



COUNCIL MONTHLY REPORT

DEPARTMENT: PUBLIC WORKS

MONTH: NOVEMBER 2016

PUBLIC WORKS

During October, Public Works staff responded to 104 requests for service submitted through the City's E-Gov software. Of those requests for service 33% were generated from outside City Hall.

Public Works staff ran the street sweeper five times in November. The table below records the debris recovered, diesel used, hours swept, and the volume of water used.

Date Swept	Diesel Used (gallons)	Hours Swept	Collected Amount (cubic yards)	Water Used (gallons)
11/3/2016	10	3	6	150
11/10/2016	11	3	8	150
11/17/2016	11	4	8	150
11/18/2016	9	2	4	75
11/23/2016	14	4	6	150
NOVEMBER	55	16	32	675

In November, there were four cuts of the irrigated areas (those areas of the City with sprinkler systems), three cuts of the non-irrigated areas and one cut to the I-45 Feeder. Once a week BrightView's staff checks these areas and picks up any debris. Cuts were also made to the City's detention ponds.

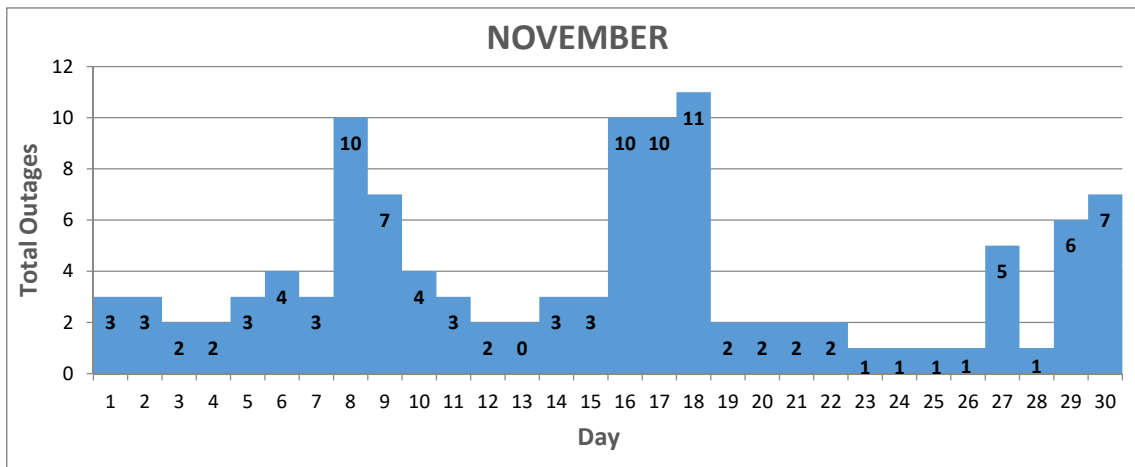
Public Works staff performs two checks of the City Parks during the weekdays and once on Saturday and Sunday. During the morning and afternoon checks, trash cans are emptied if needed, bathrooms are checked for cleanliness, and a general inspection is performed.

Solar streetlights were monitored during the month for outages, battery replacements, maintenance issues, and testing. The batteries recovered are those that showed a failure upon first testing when removed from the solar light, but staff was able to perform a 16V boost and recover some of the lost capacity.

SOLAR STREETLIGHT DATA

Item Monitored	Quantity
Average number of lights out per day	3.9
Number of lights with battery change outs	24
Number of batteries tested	20
Number of battery replaced (failures)	0
Number of batteries recovered	16
Number of controllers replaced	0
Number of fixtures replaced	0
Number of solar panels replaced	0
Number of drivers replaced	0
Number of wiring issues	0

Light outages are recorded when either the light does not come on during the night or the light goes out sometime during the night. The chart below shows the number of street light outages per day for the month. This represents the total number of lights out each day and does not identify specifically which lights are out.



