



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korteski, Director



1PG0002120080917

SHELBY

SHELBY CO SEWER DIST MILLCREEK SUBDIV
STP

LEIBFRITZ, SANDRA 2008/09/17



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

TELE: (937) 285-6357 FAX: (937) 285-6249
www.epa.state.oh.us

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

September 17, 2008

Shelby County Board of Commissioners
129 East Court Street, Suite 100
Sidney, Ohio 45365

CERTIFIED LETTER

**RE: Millcreek WWTP - NPDES No. 1PG00021*ED, OH0027391
Compliance Evaluation Inspection – Shelby County
Self-Monitoring Report Notice of Violation- January 2007 through
July 2008**

Dear Commissioners:

On September 2, 2008, Laura Pohlman and Sandra Leibfritz conducted an inspection at Millcreek WWTP located at Millcreek Road and Kuther Road, Sidney, Ohio. John Bruns was representing Millcreek WWTP. For both plants, secondary treatment (settling area) was rated as marginal. Details of these ratings may be seen in the enclosed inspection report. All other areas that were evaluated were rated as satisfactory.

During the inspection, Mr. Bruns reported the used of Rodeo in the sand beds to control the weeds. This act is prohibited by your NPDES permit and must immediately cease, not only at Millcreek WWTP, but also at all plants owned and/or operated by Shelby County Sewer District.

There are five items that require a response for outfall 001 and four items that require a response for outfall 002. We ask for a written response no later than October 6, 2008. If you should have any questions about the inspection, please call Ms. Pohlman at (937) 285-6099, Ms. Leibfritz at (937) 285-6104 or me at (937) 285-6034.

Sincerely,

Martyn G. Burt
Environmental Supervisor
Division of Surface Water

cc: Shelby County Health Department
John Bruns, Director of SCSD



Permit #: 1PG00021001*ED
 NPDES #: OH0027391



State of Ohio Environmental Protection Agency
 Southwest District Office

NPDES Compliance Inspection Report
 Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PG00021*ED	OH0027391	9/2/08	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Millcreek WWTP - Outfall 001 Stevens Subdivision Millcreek Road and Kuther Road	9:40	May 1, 2005
	Exit Time	Permit Expiration Date
	10:50	April 30, 2010
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
John Bruns, Director Shelby County Sewer District & Class III Operator	(419) 628- 3411	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
John Bruns, Director Shelby County Sewer District 3475 Canal RR #1 Minster, Ohio 45865	(419) 628-3411	
Name, Address and Title of Responsible Official	Phone Number	
Board of Commissioners 129 East Court Street, Suite 100 Sidney, Ohio 45365	(937) 498-7226 (937) 498-1293 (fax)	

Ohio EPA Inspector	Ohio EPA Reviewer
<i>Laura R. Pohlman</i> 9/17/08	<i>Martyn Burt</i> 9/17/08
<i>Sandra D. Leibfritz</i> 9/17/08	
Laura R. Pohlman Sandra D. Leibfritz Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
Date	Date

Average Daily Design Flow:	0.02 MGD
Plant Serves:	Stevens Subdivision- 50 homes
Average Daily Flow: (Period of Review):	0.009706 MGD January 1, 2007 through December 31, 2007
Method of flow monitoring:	Ultrasonic with v notch weir
Type of alarms for plant:	Visual

Pretreatment

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

Comments/Status:

The trash trap is pumped monthly and is hauled to Lake Loramie WWTP by Mike's Sanitation.

There are 50 homes in the subdivision. Flow is reported via ultrasonic with v notch weir.

Millcreek WWTP (Outfall 001) consists of: trash trap, equalization basin, aeration, clarifier, upflow clarifier, dosing chamber, sand filters, chlorination, sonic meter, and dechlorination with post aeration.

Equalization Basin

Two Pumps present: **Yes**
 Both Pumps operational: **Yes**
 Alarm present: **Yes**
 Alarm operational: **Yes**
 Maintenance of equalization basin is: **Satisfactory**

Comments/Status:

The influent equalization basin is equipped with a visual alarm system. The pumps and alarm system are checked on a monthly basis. The blower runs for 15 minutes every hour. Both the pumps and the blower were reported as operational during the inspection.

