



**Environmental  
Protection Agency**

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

Re: Richland County  
42 Motel  
NPDES Permit

April 17, 2012

Mr. Mitesh Patidar  
42 Motel  
2444 Lexington Avenue  
Lexington, Ohio 44907

Dear Mr. Patidar:

On March 21, 2012, an inspection was made of the wastewater treatment facilities serving the 42 Motel located at 2444 Lexington Avenue, Lexington, Richland County.

Only one aeration blower was present at the treatment plant. A second blower and motor should be purchased and installed. The need for this was mentioned during our previous inspection on January 20, 2011. A large amount of solids were evident in the chlorine contact tank. The solids in this tank should either be pumped out for disposal, or pumped and returned to the aeration tank for further treatment.

The operators' log should contain the previous three months' worth of data; only the month of March information was present. The need to keep three months of data with the log was mentioned during our previous inspection as well.

A review of the discharge monitoring reports submitted to our office for January 2011 through February 2012 revealed several violations of the limits in your NPDES permit. A printout of the violations is included for your reference. It was noted that samples for CBOD, TSS, and Ammonia were not collected in January 2012. These samples are required to be collected and analyzed every other month, on the odd numbered months. In the future, if a monthly sample is missed, it should be collected the following month.

Sincerely,

Walter Ariss, P.E.  
Environmental Specialist II  
Division of Surface Water

/jlm

Enclosure

pc: Lonnie McGhee, McGhee's TWSI  
ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION  
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2P000219

Facility Name 42 Motel Expiration Date 11/30/2014

Facility Address 2444 Lexington Ave Date 8/21/12 Time 2:00 am  pm

City Lexington County Richland Township \_\_\_\_\_

Name and Address of Owner Mitesh Patidar

Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_

Flow: Design 2,500 GPD Present 1000-2000 GPD (metered -  estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 70° sun

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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 trib Clear Fork Mohican

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has \_\_\_\_\_ excellent  good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has \_\_\_\_\_ excellent  good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have \_\_\_\_\_ excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 d. Not operating at expected efficiency due to:

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

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

IN	OUT	
_____	<input checked="" type="checkbox"/>	Chlorination Tablets
_____	_____	Dechlorination Tablets
_____	_____	U.V.

Yes No

4.  Compliance with NPDES Permit

Periodic Violations  Y \_\_\_\_\_ N \_\_\_\_\_ Parameters: Ammonia, TSS

Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 2/week

Facility Name: 42 Motel

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer ___ Y <input checked="" type="checkbox"/> N Motor/ Blower Unit <i>running</i>	Cycle Time: <i>still need to purchase backup blower + motor</i>
Secondary Treatment	X	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N ___
Final Settling	X	Clarifier	<i>good clarity - sludge blanket very high - need to pump solids</i>
	X	Sludge Return	In <input checked="" type="checkbox"/> Out ___
	X	Surface Skimmer	In ___ Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment <i>none</i>		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	X	Chlorine Tube Feeder	<i>alot of solids in chlorine tank - should pump solids out</i>
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering?		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps <i>none</i>		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling <i>none</i>		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment <i>none</i>		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data		42 Motel NPDES permit limit violations January 2011 through February 2012						
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00219*AD	March 2011	001	00530	Total Suspended Solids	30D Conc	12.0	28.	3/1/2011
2PR00219*AD	March 2011	001	00530	Total Suspended Solids	30D Qty	0.114	.17487	3/1/2011
2PR00219*AD	March 2011	001	00530	Total Suspended Solids	1D Conc	18.0	28.	3/14/2011
2PR00219*AD	March 2011	001	00530	Total Suspended Solids	1D Qty	0.171	.18017	3/14/2011
2PR00219*AD	March 2011	001	00530	Total Suspended Solids	1D Conc	18.0	28.	3/22/2011
2PR00219*AD	June 2011	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	6/1/2011
2PR00219*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.17	7/1/2011
2PR00219*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.0094	.0204	7/1/2011
2PR00219*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	7/1/2011
2PR00219*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	7/6/2011
2PR00219*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.7	7/13/2011
2PR00219*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	3.17	7/15/2011
2PR00219*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.0142	.0204	7/15/2011
2PR00219*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	7/20/2011
2PR00219*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	7/26/2011
2PR00219*AD	September 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.18	9/1/2011
2PR00219*AD	September 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.0094	.01733	9/1/2011
2PR00219*AD	September 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.18	9/21/2011
2PR00219*AD	September 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.0142	.01733	9/21/2011