PUBLIC WORKS, PARKS, POOL AP REPORT

Fund: 100 - 30 - Public Works			Payment Dates 11/01/2016 - 11/30/2016	
Vendor Name	Payment Date	Payment Number	Description (Item)	Amount
SAM'S CLUB DIRECT	11/02/2016	4017	SUPPLIES FOR CITY HALL	170.06
BRIGHTVIEW LANDSCAPES, LLC	11/02/2016	3985	OCT 2016 CITY LANDSCAPING & IRRIGATION	14,549.25
OFFICE DEPOT CREDIT PLAN	11/02/2016	4011	OFFICE CHAIRS FOR PW	339.96
GRAINGER, INC.	11/02/2016	4002	SPOON DISPENSER REFILLS, HW-OCT 2016	88.22
GRAINGER, INC.	11/02/2016	4002	KNIFE DISPENSER REFILLS, HW-OCT 2016	88.22
GRAINGER, INC.	11/02/2016	4002	FORK DISPENSER REFILLS, HW-OCT 2016	88.22
BUCKEYE CLEANING CENTER	11/02/2016	3986	MULTI FOLD TOWELS-CITY HALL-OCT 2016	96.00
BUCKEYE CLEANING CENTER	11/02/2016	3986	TOILET TISSUE-CITY HALL-OCT 2016	160.00
BUCKEYE CLEANING CENTER	11/02/2016	3986	55 GAL DRUM LINERS-CITY HALL-OCT 2016	96.00
HOME DEPOT CREDIT SERVICES	11/09/2016	4043	SUPPLIES FOR PUBLIC WORKS	359.02
MONTGOMERY COUNTY PCT 3	11/09/2016	4055	OCT 15, 2016 TRASH BASH-HOUSEHOLD CHEM	1,100.00
HOME DEPOT CREDIT SERVICES	11/09/2016	4043	ENTRANCE SIGN REPAIR-WELLMAN @ GROGANS MILL	68.09
LIBERTY FIRE PROTECTION, INC	11/09/2016	4049	PHOTOELECTRIC SMOKE DET. HEAD REPAIR-11.3.2016	256.33
DANIEL OFFICE PRODUCTS	11/09/2016	4037	OFFICE SUPPLIES FOR PW & FRONT DESK	124.75
ABC HOME/COMM SRVCS OF HOU.	11/09/2016	4025	OCT 2016 MONTHLY PEST CONTROL	200.85
BRIGHTVIEW LANDSCAPES, LLC	11/09/2016	4031	CITY PARK DEAD TREE REMOVAL-OCT 2016	1,778.75
BRIGHTVIEW LANDSCAPES, LLC	11/09/2016	4031	HOLLY HILL DEAD TREE REMOVAL-OCT 2016	875.00
BRIGHTVIEW LANDSCAPES, LLC	11/09/2016	4031	PARKGATE DEAD TREE REMOVAL-OCT 2016	625.00
GRAINGER, INC.	11/09/2016	4042	METAL HALIDE LAMP, 400W, ED37-OCT 2016	70.14
DEPENDABLE KLEENING SERVICE	11/09/2016	4038	OCT 2016 OFFICE CLEANING	3,642.83
AT & T CORP.	11/09/2016	4028	OCT 2016 FIRE ALARM SERVICE LINES	115.44
CENTERPOINT ENERGY	11/09/2016	4033	PW BLDG -NAT GAS SERVICE-9.30-10.31.16	21.62
ENTERGY	11/09/2016	4040	NOV 2016 ELECTRIC USAGE-PNR	1,885.07
ENTERGY	11/09/2016	4040	NOV 2016 ELECTRIC USAGE-PW BLDG	1,055.94
ENTERGY	11/09/2016	4040	NOV 2016 ELECTRIC USAGE @ CITY HALL	5,228.64
SHRED PRO SERVICES	11/09/2016	4057	OCT 15, 2016 TRASH BASH-SHREDDING	480.00
MEMORIAL HERMANN HOSPITAL	11/16/2016	4088	DRUG SCREENS-PW-A. CARREON	47.75
BRANCH BANKING AND TRUST CO.	11/16/2016	4074	LOTA ROPE LIGHT T-CONNECTORS	99.50
BRANCH BANKING AND TRUST CO.	11/16/2016	4074	2016-2017 PW VEHICLE RESTRATION	14.56
SKELTON BUSINESS EQUIPMENT	11/16/2016	4095	OCT 2016 PW COPIER MAINT. AGREEMENT	187.07
NORTHERN TOOL/EQUIPMENT CO.	11/16/2016	4090	STRUCTURAL FOAM SERVICE CART-PW-NOV 2016	101.14
ULINE, INC	11/16/2016	4101	PW-BARRICADE TAPE-CAUTION-3"X1000-NOV 2016	61.24
GRAINGER, INC.	11/16/2016	4083	DROP OVER CABLE PROTECTOS-NOV 2016	907.80
VERIZON WIRELESS	11/16/2016	4103	PW AIRCARD FEES 9/24-10/23	39.99
VERIZON WIRELESS	11/16/2016	4103	PW CELL PHONE CHARGES/MIFI 9/24-10/23	200.92
BRANCH BANKING AND TRUST CO.	11/16/2016	4074	TRAVEL & TRAINING - SEARLY	531.86
VALERO MARKETING AND SUPPLY CO.	11/16/2016	4102	2016-2017 PW VEHICLE FUEL	52.30
CUMMINS SOUTHERN PLAINS LLC	11/21/2016	4114	PW BLDG-QTRLY GEN INSP-255895-11.17.16	269.00
FLEETTRAX, INC.	11/21/2016	4117	NOV 2016 GPS MONTHLY AIRTIME-PW	139.75
TOTAL AIR SERVICE	11/21/2016	4138	NOV 2016 HVAC CHILLER INSP & PM MAINTENANCE	656.00
TOTAL AIR SERVICE	11/21/2016	4138	NOV 2016 HVAC PM & MAINTENANCE	885.50
NOVELTY LIGHTS, INC.	11/21/2016	4124	COOL/PURE WHITE LED SPOOL 150' 1/2" 2 WIRE	870.00
NOVELTY LIGHTS, INC.	11/21/2016	4124	INVISIBLE SPLICES-2 WIRE 1/2" ROPE LHTS 10PK	196.80
NOVELTY LIGHTS, INC.	11/21/2016	4124	END CAPS FOR 1/2" ROPE LIGHTS 10 PK	10.00
SIGNS NOW #440	11/21/2016	4131	TODDLER PARK SEE SAW REFL Y/G SIGN	677.30
CUMMINS SOUTHERN PLAINS LLC	11/30/2016	4147	CITY HALL-QTRLY GEN INSP-H100145676	269.00

