

## New Albany Wastewater Utility

38 W. 10<sup>th</sup> St. New Albany, IN. 47150

(812) 948-5320 / Fax (812) 948-6805

April 15, 2013

**City of New Albany**  
City-County Building  
Hauss Square  
New Albany, IN 47150

Dear Sewer Board:

Enclosed is City of New Albany's monthly operations report for March 2013 which contains information on the following:

- 1.0 Influent and Effluent Quality
- 2.0 Pretreatment
  - 2.1 Industry Inspections
  - 2.2 Grease Trap Inspections
- 3.0 Facility Operations
- 4.0 Preventive and Unscheduled Maintenance
- 5.0 Sewer Collection System
  - 5.1 Preventative Maintenance
  - 5.2 Lining Program Activity
  - 5.3 Call-outs
  - 5.4 Inspections
  - 5.5 Locates
  - 5.6 Construction Activity
- 6.0 Facility Safety

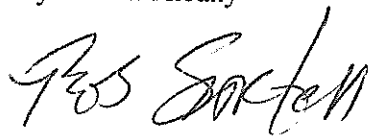
**Attachments:**

- A – Time Series Plots of Weekly and Monthly BOD and TSS
- B – Time Series Plots of Daily and Weekly Effluent Flow
- C – Rain Data
- D – Safety Inspection
- E – SSO/Bypass Reports
- F – Certification Statement
- G – DMR, MRO and Lift Station Flows
- H – Capacity Certification Letters
- I – Work Order History
- J – Grease Trap Inspections

April 15, 2013  
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As always, we are available to discuss this report, or any other aspect of our operation at your convenience.

Sincerely,  
City of New Albany

A handwritten signature in black ink, appearing to read "Rob Sartell". The signature is written in a cursive, slightly slanted style.

Rob Sartell  
Utility Director

CC: Environmental Protection Agency  
Vicki Glotzbach, City Clerk

1.0 INFLUENT AND EFFLUENT QUALITY

The new permit went into effect June 1, 2012. (Any violations will be noted in red.)

Table 1-1  
Influent and Effluent Quality

Parameters	Permit Limit				Monthly/Weekly/Daily Averages			
	Summer May 1 to Nov. 30		Winter Dec. 1 to April 30		Mo mg/l	Wk mg/l	Mo lbs	Wk lbs
Effluent CBOD	Mo 10 mg/l 1001 lbs	Wk 15 mg/l 1502 lbs	Mo 15 mg/l 1502 lbs	Wk 23 mg/l 2303 lbs	4	5	414	727
	Mo		Wk		7	12	944	2205
Effluent TSS	30 mg/l 3004 lbs		45 mg/l 4506 lbs					
DO	Daily Min 6.0 mg/l				Daily Min 10.1	Mo Avg 10.9		
Fecal	2000 Monthly Average					Mo Avg 6		
Chlorine Residual	Chlorine not used until flow reaches 40 MGD and wet weather capacity is reached.				N/A			
pH	6.0 to 9.0 s.u.				6.8 – 7.5			
Effluent Flow	12 MGD				Daily Avg	10.204		
Influent Flow	12 MGD				Daily Avg	10.861		
Influent CBOD lbs	Daily 14,219				Daily Avg	10,198	Daily Max 26,561	
Influent TSS lbs	Daily 18,524				Daily Avg	16,209	Daily Max 57,211	
Effluent Ammonia Nitrogen	Summer May 1 to Nov. 30		Winter Dec. 1 to April 30		Mo mg/l	Wk mg/l	Mo lbs	Wk lbs
	Mo 1.5 mg/l 150 lbs	Wk 2.3 mg/l 230 lbs	Mo 3.0 mg/l 300 lbs	Wk 4.5 mg/l 451 lbs	0.2671	0.4971	31	87

## 2.0 PRETREATMENT

Table 2-1  
Pretreatment Inspections for March

DATE	COMPANY	ADDRESS	COMMENTS
	NONE		

Table 2-2  
Grease Trap Inspections for March\*

DATE	COMPANY	ADDRESS	COMMENTS

\* SEE ATTACHMENT J FOR A COMPLETE LIST OF INSPECTIONS

## 3.0 FACILITY OPERATIONS

During the month of March the wastewater treatment facility performed well. 70 tons of bio-solids were removed from the facility.

