Ohio EPA
40 years and moving forward

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

Re: Auglaize County
County WWTPs
NPDES Permit

May 23, 2013

Mr. Douglas Reinhart
Auglaize County Engineer
P.O. Box 59
Wapakoneta, Ohio 45895

Dear Mr. Reinhart:

This will acknowledge our April 29, 2013, compliance reconnaissance inspections of Arrowhead Estates Subdivision, Beverly Hills Subdivision, Forest Lane Subdivision, K/Z Sewer District, the Village of New Knoxville wastewater treatment plant (WWTP), Pleasantview Estates Subdivision, Sharlon Subdivision, Sherwood Forest Subdivision, the Village of Uniopolis, and the Wapakoneta Country Club wastewater treatment facilities.

Arrowhead Estates Subdivision is located at 18630 State Route 67, Wapakoneta
Beverly Hills Subdivision is located at 11731 Glynwood Road, Wapakoneta
Forest Lane Subdivision is located at 3982 Forest Lane North, New Bremen
K/Z Sewer District is located on Wapakoneta – Buckland Road, Wapakoneta
The Village of New Knoxville WWTP is located at 500 Industrial Drive, New Knoxville
Pleasantview Estates Subdivision is located at 208 Candlewood, St. Marys
Sharlon Subdivision is located at the SE corner of Cloverleaf Road and State Route 29, New Knoxville
Sherwood Forest Subdivision is located at 16262 Nottingham Drive, Wapakoneta
The Village of Uniopolis WWTP is located at 17290 State Route 65, Uniopolis
The Wapakoneta County Club is located at 18781 State Route 501, Wapakoneta

Mr. Fred Wierwille, Resident Inspector, was present for all inspections. Mr. Mike Geib was also present during the Village of New Knoxville inspection.

As a follow-up to last year's inspection, it appears that the County's Operator of Record logbooks are now being kept in accordance with Ohio Administrative Code (OAC) 3745-7. Also be aware that two changes have been made to OAC 3745-7 regarding controlled discharge lagoon systems and seasonally operated WWTPs. OAC 3745-7-04(C)(2)(g) states that, *"Controlled discharge lagoons shall only be required to meet the minimum staffing requirements during periods of discharge. When discharge is not occurring, the operator of record shall visit the facility at least once every two weeks."* OAC 3745-7-04(C)(2)(f) provides an exemption to the staffing requirements for seasonally operated WWTPs provided that the required documentation is submitted to Ohio EPA. The staffing requirement for a Class A system is reduced to one monthly visit and the staffing requirement for a Class I system is reduced to one visit every two weeks during periods in which the WWTP is not in operation. For details regarding the required information to be submitted to Ohio EPA for staffing requirement reduction, please review OAC 3745-7-04(C)(2)(f).

During the inspections, Mr. Wierwille inquired about Permit to Install (PTI) requirements. He indicated that the County would like to replace chlorine/dechlorination units at several WWTPs with new UV disinfections systems. The County only needs to submit one PTI application and four sets of detail plans. Each set of detail plans will need to list the names of the WWTPs in which each UV unit will be installed. The PTI fee will need to be paid for

all of the UV units to be installed as well. Example: if three UV units are installed and each unit costs $5,000; the PTI fee is based upon $15,000. If there will be any variation in the UV units installed at the various WWTPs, separate drawings will be required for each different unit.

During the inspection of the Village of New Knoxville's WWTP, the Village's National Pollutant Discharge Elimination System (NPDES) permit renewal was discussed. The County and the Village were informed that a few new parameters would be placed in the permit for monitoring purposes. If the testing results of those parameters do not violate any water quality standards or do not appear to be at elevated levels to cause degradation to the receiving stream, they may be removed in the next permit cycle. At the Village's request, we will add sewage sludge testing tables 581, 586, and 588 to their NPDES permit during the renewal process. This will give the Village three options to remove sewage sludge from their lagoon system: land application, land filling, or hauling to another NPDES permitted treatment facility. Also as discussed during the inspection, we have received the Village's NPDES renewal application and have a draft permit mostly completed. The draft permit cannot be completed until the Village submits a mercury variance application. Mr. Geib indicated that he would contact the Village's consultant later in the day, the day of the inspection. As of the date of this letter, we have not received the Village's mercury variance request. We request that the Village submit its mercury variance request by June 3, 2013, so we can process the permit renewal in a timely manner. If the Village fails to comply with this request, we will issue the draft permit with the statewide water quality standard limit instead of a less stringent variance limit.

