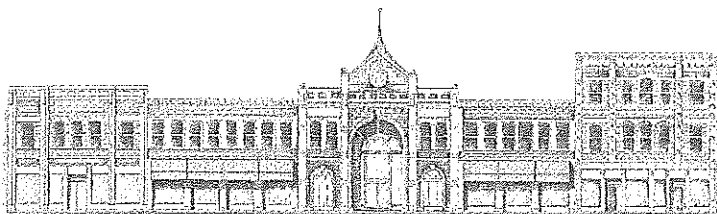


# The City of Wilmington, Ohio



475 South Nelson Avenue, Wilmington, Ohio 45177

## Wastewater Department

Office  
475 South Nelson Avenue  
Phone: (937) 382-2413  
Fax: (937) 382-3044

July 29, 2016

Superintendent  
Harry J. McVey  
Email: [hjmcvey@cinci.rr.com](mailto:hjmcvey@cinci.rr.com)

Ohio EPA-SWDO - DSW  
401 East Fifth Street  
Dayton, Ohio 45402-2911

Mayor  
John Stanforth  
(937) 382-5458

**RE: Response to 2016 Compliance Evaluation Inspection, NPDES Permit No. OH0028134/OEPA Permit No. 1PD00013\*OD**

Director of Law  
Brett Rudduck  
(937) 383-2067

Dear Ms. Leibfritz:

City Auditor  
David Hollingsworth  
(937) 382-6604

In response to your letter of June 10, 2016, I am responding, in writing, with a description of our actions to address the "Findings" and "Required Actions" of said letter concerning implementing a Capacity, Management, Operation and Maintenance (CMOM) Program.

City Treasurer  
Paul R. Fear  
(937) 383-5549

Implementation of the City's CMOM Program contains the following;

### **Complaint Tracking System (CTS)**

President of Council  
Randy Riley  
(937) 382-5458

We have been utilizing this software since the year 2009 (report sheets enclosed). The wastewater treatment plant (WWTP) and the sewer crew have access to the program. It tracks all complaints since 2009 and can be sorted by date, address, owner, mini map location, complaint type, phone number, ID number, and cause.

Members of Council  
Kelsey Swindler  
Joe Spicer  
Mark McKay  
Loren Stuckert II  
Randi Milburn  
Matt Purkey  
Johnathan McKay

Before an employee responds to the complaint they can look up the address on the CTS program to see if there have been any previous issues at this location.

Director of Public Service  
Brian Shidaker  
(937) 382-6509

### **Collection Management System (CMS)**

Director of Public Safety  
Brian Shidaker  
(937) 382-5458

We have been using this program since the year 2012 to the present (report sheets enclosed). This program keeps track of when lines were cleaned, , footage of line cleaned, location cleaned by address, mini map location, upstream and downstream manholes and is used to schedules when to clean. Our chemical root control is also tracked.

CMS also keeps track of the CCTV program. The report will give information on the line, graded on a scale of 0 to 3, and the significance of any problems.

## **Problem Management Program (PMP)**

The PM program (report sheets enclosed) is temporarily off line, but should be back up and running by September 1, 2016. This program lists and prioritizes the problems that are found in the collection system and assigns a unique ID number. This program will create work orders and track man hours and costs associated with any problems.

## **Five-Year Capital Improvement Plan (CIP)**

Enclosed is a CIP for the next 5 years. This has not been approved by the administration and council.

## **Lucity Program**

Is an asset management program which works in conjunction with our GIS mapping and CCTV programs.

## **Mapping**

Mapping was completed in 2004 and is updated as needed.

## **Manhole Inspections**

Manhole inspections were completed in 2004 and are updated as needed. We will have the crew update the inspections as they clean and televise the sewer lines.

## **Other Items**

Eric Green (Chief Operator), Oris Potts (Crew Leader) and I will be meeting weekly. We will be discussing scheduling, status updates, man power, equipment and budget.

We feel we have the tools needed to have a successful CMOM program. Better utilization of these tools will help insure success.

If you have any questions, please feel free to contact me at (937) 382-2413 or via email at [hjmcvey@cinci.rr.com](mailto:hjmcvey@cinci.rr.com).

