



**Environmental  
Protection Agency**

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



\*1PT0009320080812\*

WARREN

MIDWESTERN CHILDRENS HOME

WARE, RONALD

2008/08/12



State of Ohio Environmental Protection Agency

**Southwest District Office**

401 E. Fifth St.  
Dayton, Ohio 45402

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www.epa.state.oh.us

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

August 12, 2008

Barry Boverie, Administrator  
Mid-Western Children's Home  
4585 Long Spurling Road, P.O. Box 48  
Pleasant Plain, Ohio 45162

**Re: Mid-Western Children's Home, Reconnaissance Inspection**

Dear Mr. Boverie:

On August 7, 2008, I conducted a Reconnaissance Inspection of the wastewater treatment plant that serves the above entity. In addition to yourself, Andy Anderson with Winelco, Inc. 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.

This wastewater treatment plant has had violations of the final effluent limitations in its NPDES permit (mostly for dissolved oxygen and ammonia nitrogen) over the past eighteen months. Both you and Mr. Anderson indicated during my inspection that there is a significant infiltration and inflow problem in the collection system for this treatment plant which makes it difficult to effectively operate the treatment plant. Mr. Anderson also noted that the final effluent violations for dissolved oxygen could be the result of improper measurement techniques.

All components of the treatment plant appeared to be operational at the time of the inspection. No response or corrective action is required at this time. However, we strongly recommend that your organization continue its efforts to locate and correct sources of infiltration and inflow in the collection system for this treatment plant.

If you have any questions, you can reach me in this office at (937) 285-6098.

Sincerely,

Ron Ware  
Division of Surface Water  
c: Andy Anderson, Winelco, Inc.  
RW/mab



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

NPDES No. 1PT00093\*BD Appl. No. OH0127116 Expiration Date 2/28/2010

INSPECTOR Ron Ware DATE 08/07/2008 Time 10:15 A.M.

FACILITY NAME Midwestern Children's Home  
ADDRESS 4581 Long Spurling Road  
COUNTY Warren  
FLOW DESIGN 16,000 gpd  
OPERATING FLOW ~ 30,000 gpd (current avg. for 2008)  
PLANT OPERATING YES x NO     

OWNER NAME Midwestern Children's Home  
ADDRESS P.O. Box 48  
Pleasant Plain, OH 45162  
PHONE NO. (513) 877 - 2141  
OPERATOR Andy Anderson, Winelco  
(513) 755 - 8050

PRETREATMENT

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

SECONDARY TREATMENT

AERATION

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

SETTLING

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

TERTIARY TREATMENT

FILTERS

YES NO YES NO Comments:       
x      Sand filters (Slow Rapid)      x Subsurface Upflow       
x      Distribution box operating      x Beds alternated       
     x Are filters ponding/flooding      x Beds being raked       
     x Sand filters overgrown      x Chlorination present       
     x UV present      x Dechlor present Type:       
Type:     

Maintenance of settling components is Excellent      Good x Fair      Poor     

SLUDGE HANDLING/STORAGE/DISPOSAL

Hauler Name Winelco, Inc. YES NO Comments:       
Disposal Site Warren Co - LLM WWTP      x Sludge drying beds       
Solids wasted from Clarifier      x Sludge holding tank       
How often solids wasted as needed  
Maintenance of sludge handling components is Excellent      Good x Fair      Poor     

PLANT DISCHARGE

DISCHARGE POINT

Pond      Stream x Storm Sewer      Leach trench      Ditch      Ravine      Catch Basin      Unknown      Other       
Name of receiving point Stony Run Creek  
Is discharge visible: Yes x No       
Quality of Effluent: Clear x Cloudy      Gray      Black      Other      Effect on receiving point Nothing adverse

