



**Environmental
Protection Agency**

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



1PX0006420091002

HAMILTON RIVERS EDGE COMMERCE PARK WWTP OSIKA, MARY 2009/10/02



State of Ohio Environmental Protection Agency

Southwest District Office

401 East Fifth Street
Dayton, Ohio 45402-2911

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

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

October 1, 2009

Rakesh Ram
4D Development Company Cincinnati LLC
6700 Ruwes Oak Drive
Cincinnati, Ohio 45248

RE: Rivers Edge Commerce Park
NPDES Permit 1PX00064*AD
Compliance Evaluation Inspection

Dear Mr. Ram,

On September 30, 2009, Ned Sarle and I inspected the wastewater treatment plant at 5357 State Route 128 in Whitewater Township. Attached is a copy of my inspection report, notice of violation and summary of findings/comments.

All areas were rated as satisfactory with the exception of facility site review which was rated as marginal due to the issues noted in the summary of findings/comments. Please submit a response to the site conditions/safety issues by October 16, 2009. If you have any questions about this inspection, you may contact me at (937) 285-6101.

Sincerely,

Mary Osika
Environmental Specialist
Division of Surface Water

cc: C. Hungler, Perfect A Waste





Summary of Findings/Comments

Facility Site Review - We noted that there is drainage running from the hillside development through the area of the treatment plant. Because of the open tanks with no grating present, there were hazards present with uneven ground, mud, drainage water, that are safety concerns. Some of the mud from the hillside drainage looked like it was flowing into the upflow filters tank.

We recommend that the owner re-route drainage from the hillside around the treatment plant and address the possible safety issues of having open tanks and rough ground surfaces. More hand/guard rails may be warranted to prevent someone from falling into the tanks.





Ohio Environmental Protection Agency

NPDES COMPLIANCE INSPECTION REPORT**Section A: National Data System Coding**

Permit Number	NPDES Number	Inspection Date (dd/mm/yy)	Inspection Type	Inspector	Facility Type
1PX00064*AD	OH0137715	9/30/2009	Compliance	State	Semi-public

Section B: Facility Data

Name and Location of Facility Inspected:	Entry Time	Permit Effective Date
Rivers Edge Commerce Park 5357 State Route 128, Cincinnati, Ohio	12:00 pm	Oct. 1, 2007
	Exit Time	Permit Expiration Date
	12:15 pm	Sept. 30, 2012
Name(s) and Titles of On-Site Representative(s)	Phone Number(s)	
No one present at site		
Name, Title and Address of Responsible Official:	Phone Number	
Rakesh Ram 4D Development Company Cincinnati LLC 6700 Ruwes Oak Drive Cincinnati, Ohio 45248	(513) 922-9400	

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, NA = Not Applicable)

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

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

See attached summary sheet.

Name and Signature of Inspector(s)	Agency / Office / Telephone	Date
Mary Osika	Ohio EPA / Southwest District Office / (937) 285- 6101	10/1/09
Name and Signature of Reviewer	Agency / Office / Telephone	Date
Martyn Burt	Ohio EPA / Southwest District Office / (937) 285- 6034	10/2/09

NPDES Compliance Inspection Report
Semi-Public Sewage Disposal Inspection Form

Average Daily Design Flow:	20,000 Gallons/Day
Plant Serves:	indoor soccer facility
Average Daily Flow: (Period of Review):	< 100 Gallons/Day (1/1/2009-9/1/2009)
Method of flow monitoring:	estimate by dosing pump on sand filter
Type of alarms for plant:	Visual, audio

Pretreatment

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

Comments/Status:

EQ tank aerated – green color

**Secondary Treatment
(Aeration)**

Color of sludge: **Medium 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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: 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 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 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: **Excellent**

Comments/Status:

Sludge Handling/Storage Disposal

Hauler name: unknown
 Disposal Site: MSD
 Sludge wasted from: sludge holding
 How often is sludge wasted: not yet
 Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Excellent**

Comments/Status:



Plant Discharge

Discharge point is a: **Ditch**
Name of discharge point: **Great Miami River**
Discharge is visible: **No** Quality of Effluent: **Clear**

Comments/Status:



**NOTICE OF VIOLATION
EFFLUENT LIMIT VIOLATIONS
(Period of Review: 1/1/2009-9/1/2009)**

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

<u>Month Reported</u>	<u>Parameter</u>	<u>Frequency / Units</u>	<u>Limit</u>	<u>Value</u>
August 2009	Nitrogen, Ammonia (NH3)	30 D Conc	1.0 mg/l	1.1 mg/l