Sincerely,



Harry J. McVey  
Superintendent  
Wastewater Department

Wastewater  
 Clear Form  
 Previous  
 Show Map  
 Print Complaint

Complaint Type  
 E-Mail  
 Name  
 Last  
 First  
 Address  
 Phone  
 E-Mail  
 Min-Map  
 Main-Map  
 Details

Start Date: 1/1/2010  
 End Date: 7/29/2016  
 Previous Month  
 Previous Year  
 This Month  
 Year To Date

Drag a column header here to group by that column

ID	Name	Address	Street Name	Complaint Type	Phone	Cause	Complaint T...
577	Tony Toller	351 Darylene ...	Darylene ...	Sewer Backup	(937) 225-2637	Unknown	Sewer Backup
78	JUDY WANCE	256 E. Locust St...	E. Locust S...	Sewer Backup	937-225-2637	Unknown	Sewer Backup
1219	Nery Gayle	667 Norman Street	Norman Str...	Follow Up	937-228-6931	Roads - Man	Follow Up
1218	American Legion	140 E. Locust St.	E. Locust St.	Sewer Backup	(937) 585-3889	Unknown	Sewer Backup
1217	Bobby Long	529 Prairie Avenue	Prairie Ave...	Lateral backing up	(937) 302-6363	Unknown	Lateral Bac...
1216	Scott Stehr	224 Linden Ave...	Linden Ave...	Sewer Backup	382-3195	Blockage in lateral	Sewer Backup
1215	Merced Henley	100 W. Main St...	W. Main St...	Sewer Backup	(937) 655-9150	Unknown	Sewer Backup
1214	Sue Campbell	863 W. Locust S...	W. Locust ...	Sewer Backup	(937) 382-0321	Grease	Sewer Backup
1213	Regina Moore	189 Thorne Ave...	Thorne Av...	Sewer Backup	(937) 380-6370	Unknown	Sewer Backup
1212	Julia Martin	231 S. Wall	S. Wall	Sewer Backup	(937) 302-6303	Unknown	Sink hole
1211	City of Wilmington	Kentucky Ave.	Kentucky A...	Sink hole	(937) 382-2682	Roads - Service lateral	Sewer Backup
1210	Schaeffing Robert	290 W. Locust S...	W. Locust ...	Sewer Backup	(937) 725-1485	Unknown	Sewer Backup
1209	Lea Yoder	151 W. Sugartr...	W. Sugar Tr...	Sewer Backup	(937) 728-2457	Unknown	Sewer Backup
1208	Charles Kiersteadt	12 Peterson Place	Peterson Pl...	Sewer Backup	(937) 759-6297	Unknown	Sewer Backup
1207	Greg Jardine	414 N. South St.	N. South St.	Sewer Backup	(937) 595-9021	Unknown	Sewer Backup
1202	John Martin	630 West Avenue	West Avenue	Sewer Backup	(937) 382-4176	Blockage in lateral	Sewer Backup
1201	Kenneth Taylor	481 Douglas Str...	Douglas Str...	Sewer Backup	(937) 527-0113	Blockage - City Man	Water in ba...
1200	Bobo Cong	529 Prairie Avenue	Prairie Ave...	Sewer Backup	(937) 382-4563	Unknown	Sewer Backup
1198	Red Carter	93 Josephine St.	Josephine St.	Water in basement	(937) 944-1128	Blockage in lateral	Water in ba...
1197	Vera Scott	499 S. Mulberry ...	S. Mulberry...	Sewer Backup	(937) 382-2897	Unknown	Slow drains
1192	Amber Wright	535 N. Mulberry...	N. Mulberry...	Water in basement	(937) 382-2028	Dry Traps	Older Compl...
1195	Betty Bonnell	792 Bernice Street	Bernice St...	Older Complaint	(937) 382-2028	Roads - Service lateral	Sewer Backup
1193	Tracy Tabert House	930 Prairie Avenue	Prairie Ave...	Older Complaint	(937) 382-2413	Blockage - City Man	Sewer Backup
1194	Linda Steadman	237 Grove Street	Grove Street	Sewer Backup	(937) 378-2028	Service Lateral Problem	Other
1191	City of Wilmington...	475 S. Nelson A...	S. Nelson A...	Sewer Backup	(937) 382-2141	Service Lateral Problem	Location of ...
1196	Tracy Tabert House	930 Prairie Avenue	Prairie Ave...	Other	(937) 225-0542	Unknown	Water in ba...
1188	William Kessner	285 Dana Avenue	Dana Avenue	Location of Lateral Line	(937) 776-5347	Unknown	Water in ba...
1189	Ran Cox	301 Columbus S...	Columbus S...	Sewer Backup	(937) 382-5267	Unknown	Water in ba...
1184	Ed Camp	211 Columbus S...	Columbus S...	Water in basement	(937) 382-5267	Unknown	Water in ba...
1185	Gaile Kid	660 Kelly Drive	Kelly Drive	Older Complaint	(937) 382-5267	Unknown	Water in ba...
1184	Michelle Stephen ...	338 N. Mulberry...	N. Mulberry...	Water in basement	(937) 382-5267	Unknown	Water in ba...
1182	Kene	1076 Sivan Dr.	Sivan Dr.	Water backing up	(937) 382-5267	Unknown	Water in ba...
1182	Neal Starr	171 College Street	College Str...	Water in basement	(937) 382-5267	Unknown	Water in ba...
1178	John Navarro	166 Glenwood C...	Glenwood ...	Rain sewage on ground	(937) 382-5267	Unknown	Rain sewage...
1178	Steve Conley	648 N. South St.	N. South St.	Water in basement	(937) 382-5267	Unknown	Water in ba...
1183	Sara Kiersteadt	12 Peterson Place	Peterson Pl...	Overflow from Manhole	(937) 555-9554	Other	Overflow F...
1177	Richard Pfanzner	385 South Sout...	South Sout...	Older Complaint	(937) 555-6722	Unknown	Older Compl...
1174	Wendy Ziegen	178 N. Mulberry...	N. Mulberry...	Sewer Backup	(937) 725-2235	Unknown	Sewer Backup
1173	Breda Grooming	Crescades Drive	Crescades ...	Older Complaint	(937) 725-2235	Unknown	Older Compl...
1172	Kelly Heest	127 Ruby Avenue	Ruby Avenue	Older Complaint		Unknown	Older Compl...

