



Environmental
Protection Agency

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

March 11, 2011

Mr. Stephen Renner, Director
Franklin County Sanitary Engineer's Office
280 East Broad Street, Suite 201
Columbus, OH 43215

Re: 4PA00011 / OH0054950
Taylor Estates
4GS00011 / OHS000003
Century Acres
~~4GS000147 / OHS000003~~
~~Holton Park~~
Reconnaissance Inspections

Dear Mr. Renner:

On February 15, 2011, Reconnaissance Inspections were conducted at the Taylor Estates, Century Acres, and Holton Park Wastewater Treatment Plants (WWTP). Present for the inspections were Ted Abbott and Charlie McFarland representing the Franklin County Sanitary Engineers and myself of the Ohio EPA, Central District Office Division of Surface Water. The purpose of the inspection was to evaluate compliance with the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) permits.

On February 14, 2011, I met with Dale Kocarek of Stantec and John Owen of Ohio EPA to discuss the replacement of Taylor Estates and Holton Park WWTPs. It was indicated that construction is likely to begin in August 2011. The current plants need to be maintained and possibly repaired depending on when the replacement plants are built.

Attached are the Reconnaissance Inspection Reports. There are a few items which require a written response. **Please respond in writing within 30 days of the receipt of this letter.**

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3846.

Sincerely,

Cole Miller
Environmental Specialist
Field Operations Unit
Division of Surface Water
Central District Office

CMnsm Taylor Estates Inspection 2-15-11

Central District Office
50 West Town Street, Suite 700
P.O. Box 1049
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NPDES Compliance Inspection Report

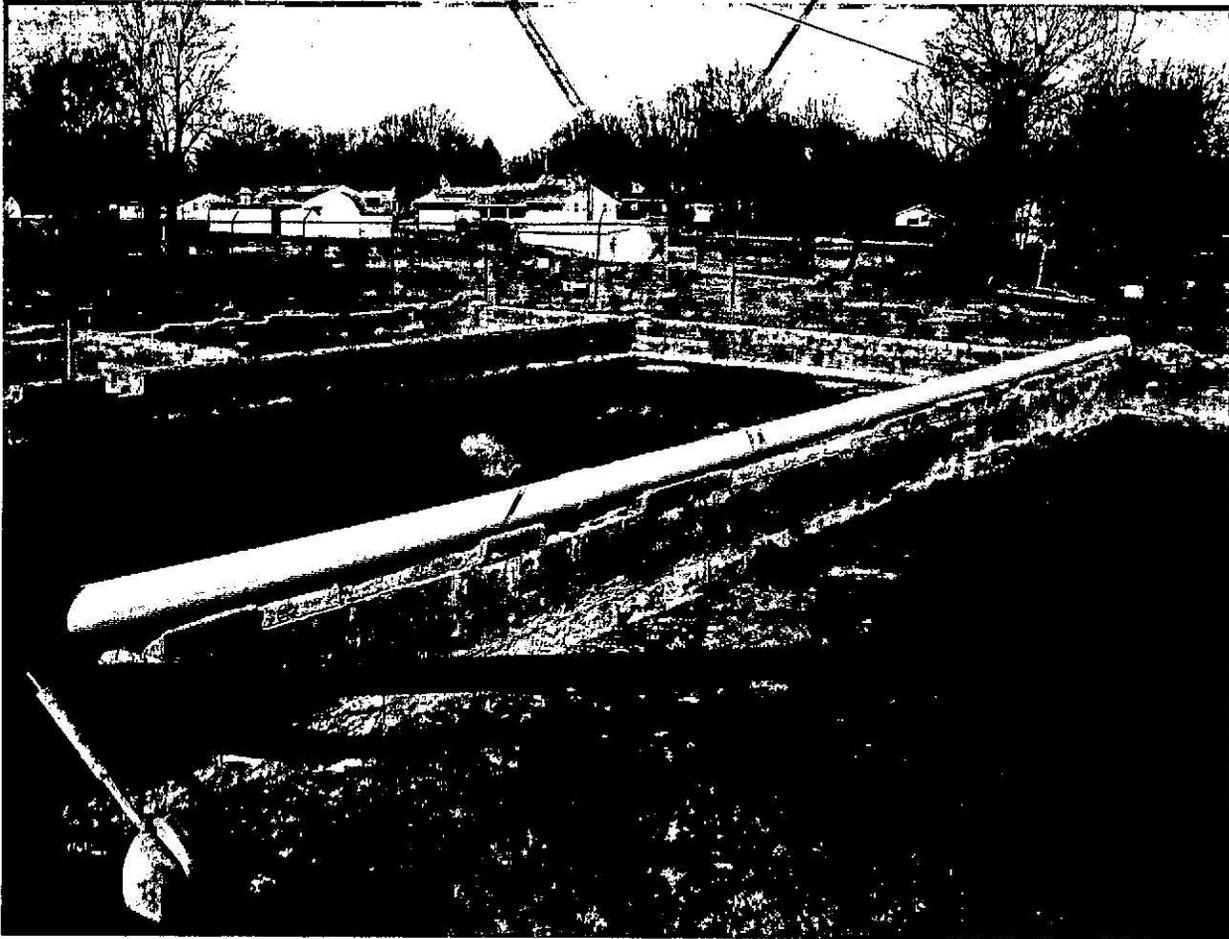
SECTION A: NATIONAL DATA SYSTEM CODING					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
4GS00014	OHS000003	2/15/2011	R	M	1

