

Utilities Division

Mission Statement:

The primary responsibility of this Division is to supply the Borough of Chatham with the production, treatment and storage of clean safe drinking water of the highest standards. The Water & Sewer Division follows the standards set forth by the New Jersey Department of Environmental Protection, and the Federal Safe Drinking Water Act. Keeping in mind that customer service is our primary goal.

The Water & Sewer Division is also responsible for the maintenance of the sanitary sewer collection system, along with its three sewer lift stations. The system is mainly gravity flow to the Madison-Chatham Joint Meeting Wastewater Treatment Facility. Once the wastewater is treated for contaminants it may then be returned to the environment.

The Division is also in charge of maintenance of the Mulch resource area. This area takes in the yearly collection of leaves from the fall collection program, along with grass and brush. These materials once processed can then be utilized by the residents of Chatham. In addition the Division takes care of the maintenance of the Recycle Center Area on Summit Avenue. Residents can drop off metal, plastic, glass, paper, cardboard, and textiles. A special Electronics collection is done in January and June of each year. This removes key products out of the solid waste stream, and returns it for reuse.

Water Plant, Treatment, Distribution

Regular Hours 2011 - 4,726

Overtime Hours 340

Regular Hours 2012 - 4,556 3.7% decrease

Overtime Hours 450 24% increase

Distribution System & Water Meters:

The Division made the following repairs or upgrades to the water system in 2012:

- Replacement of the old 4" water main on the east end of Main Street.
- Spring Hydrant flushing took place, to clear sediment and tuberculation from the water mains, due to age and the pumping process.
- Four major valves were replaced on Main Street prior to the Main Street paving job. Two in connection with the new 6" water main installed east of University Avenue. The other two were on either side of Van Doren Avenue on the 10" Main Street water main. (see attached chart)
- Nine (9) lead water services were replaced. (see attached chart). This was a 22% increase over 2011, when Seven (7) lead services were replaced.
- Eight (8) hydrants and hydrant valves were replaced (see attached chart). This was a 25% increase over 2011, when Six (6) hydrants were replaced.
- 242 water meters were replaced during the year. This was a 19% increase over 2011, when 196 meters were replaced.

Emergency Water System Repairs:

Four (4) water main breaks occurred during the year. See attached chart. This was a 25% increase over 2011, when Three (3) main breaks occurred.

2012 Goals: Achieved

1. Replacement of Eight (8) Hydrants
2. Flushing of Hydrants in the spring only
3. Radio Read Meter Reading System upgrades
4. Well # 1 Electrical Upgrades

2013 Goals:

1. Replacement of Twelve (12) Hydrants
2. Hydrant Flushing
3. Radio Reading System Upgrades
4. Replacement of Lead Water Services
5. Rehabilitation of Well Surge Relief Valves

Sewer Collection System:**Regular Hours 2011 - 764****Overtime Hours 12****Regular Hours 2012 - 631 21% decrease****Overtime Hours 44.5 73% increase****Sanitary Sewer Collection System:**

77,793 feet of sewer mains were cleaned during the year. This was a 17% decrease over 2011, when 91,254' of main was cleaned. All three sewer lift stations ran on backup generator power during Hurricane Sandy with no problems reported. Two manholes received minor repairs during the year.

Sewer Emergencies:

Two minor backups were reported to the department during the year. Center Street and Coleman Avenue West, both were cleared with our jet truck. This was 200% increase over 2011, when no reported back-ups were reported.

Maintenance of Sewer Lift Stations:

Normal maintenance was conducted at all three stations during the year. Wet wells were cleaned at the Jackson Avenue and Riverview stations over the course of the year.

Sewer Repairs: None to report**2012 Goals: Achieved**

1. Sewer Lift Station Maintenance
2. Trench Less Sewer Repairs

2013 Goals:

1. Sewer Lift Station Maintenance
2. Sewer Jetting of One Hundred Thousand Feet of Pipe (100,000')
3. Sewer Camera Inspection of Trouble Areas

Mulch Area:

Regular Hours 2011 - 811

Overtime Hours 183

Regular Hours 2012 – 885 8% increase

Overtime Hours 175.5 4% decrease

The beginning of the year started off very busy at the area. The normal burning of Christmas trees was not conducted; therefore the tub grinder was brought in to take care of the abundance of discarded trees from town. Leaf windrow temperatures were taken and rows turned as needed. Resident's mulch deliveries were processed, and a stock pile of mulch was kept at the area for resident to pick up. Grass was removed during the year as needed. After Hurricane Sandy hit all storm debris was brought to the area. An outside contractor was brought in for the tub grinding to process large logs, and branches from the storm.