During the inspection of the Village of Uniopolis' WWTP, Mr. Wierwille asked about dredging the sides of the lagoon banks where grass and other vegetation are starting to grow. The sediment and vegetation have started to fill in some areas of the lagoons. Mr. Wierwille indicated that Village has a dumpsite for brush on their property next to the lagoon and he inquired about taking the dredge material to that site so it could dry out. We recommend that the dredge material be removed and placed around the edge of the lagoons so that any partially treated wastewater could flow back into the lagoons. Once the dredge material has dried out, it may be disposed of in a sanitary landfill.

Lastly, as discussed during previous inspection letters and as again observed during this inspection, sand filter bypasses are in place at Beverly Hills Subdivision and Sherwood Forest Subdivision. We again request that the bypasses be removed and that you operate all County maintained WWTPs in accordance with Part III, Items 3, 11 and 12 of your NPDES permits. Please provide this office, within 30 days, a written plan of actions that will be taken to eliminate these sand filter bypasses. If these violations continue to occur, we will have no choice but to recommend escalated enforcement action to achieve compliance.

Our completed inspection reports are included for your review. If you have any questions, please call me at (419) 373 – 3022.

Yours truly,

Justin A. Williams

Justin A. Williams
Environmental Specialist II
Division of Surface Water

/jlm
Enclosures
pc: Mayor and Council, Village of Uniopolis
Mayor and Council, Village of New Knoxville
Mr. Steve Justice, Maintenance Supervisor
Auglaize County Health Department
ec: Inspection Tracking

OhioEPA

State of Ohio Environmental Protection Agency
Northwest 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**
2PG00090	OH0079138	04/29/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Arrowhead Estates Subdivision 18630 State Route 67 Uniopolis, OH 45888	1:45 pm	May 1, 2010
	Exit Time	**Permit Expiration Date**
	1:55 pm	April 30, 2015
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Mr. Fred Wierwille – Resident Inspector	(419) 739 – 6525	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Mr. Randy Cummins – Operator Mr. Kim Weiler – Operator	(419) 739 – 6525	
Name, Address and Title of Responsible Official	**Phone Number**	
Mr. Douglas Reinhart – Auglaize County Sanitary Engineer 1014 South Blackhoof Street P.O. Box 59 Wapakoneta, OH 45895	(419) 739 – 6525	

Ohio EPA Inspector	Ohio EPA Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Average Daily Design Flow:	**12,000 Gallons/Day**
Plant Serves:	23 Home subdivision
Average Daily Flow: (Period of Review):	**5,800 Gallons/Day (01/13 – 04/13)**
Method of flow monitoring:	**Pump run time meters**
Type of alarms for plant:	**None**

Pretreatment

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

Comments/Status:

Trash trap is pumped three to four times per year.

Secondary Treatment (Aeration)

Color of sludge: **Dark Brown**
Quality of Sludge: **Medium**
Foam: **None present**
Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☒	☐
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is...**Good**

Comments/Status:

Contents in tank were a dark brown color. No odor was present and no foam was observed.

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: **Fair**

Comments/Status:
Contents in tank and effluent were clear. Scum and sludge was noticed floating in the tank.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☒	☐	**Polishing Pond**	☐	☒
Distribution box operating	☒	☐	Beds alternated	☒	☐
Are filters ponding/flooding	☒	☐	Beds raked	☐	☒
Sand filters overgrown	☐	☒	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☒	☐

Overall maintenance of components is: **Fair**

Comments/Status:
East filter was in use and ponded with sludge in it. West filter was resting and needs to be weeded.

Sludge Handling/Storage Disposal

Hauler name: Mike's Sanitation, Inc.
Disposal Site: Mike's Sanitation, Inc.
Sludge wasted from: Sludge holding tank
How often is sludge wasted: Two to three times per year
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:
Not being aerated at time of inspection. Contents were settling so tank could be dewatered.