# Complaint Tracking Report

## Contact:

**Name:** Bobbi Cong  
**HouseNumber** 529 Prairie Avenue  
**Phone** (937) 382-4176  
**E-Mail**

**Reference Number:** 1201  
**Open Date:** 12/8/2015  
**Mini-Map:** N  
**Nearest Manhole:** B-23

**Complaint Type** Sewer Backup  
Sewer Backup

**Cause:** Blockage in lateral

**Responsibility:** City

### **Contact Comments:**

Smith, Donald 12/11/15 08:59

When I arrived at 529 Prairie Ave. I checked manholes N-88 and N-87 both of which showed the main line to be open and flowing. I then checked the 6" clean out behind the curb between 509 and 529 Prairie Ave. and it had water standing in it.

At this time I began running hydro cleaning hose in the main line between manholes N-88 and N- 87, after running the main the clean out still hadn't drained.

When Cliff Jones arrived on site we began running sectional rodding machine from the 6" clean out toward the main line and the lateral opened and drained.

We ran approx. 80' of sectional rodder cable into the lateral to open it.

Then on 12-9-15 Phil Teboe returned to 529 Prairie Ave. to repair the clean out cap, flush the lateral to remove any residual debris and run the main line between manholes N-87 & N-88 to remove any residual debris.