Parks Activities:

In May of each year the Department is in charge of preparing the Memorial Park Pool for the upcoming season. Water is turned on, and plumbing is checked for leaks in the bath house. New construction of the pools was conducted by an outside contractor. Winterization of the bath house was conducted at the end of the season.

Recycle Center:

Regular Hours 2011 – 367

Overtime Hours 18.5

Regular Hours 2012 – 336 9% decrease

Overtime Hours 31 40% increase

This Division is also in charge of the Recycling Center off of Summit Avenue. Weekly pick up of recycling from Public Works and Borough Hall is conducted. General maintenance is done as needed.

2012 Water Work

Water Service Replacements & Repairs

Date	Location	Type of Work
1/24/12	80 N. Passaic Ave.	Replace Lead Service / 3/4" Corp/ 3/4" Curb Stop/ 3/4" 90 / 8' 3/4" Copper
2/9/12	22 N. Summit Ave.	Replace Lead Service / 3/4" Corp/ 3/4" Curb Stop/ 3/4" 90/ 4' 3/4" Copper / New Key Box
2/16/12	7 Chestnut St.	Replace Lead Service / 3/4" Corp/ 3/4" Curb Stop/ 3/4" Union / 20' 3/4" Copper
3/12/12	28 Oliver St.	Replace Lead Service – 3/4" Corp / 3/4" Curb Stop / 10' 3/4" Copper / Key Box
3/12/12	28 Oliver St.	Water Main Marked With Year 1897
3/15/12	36 Weston Ave.	Replace Lead Service – 3/4" Corp / 3/4" 90 / 3/4" Curb Stop / Lead Adpt / 6' 3/4" Copper / New Key Box
4/9/12	204 Watchung Ave.	Replace Lead Service- 3/4" Corp / 3/4" Curb Stop / 8' 3/4" Copper / New Key Box
5/10/12	44 Minton Ave.	Replace Lead Service- 3/4" Corp / 3/4" Curb Stop / 20' 3/4" Copper / New Key Box
5/16/12	17 N. Summit Ave.	Replace Leaking Lead Service-3/4" Corp/3/4" Curb Stop / 30' 3/4" Copper 3/4"x1" Adapter / New Key Box
7/31/12	38 Hedges Ave.	Replace Lead Service – 4"x3/4" Tapping Saddle - 3/4" Corp, 3/4" Curb Stop, New Key Box- 30' 3/4" Copper
8/2/12	105 Center Ave.	Tap New Service-4"x1" Tapping Saddle, 1" Corp, 1" Curb Stop, 30' 1" Copper, New Key Box

Key Box / Curb Stop Repairs

Date	Location	Type of Work
1/5/12	13 Vincent St.	Dig & install New Key Box
1/25/12	7 Somerset Ave.	Dig & Install New Key Box
2/23/12	57 Hedges Ave.	Cut & Installed Top Section of Key Box & Installed Repair Lid
7/25/12	109 Chatham St.	Dig & Repair Curb Stop, Install New Key Box
8/24/12	140 Hillside Ave.	Dig & Repair Curb Stop / Install New Key Box
8/28/12	22 Oak Dr.	Dig & Replace Key Box
9/25/12	137 Hillside Ave.	Dig & Replace Key Box
10/1/12	39 Elmwood Ave.	Dig & Install New Key Box
10/26/12	37 Highland Ave.	Dig & Reset New Key Box
11/28/12	59 Lincoln Ave.	Dig & Repair Curb Stop / Install New Key Box
12/11/12	13 Sussex Ave.	Dig & Repair Curb Stop / New Key Box
12/12/12	1 Front St.	Dig & Install New Key Box
12/21/12	32 E. Coleman Ave.	Dig & Repair Curb Stop / New Key Box

