



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

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

Re: Marion County
Waldo Dutchess Convenience
NPDES Permit

March 24, 2010

Mr. John Gordon, VP
Waldo Dutchess Convenience
262 North Marion Street
Waldo, OH 43356

Dear Mr. Gordon:

On March 11, 2010, a compliance inspection was conducted at the wastewater treatment facilities serving Waldo Dutchess convenience. The facility is located at 262 North Marion Street in the Village of Waldo. This inspection was conducted as part of the renewal process for the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PR00062.

At the time of the inspection, the sewage treatment facility was in operation and no discharge was noted. The mixed liquor in the aeration tank appeared brown with good roll. Currently, the treatment plant is operating well under the hydraulic design of the system.

We are in the process of renewing your existing NPDES permit which will expire on September 30, 2010. In the event that you do not receive your renewed NPDES permit by September 30, 2010, please continue to operate your facility per your expired permit.

Our review of your discharge monitoring reports (1/2009 to 2/2010) for this facility indicated some effluent and frequency violations. Please refer to the enclosed violation tables. A completed inspection report is also included for your records. Should you have any questions, please contact me at 419-373-3021.

Yours truly,



Jason Ko
Division of Surface Water

/lb

Enclosures

pc: Marion County Health Department
NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00062

Facility Name: Waldo Dutchess Convenience Expiration Date: 9/30/2010
 Facility Address: 262 N. Marion Street Date: 3/11/2010 Time: 10:30 am
 City: Waldo County: Marion Township: Waldo
 Name and Address of Owner: Englefield Oil Company, 262 N. Marion Street, Waldo, Ohio
 Person Contacted: Tom Parkman, Plant Operator Owner Phone: (740) 928-8215
 Flow Design: 1600 GPD Present 500 GPD (estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 50°F
 OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Unnamed tributary to Olentangy River -- not observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent _____ good X fair _____ poor operation
 b. Plant has _____ excellent _____ good X fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good X fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids underload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)

IN	OUT	
_____	<u>X</u>	Chlorination Tablets
_____	<u>X</u>	Dechlorination Tablets
_____	_____	U.V

- | | | | | | |
|-------------|----------|-----------------------------------|------------------------------|--|-----------------------------|
| Yes | No | | Yes | No | Parameters: |
| 4. _____ | <u>X</u> | Compliance with NPDES Permit | Periodic Violations <u>X</u> | _____ | <u>see violation tables</u> |
| 5. <u>X</u> | _____ | Adequate Plant Safety | Chronic Violation _____ | _____ | _____ |
| 6. <u>X</u> | _____ | Operation and Maintenance Service | Name : | <u>TCCI Lab Environmental Services</u> | |

Frequency of Visits Daily

Facility Name: Waldo Dutchess Convenience

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 2/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <u>X</u> <u>Y</u> <u>N</u> Motor/ Blower Unit	Cycle Time: ¼ hr ON & ¾ hr OFF (winter) ½ hr ON & ½ hr OFF (Summer)
Secondary Treatment	1	Aeration Tank	Color: Brown; hydraulic underloaded Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u>
Final Settling	1	Clarifier	Overflow weir needs to be cleaned
	1	Sludge Return	In <u>X</u> Out
	1	Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	1 filter is out to be cleaned
		Polishing Pond	
		Other	
Disinfection	OUT	Chlorine Tube Feeder	
	OUT	Dechlorination Tube Feeder	PTI approval granted on 6/13/2008
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Recorder (continuous total)	Water Meter
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00062*CD	December 2009	001	00530	Total Suspended Solids	30D Conc	12	48.	12/1/2009
2PR00062*CD	December 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	5.226	12/1/2009
2PR00062*CD	December 2009	001	00530	Total Suspended Solids	1D Conc	18	32.	12/9/2009
2PR00062*CD	December 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	14.3	12/9/2009
2PR00062*CD	December 2009	001	00530	Total Suspended Solids	1D Conc	18	58.	12/23/2009
2PR00062*CD	December 2009	001	00530	Total Suspended Solids	1D Conc	18	54.	12/28/2009

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
2PR00062*CD	August 2009	001	00530	Total Suspended Solids	1/Quarter	1	0	08/01/2009
2PR00062*CD	August 2009	001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	08/01/2009
2PR00062*CD	August 2009	001	31616	Fecal Coliform	1/Quarter	1	0	08/01/2009
2PR00062*CD	August 2009	001	80082	CBOD 5 day	1/Quarter	1	0	08/01/2009
2PR00062*CD	August 2009	001	50060	Chlorine, Total Residu	1/Quarter	1	0	08/01/2009
2PR00062*CD	August 2009	001	00400	pH	1/Quarter	1	0	08/01/2009
2PR00062*CD	August 2009	001	00300	Dissolved Oxygen	1/Quarter	1	0	08/01/2009