Mike Johnson  
Cliff Jones  
Phil Teboe

6" PVC Lateral cleaned

8" VPC Main Line cleaned x 2

Upstream	Downstream	Area	Street	Length	Size	Type	Cleaned	TV	Treated	Lined	LC	Grouted	Clean Freq	Treat Freq	TV Freq	Notify	Comment	# Cleanings	# Treat	# TVs	Clean Cycle	TV Cycle	Public	RD
A-01	G-61	G	Nunn Avenue	21	10	VCP	8/3/2012				1					F		2	0	0			<input checked="" type="checkbox"/>	1195
A-02	A-01	A	Nunn Avenue	112	8	Fold and ...	8/3/2012	6/15/2...			1					F		2	0	1			<input checked="" type="checkbox"/>	1190
A-03	A-02	A	Nunn Avenue	208	8	VCP	8/6/2014				1					F		1	0	0			<input checked="" type="checkbox"/>	1191
A-04	A-05	A	Key Drive	159	8	VCP	4/4/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1192
A-05	A-03	A	Nunn Avenue	240	8	VCP	4/4/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1193
A-06	A-52	A	Xenia Avenue	98	8	VCP	3/27/2...				2					F		3	0	0			<input checked="" type="checkbox"/>	1194
A-07	A-06	A	Xenia Avenue	272	8	VCP	4/9/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1195
A-08	A-13	A	Nunn Avenue	294	8	VCP	4/4/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1196
A-08NS	A-08	A	Nunn Avenue	1	8	VCP	4/4/2012				2					F	C: Has a board as cap could be 1/2 need to put plug in pipe	1	0	0			<input checked="" type="checkbox"/>	1155
A-09	A-13	A	Nunn Avenue	178	8	VCP	4/4/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1197
A-10	A-11	A	N. Wood Str...	87	8	VCP	4/4/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1198
A-11	A-12	A	N. Wood Str...	15	8	VCP	4/4/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1199
A-12	A-13	A	Nunn Avenue	105	8	VCP	4/4/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1500
A-13	A-05	A	Nunn Avenue	331	8	VCP	4/4/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1601
A-14	A-01	A	Nunn Avenue	125	8	VCP	3/3/12...				2					F		4	0	0			<input checked="" type="checkbox"/>	1602
A-15	A-14	A	Nunn Avenue	345	8	VCP	3/30/2...				2					F	C: after step cleaning to get grease and debris run cutter ...	2	0	0			<input checked="" type="checkbox"/>	1603
A-16	A-15	A	Key Drive	101	8	VCP	3/30/2...				2					F	C: grease and debris	2	0	0			<input checked="" type="checkbox"/>	1604
A-17	A-16	A	Xenia Avenue	232	8	VCP	3/30/2...				2					F	C: grease and debris	2	0	0			<input checked="" type="checkbox"/>	1605
A-18	A-17	A	Xenia Avenue	358	8	VCP	8/1/2012				2					F	C: brought out light debris	4	0	0			<input checked="" type="checkbox"/>	1606
A-19	A-18	A	Xenia Avenue	401	8	VCP	8/1/2012				2					F	C: brought out light debris	4	0	0			<input checked="" type="checkbox"/>	1607
A-20	A-19	A	Xenia Avenue	72	8	VCP	4/11/2...				1					F		2	0	0			<input checked="" type="checkbox"/>	1608
A-21	A-22	A	Xenia Avenue	309	8	VCP	7/28/2...				1					F		6	0	0			<input checked="" type="checkbox"/>	1609
A-22	A-23	A	Xenia Avenue	461	8	VCP	7/28/2...				1					F		6	0	0			<input checked="" type="checkbox"/>	1610
A-23	A-24	A	Xenia Avenue	349	8	VCP	3/16/2...	3/2/2016	7/1/2...		1			36		F		6	2	1			<input checked="" type="checkbox"/>	1611
A-24	A-32	A	Kentucky Ave.	194	8	VCP	7/28/2...		7/17/...		1					F		6	1	0			<input checked="" type="checkbox"/>	1612
A-25	A-26	A	A St.	197	8	VCP	4/9/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1613
A-26	A-27	A	A St.	322	8	VCP	4/9/2012	10/21/...			1					F		1	0	1			<input checked="" type="checkbox"/>	1614
A-27	A-29	A	A St.	331	8	VCP	4/9/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1615
A-29	A-30	A	A St.	289	8		4/9/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1616
A-30	A-31	A	A St.	249	8		4/9/2012				1					F		1	0	0			<input checked="" type="checkbox"/>	1617
A-31	A-33	A	A St.	261	8	Fold and ...	4/9/2012	6/21/2...			1					F		2	0	0			<input checked="" type="checkbox"/>	1618
A-32	A-20	A	Kentucky Ave.	39	8	Fold and ...	4/11/2...				1					F		3	0	0			<input checked="" type="checkbox"/>	1619
A-33	A-32	A	Kentucky Ave.	329	8	Fold and ...	4/10/2...	2/19/2...			1					F		2	0	0			<input checked="" type="checkbox"/>	1620

405...