SAM'S CLUB DIRECT	11/30/2016	4160	SUPPLIES FOR CITY HALL	257.27
A & A GRAPHICS SUPPLY	11/30/2016	4142	OCT 2016 PLOTTER MAINTENANCE AGREEMENT	50.78
LIBERTY FIRE PROTECTION, INC	11/30/2016	4155	ANNUAL FIRE EXTINGUISHER INSPECTION-NOV 2016	130.00
BIRCH COMMUNICATIONS, INC	11/30/2016	4144	FIRE ALARM LINE @ CITY HALL-11.18 - 12.17.16	88.62
BRIGHTVIEW LANDSCAPES, LLC	11/30/2016	4145	NOVEMBER 2016 CITY LANDSCAPING & IRRIGATION	14,549.25
TOTAL AIR SERVICE	11/30/2016	4165	NORTH CHILLER PROGRAMMING VERIFICATION	220.53
TOTAL AIR SERVICE	11/30/2016	4165	HVAC-VAV CONTROLLERS-CITY HALL-NOV 2016	1,665.00
DEPENDABLE KLEENING SERVICE	11/30/2016	4149	NOVEMBER 2016 OFFICE CLEANING SERVICE	3,642.83
TEXAS STATE BOARD OF PLBG EXAMRS	11/30/2016	4162	PLUMBING LICENSE RENEWAL-SEARLY-NOV 2016	55.00
Fund: 100 - 30 - Public Works Total:				60,440.16

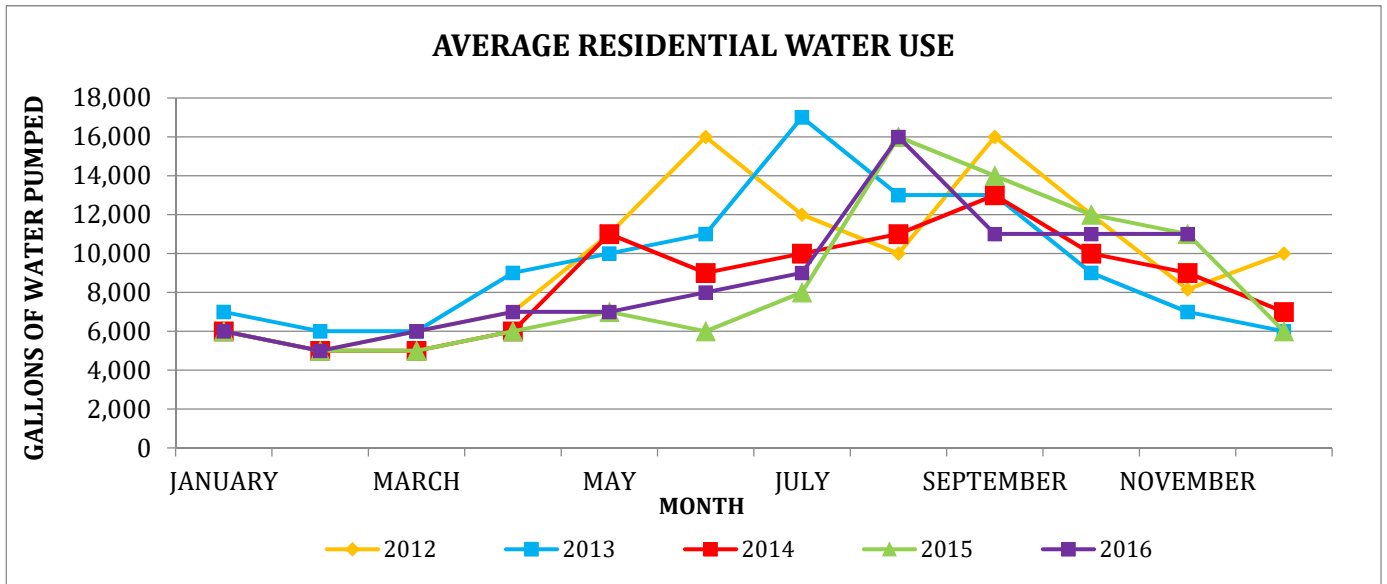
Fund: 100 - 31 - Swimming Pool		Payment Dates 11/01/2016 - 11/30/2016		
Vendor Name	Payment Date	Payment Number	Description (Item)	Amount
AT & T CORP.	11/09/2016	4028	OCT 2016 LAND & INTERNET LINE SERVICE-POOL	158.06
CENTERPOINT ENERGY	11/09/2016	4033	POOL-NAT GAS SERVICE-9.30-10.31.16	18.94
ENERGY	11/09/2016	4040	NOV 2016 ELECTRIC USAGE-POOL	526.22
VERIZON WIRELESS	11/16/2016	4103	POOL CELL PHONE CHARGES/MIFI 9/24-10/23	50.23
SIGNS NOW #440	11/30/2016	4161	EMERGENCY INFO SIGN FOR THE POOL-NOV 2016	122.80
Fund: 100 - 31 - Swimming Pool Total:				876.25

