulc | Sec. St. St. | THE RESERVE AND ADDRESS OF THE PERSON NAMED IN | SECTION AND PROPERTY. | | NO FlOW | N |
| 001 | Seneca | Hayden Guld | THE STATE OF THE STATE OF | | 2.9 | U | No Flow | |
| 002 | Seneca | | est 6-20- | | 1.0 | <u> </u> | No Flow | N |
| 005 | Seneca | Seneca II W | SERVICE NUMBER OF STREET | | d | 63 | sinffon 5, sile, no impact | N |
| 009 | Seneca | Seneca II V | lest 6-20- | | ۲,٦ | _ | NO FI-W | N |
| 015 | Seneca | Seneca II V | Vest 6.20 | -22 0 | 1, | 2.1 | | N |
| 016 | Seneca | Seneca II V | | | 7.1 | 97 | | N |
| 017 | Seneca | Seneca II \ | 3 3 3 3 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A | _ | ٥, ١ | 38 | | N |
| T-1 | Seneca | Seneca II V | West 6-23 | THE RESERVE OF THE PERSON NAMED IN | ~ | _ | סוט | N |
| T-18 | Seneca | Seneca II | | | - 2.4 | - | NO Flow | N |
| T-2 | Senec | | | | - 3 | | PIS | N |
| T-20 | Senec | | West 6-23 | The second second | -3,3 | ~ | NO Flow | N |
| T-22 | Senec | | West 4.2 | | -1.6 | | NO Flow | N |
| T-24 | Sene | | West 6-23 | 3-22 | _ | | 017 | N |
| T-25 | Sene | | The second second | THE RESIDENCE OF | ~ 7,3 | | NO FLOW | N |



| SITE ID | COMPANY | MINE | DATE | WATER LEVEL (FT) | OUTFLOW (GPM) | OBSERVATIONS | MAINTENANGE (Y/N) |
|---------|---------|----------------|--|---------------------------|---------------|--|-------------------|
| r-27 | Seneca | | 6-23-23 | -3.9 | _ | No Flow No Flow Outlet Instal, Cat tails No Flow No Flow | N |
| T-3 | Seneca | Seneca II West | No. of the Party o | -3.0 | | No Flow | N |
| T-5 | Seneca | Seneca II West | The state of the s | | _ | No Flow | N |
| 010 | Seneca | | 6-20-23 | AND STATE OF THE STATE OF | 14 | outlet rusted, cat tails | Y |
| 011 | Seneca | Yoast | 6-20-22 | | | NOFICE | N |
| 011A | Seneca | Yoast | 6-1-77 | -1.7 | _ | No Flow | N |
| 012 | Seneca | Yoast | 6.20-28 | oil | 75 | | N |
| 012A | Seneca | Yoast | 4-20-27 | -1,0 | | NO Flow | N |
| 013 | Seneca | Yoast | 6-2-23 | -1.0 | ~ | NO Flow | N |
| 014 | Seneca | Yoast | 6.20-23 | -1.3 | 7 | NO Flow | N |
| ST-1 | Seneca | Yoast | 6-23-22 | -1,6 | _ | NO FIOW | N |

NOTES