Scheduling Data Entry

Select Schedule  
 S-29 : 2000 : 7/19/2016: C

Delete Schedule

Public Only

System Schedule

Key Manhole  
 S-29

Select Starting Point  
 Work Order Amount  
 2000

Create Schedule

Fred Start Schedule

Starting Manhole  
 S-29

Select Starting Point  
 Work Order Amount  
 2000

Create Schedule

2014 Inforce

Due Out of Cycle: Print Print Map

Upstream	Downstream	Area	Public	Notify	Street	Length	Size	Cleaned	Tied	Treated	Lined	Clean Freq	Treat Freq	TV Freq	Type	Cleaning Com...	Seq
B-50	B-50	B	T	F	Williams Drive	130	8	2/9/2013				12				Use essem...	0
B-50	B-49	B	T	F	Lee Lane	188	8	2/29/2012				12					1
E-37	E-36	E	T	F	Main Street	104	8	10/21/2015		1/24/2012		4			VCP	clean later...	2
E-36	E-35	E	T	F	Main Street	224	8	10/21/2015				4			VCP		3
L-75	L-74	L	T	F	Creastview ...	388	8	8/25/2015		1/27/2016		6			VCP		4
R-10	R-09	R	T	F	Denver Park	171	10	8/28/2012		4/8/2010		6			VCP		5
R-09	R-08	R	T	F	Denver Park	135	10	8/28/2012				6			Fold and F...		7
R-08	R-131	R	T	F	Denver Park	238	10	9/4/2012		4/8/2010		6			VCP		8

Record 1 of 8

Scheduled Print Print Map

Seq	Upstream	Downstream	Public	Street	Length	Size	Cleaned	Tied	Treated	Lined	Clean Freq	Treat Freq	TV Freq	Type	Notify	Cleaning Com...	Clean Cycle	TV
0	S-29	S-27	T	Heather R...	247	8								PVC	F			
1	S-28	S-27	T	Timber Gle...	232	8								PVC	F			
2	S-27	S-25	T	Timber Gle...	199	8								PVC	F			
3	S-49	S-50	T	Timber Gle...	200	8								PVC	F			
4	S-50	S-47	T	Timber Gle...	242	8								PVC	F			
5	S-97	S-98	T	Timber Gle...	516	8								PVC	F			
6	S-98	S-99	T	Timber Gle...	201	8								PVC	F			
7	S-99	S-26	T	Timber Gle...	94	8								PVC	F			
8	S-26	S-25	T	Timber Gle...	302	8								PVC	F			