The influent distributor line has a small leak.

Some of the grating on the equalization basin was corroded.

The WWTP is checked on a daily basis.

**Secondary Treatment
 (Aeration)**

Color of sludge: **Medium Brown**
 Quality of Sludge: **Medium**
 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 (2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Skimmers are operating (2)	<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	Bad	
Sludge return is operating (4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is...**Satisfactory**

Comments/Status:

Both blowers are on continually and are operating 24 hours / 7 days a week.

Aeration was occurring during the inspection.

There are four RAS lines. Two of the RAS lines were returning medium brown solids and the lines were 1/2 full. The other two RAS lines were returning light brown solids and the lines were 1/4 to 1/2 full.

Skimmers were returning clear effluent from the clarifier to the aeration tank.

There were cracks in concrete tanks (aeration).

**Secondary Treatment
 (Settling)**

Clarity: **Clear**
 Condition of Weir: **Excessive Algae/Solids Build Up**
 Weir is level: **Yes**
 Effluent in weir: **Clear**
 Clarifier walls need scraped: **Yes**

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

Comments/Status:

The clarifier walls are scraped on an as needed basis. SCSD conducts a settleometer test weekly.

We observed bulking solids and ashing on the surface of the clarifiers.

The effluent going over the weirs was clear; however, excessive algae was observed on the weirs and there were solids build-up in the trough. For these reasons, settling area was rated as marginal.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input checked="" type="checkbox"/>	<input 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 components is: **Satisfactory**

Comments/Status:

Solids and weeds were observed on the surface of both sand filter beds. SCSD uses Rodeo to control weeds in the filter bed.

Portions of the western sand filter bed were ponded.

Mr. Bruns reported that the eastern sand filter bed leaks at approximately 1,000 gallons per day when the filter is in use.

The sand filter beds are alternated.

Once the solids are dry, the operators rake and place the solids in a dumpster for disposal at Lake Loramie WWTP. Currently, SCSD has Mike's Sanitation haul the solids to Lake Loramie WWTP.

Both chlorination and dechlorination was occurring. A peristaltic pump feeds a solution of chlorine for disinfection and sodium thiosulfate for dechlorination. Post aeration was occurring.

There are two pumps in the dosing chamber. Both pumps were reported as operational.

Sludge Handling/Storage Disposal

Hauler name: **Mike's Sanitation**
 Disposal Site: **Lake Loramie WWTP**
 Sludge wasted from: **Clarifier**
 How often is sludge wasted: **Based on settleometer readings**
 Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Satisfactory**

Comments/Status:

The sludge holding tank was approximately ¾ full of solids. Sludge is ultimately hauled to the Lake Loramie WWTP by Mike's Sanitation.

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Unnamed tributary of Mill Creek**
Discharge is visible: **Yes**
Quality of Effluent: **Clear**

Comments/Status:

The stream was at low flow conditions. The final effluent was clear and odor free. The conditions in the stream were similar both upstream and downstream of the outfall.

Areas Requiring a Response

1. Ohio EPA's standard requires 18 inches of filter media in the sand filter beds. What is the depth of sand in the sand filters? If this standard is not met, provide a timeline for meeting this standard.
2. During our inspection we observed debris/rags on the ground around the equalization basin and aeration tank. This is not an acceptable means of disposal. Debris/rags from the WWTP must be properly collected and disposed of at a sanitary landfill. No later than October 6, 2008, provide written notification that the debris/rags have been picked up and properly disposed of. Also provide a written response that describes the action that will be taken for collecting and disposing of the debris/rags.
3. Some of the grating on the equalization basin and aeration tank was severely corroded. The most valuable resource that the County has is its employee. To protect your employees from injuries and /or loss of life, Ohio EPA recommends replacing the grating.
4. The operator reported that the influent distributor line and sand filter was leaking. Pursuant to Part III, Item F, SCSD shall maintain in good working order and operate as efficiently as possible the "treatment works" and "sewage system" as defined in ORC 6111.01. Failure to fix the leaking tank is in violation of Part III, Item F. Immediately repair this leaking treatment. How long has the sand filter been leaking? No later than October 6, 2008, provide a written notification that the treatment units have been repaired.
5. During the inspection, Mr. Bruns reported that there is valve pit prior to the sand filters. Mr. Bruns reported that the sand filters are bypassed during heavy storm events, but permit limits are still achieved. The bypass of sand filters is in violation of Part III Item 11 (Unauthorized Discharges). The bypass of sand filters is prohibited unless: 1. The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; 2. There were no feasible alternatives to the bypass; and 3. The permittee submitted notices as required under part III, Item 12 (Noncompliance Notification).