Hydrant Replacements & Repairs

Date	Location	Type of Work
3/21/12	99 Fairmount Ave.	Install 4 1/2' Mueller Hydrant / 4" Valve / 4" Foster Fitting / 4"x 6" Increaser / New Valve Box
3/27/12	83 Fairmount Ave.	Install 5' Mueller Hydrant / 4" Valve / 4"x 6" Increaser / New Valve Box
3/29/12	534 Main St. (rear)	Install 5 1/2' Mueller Hydrant / 6" Valve / 20"- 6" Main / 3 Mega lugs
6/7/12	361 Main St.	Install 4 1/2' Mueller Hydrant / 4x6 Increaser / 4" Valve / Valve Box
6/14/12	42 Rowan Rd.	Install 4 1/2" Mueller Hydrant / 6" Foster Fitting / 6" Valve / 16" Main / 6" Hymax Coupling / Valve Box
9/27/12	64 Chandler Rd.	Install 5' 6" Mueller Hydrant / 1-6" Valve / 1-18" Pipe / 1- Valve Box / 3 Megalug Glands
10/3/12	16 Van Doren Ave.	Install 5' Mueller Hydrant / 6" Valve / Valve Box / 6" Foster Fitting / 6" Hymax Coupling / Rod & Washers
10/11/12	36 Van Doren Ave.	Install 5' Muller / 6" Valve / Valve Box / 6" Foster Fitting / 6" Hymax / 15"-6" Main

Valve Replacements & Repairs

Date	Location	Type of Work
7/15/12	Main St. & University Ave.	New 6" Valve for New 6" Main / New Valve Box
7/27/12	#1 Main St.	Replace 4" Valve / New Valve Box
7/27/12	#26 Main St.	Replace 6" Valve / New Valve Box
8/14/12	424 Main St. / Van Doren Ave. Valve	Replace 4" Valve & 10" Tee / New Valve Box
8/21/12	434 Main St.	Replace 10" Valve / New Valve Box
9/11/12	Longwood Ave. / Standpipe	Raise 2 Valve Boxes

Water Main Breaks & Repairs

Date	Location	Type of Work
4/11/12	26 Main St	4" Main Leak / 4'x 4" Main / 2 Transition Couplings
7/18/12	163-167 Watchung Ave.	6" Main – Joint Leak (Cut Out) Repair / 3' of 6" Main / 2-6" Hymax Couplings
9/19/12	86 Weston Ave.	8" Main – Cracked Main / 2' 8" Main 2- 8" Hymax Fittings
12/29/12	Commerce St. 150' From Watchung Ave.	6" Cracked Main Repaired with 6" Full Circle Clamp

Sewer Work

Sewer Main Repairs

Date	Location	Type of Work

Sewer Manhole Repairs

Date	Location	Type of Work
9/26/12	64 Center St.	Replace MH Ring & Lid
11/12	179 Watchung Ave.	Replace MH Cover

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Department of Public Works
2012 Annual Report

Public Property and Roads:

2011-Regular hours- 18,309

2012-Regular hours- 18,309

2011- Overtime hours-1669.5

2012- Overtime hours-1501

10% decrease

Mission Statement:

We are dedicated to provide professional services that will enhance the quality of life, safety and appearance of the Borough of Chatham. Through educational opportunities personnel continue on the cutting edge of technology. This enables us a means to provide residents with the most modern, efficient and cost effective services in maintaining and improving the infrastructure within the Borough.

Winter:

The winter of 2012 was a relatively mild one. The entire season comprised of several minor snow related events. The first part of the season, winter, consisted of four (4) minor storms. One (1) storm required plowing, and the remaining three (3) were treated with deicing material. During the second part of the season (2) storms required plowing and a few minor events required deicing.

Road Maintenance:

2011-Regular hours- 4923

2012-Regular hours- 4325

12% decrease

2011-Overtime hours-1242

2012-Overtime hours-755

39% decrease

The division's annual town wide pothole repair program continued during the winter months. Approximately three (3) tons of cold asphalt mix was used to make temporary repairs to Borough streets.