SECTION B: FACILITY DATA		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Holton Park WWTP Rocky Creek Dr. Columbus, OH 43123	12:15 PM	4/1/2010
	Exit Time	Permit Expiration Date
	12:40 PM	12/31/2014
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Charles McFarland, Operator of Record Ted Abbott, Operator	(614) 525-3747	
Name and Title of Responsible Official	Phone Number	
Stephen Renner, Director, Franklin County Sanitary Engineers 280 East Broad St. Room 201 Columbus, Ohio 43215	(614) 525-3940	

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	Permit	
S	Records/Reports	
S	Operations & Maintenance	
U	Facility Site Review	The walls are deteriorating and some of the supports are no longer in place.
N	Collection System	
S	Flow Measurement	
S	Laboratory	
S*	Effluent/Receiving Waters	There have been two months of violations since October 2008.
S	Sludge Storage/Disposal	
N	Pretreatment	
N	Compliance Schedule	
S	Self-Monitoring Program	

Signatures			
	3-11-11		3-7-11
Cole Miller, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date

Century Acres Flows Jan 1 2009 - Feb 1 2011		
	Flow (gpd)	Date
Highest Flow Rate	29400	7/10/2010
Second Highest Flow Rate	29000	1/25/2010
Average since Jan. 2009	13980	



General

The sewage treatment plant serving the Holton Park subdivision consists of an influent lift station, a small bar trough, aeration tank, clarifier, a grit chamber for polishing, and ultra-violet disinfection. There are also rapid sand filters but they are offline. The sewage plant is designed for 10,000 gallons per day. The facility currently operates under a general NPDES permit but previously they operated under 4PG00050.

1. At the time of the inspection, the following general observations were made with the operation and maintenance of the plant:
 - a. There was no permanent marker at the outfall. The permit required the marker to be posted by August 1, 2010. **Please respond with a schedule of posting the sign.**
 - b. There is a visual alarm for the lift station. Although the community served by the WWTP is on well water, it might be beneficial to have a dialer or a type of wireless alarm on the plant. **Please comment on the feasibility of obtaining a dialer alarm.**
 - c. The blowers are constantly on.
 - d. The operator maintains a log book which includes observations.
2. The attached table contains a list of NPDES permit violations for the time period between October 2008 and February 2011. This office does not have responses to the violations. The second table summarizes flow between October 1, 2008, and February 1, 2011. The facility will likely benefit from I&I work.
3. The effluent from the outfall looked clear and there were no noticeable solids deposited.
4. The plant is deteriorated. Most of the cross supports of the aeration tank are no longer in place; the steel is flaking; the rapid sand filters are no longer working; the building which houses the rapid sand filters appears to have poor access to maintain the tanks housed within it. However, as with Taylor Estates, the WWTP will be replaced soon and, therefore, professional judgment should be used to maintain the plant

Holton Park Effluent Violations Since October, 2008					
Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2009	Total Suspended Solids	30D Conc	12	36.	8/1/2009
August 2009	Total Suspended Solids	7D Conc	18	36.	8/8/2009
June 2009	Fecal Coliform	30D Conc	1000	7000.	6/1/2009
June 2009	Fecal Coliform	7D Conc	2000	7000.	6/8/2009

Holton Park Flows Oct 1 2008 - Feb 1 2011		
	Flow (gpd)	Date
Highest Flow Rate	48000	8/30/2009
Second Highest Flow Rate	33600	12/25/2009
Average since Jan. 2009	8720	