Plant Discharge

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

Comments/Status:
Clear and colorless with no noticeable odor as observed in chlorination tank.

Ohio EPA

State of Ohio Environmental Protection Agency
Northwest 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**
2PG00073	OH0078760	04/29/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Beverly Hills Subdivision 11731 Glynwood Road Wapakoneta, OH 45895	11:45 am	April 1, 2012
	Exit Time	**Permit Expiration Date**
	12:00 pm	March 31, 2017
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Mr. Fred Wierwille – Resident Inspector	(419) 739 – 6525	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Mr. Randy Cummins – Operator Mr. Kim Weiler – Operator	(419) 739 – 6525	
Name, Address and Title of Responsible Official	**Phone Number**	
Mr. Douglas Reinhart – Auglaize County Sanitary Engineer 1014 South Blackhoof Street P.O. Box 59 Wapakoneta, OH 45895	(419) 739 – 6525	

Ohio EPA Inspector	Ohio EPA Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Average Daily Design Flow:	**20,000 Gallons/Day**
Plant Serves:	80 Home Subdivision
Average Daily Flow: (Period of Review):	**12,700 Gallons/Day (01/13 – 04/13)**
Method of flow monitoring:	**Pump run time meters**
Type of alarms for plant:	**High water alarm on dosing station**

Pretreatment

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

Comments/Status:

Trash trap is pumped two to three times per year.

Secondary Treatment (Aeration)

Color of sludge: **Medium Brown**
Quality of Sludge: **Medium**
Foam: **Light (dark)**
Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☒	☐
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is...**Good**

Comments/Status:

Contents in tank were a medium brown color. Tan foam and scum were also noticed in the tank.

Secondary Treatment (Settling)

Clarity: **Clear**
Condition of Weir: **Clean**
Weir is level: **Yes**

Effluent in weir: **Clear**
Clarifier walls need scraped: **Yes**

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

Comments/Status:

Clear in tank with some scum notice floating on the surface of the water. Effluent was clear.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☒	☐	**Polishing Pond**	☐	☒
Distribution box operating	☒	☐	Beds alternated	☒	☐
Are filters ponding/flooding	☐	☒	Beds raked	☒	☐
Sand filters overgrown	☒	☐	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☒	☐

Overall maintenance of components is: **Fair**

Comments/Status:

Three bed D-arms not attached to D-box, pipes are capped. Bypass for winter months in place. Filter in use needs weeded. Sludge in debris in all filters needs to be removed.

Sludge Handling/Storage Disposal

Hauler name: Mike's Sanitation, Inc.
Disposal Site: Mike's Sanitation, Inc.
Sludge wasted from: Sludge holding tank
How often is sludge wasted: Two to three times per year
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

Aerated and contents are a chocolate brown color.

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Auglaize River**
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

Clear and colorless with no noticeable odor.

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State of Ohio Environmental Protection Agency
Northwest 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**
2PG00105	OH0095265	04/29/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Forest Lane Subdivision 3982 Forest Lane North New Bremen, OH 45869	10:25 am	March 1, 2012
	Exit Time	**Permit Expiration Date**
	10:55 am	February 28, 2017
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Mr. Fred Wierwille – Resident Inspector	(419) 739 – 6525	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Mr. Randy Cummins – Operator Mr. Kim Weiler – Operator	(419) 739 – 6525	
Name, Address and Title of Responsible Official	**Phone Number**	
Mr. Douglas Reinhart – Auglaize County Sanitary Engineer 1014 South Blackhoof Street P.O. Box 59 Wapakoneta, OH 45895	(419) 739 – 6525	

Ohio EPA Inspector	Ohio EPA Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Average Daily Design Flow:	**10,000 Gallons/Day**
Plant Serves:	23 Home Subdivision
Average Daily Flow: (Period of Review):	**4,379 Gallons/Day (01/13 – 04/13)**
Method of flow monitoring:	**Pump run time meters**
Type of alarms for plant:	**High water alarms on EQ tank and dosing**

Pretreatment

Type of Pretreatment: **Trash Trap**
Does the Trash Trap need pumped: **Yes**
Maintenance of pretreatment components is: **Good**

Comments/Status:

Trash trap is pumped three to four times per year. Aerated EQ tank. Influent pumping station.