2233

Record 1 of 9

Home Insert Page Layout Formulas Data Review View

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Pr	Open Date	Type	Nearest MH	Close Date	Comments	Problem Type	Basin	Category	Rating	Structure Rating	Capacity Rating	Impact Rating	Description
2	101	4/12/2011	Manhole		4/15/2011	EG-4-12-11 ground is washed away from manhole	Repair	L		3	3	2	3	3 Manhole leaking below casting
3	103	4/20/2011	Manhole		7/12/2011	1-35 is Southwind LS	Investigate	J		3	3	3	3	3 Missing Manhole Lid
4	479	7/31/2012	Other		8/3/2012	7/31/2012 KEG: CB top is offset from road. Injured	Repair			1	0	0	0	3 CB top offset from road
5	478	4/9/2012	Other		8/16/2012	7/16/2012 KEG: C & MH repaired (8/7/31/2012 KEG: Repair	Repair			1	0	0	0	3 CB top and grate falling in
6	48	4/9/2012	Main		1/10/2013	1/14/2013 KEG: Earth & Pipe replaced 150' of 8" main	Repair			3	2	2	1	2 8" VCP collapse @ 85', replace 12 foot section. S1@
7	208	8/24/2011	Main		3/12/2012	Open joint in pipe can see the gravel at the point	Repair	O		3	3	0	0	2 24" Storm pipe over sanitary sewer
8	53	4/9/2012	Manhole		9/17/2012	KEG: raised and sealed casting 8"	Maintenance			3	3	0	1	2 MH casting draining field
9	192	8/24/2011	Other		3/1/2012	Oye tested. Coming in from lateral as seen on PD	Investigate			3	3	0	0	2 8" VCP collapse. Easement, remove line, w/new lin
10	47	4/9/2012	Main		12/6/2012	11/9/2012 KEG: Earth & Pipe installed approximate	Replace			2	3	2	2	2 12" VCP pipe broke due to stuck plug
11	95	12/1/2010	Main		7/3/2012	located behind dog pound. Bad area is near creek	Repair	R		2	3	1	1	2 12" VCP cracks roots. Under open ditch
12	94	12/1/2010	Main		4/13/2011	located behind dog pound. There appears to be	Repair	Q		2	2	0	1	2 12" VCP cracks roots, visual leaks
13	92	12/1/2010	Main		4/13/2011	could be grouted, need to remove abandoned val	Repair	Q		2	2	0	1	2 12" VCP cracks roots, Calcium, roots
14	92	12/1/2010	Main		3/30/2011	KEG 7/16/11 Earth & Pipe as emergency repair	Replace	P		2	3	3	1	2 12" VCP cracks roots, Calcium, roots
15	98	2/16/2011	Main		3/1/2012	Dyed leak found in lateral	Investigate	E		2	2	0	0	2 Multiple broken joints and pipe sag
16	340	8/25/2011	Main		7/23/2012	9/7/2012 KEG: raised and sealed castingsee prob	Repair			2	1	2	2	2 Smoking CB, storm over saltry
17	464	6/20/2012	Manhole		7/23/2012	9/7/2012 KEG: raised and sealed castingsee prob	Repair			2	1	2	2	2 Smoking CB, storm over saltry
18	463	6/20/2012	Manhole		7/23/2012	9/7/2012 KEG: raised and sealed castingsee prob	Repair			2	2	0	2	2 Smoking CB, storm over saltry
19	462	6/20/2012	Manhole		7/23/2012	9/7/2012 KEG: raised and sealed castingsee prob	Repair			2	2	0	2	2 Smoking CB, storm over saltry
20	461	6/20/2012	Manhole		7/19/2012	9/7/2012 KEG: raised and sealed castingsee prob	Repair			2	2	1	2	2 Smoking CB, storm over saltry
21	345	8/25/2011	Other		3/1/2012		Investigate			1	0	0	0	2 Smoking CB
22	459	8/24/2011	Main		6/21/2012	Open joint in pipe can see the gravel at the point	Repair	O		3	3	0	0	1 24" Storm pipe over sanitary sewer
23	57	4/9/2012	Manhole		6/20/2012		Repair			3	3	1	1	1 leak @MH at trap west side, dye tested
24	32	4/9/2012	Manhole		9/7/2012		Repair			3	3	0	0	1 Plug north pipe, lines not used, 09 smoke test ar
25	246	8/24/2011	Manhole		6/20/2012		Maintenance			3	3	0	0	1 leaking casting legs in ditch
26	99	2/16/2011	Main		4/13/2011	EG 2/17/11 Buried manhole approximately 100'	Repair	E		2	1	1	2	1 missing MH- need locate & line prep for lining
27	100	2/16/2011	Main		7/12/2012	9/7/2012 KEG: IR & OP & MI & JS rerouted sanitary	Repair	N		2	2	3	3	1 DP&L pole thru main at 131'
28	503	1/9/2013	Main		1/15/2013	1/16/2013 KEG: Earth & Pipe replaced 40' of 8" sewer	Repair			2	2	2	2	1 DP&L pole thru main at 131'
29	507	11/20/2013	Main		11/20/2013	11/20/2013 KEG: CCTV found broken pipe between	Repair	O		2	2	2	2	1 broken pipe
30	506	11/20/2013	Main		11/20/2013	11/20/2013 KEG: CCTV found broken pipe between	Repair	O		2	2	2	2	1 broken pipe
31	509	1/10/2014	Main		1/10/2014	1/10/2014 Hatten: Pipe is broken at 230 feet and	Repair			2	2	2	1	1 Pipe broken and cracks throughout
32	177	8/25/2011	Manhole		6/20/2012		Maintenance	R		2	2	0	0	1 Off set casting low area
33	422	8/25/2011	Manhole		6/20/2012		Maintenance			2	2	0	0	1 CO, no cap
34	469	7/10/2012	Lateral		8/27/2012	8/27/2012 KEG: 1 C/G, 1 cap	Repair			1	1	0	0	1 broken main
35	171	6/1/2011	Main		6/14/2011	EG-Adams Gravel replaced 20' of 8" sewer main fr	Repair			1	3	0	0	1 broken main
36	454	8/25/2011	Main		1/18/2012		Investigate	D		1	1	0	0	1 main pipe
37	465	7/3/2012	Main		7/26/2016	7/15/2016 EG 7/3/12 6" orangeburg main/lateral	Repair	P		1	3	2	2	1 6" orangeburg very bad condition
38	504	4/29/2013	Main		4/30/2013	5/1/2013 KEG: Earth and Pipe dug up and replaced	Repair	L		1	1	1	1	1 24" main pipe broken at joint 60' from L-17
39	475	7/12/2012	Manhole		12/12/2012	12/12/2012 KEG: Earth & Pipe replaced MH R-020rd	Repair	R		1	1	0	0	1 broken tee, outside drop
40	499	6/16/2012	Other		8/15/2012	10/15/2012 KEG: concreted holes and covered with	Repair			1	1	0	0	1 holes in yard at every joint
41	502	12/21/2012	Lateral		1/14/2013	1/16/2013 KEG: Earth & Pipe repaired lateral conn	Repair	A		0	1	1	1	1 hole connection at main
42	501	12/28/2012	Lateral		1/8/2013	1/9/2013 KEG: Earth & Pipe replaced 45' of 4" PVC	Repair	B		0	2	1	1	1 lateral bad under street