SCSD cannot continue to bypass sand filters as a standard mode of operation. SCSD must identify why the sand filters need to be bypassed and develop and implement a solution. Provide a detailed list of the dates (day, month and year), location and duration of time (hours, days, weeks, months) that the sand filters were bypassed. Provide a detailed description as to why the bypasses occurred. What treatment units, facilities or actions are necessary to prevent bypassing of the sand filters?

Areas Not Requiring a Response

The County is investigating their options with regard to the Millcreek WWTP. Options for this plant are as follows: (1) Connection to Sidney's sewer collection system, (2) Connection to Fairhaven's WWTP or (3) Upgrade the existing WWTP. Mr. Bruns reported that the County would have to spend \$2.5 million to bring the subdivision up to city standards. City sewers are located approximately $\frac{3}{4}$ miles away and would involve annexation. Mr. Bruns stated that Fair Haven's WWTP would have to be upgraded. Cost estimates for the project are under evaluation. Fair Haven is approximately 1.6 miles away. The County is also investigating the upgrades to the existing WWTP or installation of a new plant that would combine outfalls 001 and 002. Regardless, of the alternative that the County pursues, the County will address drainage issues.

John Bruns has a Class III wastewater license and Mark Kemper has a Class I wastewater license.

For Millcreek WWTP, SCSD analyzes for total suspended solids, ammonia, CBOD₅, fecal coliforms, and dissolved oxygen.

The operator, John Bruns, checks the WWTP on a monthly basis. Daily logs for color, odor, turbidity, pH, temperature and flow are maintained either by John Bruns, Mark Kemper, Mike Buchohon, and Scott Holesher. The logs are kept in the chlorination and dechlorination building.

During our inspection, we observed that logs for temperature, color, odor, turbidity are completed in pencil. Ohio EPA requires the logs to be completed with an indelible ink.

The operator of record, John Bruns, noted that the clarifier walls are scraped on an as needed basis. Ohio EPA recommends the side walls and sloping bottom of the clarifier should be scraped on a weekly basis.

EFFLUENT LIMIT VIOLATIONS FOR OUTFALL 001
 (Period of Review: January 1, 2007 through July 31, 2008)

7D = Weekly 30D = Monthly 1D = Daily Conc. = Concentration (mg/l) Qty.= Quantity (Kg/Day)

Month Reported	Parameter	Limit Type	Limit	Reported Value
January 2007	Total Suspended Solids	30D Conc	12.0	44
January 2007	CBOD 5 day	30D Conc	10.0	13
March 2007	Total Suspended Solids	30D Conc	12.0	25
March 2007	Total Suspended Solids	7D Conc	18.0	25
February 2008	Total Suspended Solids	30D Conc	12.0	28
February 2008	Total Suspended Solids	7D Conc	18.0	28
February 2008	Total Suspended Solids	30D Qty	0.9	2.00302
February 2008	Total Suspended Solids	7D Qty	1.4	2.00302
February 2008	Nitrogen, Ammonia	30D Conc	3.0	15
February 2008	Nitrogen, Ammonia	7D Conc	4.5	15
February 2008	Nitrogen, Ammonia	30D Qty	0.23	1.07305
February 2008	Nitrogen, Ammonia	7D Qty	0.34	1.07305
February 2008	CBOD 5 day	30D Conc	10.0	17
February 2008	CBOD 5 day	7D Conc	15.0	17
February 2008	CBOD 5 day	30D Qty	0.8	1.21612
February 2008	CBOD 5 day	7D Qty	1.1	1.21612
March 2008	Total Suspended Solids	30D Conc	12.0	56
March 2008	Total Suspended Solids	7D Conc	18.0	56
March 2008	Total Suspended Solids	30D Qty	0.9	1.5685
March 2008	Total Suspended Solids	7D Qty	1.4	1.5685