During the month of March, a daily average of 16,209 pounds of TSS (which is 88% of design limit) and 10,198 pounds of CBOD (which is 72% of design limit) entered the wastewater treatment facility.

For a summary of the rain data see Attachment C.

#### **4.0 PREVENTIVE AND UNSCHEDULED MAINTENANCE**

Preventive maintenance was performed on all equipment as scheduled in March.

207 work orders were generated and completed for the lift stations and the treatment facility.

32 Corrective Action Work Orders were completed.

See Attachment I for the Work Order History.

## 5.0 SEWER COLLECTION SYSTEM

During the month there were \_\_\_ service requests. The calls were related to the following:

- 💧 *There were 16 blockages*
- 💧 *14 were in the resident's line*
- 💧 *2 odor complaints*

*Summary Table 5-0*

<i>Project</i>		<i>March</i>		<i>Year-to-Date</i>	
<i>Sanitary Sewer Flushed/ft</i>		<i>14,933.5</i>		<i>44,475.5</i>	
<i>Sewer Televised/ft</i>		<i>8,169.9</i>		<i>15,205.9</i>	
<i>Sewer Tap Inspections</i>		<i>1</i>		<i>22</i>	
<i>Locates</i>		<i>181</i>		<i>189</i>	
<i>Service Requests</i>	<i>Odor Complaint</i>	<i>Main Block</i>	<i>Resident Problem</i>	<i>Dye Test</i>	<i>Locates</i>
<i>36</i>	<i>2</i>	<i>2</i>	<i>14</i>	<i>3</i>	<i>181</i>

**New Albany Wastewater Treatment Facility**  
**Monthly Operations Report**

**Table 5-1**

*Preventive Maintenance; Total feet CCTV Or Cleaned, include date, footage, MH to MH, and basin #:*

Preventive Maintenance					
Date	Address	Basin #	MH# to MH#	Activity	Footage
3/11/13	520 Cherokee			Flush line	600
3/11/13	Routine Maintenance	23		Flush line	385
3/11/13	Fenwick Dr.	17	66-65	Flush line	350
3/11/13	Fenwick Dr.	17	68-66	Flush line	300
3/11/13	Gary Dr.	17	70-69	Flush line	208
3/11/13	Gary Dr.	17	71-70	Flush line	350
3/13/13	Charlestown Rd.	23	36A-36B	Flush line	300
3/13/13	Charlestown Rd.	23	36-36A	Flush line	350
3/13/13	Charlestown Rd.	23	32D-36	Flush line	300
3/19/13	Slate Run Rd.	28	33-34-35	Flush lines	984.6
3/19/13	Slate Run Rd.	28	31-32-33	Flush lines	1275.8
3/25/13		23	27-27A	Flush line	455
3/26/13		23	32b-32d	Flush line	199
3/26/13		23	33-C34A	Flush	197
3/28/13	Greenway Ave.	7	3A-2A	Flush line	120
				TOTAL	6,175.4
				YTD-TOTAL	19,296

## LINING PROGRAM

Table 5-2

Total feet CCTV / Cleaned, including basin #, footage, and tap count.

Lining Program						
Date	Location	Basin #	MH# to MH#	Activity	Tap Count	Footage
3-13-13	Indiana & mclean	16	76b-70	Cut protruder		
3-7-13	Shelby & Beeler	16	79a	Cut invert		
3-12-13	McClean & Indiana	16	72b 72a	lined		75 ft
3-27-13	McClean & Mortan	16	72 72a	lined		177 ft
3-26-13	Indiana & McClean alley	16	76 76a	lined		76 ft
3-7-13	Silver	16	76	Cut invert		
3-26-13	McLean	16	72a 72	Cut protruder		
3-7-13	Shelby alley	16	79a	Cut invert		
3-4-13	Indiana	16	79a 76b	lined		375.6
3-21-13	Beeler	16		Point Repair		
				TOTAL Footage Lined		703.6



