



STATE OF  
COLORADO

Musick - DNR, Jason <jason.musick@state.co.us>

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## FW: PEC SCC HGT 2016 SWAR

1 message

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**Watterson, Brian** <BWatterson@peabodyenergy.com>

Tue, Feb 7, 2017 at 9:35 AM

To: "Musick - DNR, Jason <jason.musick@state.co.us> (jason.musick@state.co.us)" <jason.musick@state.co.us>

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**From:** Troy Summers [mailto:[tsummers@wwcengineering.com](mailto:tsummers@wwcengineering.com)]

**Sent:** Thursday, February 02, 2017 6:26 PM

**To:** Watterson, Brian

**Cc:** Blomquist, Miranda; Dennis Jones

**Subject:** PEC SCC HGT 2016 SWAR

Brian,

Attached is the 2016 Stormwater Annual Report for the Hayden Gulch Terminal.

Please contact me with any comments and/or questions.

Thanks,

Troy



**Troy Summers | Project Manager**

611 Skyline Road | Laramie, WY 82070

Tel. [307-742-0031](tel:307-742-0031) | Cell [307-399-5261](tel:307-399-5261)

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27K





Peabody Colorado Operations, LLC

Hayden Gulch Terminal, Inc.  
Peabody Energy  
PO Box 670  
Hayden, CO 81639  
970-276-7003

February 02, 2017

Colorado Department of Public Health and Environment  
Water Quality Control Division  
WQCD-PE-B2  
Attn. Permits Section - Stormwater Unit  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

**RE: 2016 SWAR: CDPS Permit COG-850008; Hayden Gulch Terminal**

Dear CDPHE:

Attached please find the 2016 Stormwater Annual Report for the Hayden Gulch Terminal.

Please contact me with any comments and/or questions.

Sincerely,

Brian Watterson  
Geologist

TNS/*tns*  
Enclosure: Hayden Gulch Terminal SWAR

**STORMWATER ANNUAL REPORT – METAL MINING (& COAL)**

**COLORADO DEPT. OF PUBLIC HEALTH & ENVIRONMENT**

Water Quality Control Division

WQCD-P-B2

4300 Cherry Creek Drive South

Denver, Colorado 80246-1530

Check if this is a new  
name, address, etc.

Permittee (Company Name): **Hayden Gulch Terminal, Inc.**

Facility Name: **Hayden Gulch Loadout**

Mailing Address: **Peabody Energy, PO Box 670, Hayden, CO 81639**

Facility Phone Number: **970-276-7003**

Permit Certification No. **COG-850008**

Reporting Permit: **January 1 – December 31, 2016** (Form is due by Feb.15 of the following year)

**Each section must be completed. Please print or type.**

A. A report on the facility's overall compliance with the SWMP. (Include here a summary of any measures taken to comply with your Stormwater Management Plan (SWMP), to fully implement it, changes or improvements made in any of your Best Management Practices (BMPs), employee training, spills, other problems encountered, etc. How is your plan working?)

**The Hayden Gulch Terminal SWMP identified sediment from railroad cut and fill areas as the most significant potential pollution source. The railroad cuts remain sparsely vegetated. CDRMS has noted in previous inspection reports that slump along the spur cut remains stable. The lack of any significant accumulation of silt in the ditches below the cut indicates that erosion from this area is insignificant. Hayden Gulch Terminal representatives will continue to inspect these areas for any significant erosion and correct problems as they occur. This facility is in temporary cessation, although the office area was remodeled in 2007 for occupancy by Peabody Energy employees. In 2011, the rail load out equipment was scrapped, and the area was reclaimed (topsoiled and seeded). Topsoil Pile 1 was depleted during this reclamation. Wattles were placed where needed. The Tie-Across Haul Road (aka TAHR, formerly associated with the Seneca II-W Mine, CDRMS Permit C-82-057) was transferred to the Hayden Gulch Terminal on January 4, 2012. The east office building was removed in 2013. In 2014, the west office building was removed and that area was reclaimed. Only the substation, rail loop, two sediment ponds and the haul road remain.**

Were changes made to your SWMP? ☒ No ☐ Yes – Describe changes on a separate sheet.

B. A summary of each comprehensive facility inspection made, including date, findings, and action taken. (The permit requires at least **two** comprehensive facility inspections per year – see page 12 of the permit. Include here a **summary** of those inspections, plus any other comprehensive inspections made. It is not necessary to summarize day-to-day inspections, unless significant problems were noted.)

**First Biannual 2016 Inspection(s) - 05/05/16.**

**The May 2016 Inspection noted that: HG SW001 inlet and outlet exhibit 0.1' of sediment, HG SW002 inlet exhibits a slight undercut, HG SW004 exhibits 0.1' of sediment at the inlet and the outlet exhibits 0.2' of sediment, HG SW006 inlet exhibits 0.2' of sediment, HG SW012 outlet exhibits 0.2' of sediment, HG SW018 inlet exhibits 0.1' of sediment, HG SW022 outlet exhibits 0.3' of sediment and HG SW025 inlet exhibits 0.1' of sediment. Maintenance efforts in accordance with the September 2015 Inspection had been performed at HG SW019 and HG SW025.**

**Second Biannual 2016 Inspection(s) – 08/01/16.**

**The August 2016 Inspection noted that: HG SW001 had 0.2' of sediment at the inlet and the outlet exhibits 0.2' of sediment, HG SW002 inlet exhibits a slight undercut, HG SW005 exhibits 0.2' of sediment at outlet, HG SW006 inlet exhibits 0.2' of sediment, HG SW007 inlet exhibits 0.1' of sediment, HG SW012 outlet exhibits 0.2' of sediment, HG SW013 outlet exhibits 0.1' of sediment, HG SW018 inlet exhibits 0.1' of sediment, HG SW022 outlet exhibits 0.3' of sediment, the outlet at HG SW024 was buried during railroad reclamation and HG SW025 inlet exhibits 0.2' of sediment. Maintenance efforts in accordance with the September 2015 Inspection had been performed at HG SW019 and HG SW025.**

Other Inspections – Date \_\_\_\_\_. Findings, and action taken: \_\_\_\_\_

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C. Results and interpretation of any stormwater monitoring performed. Attach a separate sheet with the lab results. (Monitoring is **not** a requirement under the permit, unless you were specifically directed to do so by the Division. However, the results of any stormwater monitoring that you performed on your own should be reported here.)

Monitoring Results Attached?

☒ No    ☐ Yes

#### D. Certification

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

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Signature of Permittee (legally responsible person)

Date Signed

**Brian Watterson**

Name (printed)

**Geologist**

Title