Permanent road repairs began in early April and continued through mid October. The division processed twenty-eight (28) residential generated incident requests and repaired a total of twenty-one (21) water ditches. They also prepared twelve (12) roads for the 2012 Micro-Surfacing Program which Asphalt Paving Systems micro-surfaced in Mid-August of 2012. In comparison to the 2011 road repair program which required (320) ton of asphalt, the 2012 required (409) tons of asphalt an overall increase of (28 %) in material.

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Micro- Surfacing:

2011- total 26,491 square yards –

2012- total 26,468 square yards-

1% decrease

2012 Street	Limits	Square Yards
University Avenue	Entire Length	3,363
Taft Street	Entire Length	1,226
Harding Street	Entire Length	970
Milton Avenue	Entire Length	2,433
Weston Avenue	From North Passaic to Hedges Avenue	3,299
Yale Street	From North Passaic to Center Street	414
Coleman Avenue	Weston Avenue to Jackson Avenue	3,117
Jackson Avenue	Entire Length	3,773
Rose Terrace	From Woodland Avenue to town line	1,874
Edgewood Road	From Lafayette Avenue to town line	1,916
Fairfax Terrace	From Lafayette Avenue to town line	880
Dellwood Avenue	From Fairview Avenue to town line	3,203

2012 Road Capital Improvements:

The tentative overlay program did not take place this year and will be addressed in 2013.

2013 Tentative Road Capital Improvements

Overlay the following roads.

1. Center Street from Weston Avenue heading north to dead end
2. Duchamp Place
3. Essex Road

2013 Continue Micro-surfacing program

2013 Replace sidewalk, curbing, and complete necessary road repairs to (16) locations remaining from Hurricane Sandy's uprooting of trees.

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Drainage:

2011-Regular hours- 1668

2012-Regular hours- 1516

9% decrease

2011-Overtime hours- 2

2012-Overtime hours- 7

250% increase

The division continued with its annual drainage improvement projects. Improvements were made to Weston Avenue between North Passaic Avenue and North Hillside Avenue. A trench was excavated along the south curb from house number 29 to 37 Weston Avenue. Two (2) catch basins were built and (300) feet of (6") inch diameter drainage pipe was installed and connected to an existing catch basin located by North Hillside Avenue. The trench was back filled and allowed to settle, based and then paved. The next project location was 11 Elm Place. To alleviate ponding and allow water to flow a two foot wide trench was excavated across the footpath that leads from Coleman Avenue to Milton Avenue. Fifteen (15) feet of (12") inch diameter drainage pipe was installed, the area was backfilled, compacted in layers, and a headwall was built on the south side of the path.

To improve drainage on Summit Avenue (2) new catch basin vaults and frames and grates were installed in front of 48 and 51 Summit Avenue replacing existing smaller basins.

A trench was excavated and a 10 foot of (6") inch drainage pipe was installed to alleviate ponding at the Borough lot located on the corner of North Hillside and Weston Avenue's. In addition, the division removed debris from drainage ditches, catch basin grates and repaired numerous catch basin vaults over the year.

Grounds Maintenance/ Parks:

2011- Regular hours- 838

2012- Regular hours- 823

2% decrease

2011- Overtime hours- 0

2012- Overtime hours- 0

The annual grass maintenance contract continued with D'Onofrio Landscaping. The contract covered all parks, public buildings and public properties. The division continued cutting the grass inside the Community Garden fenced in area.

The division continued with routine maintenance not covered by the contract consisting of the following- The trimming of shrubs, and the weeding and mulching of beds.

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Recreation:

2011-Regular hours- 1020

2012-Regular hours- 1643

60% increase

2011-Overtime hours-1

2012-Overtime hours-4

300 % increase

The division continued with its support of all recreation programs throughout the year. This is comprised of the daily or weekly maintenance of baseball, soccer, lacrosse and football fields. In addition, the division painted temporary lines for soccer, football and lacrosse on the Borough's artificial turf field at Lum. The Public Works Department also continued with daily ball diamond maintenance on Board of Education fields located at Milton Avenue and Washington Avenue Schools. The division also processes numerous "Request for Service" generated by the Recreation Department.