Fund: 100 - 32 - Parks		Payment Dates 11/01/2016 - 11/30/2016		
Vendor Name	Payment Date	Payment Number	Description (Item)	Amount
BUCKEYE CLEANING CENTER	11/02/2016	3986	55 GAL DRUM LINERS-PARK-OCT 2016	96.00
BUCKEYE CLEANING CENTER	11/02/2016	3986	TOILET TISSUE-PARK-OCT 2016	160.00
HOME DEPOT CREDIT SERVICES	11/09/2016	4043	LANDSCAPE REPAIR-TODDLER PARK	138.27
CROWN PAPER & CHEMICAL	11/09/2016	4069	10" PAPER TOWELS W/INSERT-PARK-OCT 2016	139.00
CROWN PAPER & CHEMICAL	11/09/2016	4069	10" PAPER TOWELS W/INSERT-PARK-OCT 2016	139.00
BSN SPORTS, LLC.	11/09/2016	4032	STRAPS FOR THE BATTING CAGE NETS-OCT 2016	80.00
BSN SPORTS, LLC.	11/09/2016	4032	PLYESTER CENTER STRAP-TENNIS NET-PARK-OCT 2016	24.57
AT & T CORP.	11/09/2016	4028	OCT 2016 FIRE ALARM LINES @ PARK	167.27
ENERGY	11/09/2016	4040	OCT 2016 ELECTRIC USAGE-CITY PARK	199.57
ENERGY	11/09/2016	4040	OCT 2016 ELECTRIC USAGE-TODDLER PARK	12.22
AT & T CORP.	11/16/2016	4072	10/27-11/26/2016 U-VERSE SERVICE @ PARK	41.02
AT & T CORP.	11/30/2016	4143	FIRE ALARM LINES @ PARK-11.13 - 12.12.16	179.84
Fund: 100 - 32 - Parks Total:				1,376.76

