

Ohio

**Environmental
Protection Agency**

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



1PZ0004120090714

CLINTON

MCDONALDS RESTAURANT

WARE, RONALD

2009/07/14



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 Korteski, Director

July 14, 2009

McDonald's Restaurant
Attn: Ed Wernet, Owner
5843 State Route 68 North
Wilmington, Ohio 45177

**Re: McDonald's Restaurant, 5843 U.S. Rte. 68, Clinton County
Reconnaissance Inspection**

Dear Mr. Wernet:

On Friday, July 10, 2009, I conducted a Reconnaissance Inspection of the wastewater treatment plant that serves the above referenced facility in Liberty Township, Clinton County (NPDES Permit No. 1PZ00041, OH0109096). Harry McVey, the contract operator for this facility, was present during the inspection. The purpose of this inspection was to evaluate plant operation and performance. A copy of the inspection report is enclosed.

Over the past year there have been some violations of the final effluent limitations in this facility's NPDES permit (see attachment to the inspection report). Cold temperatures and interference from cleaning agents used in the restaurant were cited as the reasons for these violations.

According to Mr. McVey, new air supply piping will be installed in the aeration tank in the near future. Mr. McVey also indicated that the sand filters frequently have a "flooding" problem. He pointed out that the filter sand might not have met the correct sizing criteria when it was replaced years ago. We recommend that the filter sand be replaced in order to eliminate the aforementioned "flooding" problem.

Please keep this office informed about further improvements to the wastewater treatment plant for this facility. If you have any questions regarding this report, please contact me at (937) 285-6098.

Sincerely,

Ron Ware
Ohio EPA - Division of Surface Water
Southwest District Office

cc: Stan Bolka and Harry McVey, City of Wilmington
ec: Clinton County Health District

RW/plh

OHIO ENVIRONMENTAL PROTECTION AGENCY SWDO
SEMI-PUBLIC SEWAGE DISPOSAL INSPECTION FORM

NPDES No. 1PZ00041*CD Appl. No. OH0109096 Expiration Date 12/31/2009

INSPECTOR Ron Ware DATE 7/10/2009 Time 10:45 A.M

FACILITY NAME McDonald's Restaurant
ADDRESS 5843 U. S. Route 68
COUNTY Clinton
FLOW DESIGN 10,000 gpd
OPERATING FLOW 2,400 gpd
PLANT OPERATING YES NO

OWNER NAME McDonald's Corporation
ADDRESS 635 Brooksedge Blvd.
Columbus, OH 43081
PHONE NO. (614) 891 - 3800
OPERATOR Harry McVey
(937) 302 - 0742

PRETREATMENT

Comminutor Bar Screen Trash Trap Grease Trap None Other Comments: Trash trap reportly pumped
Does Trash Trap need pumped? Yes No Unknown 1/month
Maintenance of pretreatment components is Excellent Good Fair Poor

SECONDARY TREATMENT

AERATION

COLOR OF SLUDGE: Black Gray Light Brown Dark Brown Other
QUALITY OF SLUDGE: Heavy Medium Thin Foamy Odorous (Strong Slight)
YES NO YES NO Comments: _____
 _____ Aeration is taking place _____ Plant is septic
 _____ Are blowers operating _____ Plant is on timer
 _____ Skimmers are operating _____ Is there excess foam
 _____ Are diffusers operating _____ Is the plant flooded
 _____ Is sludge return operating _____ Grating is present Condition: _____
Maintenance of aeration components is Excellent Good Fair Poor

SETTLING

CLARITY: Clear Cloudy Solids Present Comments: _____
CONDITION OF WEIR: Clear Excessive Algae/Solids Build-up Level
EFFLUENT IN WEIR: Clear Light Solids Heavy Solids Other
DOES CHAMBER NEED SCRAPED: Yes No Unknown
Maintenance of settling components is Excellent Good Fair Poor

TERTIARY TREATMENT

FILTERS

YES	NO	YES	NO	Comments:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Disinfection units available</u> <u>Disinfection not needed due to</u> <u>filters and large amounts of</u> <u>disinfectants used in restaurant</u> Type: <u>Tablet</u> Type: _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Maintenance of settling components is Excellent Good Fair Poor

SLUDGE HANDLING/STORAGE/DISPOSAL

Hauler Name Neal's Septic YES NO Comments: _____
Disposal Site Wilmington WWTP Sludge drying beds
Solids wasted from Aeration tank Sludge holding tank
How often solids wasted as needed
Maintenance of sludge handling components is Excellent Good Fair Poor

PLANT DISCHARGE

DISCHARGE POINT

Pond Stream Storm Sewer Leach trench Ditch Ravine Catch Basin Unknown Other (drainage tile)
Name of receiving point Unnamed tributary of Anderson Fork
Is discharge visible: Yes No
Quality of Effluent: Clear Cloudy Gray Black Other Effect on receiving point No adverse affect

PLANT MAY NOT BE OPERATING PROPERLY DUE TO: Hydraulic overload Organic overload Solids overload Hydraulic underload
Organic underload Inadequate Maintenance Equipment failure Inexperienced operator Insufficient wasting
Comment: _____

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
1PZ00041*CD	June 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	2.33	6/1/2008
1PZ00041*CD	June 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.58	6/22/2008
1PZ00041*CD	December 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.83	12/29/2008
1PZ00041*CD	January 2009	001	80082	CBOD 5 day	30D Conc	10	10.8	1/1/2009