This year with the renovations to Memorial Park the division assisted with several projects within the park. With the aid of the Summit Public Works, as part of the shared services agreement, the existing basketball court was overlaid with (2") inches driveway mix utilizing Summits paving box .The area was then fenced in and a section of the commuter path was moved to accommodate pedestrian flow thru the playground area.

The division excavated, based and paved the new section of the footpath. The old section was removed and both areas received soil renovations with the addition of topsoil, seed and hay.

Clay was added to all ball diamonds and carpet mulch was applied to the playground fall zones.

Leaf collection:

2011- Cubic yards collected- 770

2012- Cubic yards collected – 3,450

340% increase

Two weeks into the season Hurricane Sandy struck and once again put a hold on leaf collection until November 26, 2012. Combined with good weather and weekend overtime the department was able complete an entire one round collection of all zones by December 12, 2012. The department collected 3,450 cubic yard this year. This year's volume was up in comparison to last year's low collected amount of 770 cubic yards which was due to the Nor'easter of 2011. The department normally collects in the neighborhood of 4,700 cubic yards of leaves, and private landscape companies bring in an additional 1,400 cubic yards.

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Municipal Maintenance:

2011-Regular hours- 4502

2012-Regular hours- 4151

9%- Decrease

2011-Overtime hours- 166

2012-Overtime hours- 75

55%- Decrease

Some highlights that occur during winter months of 2012 were the division spackled and applied a fresh coat of paint to the office spaces occupied by the Detective Bureau, Administrative Assistant and Community Service's divisions at police headquarters. The crew then moved over to the Firehouse where they caulked and painted the interiors of all the windows that were replaced in 2011.

At the Mayors and Council request, the present dais height was lowered by six inches to improve vision. Rather than build a new dais, Mike Kliesch and Vito Milano were able to cut and remove a six inch wide section of wood and lower the entire top of the dais in place flawlessly. The areas were caulked, trim was replaced and the entire dais was primed and painted. In addition all trim located in the council chambers was painted

Light bulbs throughout Borough Hall were periodically replaced as needed, and the division processed numerous "Request for Service" throughout the year. In addition the department made preparations for the Fourth of July Parade, Fire Departments Annual Fishing Derby, and Annual Green Fair.

2013 Building Maintenance Goal:

- ❖ Spackle and paint hallways located inside police headquarters
- ❖ Build a desktop with draws and install in the Communication Watch Office located at the Fire Department.

Shade Tree:

2011-Regular hours- 4476

2012-Regular hours- 5460 –

22%- Increase

2011-Overtime- 259.5

2012-Overtime- 655

152%- Increase

The division conducted a scheduled annual brush pickup in March of 2012. In addition, Two (2) town wide brush collections were performed in wake of Hurricane Sandy, October 29, 2012. A total of 53 uprooted trees were cut up and removed. The division also responded to numerous storms related incident requests for service throughout town.

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Here is a list of the routine incident requests below.

	2011	2012	
Shade Tree Requests	241	412	+71%
Pruned In House	143	246	+72%
Removed In House	53	95	+79%
Trees Contracted Pruning	16	39	+144%
Trees Contracted for Removal	18	20	+11%
Trees Removed by JCP&L	7	12	+71%
Trees Pruned By JCP&L	0	0	
Shared Services Trees Removed- Summit	0	0	
Shared Services Trees Trimmed-	0	0	
Stumps Ground	66	76	+15%
Trees Planted for Shade Tree	0	0	

2012 Shade Tree Goal for:

Systematically work in sections from east to west in each zone, correcting tree issues caused by the October 2011 Nor'easter.

This goal was met, a crew of 3 employees worked from the first week of January thru August of 2012 removing hangers from borough owned trees in all 3 zones.

2013 Shade Tree Goal 2012

Remove all (56 stumps) remaining from Hurricane Sandy Prior to spring backfill top soil and seed areas.