Secondary Treatment (Aeration)

Color of sludge: **Dark Brown**
Quality of Sludge: **Medium**
Foam: **None present**
Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☒	☐
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is...**Good**

Comments/Status:

Well aerated. No foam or odor noticed. Contents in tank were a dark brown color.

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: **Good**

Comments/Status:
Contents in tank and effluent were both clear.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☒	☐	**Polishing Pond**	☐	☒
Distribution box operating	☒	☐	Beds alternated	☒	☐
Are filters ponding/flooding	☒	☐	Beds raked	☐	☒
Sand filters overgrown	☐	☒	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☒	☐

Overall maintenance of components is: **Fair**

Comments/Status:
West filter was resting, ponded, and holding sludge. East filter in service. Post aeration provided.

Sludge Handling/Storage Disposal

Hauler name: Mike's Sanitation, Inc.
Disposal Site: Mike's Sanitation, Inc.
Sludge wasted from: Sludge holding tank
How often is sludge wasted: Two to three times per year
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:
Tank was aerated and its contents were a dark brown color.

Plant Discharge

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

Comments/Status:
Clear and colorless with no noticeable odor as observed in chlorination tank.

OhioEPA

State of Ohio Environmental Protection Agency
Northwest 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
2PW00006	OH0125211	04/29/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
K/Z Sewer District 12016 Wapakoneta – Buckland Road Wapakoneta, OH 45895	12:50 pm	July 1, 2009
	Exit Time	**Permit Expiration Date**
	1:00 pm	June 30, 2014
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Mr. Fred Wierwille – Resident Inspector	(419) 739 – 6525	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Mr. Randy Cummins – Operator Mr. Kim Weiler – Operator	(419) 739 – 6525	
Name, Address and Title of Responsible Official	**Phone Number**	
Mr. Douglas Reinhart – Auglaize County Sanitary Engineer 1014 South Blackhoof Street P.O. Box 59 Wapakoneta, OH 45895	(419) 739 – 6525	

Ohio EPA Inspector	Ohio EPA Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Average Daily Design Flow:	**10,000 Gallons/Day**
Plant Serves:	9 homes and 16 apartments
Average Daily Flow: (Period of Review):	**5,700 Gallons/Day (01/13 – 04/13)**
Method of flow monitoring:	**Pump run time meters**
Type of alarms for plant:	**High water alarm on dosing; UV bulb alarm**

Pretreatment

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

Comments/Status:

Trash trap is pumped once or twice per year.

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	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☒	☐
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is...**Good**

Comments/Status:

Contents in tank were a medium brown color. No foam or odor was noticed.

Secondary Treatment (Settling)

Clarity: **Clear**
Condition of Weir: **Excessive Algae/Solids Build Up**
Weir is level: **Yes**

~~Effluent in weir: None~~
Clarifier walls need scraped: **Yes**

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

Comments/Status:
Contents in tank were clear.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☒	☐	**Polishing Pond**	☐	☒
Distribution box operating	☒	☐	Beds alternated	☒	☐
Are filters ponding/flooding	☒	☐	Beds raked	☒	☐
Sand filters overgrown	☐	☒	Chlorination present	☐	☒
UV present	☒	☐	Dechlorination present	☐	☒

Overall maintenance of components is: **Fair**

Comments/Status:
Bed in use was ponded. Post aeration.

Sludge Handling/Storage Disposal

Hauler name: Mike's Sanitation, Inc.
Disposal Site: Mike's Sanitation, Inc.
Sludge wasted from: Holding tank
How often is sludge wasted: Once per year
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:
Tank was full of rain water and needs to be pumped out. Air supply was shut off.

Plant Discharge

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

Comments/Status:
Clear and colorless with no noticeable odor as observed in post aeration tank.