FREQUENCY VIOLATIONS FOR OUTFALL 001
 (Period of Review: January 1, 2007 through July 31, 2008)

Month Reported	Station	Parameter	Sample Frequency	Expected	Reported
March 2007	001	Water Temperature	1/Week	1	0
March 2007	001	Dissolved Oxygen	1/Week	1	0

Permit #: 1PG00021*ED
 NPDES #: OH0027391



State of Ohio Environmental Protection Agency
 Southwest District Office

NPDES Compliance Inspection Report
 Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PG00021*ED	OH0027391	9/2/08	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Millcreek WWTP – Outfall 002 Millcreek Road and Kuther Road	10:50	May 1, 2005
	Exit Time 11:30	Permit Expiration Date April 30, 2010
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
John Bruns, Director Shelby County Sewer District & Class III Operator	(419) 628- 3411	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
John Bruns, Director Shelby County Sewer District 3475 Canal RR #1 Minster, Ohio 45865	(419) 628-3411	
Name, Address and Title of Responsible Official	Phone Number	
Board of Commissioners 129 East Court Street, Suite 100 Sidney, Ohio 45365	(937)498-7226 (937) 498-1293 (fax)	

Ohio EPA Inspector	Ohio EPA Reviewer
<i>Laura R. Pohlman</i> 9/17/08 <i>Sandra D. Leibfritz</i> 9/17/08	<i>Martyn G. Burt</i> 9/17/08
Laura R. Pohlman Sandra D. Leibfritz Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

Average Daily Design Flow:	0.0175 MGD
Plant Serves:	Stevens Subdivision- 35 homes
Average Daily Flow: (Period of Review):	0.008586 MGD January 1, 2007 through December 31, 2007
Method of flow monitoring:	Ultrasonic with v notch weir
Type of alarms for plant:	Visual

Pretreatment

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

Comments/Status:

The trash trap is pumped monthly and is hauled to Lake Loramie WWTP by Mike's Sanitation.
 There are 35 homes in the subdivision. Flow is reported via ultrasonic with v notch weir.
 Millcreek WWTP (Outfall 002) consists of: trash trap, equalization basin, aeration, clarifier, upflow clarifier, dosing chamber, sand filters, chlorination, sonic meter, and dechlorination with post aeration.

Equalization Basin / Lift Station

Two Pumps present: **Yes**
 Both Pumps operational: **Yes**
 Alarm present: **Yes**
 Alarm operational: **Yes**
 Maintenance of equalization basin is: **Satisfactory**

Comments/Status:

The influent equalization basin is equipped with a visual alarm system. The pumps and alarm system are checked on a monthly basis. Both the pumps and the blower were reported as operational during the inspection.
 The WWTP is checked on a daily basis.

**Secondary Treatment
 (Aeration)**

Color of sludge: **Medium Brown**
 Quality of Sludge: **Medium**
 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 (2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Skimmers are operating (2)	<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 (4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is... **Satisfactory**

Comments/Status:

Both blowers are on continually and are operating 24 hours / 7 days a week.

Aeration was occurring during the inspection.

There are four RAS lines. The RAS lines were returning light / medium brown solids and the lines were 1/2 full.

Skimmers were returning clear effluent from the clarifier to the aeration tank.