Ready

Sheet 100%

Problem Number  Open Date 10/17/2012

Manhole Main Lateral Other

Manhole H-30 Depth 6

Problem Type

Category

Basin H

Problem Description  
Manhole buried under asphalt during paving project

Drainage Area

Location Description  
W. Main Street

Rating

I/I Structure Capacity Impact Rating

0 1 0 1 11

Closed / Date 7/28/2016

Responsibility  Owner  City

Comments:

10/17/2012 KEG: MH needs dug up and brought up to grade

Next Step

Steps

Point repair

Documents





**CITY OF WILMINGTON Five-Year Capital Expenditure Budget  
CAPACITY, MANAGEMENT, OPERATIONS AND MAINTENANCE (CMOM)  
WASTEWATER DEPARTMENT**

2016 Yr.	Capital Item	Cost	Information: New vs.Replacement, VIN, Reason, etc
	Chemical Root Control	\$ 10,000	7200 Ft.
	Tandem Axle Trailer	\$ 8,000	New, Haul Manholes, CB's, and Pipe
	Grout Manholes	\$ 8,000	Timber Glen, Lakewood
	Rehab (Mulberry St.)	\$ 200,000	Remove Storm Culvert and Restore Ditch (\$100,000)
	Grout Laterals	\$ 35,000	2015 Lining Project
	Total=	\$ 261,000	

2017 Yr.	Capital Item	Cost	Information: New vs.Replacement, VIN, Reason, etc
	Jet/Vac Truck	\$ 375,000	Replace, 2FZAATAK81AF86266, 2001, Wear
	North South St. Sewer	\$ 780,000	Replace 1760 Ft. of Sanitary Sewer (70% OPWC Grant)
	Chemical Root Control	\$ 10,000	7200 Ft.
	Rehab	\$ 100,000	As Prioritized
	Total=	\$ 1,265,000	

2018 Yr.	Capital Item	Cost	Information: New vs.Replacement, VIN, Reason, etc
	P.U. Truck	\$ 45,000	Replace, 1GCGK24JXYR175967, 2000, Wear
	Irrigation Sprayer	\$ 70,000	Replace, 1987, Wear
	Refurbished Dump Truck	\$ 100,000	Replace, 1HTSDAAR6XH629504, 1998, Wear
	Chemical Root Control	\$ 10,000	7200 Ft.
	Flow Monitoring	\$ 30,000	Trunk Lines
	Rehab	\$ 100,000	As Prioritized
	Total=	\$ 355,000	

2019 Yr.	Capital Item	Cost	Information: New vs.Replacement, VIN, Reason, etc
	Portable Pump	\$ 60,000	Replace, 1988, Wear
	Chemical Root Control	\$ 10,000	7200 Ft.
	Military Line	\$ 500,000	Line 10,921 Ft. of Sanitary Sewer
	Rehab	\$ 100,000	As Prioritized
	Total=	\$ 670,000	

2020 Yr.	Capital Item	Cost	Information: New vs.Replacement, VIN, Reason, etc
	Sewer Camera & Van	\$ 150,000	Replace 2009 Camera & 1997 Van
	Backhoe	\$ 100,000	Replace 2002
	Rehab	\$ 100,000	As Prioritized
	Chemical Root Control	\$ 10,000	7200 Ft.
	Total=	\$ 360,000	