Signs and Traffic Control:

2011 Regular hours- 326

2012 Regular hours- 191

41%- Decrease

2011 Overtime 0 hours

2012 Overtime 5 hours

500%- Increase

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Painted Lines

	2011	2011	2012	2012	
Line Striping	Length in Feet	Gallons of Paint	Length in feet	Gallons of Paint	
White	16,326	35	18,326	42	+20%
Yellow	8,319	20	17,470	40	+50%
Blue	1,100	5	1,100	5	0%

Thermoplastic lines

Color	2011	2011	2011	2012	2012	2012	
	Length in feet						
	4" Lines	8" Crosswalks	12" Stop bars	4" Lines	8" Crosswalks	12" Stop bars	
White		1,096			2,477		+126%
			220			311	+41%
Yellow	2,774			2,508			-9%

Completed Sign & Traffic Control Goals for 2012:

The Borough awarded Denville Line Striping Inc. the 2012 contract to apply thermoplastic traffic markings. The thermoplastic line striping program consisted of crosswalks, stop bars and yellow center lines.

Street sign poles were straightened throughout town.

The division processed numerous work orders regarding sign installation from the police department's traffic unit.

Sign & Traffic Control Goals for 2012:

Street sign poles were straightened throughout town.

Borough of Chatham
Department of Public Works
Fleet maintenance
2012 Yearly Report

Mission Statement:

This Division's primary responsibilities include maintenance, scheduling, service and repair of vehicles and equipment used by the Police, Fire and Public Works Departments in the most effective and cost efficient manner possible. Secondary responsibilities include making repairs to water plant equipment, well houses and sewer lift stations. Participate in ice and snow control and leaf maintenance as required.

Police Department:

The Police department purchased one (1) new sport utility vehicle and one (1) new patrol car to replace ageing units.

Police Vehicles

5- Marked units

2- Unmarked units

5- Sport utility vehicles

1- Parking meter SUV

Public Works Department:

This Division purchased a new road milling attachment for paving and a new stump grinder attachment that are used on the Gehl skid steer. The division also purchased a new leaf vacuum to replace an ageing unit.

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Fleet maintenance
2012 Yearly Report

Public Works Vehicles

4- Pickup Trucks

8- Dump Trucks

3- Mason Dump Trucks

2- Utility Service Trucks

1- Street Sweeper

2- Front End Loaders

2- Backhoes

1- Skid Steer Loader

1- Sewer Jet/Vacuum

1- Packer Truck

1- Sewer camera Van

1- Material Separator

1- Sport utility Vehicle

This Division also services another one hundred and two (102) pieces of equipment.

Fire Department:

The division will be performing preventive maintenance on the Chief's vehicle and the department's pickup truck every 3000 miles. We will perform any emergency repairs needed to keep the fleet up and running at all times.

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2012 Yearly Report

Fire Department Vehicles

- 3- Pumpers
- 1- Aerial Ladder truck
- 1- Rescue Truck
- 1- Pickup Truck
- 1- Sport Utility Vehicle
- 1- Inspectors car

2012 Goals:

1. To purchase a new tire changing machine
Purchased 6-12-2012
2. To purchase an oil filter crusher
Purchased 6-28-2012

2013 Goals:

1. To upgrade fuel island.
2. To purchase a used oil tank for furnace in metal garage.
3. To purchase a new toolbox.

Borough of Chatham
 Department of Public Works
 Fleet maintenance
 2012 Yearly Report

Police dept

<u>Unit #</u>	<u>Description</u>	<u>Cost 2011</u>	<u>Cost 2012</u>	<u>% + -</u>
#16	2011 Ford Explorer	\$78.45	\$279.93	256.82 +
#17	2002 Chevrolet Suburban	\$1,006.65	\$1,709.54	69.82 +
#18	2010 Ford Crown Victoria	\$61.98	\$1,221.30	1870.47 +
#19	2011 Ford Crown Victoria	\$75.95	\$1,389.01	1728.85 +
Old #20	2008 Ford Crown Victoria	\$462.44		0
#20	2012 Ford Explorer		New	0
#21	2008 Ford Crown Victoria	\$3,809.80	\$2,261.18	40.65 -
#22	2008 Ford Crown Victoria	\$3,362.10	Open	0
Old #24	2003 Dodge Neon	\$954.24	Sold	0
New #24	2012 Jeep Liberty	New	New	0
#25	2006 Ford crown Victoria	\$465.92	\$1,097.17	135.48 +
Old #26	2003 Ford crown Victoria	\$1,004.25		0
#26	2008 Ford crown Victoria		\$2,355.84	0
#27	2008 Dodge Durango	\$279.74	\$708.33	153.21 +
#28	2004 Dodge Durango	\$2,111.41	\$1,223.17	478.54 -
#29	2011 Ford Crown Victoria	<u>\$393.84</u>	<u>\$556.86</u>	<u>41.39 +</u>
	Total	\$10,704.67	\$12,802.33	19.60 +