**Secondary Treatment
 (Settling)**

Clarity: **Clear**
 Condition of Weir: **Excessive Algae/Solids Build Up**
 Weir is level: **Yes**
 Effluent in weir: **Clear**
 Clarifier walls need scraped: **Yes**

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

Comments/Status:

The clarifier walls are scraped on an as needed basis. SCSD conducts a settleometer test weekly.

We observed bulking solids and ashing on the surface of the clarifiers.

The effluent going over the weirs was clear; however, excessive algae was observed on the weirs and there were solids build-up in the trough. One of the clarifier skimmers were not functioning properly. For these reasons, the settling area was rated as marginal.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Okay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input checked="" type="checkbox"/>	<input 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 components is: **Satisfactory**

Comments/Status:

Solids and weeds were observed on the surface of both sand filter beds. SCSD uses Rodeo to control weeds in the filter bed.

The sand filters are alternated.

Once the solids are dry, the operators rake and place the solids in a dumpster for disposal at Lake Loramie WWTP. Currently, SCSD has Mike's Sanitation haul the solids to Lake Loramie WWTP.

Both chlorination and dechlorination was occurring. A peristaltic pump feeds a solution of chlorine for disinfection and sodium thiosulfate for dechlorination. Post aeration was occurring.

Mr. Bruns reported that the dechlorination tank leaks at approximately 1,000 gallons per day.

There are two pumps in the dosing chamber. Both pumps were reported as operational.

Sludge Handling/Storage Disposal

Hauler name: **Mike's Sanitation**
 Disposal Site: **Lake Loramie WWTP**
 Sludge wasted from: **Clarifier**
 How often is sludge wasted: **Based on settleometer readings**
 Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Satisfactory**

Comments/Status:

The sludge holding tank was approximately 1/2 full of solids. Sludge is ultimately hauled to the Lake Loramie WWTP by Mike's Sanitation.

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Unnamed tributary of Mill Creek**
Discharge is visible: **Yes**
Quality of Effluent: **Clear**

Comments/Status:

The stream was at low flow conditions. The final effluent was clear and odor free. There was a little more flow in the receiving stream due to outfall 001 located upstream. The conditions in the stream were similar both upstream and downstream of the outfall.

Areas Requiring a Response

1. During our inspection we observed one of the clarifier skimmers were not functioning properly. The opening of the skimmer was too far below the surface of the water and not removing the accumulation of scum from the setting tank. The skimmer level must be adjusted to approximately 3/8" below the liquid level. No later than October 6, 2008, provide written notification that the skimmer has been adjusted to the appropriate level.
2. Ohio EPA's standard requires 18 inches of filter media in the sand filter beds. If this standard is not met, provide a timeline for meeting this standard. What is the depth of sand in the sand filters?
3. The operator reported that the dechlorination tank was leaking. Pursuant to Part III, Item F, SCSD shall maintain in good working order and operate as efficiently as possible the "treatment works" and "sewage system" as defined in ORC 6111.01. Failure to fix the leaking tank is in violation of Part III, Item F. Immediately repair this leaking treatment. How long has the tank been leaking? No later than October 6, 2008, provide a written notification that the treatment units have been repaired.
4. During the inspection, Mr. Bruns reported that there is valve pit prior to the sand filters. Mr. Bruns reported that the sand filters are bypassed during heavy storm events, but permit limits are still achieved. The bypass of sand filters is in violation of Part III Item 11 (Unauthorized Discharges). The bypass of sand filters is prohibited unless: 1. The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; 2. There were no feasible alternatives to the bypass; and 3. The permittee submitted notices as required under part III, Item 12 (Noncompliance Notification). SCSD cannot continue to bypass sand filters as a standard mode of operation. SCSD must identify why the sand filters need to be bypassed and develop and implement a solution. Provide a detailed list of the dates (day, month and year), location and duration of time (hours, days, weeks, months) that the sand filters were bypassed. Provide a detailed description

as to why the bypasses occurred. What treatment units, facilities or actions are necessary to prevent bypassing of the sand filters?