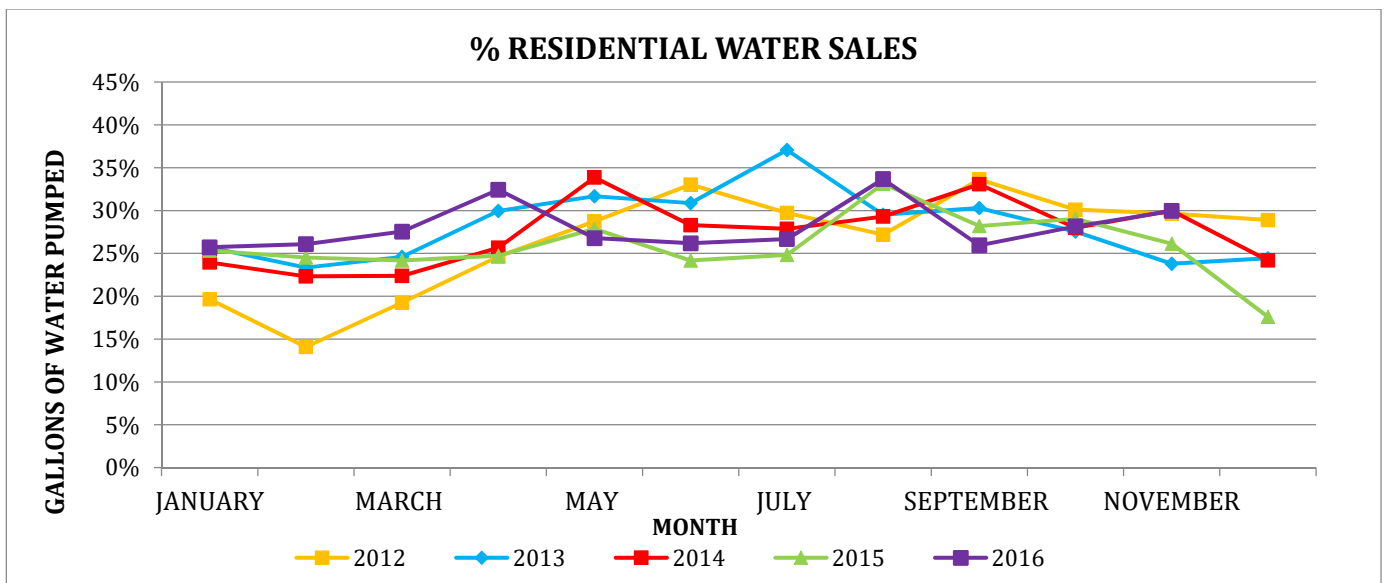
WATER & SEWER

Water and sewer data is reported on monthly reports as calendar months except for the average residential water use and the water loss data which are reported for the billing month as these data points are based on use data which is only available on a billing month cycle. Data reported with the utility billing report is reported as a billing month.

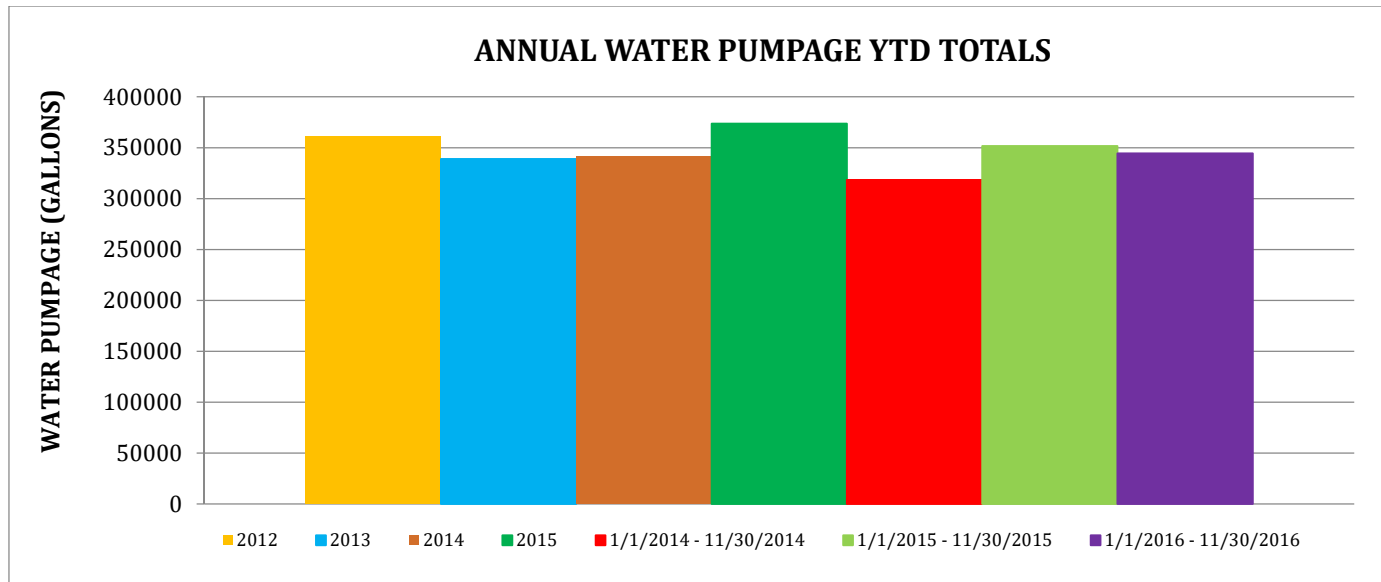
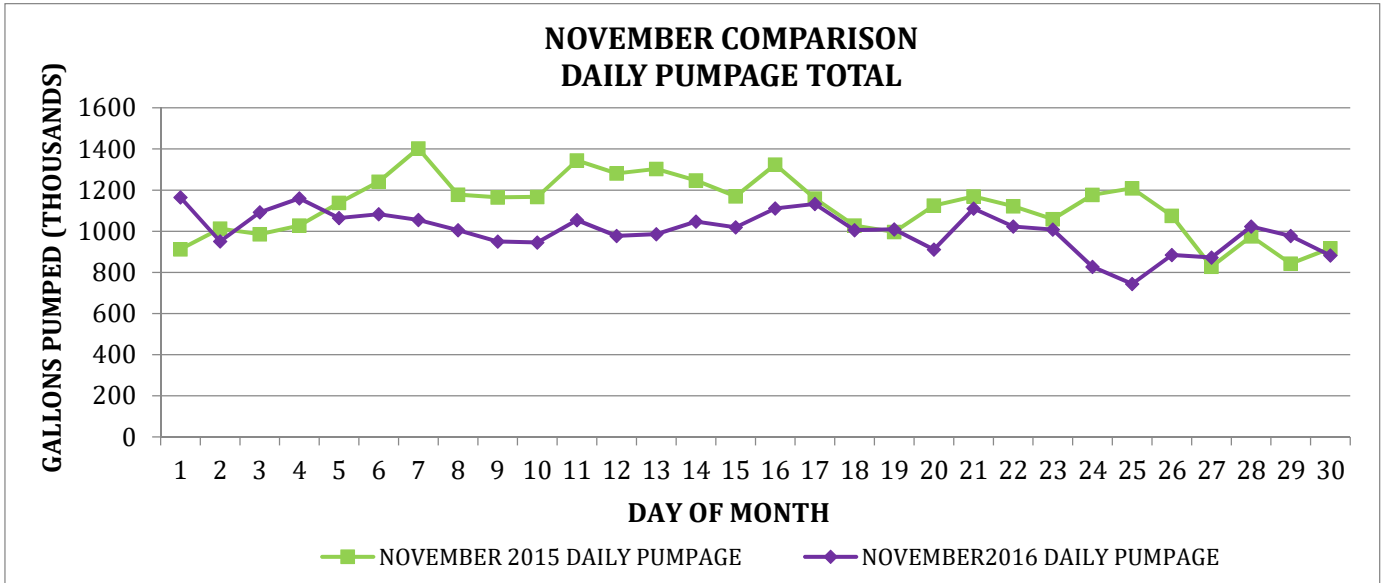
Groundwater production for the calendar month of November was approximately 30.07 million gallons with an average daily use of 1,002,000 gallons. The average residential water use for the billing month was 11,000 g gallons. The next chart shows the average residential water use for each month compared to previous months.



