



State of Ohio Environmental Protection Agency
Southeast District Office

Semi-Public NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES #	Month/Day/Year	Inspection Type	Inspector	Facility Type
01M00032*AD	OH00135071	1/27/13; 3/14/13	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Southern Ohio Coal Company Meigs Mine #2, Office and Bathhouse 3 miles SE of Point Rock on State Route 689, Rock Point, Meigs County	11:40 am	January 1, 2012
	Exit Time	Permit Expiration Date
	11:50 am	August 31, 2013
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Larry Bean, Operator	(740) 558-7225	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Larry Bean, Operator	(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	

Section D: Summary of Findings (attach additional sheets if necessary)	
Inspector	Reviewer
<i>Cynthia Yandrich</i> 5-20-13	<i>Jennifer M. Witte</i> 5/21/13
Cynthia Yandrich Division of Surface Water Southeast District Office Date	Jennifer M. Witte Compliance & Enforcement Supervisor Division of Surface Water Southeast District Office Date

Average Daily Design Flow:	30000 Gallons/Day
Plant Serves:	Office Building
Average Daily Flow:	617 Gallons/Day
(Period of Review):	(1/1/10-3/1/13)
Method of flow monitoring:	Run time meters on pumps
Type of alarms for plant:	Audio Visual

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **No**
 Maintenance of pretreatment components is: **Good**

Comments/Status:

Secondary Treatment (Aeration)

Color of sludge: **Light Brown**
 Quality of sludge: **Thin**
 Foam: **None Present**
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is: **Excellent**

Comments/Status:

Secondary Treatment (Settling)

Clarity: **Clear**
Condition of Weir: **Clean**
Weir is level: **Yes**
Effluent in weir: **Clear**
Clarifier walls need scraped: **No**

Overall maintenance of settling components is: **Excellent**

Comments/Status:

Tertiary Treatment

	Yes	No		Yes	No
Surface sand filters:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of settling components is: **Excellent**

Comments/Status:

Sludge Handling/Storage Disposal

Hauler name: N/A
Disposal site: N/A
Sludge wasted from: N/A
How often is sludge wasted: N/A
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of settling components is: **Excellent**

Comments/Status:

Have not hauled sludge recently due to low loading.

Record Keeping/Operator of Record

- (a) Wastewater Treatment Works classification (OAC 3745-7) A
- (b) Operator of Record holds unexpired license of class required by Permit Y
- (c) Copy of certificate of Operator of Record displayed on-site Y
- (d) Has the Operator of Record submitted an ORC Notification form Y
- (e) Minimum operator staffing requirements fulfilled (OAC 3745-7) Y
- (f) If a Staffing Reduction plan has been approved, are the stipulations of the plan being met N/A
- (g) Operator of Record log book provided Y
- (h) Format of log book (e.g. computer log, hard bound book)

Hard Bound Book
- (i) Log book kept onsite (in an area protected from weather) N/A
- (j) Log book contains the following:
 - I. Identification of treatment works N
 - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7 Y
 - III. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.) Y
 - IV. Laboratory results (unless documented on bench sheets) N/A
 - V. Identification of person making entries Y
- (k) Has the Operator of Record submitted written notifications to the permittee, Ohio EPA and, if applicable, any local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred N/A

Comments/Status:

Plant Discharge

Discharge point is a: **Ditch**
Name of discharge point: **001**
Discharge is visible: **Yes**
Quality of Effluent: **Clear**

Comments/Status:



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

May 15, 2013

Re: Southern Ohio Coal Company
Meigs County: Administrative Bldg.;
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 January 24, 2013, I performed compliance inspections of the Division Office sewage treatment plant (0IM00003*DD); Raccoon Mine pond and sewage treatment plant (0IL00026*DD); Meigs Mine #31 sewage treatment and mine water treatment plant (0IL000027*DD); and Meigs Mine #2 (0IL00028DD). Mr. Larry Bean accompanied me during the inspections. I followed up with another inspection on March 14, 2013. 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

This outfall was used for recycling and a water supply for fire suppression. It now only takes decant from the slurry impoundment, prior to discharge. Total Dissolved Solids have decreased dramatically since the last permit cycle.

Outfall 002: Meigs Mine #31 Office Wastewater Treatment Plant

This plant receives a fraction of the wastewater of the plant's original design, therefore it is under loaded. The plant appears to be properly operating and is meeting permit limits.

Outfall 004: Treated Mine Water Discharge

This plant appears to be operating as effectively as possible. We have received a Permit to Install (PTI) and an NPDES permit renewal application to move the outfall to the Ohio River.

Division Office, 0IM00003*ED:

This plant receives wastewater from the one open office building. This treatment system appears to be adequately maintained and operated. It is under loaded compared to its original capacity. This office complex may have no sewage draining to it in the near future. I am working with the Meigs County Health Department to make sure adequate treatment for the AEP office building is provided.

Raccoon Mine, 0IL00026*ED:

The Raccoon Mine area has been reclaimed and the pond receives storm water from the reclaimed area which is still monitored. There is no longer a sewage treatment plant under permit at this facility.

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

This plant appears to be properly operated and is generally well maintained.

Meigs Mine #2, 0IL00028*ED:

Outfall 001: Redwood Storage Tank

This tank previously stored clean water from the Hillside Sediment Pond from outfall 001 in permit 0IL00027 for fire suppression. This tank is no longer used and will be removed this upcoming permit cycle.

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

This pond does not discharge. Currently, the mine water draining to this pond is being pumped to the Mine #2, and subsequently the Mine #31 complex.

Outfall 005: Storm water from coal breaker/conveyor

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,

A handwritten signature in blue ink that reads "Cynthia Yandrich". The signature is written in a cursive style with a large initial "C".

Cynthia Yandrich
District Representative
Division of Surface Water

CY/dh

Enclosure