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

Permit No	Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
1PT00093*BD	Jan. 2007	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.	1/1/2007
1PT00093*BD	Jan. 2007	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	5.	1/1/2007
1PT00093*BD	Jan. 2007	001	Nitrogen, Ammonia (NH3	30D Qty	.18	.25927	1/1/2007
1PT00093*BD	Jan. 2007	001	Dissolved Oxygen	1D Conc	6.0	5.	1/2/2007
1PT00093*BD	Jan. 2007	001	Dissolved Oxygen	1D Conc	6.0	2.4	1/4/2007
1PT00093*BD	Jan. 2007	001	Dissolved Oxygen	1D Conc	6.0	5.	1/15/2007
1PT00093*BD	Jan. 2007	001	Dissolved Oxygen	1D Conc	6.0	5.	1/22/2007
1PT00093*BD	Feb. 2007	001	Dissolved Oxygen	1D Conc	6.0	5.7	2/1/2007
1PT00093*BD	Feb. 2007	001	Dissolved Oxygen	1D Conc	6.0	5.	2/26/2007
1PT00093*BD	March 2007	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	3.4	3/1/2007
1PT00093*BD	March 2007	001	Dissolved Oxygen	1D Conc	6.0	.08	3/1/2007
1PT00093*BD	Sept. 2007	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.1	9/1/2007
1PT00093*BD	Sept. 2007	001	Dissolved Oxygen	1D Conc	6.0	3.	9/5/2007
1PT00093*BD	Oct. 2007	001	Chlorine, Total Residu	1D Conc	.038	.28	10/4/2007
1PT00093*BD	Jan. 2008	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	10.	1/1/2008
1PT00093*BD	Jan. 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	10.	1/22/2008
1PT00093*BD	Jan. 2008	001	Nitrogen, Ammonia (NH3	30D Qty	.18	.25927	1/1/2008
1PT00093*BD	Feb. 2008	001	Nitrogen, Ammonia (NH3	30D Qty	.18	.27889	2/1/2008
1PT00093*BD	Feb. 2008	001	Nitrogen, Ammonia (NH3	7D Qty	.27	.27889	2/1/2008
1PT00093*BD	Feb. 2008	001	Dissolved Oxygen	1D Conc	6.0	4.6	2/7/2008
1PT00093*BD	March 2008	001	Total Suspended Solids	30D Qty	.73	.86536	3/1/2008
1PT00093*BD	March 2008	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	3.2	3/1/2008
1PT00093*BD	March 2008	001	Nitrogen, Ammonia (NH3	30D Qty	.18	.46153	3/1/2008
1PT00093*BD	March 2008	001	Nitrogen, Ammonia (NH3	7D Qty	.27	.46153	3/1/2008
1PT00093*BD	March 2008	001	Dissolved Oxygen	1D Conc	6.0	1.8	3/6/2008
1PT00093*BD	April 2008	001	Total Suspended Solids	30D Qty	.73	1.43141	4/1/2008
1PT00093*BD	April 2008	001	Total Suspended Solids	7D Qty	1.1	1.43141	4/1/2008
1PT00093*BD	April 2008	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.6	4/1/2008
1PT00093*BD	April 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	5.6	4/1/2008
1PT00093*BD	April 2008	001	Nitrogen, Ammonia (NH3	30D Qty	.18	.80159	4/1/2008
1PT00093*BD	April 2008	001	Nitrogen, Ammonia (NH3	7D Qty	.27	.80159	4/1/2008
1PT00093*BD	April 2008	001	CBOD 5 day	30D Qty	.61	.68708	4/1/2008
1PT00093*BD	April 2008	001	Dissolved Oxygen	1D Conc	6.0	2.	4/3/2008
1PT00093*BD	May 2008	001	Dissolved Oxygen	1D Conc	6.0	2.5	5/15/2008
1PT00093*BD	May 2008	001	Dissolved Oxygen	1D Conc	6.0	3.6	5/19/2008
1PT00093*BD	May 2008	001	Dissolved Oxygen	1D Conc	6.0	4.2	5/27/2008
1PT00093*BD	June 2008	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	12.	6/1/2008
1PT00093*BD	June 2008	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	12.	6/15/2008
1PT00093*BD	June 2008	001	Nitrogen, Ammonia (NH3	30D Qty	.06	.47173	6/1/2008
1PT00093*BD	June 2008	001	Nitrogen, Ammonia (NH3	7D Qty	.09	.47173	6/15/2008
1PT00093*BD	June 2008	001	Chlorine, Total Residu	1D Conc	.038	.06	6/2/2008
1PT00093*BD	June 2008	001	Chlorine, Total Residu	1D Conc	.038	.28	6/16/2008
1PT00093*BD	June 2008	001	Chlorine, Total Residu	1D Conc	.038	.55	6/19/2008
1PT00093*BD	June 2008	001	Dissolved Oxygen	1D Conc	6.0	2.4	6/2/2008
1PT00093*BD	June 2008	001	Dissolved Oxygen	1D Conc	6.0	2.4	6/9/2008
1PT00093*BD	June 2008	001	Dissolved Oxygen	1D Conc	6.0	1.6	6/16/2008
1PT00093*BD	June 2008	001	Dissolved Oxygen	1D Conc	6.0	1.3	6/19/2008
1PT00093*BD	June 2008	001	Dissolved Oxygen	1D Conc	6.0	2.6	6/23/2008