Areas Not Requiring a Response

The County is investigating their options with regard to the Millcreek WWTP. Options for this plant are as follows: (1) Connection to Sidney's sewer collection system, (2) Connection to Fairhaven's WWTP or (3) Upgrade the existing WWTP. Mr. Bruns reported that the County would have to spend \$2.5 million to bring the subdivision up to city standards. City sewers are located approximately $\frac{3}{4}$ miles away and would involve annexation. Mr. Bruns stated that Fair Haven's WWTP would have to be upgraded. Cost estimates for the project are under evaluation. Fair Haven is approximately 1.6 miles away. The County is also investigating the upgrades to the existing WWTP or installation of a new plant that would combine outfalls 001 and 002. Regardless, of the alternative that the County pursues, the County will address drainage issues.

John Bruns has a Class III wastewater license and Mark Kemper has a Class I wastewater license.

For Millcreek WWTP, SCSD analyzes for total suspended solids, ammonia, CBOD₅, fecal coliforms, and dissolved oxygen.

The operator, John Bruns, checks the WWTP on a monthly basis. Daily logs for color, odor, turbidity, pH, temperature and flow are maintained either by John Bruns, Mark Kemper, Mike Buchohon, and Scott Holesher. The logs are kept in the chlorination and dechlorination building.

During our inspection, we observed that logs for temperature, color, odor, turbidity are completed in pencil. Ohio EPA requires the logs to be completed with an indelible ink.

The operator of record, John Bruns, noted that the clarifier walls are scraped on an as needed basis. Ohio EPA recommends the side walls and sloping bottom of the clarifier should be scraped on a weekly basis.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SHELBY COUNTY BOARD OF COMMISSIONERS
129 EAST COURT ST SUITE 100
SIDNEY OH 45365

2. Article Number

(Transfer from service label)

7006 2760 0003 0780 8486

COMPLETE THIS SECTION ON DELIVERY

A. Signature


 Agent Addressee

B. Received by (Printed Name)

Deborah K. Ryan

C. Date of Delivery

9/19/18

D. Is delivery address different from item 1? YesIf YES, enter delivery address below: No

3. Service Type

 Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee)

 Yes

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •



STATE OF OHIO EPA
SOUTHWEST DISTRICT OFFICE
ATTN: MARTYN BURT /SANDY LEIBFRITZ
401 EAST FIFTH ST
DAYTON OH 45402



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For delivery information visit our website at www.usps.com

OFF FILE 1948 USE

7006 2760 0003 0780 8486

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
To	\$

*FROM:
MARTIN BURY
S Leibfritz*

Postmark
Here

Sent

Street
or P.O. Box
City, State, ZIP+4®
SHELBY COUNTY BOARD OF COMMISSIONERS
129 EAST COURT ST SUITE 100
SIDNEY OH 45365

See Reverse for Instructions

Certified Mail Provides:

- A mailing receipt
- A unique identifier for your mailpiece
- A record of delivery kept by the Postal Service for two years

Important Reminders:

- Certified Mail may **ONLY** be combined with First-Class Mail[®] or Priority Mail[®].
- Certified Mail is *not* available for any class of international mail.
- **NO INSURANCE COVERAGE IS PROVIDED** with Certified Mail. For valuables, please consider Insured or Registered Mail.
- For an additional fee, a *Return Receipt* may be requested to provide proof of delivery. To obtain Return Receipt service, please complete and attach a Return Receipt (PS Form 3811) to the article and add applicable postage to cover the fee. Endorse mailpiece "Return Receipt Requested". To receive a fee waiver for a duplicate return receipt, a USPS[®] postmark on your Certified Mail receipt is required.
- For an additional fee, delivery may be restricted to the addressee or addressee's authorized agent. Advise the clerk or mark the mailpiece with the endorsement "*Restricted Delivery*".
- If a postmark on the Certified Mail receipt is desired, please present the article at the post office for postmarking. If a postmark on the Certified Mail receipt is not needed, detach and affix label with postage and mail.

IMPORTANT: Save this receipt and present it when making an inquiry.

PS Form 3800, August 2006 (Reverse) PSN 7530-02-000-9047