



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

October 24, 2012

Walton Creek Condo Association  
 Attn: Ms. Kate Pahls  
 P.O. Box 43430  
 Cincinnati, OH 45243

**RE: Walton Creek Condo Association WWTW/ CEI Report  
 NPDES Permit No. OH0096768/OEPA PERMIT NO. 1PW00025\*ED**

Dear Ms. Pahls:

On October 11, 2012, I conducted an NPDES Compliance Evaluation Inspection at the Walton Creek Condo Association Wastewater Treatment Works (WWTW). Mr. Sean Sears, Beckman Environmental, Operator of Record for the facility, was present during the inspection. The purpose of the inspection was to evaluate the Village's compliance with the NPDES (discharge) permit.

Items Noted During the Inspection:

A review of the Walton Creek Condo Association discharge monitoring reports (DMRs) from January 2012 through August 2012, revealed one NPDES effluent limit violation:

7D = Weekly 30D = Monthly 1D = Daily  
 Conc. = Concentration (cfu/100 ml) Qty.= Quantity (Kg/Day)

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value
July 2012	001	E. coli	30D Conc	161	240.

Ohio EPA did not receive a self-notification report for the cause(s)/remedial steps for the above-referenced violation. Please submit the following form, via hard copy or electronic mail, to the Ohio EPA Southwest District Office whenever a violation is reported on the DMRs:  
[http://epa.ohio.gov/portals/35/permits/24-hour-reporting\\_Form4499\\_limits.doc](http://epa.ohio.gov/portals/35/permits/24-hour-reporting_Form4499_limits.doc)

During an inspection conducted by Ms. Michelle Waller of this office, on February 11, 2012, the following deficiency was noted:

"...it was noted that the sand in the slow surface sand filters appear low and in need of replacement. According to guidance document "Sewage: Collection, Treatment & Disposal Where Public Sewers Are Not Available (Greenbook) (1993)", 18 inches of approved filter sand should be in each bed..."

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To date, the sand filters remain low on the amount of sand required for consistent, effective removal of solids. Even though the DMRs do not reveal suspended solids violations, it is expected that Walton Creek Condo Association take a proactive approach in "preventing" violations before they occur by supply the sand filters with specified amount and type of sand. Ohio EPA recognizes that there are logistical challenges in transferring the sand from the delivery truck to the filter beds due to steep terrain and the protective shelter surrounding the WWTW. With that said, Ohio EPA does not see any reason why this work could not be completed in a reasonable time.

**Walton Creek Condo Association must supply filter sand, as specified by Ohio EPA's Greenbook, to the slow surface sand filters by no later than December 15, 2012.**

After reviewing the Cincinnati Area GIS system, it appears that public sanitary sewers are within 150 feet of the outfall sewer for Walton Creek Condos. Preliminary discussions with Andrew Storer (Metropolitan Sewer District of Cincinnati or MSDGC) have revealed that there are county culverts between the private sewer and MSDGC's public sewer. With that said, he believes that a gravity connector line can be run underneath the culverts.

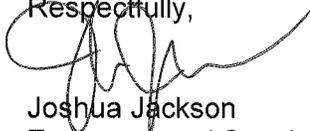
Ohio Administrative Code 3745-33-08(C) states:

*"Notwithstanding the issuance or non-issuance of an NPDES permit to a semi-public disposal system (WWTW with an average daily design flow <25,000 gallons/day), whenever the sewage system of a publicly owned treatment works becomes available and accessible, the permittee operating any semi-public disposal system shall abandon the semi-public disposal system and connect it into the publicly owned treatment works."*

**Since public sewers are available and accessible to the Walton Creek Condo Association, the facility must contact Andrew Storer with MSDGC (513-244-1393) to inquire about the steps needed for connection to the MSDGC sewer system. Final sewer connection must be made and the current WWTW must be properly abandoned by no later than August 1, 2013.**

Thank you and your staff for the time extended during the inspection process. If you have any questions, please feel free to contact me by phone at (937) 285-6342 or by e-mail at [joshua.jackson@epa.state.oh.us](mailto:joshua.jackson@epa.state.oh.us).

Respectfully,



Joshua Jackson  
Environmental Specialist II  
Division of Surface Water

JJ/bjc

cc: Sean Sears, Beckman Environmental  
John Beckman, Beckman Environmental  
Andrew Storer, MSDGC

Enclosures



**Environmental  
Protection Agency**

John R. Kasich, Governor  
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Division of Surface Water-Southwest District Office

**NPDES Compliance Inspection Report**

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PW00025*ED	OH0096768	10/9/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Walton Creek Condo Assoc. WWTW 7447 Muchmore Close Street Cincinnati, Hamilton County	10:15 a.m.	7/1/2012
	Exit Time	Permit Expiration Date
		6/30/2017
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
None.		
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Sean Sears (Beckman Environmental)	513-382-1454 (cell)	
Name, Address and Title of Responsible Official	Phone Number	
Kate Pahls Walton Creek Condo Association P. O. Box 43430 Cincinnati, Ohio 45243	513-910-0215	

Ohio EPA Inspector		Ohio EPA Reviewer	
Joshua Jackson	Date	Martyn Burt	Date
Division of Surface Water Southwest District Office		Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office	

Permit # : 1PW00025\*ED  
 NPDES #: OH0096768

Average Daily Design Flow:	<b>10,000 Gallons/Day</b>
Plant Serves:	Residential condominiums
Average Daily Flow: (Period of Review):	<b>3,471 Gallons/Day (January - August 2012)</b>
Method of flow monitoring:	<b>Elapsed time meters (sand filter dosing pumps) – telemetry to Beckman Env.</b>
Type of alarms for plant:	<b>telemetry - notification of pump/blower failure and high level alarms</b>

**Pretreatment**

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

**Comments/Status:**

Trash trap was pumped in April 2012. According to Mr. Sears, the trash trap will be pumped out again in December.  
 An equalization tank pump was clogged at the time of the inspection. Mr. Sears stated that he would remedy the problem once the inspection was completed.

**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	<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: **Cloudy**  
 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:**

The clarifier was turbid and the water level was down because Mr. Sears had scraped the clarifier walls and wasted sludge to the sludge holding tank prior to the inspection.

**Tertiary Treatment**

	Yes	No		Yes	No
Surface sand Filters: <b>Slow</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Subsurface</b>	<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 type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UV present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Overall maintenance of components is: **Good**

**Comments/Status:**

One of the two UV modules was not operating. Mr. Sears was planning on taking the system down at the end of October (end of recreation season), pull the UV bulbs and have the ballast repaired.

**Sludge Handling/Storage Disposal**

Hauler name: **AK Butler**  
 Disposal Site: **MSDGC Mill Creek WWTW (Gest Street, Cincinatti).**  
 Sludge wasted from: **Clarifier**  
 How often is sludge wasted: **Nearly every site visit**  
 Sludge drying beds: **No**                      Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

**Comments/Status:**

**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..... N
- (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.
- (i) Log book kept onsite (in an area protected from weather)..... Y
- (j) Log book contains the following:
  - I. Identification of treatment works..... Y
  - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7..... Y
    - i. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.)..... Y
    - ii. Laboratory results (unless documented on bench sheets)... N
    - iii. 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

**Comments/Status:**

**Plant Discharge**

Discharge point is a: **Storm Sewer**  
Name of discharge point: **Walton Creek**  
Discharge is visible: **No**                      Quality of Effluent: **Other**

**Comments/Status:**

Discharge to the creek was not located.