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<u>Unit #</u>	<u>Description</u>	<u>Cost 2011</u>	<u>Cost 2012</u>	<u>% + -</u>
M-1	2004 Ford F-350 Service Truck	\$152.46	\$1,482.05	872.09 +
PU #1	2009 Ford F-350 Pick Up Truck	\$126.56	\$214.13	69.19 +
PU #2	2001 Ford F-250 Pick Up Truck	\$131.22	\$1,033.74	687.80 +
PU #4	2001 Ford F-250 Pick Up Truck	\$153.77	\$230.40	49.83 +
W-1	2006 Ford F-550 Service Truck	\$590.97	\$654.33	10.72 +
W-2	2004 Ford F-350 Pick Up Truck	\$772.56	\$892.06	15.47 +
T-1	2012 International 7400 Dump Truck	\$0.00	\$0.00	0
T-2	2009 International 7400 Dump Truck	\$727.85	\$197.03	72.92 -
T-5	2005 International 7400 Dump Truck	\$348.09	\$548.22	57.49 +
T-6	2007 GMC C8500 Dump Truck	\$352.56	\$250.78	28.87 -
T-7	2007 International 7400 Dump Truck	\$348.62	\$5,078.43	1356.97 +
T-8	2003 GMC C7500 Bucket Truck	\$358.85	\$1,693.81	372.01 +
T-9	2003 GMC C8500 Dump Truck	\$456.67	\$1,130.09	147.47
T-10	2004 GMC C8500 Dump Truck	\$512.71	\$965.57	88.33 +
T-11	2008 Ford F-550 Dump Truck	\$742.03	\$151.60	79.57 -
T-12	2004 GMC C8500 Dump Truck	\$974.95	\$356.65	63.42 -
T-14	2005 GMC C4500 Dump Truck	\$1,981.79	\$1,138.06	42.57 -
T-15	2011 Ford F-550 Dump Truck	\$2,083.97	\$354.23	83.00 -
T-16	2000 Ford F-350 Dump Truck	<u>\$1,494.95</u>	<u>\$229.29</u>	<u>84.66 -</u>
Total		\$12,310.58	\$16,600.47	34.85 +



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<u>Unit #</u>	<u>Description</u>	<u>Cost 2011</u>	<u>Cost 2012</u>	<u>% + -</u>
#34	2004 International Sewer Jet	\$1,252.36	\$949.13	24.21 -
#35	2002 John Deere Backhoe	\$725.42	\$1,060.16	46.14 +
#36	2002 Case Front End Loader	\$1,370.67	\$2,056.18	50.01 +
#37	2004 John Deere Front End Loader	\$3,643.26	\$4,837.94	32.79 +
#38	2005 John Deere Backhoe	\$880.58	\$9,071.34	930.16 +
#42	2006 Elgin Street Sweeper	\$295.95	\$1,898.31	541.43 +
#44	2002 Gehl Skid Steer	<u>\$1,132.03</u>	<u>\$1,627.64</u>	<u>43.78 +</u>
	Total	\$9,300.27	\$21,500.70	131.18 +



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<u>Unit #</u>	<u>Description</u>	<u>Cost 2011</u>	<u>Cost 2012</u>	<u>% +/-</u>
LV #1	2008 ODB Leaf vacuum	\$1,573.44	\$1,925.37	22.37 +
LV #2	2008 ODB Leaf vacuum	\$1,998.66	\$3,624.17	81.33 +
LV #3	2004 ODB Leaf vacuum	\$1,573.44	\$248.67	84.20 -
LV #4	2012 ODB Leaf vacuum	<u>New</u>	<u>New</u>	
	Total	\$5,145.54	\$5,798.21	12.68 +