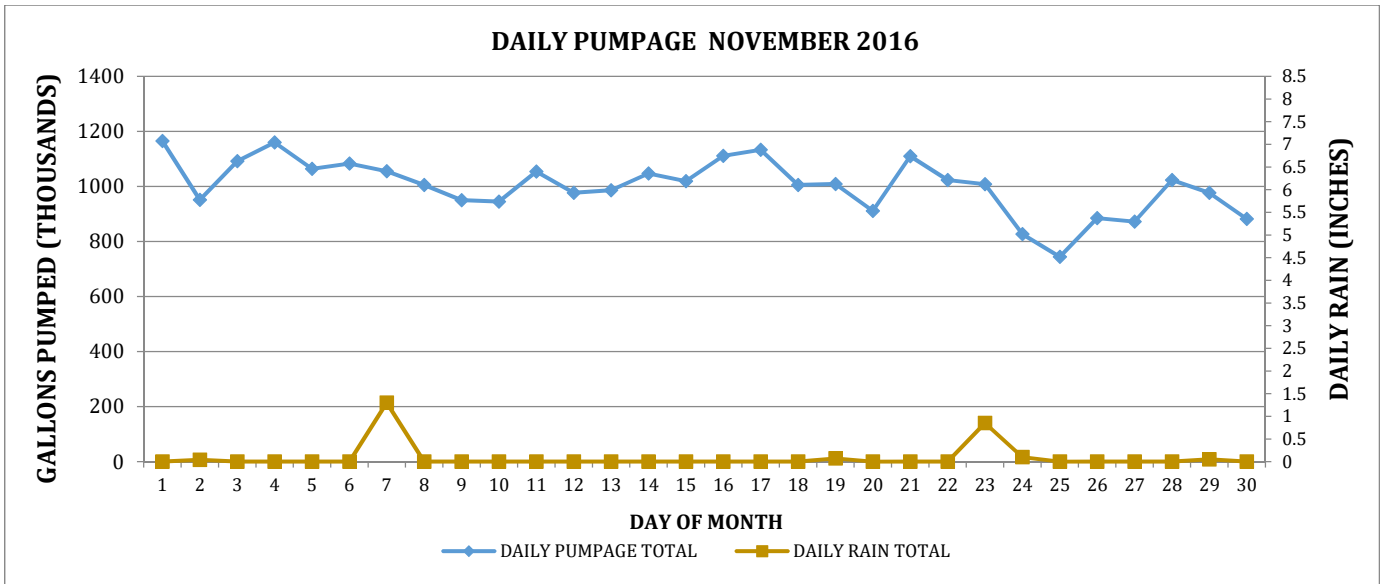
The chart below shows how much residential water sales have accounted for. In November 2015 residential water sales accounted for 26.12% of all water sales compared to 29.96% for the current month.