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**Table 5-3**  
**Call-out by customers (Day and Night)**

Date	Address	Complaint			Results
		Odor	Blockage	Other	
3/1/13	E. 10 <sup>th</sup> & Spring St		X		Water company collapsed sewer line
3/2/13	E. 10 <sup>th</sup> & Spring St.			X	Return to job site per contractor
3/3/13	2113 Gary St.		X		Shot 80' of main for precaution
3/8/13	922 Oaklawn Ct.		X		Shot 300" for precaution
3/11/13	215 Maevi Dr.		X		Shot 400' to clear blockage
3/12/13	2007 McDonald Ave.		X		Shot 400' for precaution
3/12/13	110 Rossmore		X		Line collapsed, contracted out for repair
3/13/13	Sprigler Ct.			X	Follow-up to call-out, root cut line.
3/14/13	946 Valley View Rd.			X	Locate tap
3/14/13	1607 Valley View Rd.			X	Locate tap
3/14/13	Hausfeldt & Reas Ln.			X	Locate lateral
3/27/13	216 E. Lewis St.			X	Locate Lateral



**New Albany Wastewater Treatment Facility**  
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*Table 5-5*  
*Locates*

<i>Date</i>	<i>Requested By</i>	<i>Address</i>
3-11-13	Bello Properties	927 Pennwood Dr.
3-11-13	United dynamics	1704 Crestview Dr.
3-12-13	Duke Energy	1702 Graybrook Dr.
3-12-13	Duke Energy	318 E. 4 <sup>th</sup> St.
3-12-13	Miller Pipeline	234 Silver St.
3-13-13	Duke Energy	702 E. Market
3-14-13	Duke Energy	Captains Ct.
3-15-13	Vectren	2843 Mt Tabor Rd.
3-14-13	Brummet Pools	3035 Leaf Dr.
3-15-13	Edwardsville Water	3006 Refelction Way
3-15-13	Jeremy Specher	1313 Ridgeway Ave.
3-15-13	Trent Moore Plumbing	4201 Sunrise Dr.
3-15-13	Duke Energy	112 Silvercrest Cir.
3-15-13	Duke Energy	110 Silvercrest Cir.
3-15-13	Paul Primavera	142 University Woods Dr.
3-15-13	Norton Plumbing	1809 Old Vincennes Rd.
3-15-13	Allen Electric	200 New Albany Plz.
3-15-13	Chris james	235 Cherry St.
3-18-13	Everett Walker	3114 Wolfview Ct.
3-18-13	Craig Ryan	3434 Royal Oak Dr.
3-18-13	Ramond Wiseman	319 Whippoorwil Heights
3-22-13	Shantz Cons't	Mure de Ronce
3-19-13	Tom Tarr	3115 Honeysuckle Ct.

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<i>Date</i>	<i>Requested By</i>	<i>Address</i>
3-19-13	Enid Stroud	323 Ingram Ave.
3-18-13	TSI Paving	Braeview Dr. & Captian Frank Rd.
3-18-13	TSI Paving	Captain Frank Rd. & Wildwood Ln.
3-19-13	Miller Pipeline	2611 Roanoke Ave.
3-18-13	Eger Beaver Tree Service	1598 Meadow Ln. & Slate Run
3-18-13	ARE Cons't	1001 Hausfelt Ln.
3-18-13	Arc Con't	803,805,807,and 809 Talaina Pl.
3-18-13	Eugene Ballew	617-619 W. Cottom Ave.
3-18-13	Gary Brinkworth	Pearl St. to Cherry St.
3-18-13	Dave Omara Cons't	794 E. 8 <sup>th</sup> St.
3-19-13	Sondergeld Plumbing	2218 State St.
3-25-13	Clark Dietz	Pearl St. on Oak St.
3-25-13	Gary Brinkworth	E. Elm St. to E. 5 <sup>th</sup> St.
3-25-13	Gary Brinkworth	E. Elm St. to E. 9 <sup>th</sup> St.
3-25-13	Clark Dietz	E. 5 <sup>th</sup> St. & Oak 400 ft.
3-25-13	Clark Dietz	E. Oak, 750 ft.
3-25-13	Merrel Bierman	600 Lafollette Station Rd.
3-26-13	City of New Albany	2403 Beeler St.
3-26-13	Excel Excavating	Durgee Rd.
3-26-13	Excel Excavating	Grantline Rd.
3-27-13	NA Redevelopment	Grantline Rd.
3-27-13	Chris James	1904 Grape Arbor Way
3-27-13	TSI Paving	Beharrell Ave.
3-27-13	TSI PAVING	Beharrell Ave.
3-27-13	TSI Paving	Beharrell Ave.
3-27-13	TSI Paving	E. Spring St.