OhioEPA

State of Ohio Environmental Protection Agency
Northwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	**NPDES#**	**Month/Day/Year**	**Inspection Type**	**Inspector**	**Facility Type**
2PA00059	OH0053635	04/29/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Village of New Knoxville WWTP 500 Industrial Drive New Knoxville, OH 45871	9:30 am	August 1, 2008
	Exit Time	**Permit Expiration Date**
	10:15 am	July 31, 2013
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Mr. Fred Wierwille – Resident Inspector Mr. Mike Geib – Operator	(419) 739 – 6525 (419) 753 – 2160	
Name, Address and Title of Responsible Official	**Phone Number**	
Mayor and Council, Village of New Knoxville 101 South Main Street P.O. Box 246 New Knoxville, OH 45871	(419) 753 – 2160	

Section C: Areas Evaluated During Inspection
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

Section D: Summary of Findings (Attach additional sheets if necessary)

Generator: tested once per week under load.
Pump Station: two 600 g.p.m. pumps – alarm light.
Cell #1: no rip rap – dead weeds on bank – contents in the cell were turbid with a grey/brown color.
Cell #2: rip rap on windward side – dead weeds on bank – contents in the cell were clear with a brown-green tint.
Rock Filter: not used.
Flow Meter: Parshall flume.
Discharge: odorless with a slight tint; did not add any color to receiving water.
Laboratory: D.O. temperature, and pH tested onsite – all other samples are taken to Brookside Laboratory.
Logbook: logbook kept onsite and maintained.
Sludge: requested that sludge tables be added to NPDES permit during renewal.

Inspector	Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

OhioEPA

State of Ohio Environmental Protection Agency
Northwest 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**
2PG00092	OH0079154	04/29/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Pleasantview Estates Subdivision 208 Candlewood Place St. Marys, OH 45885	11:00 am	May 1, 2012
	Exit Time	**Permit Expiration Date**
	11:15 am	April 30, 2017
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Mr. Fred Wierwille – Resident Inspector	(419) 739 – 6525	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Mr. Randy Cummins – Operator Mr. Kim Weiler – Operator	(419) 739 – 6525	
Name, Address and Title of Responsible Official	**Phone Number**	
Mr. Douglas Reinhart – Auglaize County Sanitary Engineer 1014 South Blackhoof Street P.O. Box 59 Wapakoneta, OH 45895	(419) 739 – 6525	

Ohio EPA Inspector	Ohio EPA Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Average Daily Design Flow:	**20,000 Gallons/Day**
Plant Serves:	80 Home Subdivision
Average Daily Flow: (Period of Review):	**23,600 Gallons/Day (01/13 – 04/13)**
Method of flow monitoring:	**Weir overflow measurement**
Type of alarms for plant:	**None**

Pretreatment

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

Comments/Status:

Trash trap is pumped two to three times per year.

Secondary Treatment (Aeration)

Color of sludge: **Light Brown**
Quality of Sludge: **Thin**
Foam: **None present**
Odor: **Slight**

	Yes	No		Yes	No
Aeration is taking place	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☒	☐
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is...**Good**

Comments/Status:

Well aerated. No foam. Slight noticeable odor. RAS was running clear.

Secondary Treatment (Settling)

Clarity: **Clear**
Condition of Weir: **Clean**
Weir is level: **Yes**

~~Effluent in weir: Clear~~
Clarifier walls need scraped: **Yes**

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

Comments/Status:
Clear in tanks. Clear effluent.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☐	☒	**Polishing Pond**	☒	☐
Distribution box operating	☐	☐	Beds alternated	☐	☐
Are filters ponding/flooding	☐	☐	Beds raked	☐	☐
Sand filters overgrown	☐	☐	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☐	☒

Overall maintenance of components is: **Good**

Comments/Status:
Post aeration. Polishing pond was covered with duckweed. No sand filters and no dechlorination.

Sludge Handling/Storage Disposal

Hauler name: Mike's Sanitation, Inc.
Disposal Site: Mike's Sanitation, Inc.
Sludge wasted from: Clarifier and sludge holding tank
How often is sludge wasted: Two to three times per year
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **East Branch of St. Marys River**
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:
Clear and colorless with no odor.