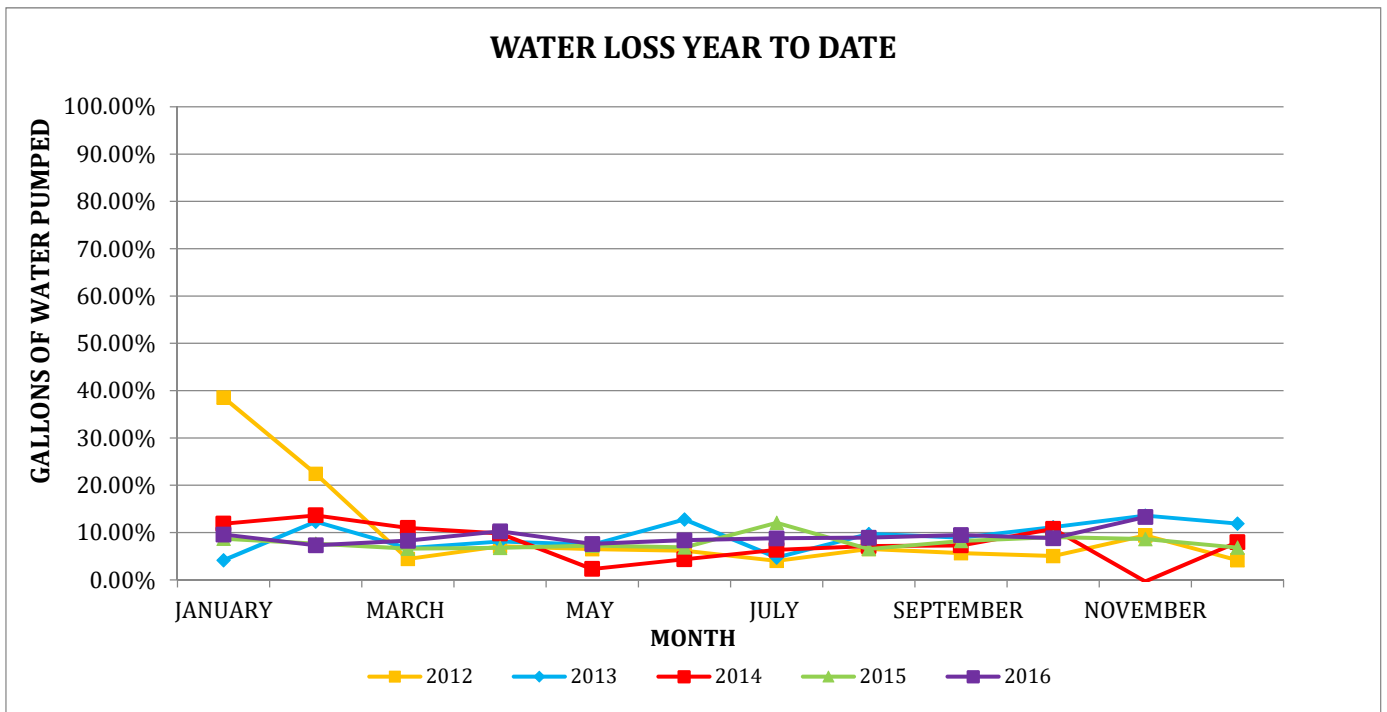
The next two charts show the daily pumpage data compared to previous years. Through November the City has pumped 344.4 million gallons of water this year. Last year during the same period the City pumped 351.7 million gallons.