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<i>Date</i>	<i>Requested By</i>	<i>Address</i>
3-28-13	City of New Albany	E. Spring St.
3-28-13	King David Apts.	University Woods Dr.
3-27-13	Greenwell Plumbing	1104 Korb Ave.
3-28-13	Williams Plumbing	1909 McDonald Ln.
3-28-13	Paul Primavera	University Woods Dr.
3-28-13	Paul Foster	University Woods Dr.
3-28-13	Paul Primavera	Woodbourne Dr.
3-28-13	Paul Primavera	Castlewood Dr.
3-28-13	Snedegar Cons't	E. Spring St.
3-28-13	Libs Paving	1405 Valley View Rd.
3-28-13	Snedegar Cons't	702 E. Market St.
3-28-13	Paul Primavera	Rosewood Dr.
3-28-13	Stemler Plumbing	101 Rossmore Dr.
3-29-13	Chris Wallace	6138 HWY 111
3-20-13	ASB Builders	1744 Houston St.
3-21-13	Highland Plumbing	205 Greendale Dr.
3-20-13	Omara Contractor	408 Kinzig Rd.
3-20-13	Fred Williams	3105 Koehler Pl.
3-20-13	Ron Cannon	3211 Magnolia Ct.
3-20-13	Insight	2627 Charlestown Rd.
3-21-13	Mcrae Enterprises	12 Carol Ct.
3-20-13	Omara Cont.	1127 Carriage Ln.
3-21-13	Abel Smith	1206 E. Elm St.
3-20-13	Stumler Excavating	1605 E. Spring St.
3-20-13	Omara	335 Vincennes St.
3-20-13	Hamhed	95 E. 18 <sup>th</sup> St.

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<i>Date</i>	<i>Requested By</i>	<i>Address</i>
3-20-13	Case Foundation Systems	2114 Shelby St.
3-22-13	J. E. Reddy	1132 -1136 Carriage Ln.
3-20-13	J.E. Reedy	1122-1131 Carraige Ln.
3-22-13	J.E. Reedy	1133, 1135, 1136,1137,1139,1141,1142,1143, Carriage Ln.
3-22-13	J.E. Reedy	549 Eagles Ln.
3-22-13	Libs Paving	660 Park East Blvd.
3-22-13	Libs Paving	520 Park East Blvd.
3-25-13	Koetter Cons't	502 Hausfeldt ln.
3-22-13	Omara Cons't	1127 Carraige Ln
3-22-13	J.E. Reedy	1906 Coachman Dr.
3-25-13	Miller Pipeline	210 Denny Dr.
3-27-13	Wayne Koetter	502 Hausfeldt Ln.
3-25-13	Gary Brinkworth	E. Oak St.
3-25-13	Johnny Brinkworth	E. 5 <sup>th</sup> St.
3-25-13	Johnny Brinkworth	E. Elm St.
3-25-13	Gary Brinkworth	Pearl St.
3-22-13	Steepleton	3707 Melrose Ct.
3-23-13	Silver Creek Water	Mure de Ronce
3-22-13	Onsight Plumbing	3006 Refelction Way
3-22-13	Onsight Plumbing	617 W. Cottom Ave.
3-24-13	Campbell Fence	3908 Franklin St.
3-25-13	Reynolds Communication	1604 Slate Run Rd.
3-22-13	Miller Pipeline	2706 Linda Dr.
3-22-13	Miller Pipeline	30 E. 10 <sup>th</sup> St.
3-22-13	J.E. Rededy	1900,1902,1904,1907 Carraige Ct.
3-22-13	J.E. Reedy	1903 & 1908 Coachman Dr.