OhioEPA

State of Ohio Environmental Protection Agency
Northwest 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
2PG00093	OH0079162	04/29/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Sharlon Subdivision 11880 State Route 29 New Knoxville, OH 45871	11:20 am	September 1, 2010
	Exit Time	**Permit Expiration Date**
	11:30 am	August 31, 2015
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Mr. Fred Wierwille – Resident Inspector	(419) 739 – 6525	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Mr. Randy Cummins – Operator Mr. Kim Weiler – Operator	(419) 739 – 6525	
Name, Address and Title of Responsible Official	**Phone Number**	
Mr. Douglas Reinhart – Auglaize County Sanitary Engineer 1014 South Blackhoof Street P.O. Box 59 Wapakoneta, OH 45895	(419) 739 – 6525	

Ohio EPA Inspector	Ohio EPA Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Average Daily Design Flow:	**7,500 Gallons/Day**
Plant Serves:	9 Home Subdivision
Average Daily Flow: (Period of Review):	**3,788 Gallons/Day (01/13 – 04/13)**
Method of flow monitoring:	**Pump run time meters**
Type of alarms for plant:	**None**

Pretreatment

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

Comments/Status:

Trash trap is pumped once or twice per year.

Secondary Treatment (Aeration)

Color of sludge: **Dark Brown**
Quality of Sludge: **Medium**
Foam: **Light (dark)**
Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☒	☐
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is...**Good**

Comments/Status:

Well aerated. Contents were a dark color. No noticeable odor.

Secondary Treatment (Settling)

Clarity: **Clear**
Condition of Weir: **N/A**
Weir is level: **N/A**

Effluent in weir: **N/A**
Clarifier walls need scraped: **No**

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

Comments/Status:
No weir used. Pump in tank sends effluent to chlorine unit. Clear effluent.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☐	☒	**Polishing Pond**	☐	☒
Distribution box operating	☐	☐	Beds alternated	☐	☐
Are filters ponding/flooding	☐	☐	Beds raked	☐	☐
Sand filters overgrown	☐	☐	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☒	☐

Overall maintenance of components is: **Good**

Comments/Status:
No sand filter or polishing pond.

Sludge Handling/Storage Disposal

Hauler name: Mike's Sanitation, Inc.
Disposal Site: Mike's Sanitation, Inc.
Sludge wasted from: Clarifier
How often is sludge wasted: Once per year
Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Center Branch**
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:
Clear and colorless with no noticeable odor as observed in clarifier.

State of Ohio Environmental Protection Agency
Northwest 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**
2PG00013	OH0039578	04/29/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Sherwood Forest Subdivision 16262 Nottingham Drive Wapakoneta, OH 45895	12:30 pm	November 1, 2010
	Exit Time	**Permit Expiration Date**
	12:45 pm	October 31, 2015
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Mr. Fred Wierwille – Resident Inspector	(419) 739 – 6525	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Mr. Randy Cummins – Operator Mr. Kim Weiler – Operator	(419) 739 – 6525	
Name, Address and Title of Responsible Official	**Phone Number**	
Mr. Douglas Reinhart – Auglaize County Sanitary Engineer 1014 South Blackhoof Street P.O. Box 59 Wapakoneta, OH 45895	(419) 739 – 6525	

Ohio EPA Inspector	Ohio EPA Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Average Daily Design Flow:	**10,000 Gallons/Day**
Plant Serves:	24 Home Subdivision
Average Daily Flow: (Period of Review):	**8,000 Gallons/Day (01/13 – 04/13)**
Method of flow monitoring:	**Pump run time meters**
Type of alarms for plant:	**None**

Pretreatment

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

Comments/Status:

Trash trap is pumped two times per year.

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	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☒	☐
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is...**Good**

Comments/Status:

Contents in tank were a medium brown color. No odor was noticed.

Secondary Treatment (Settling)

Clarity: **Cloudy**
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: **Good**

Comments/Status:

Contents in tank were clear with some pinflock and floating scum. Post aeration after clarifier.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☒	☐	**Polishing Pond**	☐	☒
Distribution box operating	☒	☐	Beds alternated	☒	☐
Are filters ponding/flooding	☒	☐	Beds raked	☐	☒
Sand filters overgrown	☐	☒	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☒	☐

Overall maintenance of components is: **Fair**

Comments/Status:

North filter was ponded with black water. Also had sludge in it. South filter was in use. Splash pad needs replaced. Dried sludge needs to be removed and beds need to be leveled. Bypass in place for winter months.

Sludge Handling/Storage Disposal

Hauler name: Mike's Sanitation, Inc.
Disposal Site: Mike's Sanitation, Inc.
Sludge wasted from: Clarifier
How often is sludge wasted: Once per year
Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Auglaize River**
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

Clear and colorless with no noticeable odor as observed in dechlorination tank.

