



State of Ohio Environmental Protection Agency

**Southeast District Office**

2195 Front Street  
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490  
www.epa.state.oh.us

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

August 6, 2010

**Re: Meigs County:** Southern Ohio Coal Co.;  
Administrative Bldg. STP; Salem Portal STP;  
Danville Portal STP; Meigs Mine #31;  
Meigs Mine #2  
**Vinton County:** Raccoon Mine #3  
Compliance Inspection  
Correspondence (IWW)

Mr. Ron Winland  
Southern Ohio Coal Company  
P.O. Box 98  
Cumberland, Ohio 43732

Dear Mr. Winland:

On June 17, 2010, Cynthia Yandrich and I, representing Ohio EPA's Division of Surface Water, performed compliance inspections of the Division Office sewage treatment plant (0IM00003\*DD); Raccoon Mine pond and sewage treatment plant (0IL00026\*DD); Danville Portal sewage treatment plant (0IM00030\*AD); Salem Portal sewage treatment plant (0IM00031\*AD); Meigs Mine #31 sewage treatment and mine water treatment plant (0IL000027\*DD); and Meigs Mine #2 (0IL00028\*DD). Mr. Larry Bean accompanied us during the inspections. No violations were noted at that time. An inspection form is attached for each system observed. Please review the following comments and take appropriate actions as necessary:

**Meigs Mine #31, 0IL00027\*FD**

**Outfall 001:** Hillside sedimentation basin

1. This Pond also serves as water supply to redwood tank.

**Outfall 002:** Wastewater treatment plant

2. Although this plant receives a fraction of the wastewater of plant's original design, there are some minor issues that need attention. At the time of the inspection, the plant's sand filters had vegetation growing on it. Since that time, the filters have been cleaned. It was also noted that there may be air leaks preventing maximum aeration in the aeration basin.

Outfall 004: Treated mine water discharge

3. NPDES permit 01L00027\*FD, Part I, C contains specific requirements for addressing the mine water discharge. This water is currently treated and discharged to Parker Run, a tributary of Leading Creek. During a conversation the week of June 14, 2010, you indicated that CONSOL Energy is leaning toward construction of a pipeline to convey treated mine water to the Ohio River, in accordance with Option C, "Diversion of Effluent to Another Stream." It is assumed that since the required documentation was not submitted for options "A" and "D", CONSOL Energy will not be pursuing either. Therefore, this leaves Options "B" and "C". Both of these options have similar compliance deadlines. Please refer to Part I, C of NPDES permit 01L00027\*FD for details.
4. Please keep in mind that you are required to submit annual status reports regarding the compliance options discussed above. The effective date of your permit is September 1, 2008. The second annual status report will be due at the 24 month anniversary of the effective date of NPDES permit 01L00027\*FD, see Part II, F.
5. It was noted during the inspection that some type of descaling agent is being added to the effluent prior to discharge in order to prevent armoring of the concrete channel. Any chemical additions must be approved by Ohio EPA prior to addition. Please either eliminate the addition of any such chemical to the effluent or provide Ohio EPA with additional information on the chemical being added. Should chemical addition be necessary, please provide the following information for evaluation:
  - a. Chemical trade name, if any
  - b. Actual chemical composition
  - c. Reason that chemical addition is necessary
  - d. Current and/or anticipated feed rate

Division Office, 01M00003\*ED

Outfall 001: Division Office WWTP

6. This WWTP receives wastewater from the one open office building. This treatment system appears to be adequately maintained and operated, with exception to the sand filters. During the inspection, it was noted that the sand filters were covered with vegetation, which was brought to Mr. Bean's attention. The filters were cleared of vegetation shortly after the inspection.

**Raccoon Mine, 0IL00026\*ED**

7. The Raccoon Mine area has been reclaimed and the pond receives storm water from the reclaimed area. The sewage treatment plant is in disrepair and though it is receiving sewage, the sewage is being pumped and taken to another wastewater treatment plant. The permit has been modified to remove this outfall and you will demolish the plant. The wastewater will go to an on-site system.

**Danville Portal Sewage Treatment Plant, 0IM00030\*AD**

Outfall 001: WWTP

8. This sewage treatment plant is not receiving sewage at this time. The components appear to be in good condition.

**Salem Portal Sewage Treatment Plant, 0IM00031\*AD**

Outfall 001: WWTP

9. This sewage treatment plant is not receiving sewage. The components appear to be in good condition.

**Meigs Mine #2 Office and Bathhouse, 0IM00032\*AD**

Outfall 001: WWTP

10. This plant appears to be properly operated and is generally well maintained with exception to the sand filters. The sand filters required vegetation removal at the time of the inspection. Since that time, the filters have been serviced.

**Meigs Mine #2, 0IL00028\*ED**

Outfall 001: Redwood Storage Tank

11. This tank stores clean water from the Hillside Sediment Pond from outfall 001 in permit 0IL00027 for fire suppression. This discharge is monitored and sampled when a discharge occurs.

Outfall 004: Storm water run-off from coal refuse area

12. Based on a conversation at the time of the inspection, this small sedimentation basin is monitored regularly, but has not discharged for some time.

Outfall 005: Storm water from coal breaker/conveyor

13. Equipment has been removed from this location. Samples from the site are still analyzed per the permit requirements.

Attached are inspection forms for each of the facilities, as appropriate. Should you have any questions, please feel free to contact me at (740) 380-5266.

Sincerely,



Mike Yandrich  
District Representative  
Division of Surface Water

CY/dh

Enclosure

## NPDES Compliance Inspection Report

### A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
01M00031*AD	OH0135062	June 10, 2010	C	S	2

### B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Salem Portal State Route 124, 3 miles east of Wilkesville, Meigs County	11:35 a.m.	September 1, 2008
	Exit Time	Permit Expiration Date
	11:47 a.m.	August 31, 2013

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Larry Bean	(740) 558-7225
Name, Address and Title of Responsible Official	Phone Number
Ron Winland, Environmental Engineer Southern Ohio Coal Company P.O. Box 98 Cumberland, Ohio 43732	(740) 558-7225

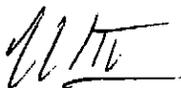
### C. AREAS EVALUATED DURING INSPECTION

<u>  </u> S Permit	<u>  </u> NA Flow Measurement	<u>  </u> NA Pretreatment
<u>  </u> S Records/Reports	<u>  </u> NA Laboratory	<u>  </u> NA Compliance Schedules
<u>  </u> NA Operations & Maintenance	<u>  </u> S Effluent/Receiving Waters	<u>  </u> S Self-Monitoring Program
<u>  </u> S Facility Site Review	<u>  </u> NA Sludge Storage/Disposal	<u>  </u> Other
<u>  </u> NA Collection System		

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

### D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

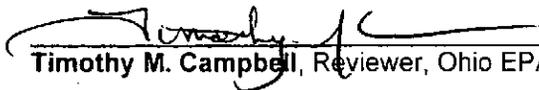
See attached letter. Treatment system is not in operation.



Michael Yandrich, Inspector, Ohio EPA, Southeast District Office

8-9-2010

Date



Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

8/19/10

Date