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<i>Date</i>	<i>Requested By</i>	<i>Address</i>
3-25-13	The Hoosier Co.	I-265
3-25-13	Hoosier Co.	IN. RT-311
3-25-13	Delbert Arthur	4310 Old Vincennens Rd.
3-26-13	Miller Pipeline	1606 E. Spring St.
3-26-13	Miller Pipeline	23 Robin Rd.
3-25-13	Hoosier Co.	Captain rank Rd. & I-64
3-25-13	Miller Pipeline	2247 Park Ave.
3-25-13	Mike Ferguson	3609 Green Valley Rd.
3-25-13	Greenwell Plumbing	2891 Sandalwood Dr.
3-25-13	Rebecca Valois	1805 Olive St.
3-25-13	Robert Stanley	327 Kenzig Rd.
3-25-13	Williams Plumbing	327 Kenzig Rd.
3-26-13	Cristiani	313 Plimlico Dr.
3-27-13	Duke Energy	235 Sloemer Ave.
3-27-13	Advantage Enterprises	323 & 329 Ealy St.
3-27-13	Advantage Enterprises	6 Valley View Ct.
3-27-13	TSI Paving	E. 9 <sup>th</sup> St. (4 times)
3-27-13	Miller Pipeline	1501 E. Oak St.
3-26-13	Gary Doorman	3600 Kamer Miller Rd.
3-15-13	Greenwell Plumbing	7 Oxford Dr.
3-25-13	Omara	2206 State St.
3-15-13	Vectren	2415 Fairmont Ave.
3-25-13	Reynolds Communication	2823 Green Valley Rd.
3-25-13	Reynolds Communication	75 Lockwood Ct.
3-25-13	Reynolds Communication	3908 Franklin St.

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<i>Date</i>	<i>Requested By</i>	<i>Address</i>
3-18-13	Reynolds Comm.	3709 Glory Wood Ct.
3-18-13	Reynolds Comm.	13 Carol Ct.
3-18-13	Reynolds Comm	352 Erni Ave.
3-18-13	Miller Pipeline	Roanoke Ave.
3-18-13	Quality Fence	Slate Run & Old Ford
3-18-13	Tim Storms	2086 Autumn Hill Tr.
3-18-13	Tim Storms	3086 Autumn Tr.
3-20-13	Elizabeth Welch	4218 Danny Dr.
3-27-13	Reynolds Comm.	200 Shetland Ct.
3-27-13	Reynolds Comm.	706 Lincoln St.
3-27-13	Reynolds Comm.	3226 Slate Creek Ct.
3-27-13	Reynolds Comm.	3415 Tabor Ct.
3-27-13	Reynolds Comm.	5 Oxford Dr.
3-27-13	Reynolds Comm.	4108 Ashbury Dr.
3-26-13	Floyd County Storm Water	3201 Hadleigh Pl.
3-26-13	Floyd County Storm Water	3300 Cobblers Ct.
3-26-13	Miller Pipeline	414 Wedgewood Dr.
3-27-13	Miller Pipeline	26 Valley View Ct.
3-27-13	N.A. Wastewater	Beechwood & Depaul Ave.
3-27-13	Onsight Plumbing	3819 Old Klerner Ln.
3-27-13	McCombs Cons't	4302 Payne Koehler Rd.
3-27-13	S&S Fencing	2229 Willard Ave.
3-28-13	Miller Pipeline	776 Captian Frank Rd.
3-28-13	City of N.A.	Pearl & Spring St.
3-28-13	Miller Pipeline	1026 Caiman Ct.
3-28-13	Mike Kane	1017 Hollee Dr.







## 6.0 FACILITY SAFETY

The monthly Safety Inspection was conducted on March 19, 2013 at the wastewater treatment facility. The rating was 97.7%. A complete safety inspection report for the wastewater treatment facility is included as Attachment D.

### ATTACHMENTS

- A - *Time Series Plots – Daily and Weekly BOD and TSS*
- B - *Time Series Plots – Daily and Weekly Effluent Flow*
- C - *Rain Data*
- D - *Safety Inspection*
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