Ohio EPA

State of Ohio Environmental Protection Agency
Northwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding

Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
2PA00054	OH0053317	04/29/2013	R	S	1

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Uniopolis WWTP 17290 State Route 65 Uniopolis, OH 45888	1:20 pm	September 1, 2010
	Exit Time	**Permit Expiration Date**
	1:40 pm	August 31, 2015

Name(s) and Title(s) of On-Site Representatives	Phone Number(s)
Mr. Fred Wierwille – Resident Inspector	(419) 739 – 6525

Name, Address and Title of Responsible Official	Phone Number
Mayor and Council, Village of Uniopolis 70 East Ohio Street P.O. Box 67 Uniopolis, OH 45888	None listed

Section C: Areas Evaluated During Inspection
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

Section D: Summary of Findings (Attach additional sheets if necessary)

Generator: tested weekly on Tuesdays.
Pump Station: high water alarm.
Bar Screen: manually raked – screenings sent to landfill.
Cell #1: turbid with a dark grey tint – aerated – some rip rap around bank – dead weeds on.
Cell #2: clear with grey tint – aerated – dead weeds on bank.
Cell #3: clear and colorless – not aerated – dead weeds on bank.
Discharge: clear and colorless with no noticeable odor.
Laboratory: D.O., temperature, and pH tested onsite – all other samples are taken to Brookside Laboratory.
Logbook: Logbook kept onsite and maintained.
Sludge: Not anticipating any sludge removal this year.

Inspector	Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

State of Ohio Environmental Protection Agency
Northwest 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**
2PR00126	OH0125555	04/29/2013	R	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Wapakoneta Country Club 18781 State Route 501 Wapakoneta, OH 45895	1:05 pm	July 1, 2009
	Exit Time	**Permit Expiration Date**
	1:15 pm	June 30, 2014
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Fred Wierwille – Resident Inspector	(419) 739 – 6525	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Mr. Randy Cummins – Operator Mr. Kim Weiler – Operator	(419) 739 – 6525	
Name, Address and Title of Responsible Official	**Phone Number**	
Wapakoneta Country Club Board of Directors Mr. Steve Justice – Maintenance Supervisor 18781 State Route 501 Wapakoneta, OH 45895	(419) 657 – 6645	

Ohio EPA Inspector	Ohio EPA Reviewer
Justin A. Williams 05/14/13	Thomas Poffenbarger 5/14/13
Justin A. Williams Date Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Date Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Average Daily Design Flow:	**2,000 Gallons/Day**
Plant Serves:	Country Club
Average Daily Flow: (Period of Review):	**No discharge (01/13 – 04/13)**
Method of flow monitoring:	**Pump run time meters**
Type of alarms for plant:	**High level alarm on dosing**

Pretreatment

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

Comments/Status:

Trash trap is pumped as needed.

Secondary Treatment (Aeration)

Color of sludge: **Light Brown**
Quality of Sludge: **Thin**
Foam: **Light (white)**
Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☒	☐
Skimmers are operating	☐	☒	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is...**Good**

Comments/Status:

Clear water in tank. Sludge return was operating. No skimmer found.

Secondary Treatment (Settling)

Clarity: **Cloudy**
Condition of Weir: **Clean**
Weir is level: **Yes**

Effluent in weir: **Clear**
Clarifier walls need scraped: **No**

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

Comments/Status:
Contents in tank were turbid. Effluent was clear. No scum or sludge noticed in tank.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☒	☐	**Polishing Pond**	☐	☒
Distribution box operating	☒	☐	Beds alternated	☒	☐
Are filters ponding/flooding	☐	☒	Beds raked	☐	☒
Sand filters overgrown	☒	☐	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☒	☐

Overall maintenance of components is: **Good**

Comments/Status:
Need to remove debris in filter beds. Post aeration in contact tank.

Sludge Handling/Storage Disposal

Hauler name: Mike's Sanitation, Inc.
Disposal Site: Mike's Sanitation, Inc.
Sludge wasted from: Clarifier
How often is sludge wasted: As needed
Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

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

Comments/Status:
Not discharging at time of inspection.