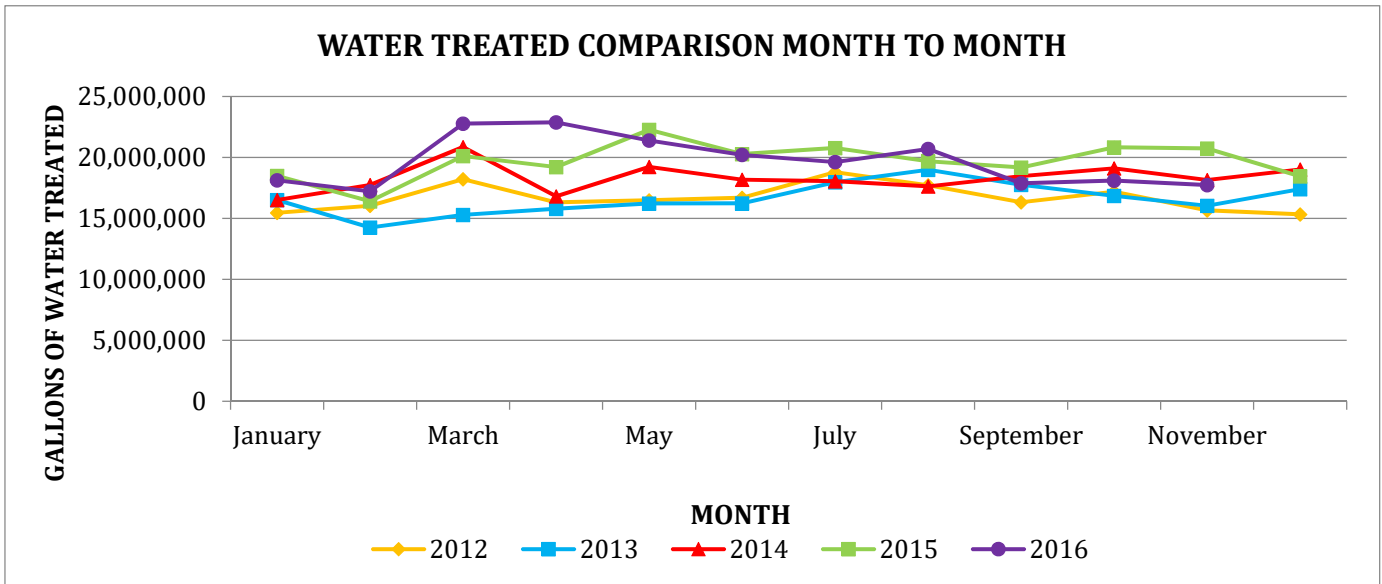
The next chart shows the daily pumpage compared with rain.



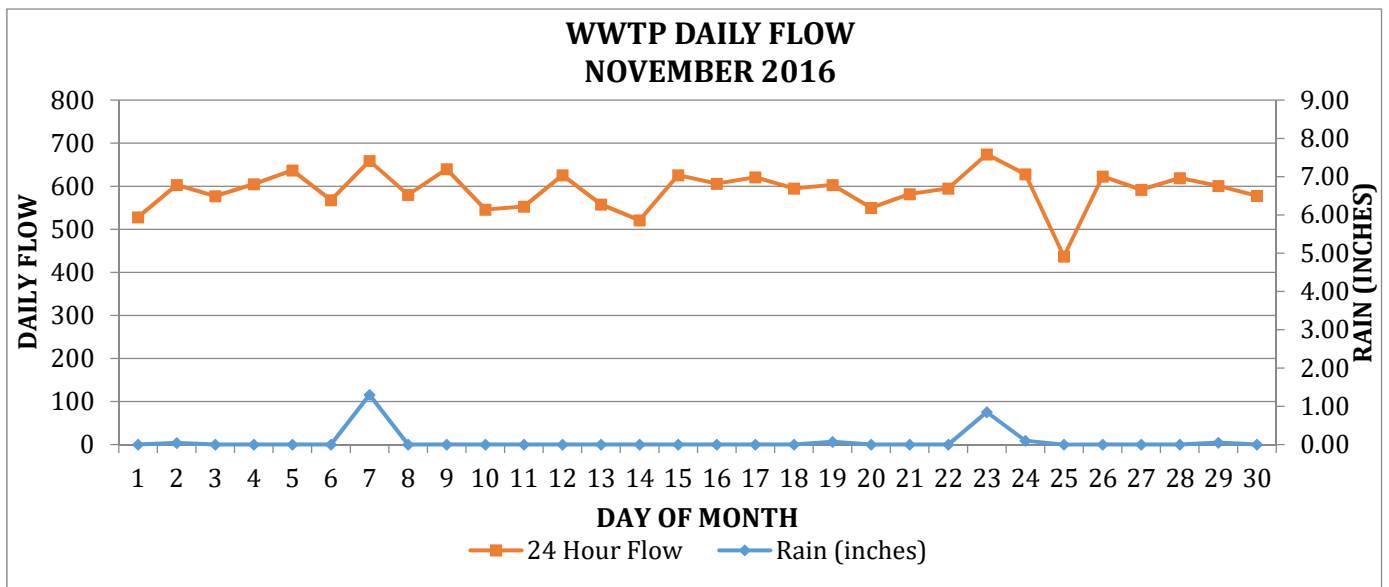
The water loss for the month of November was 13.29%. The chart below compares the loss rate to previous years.



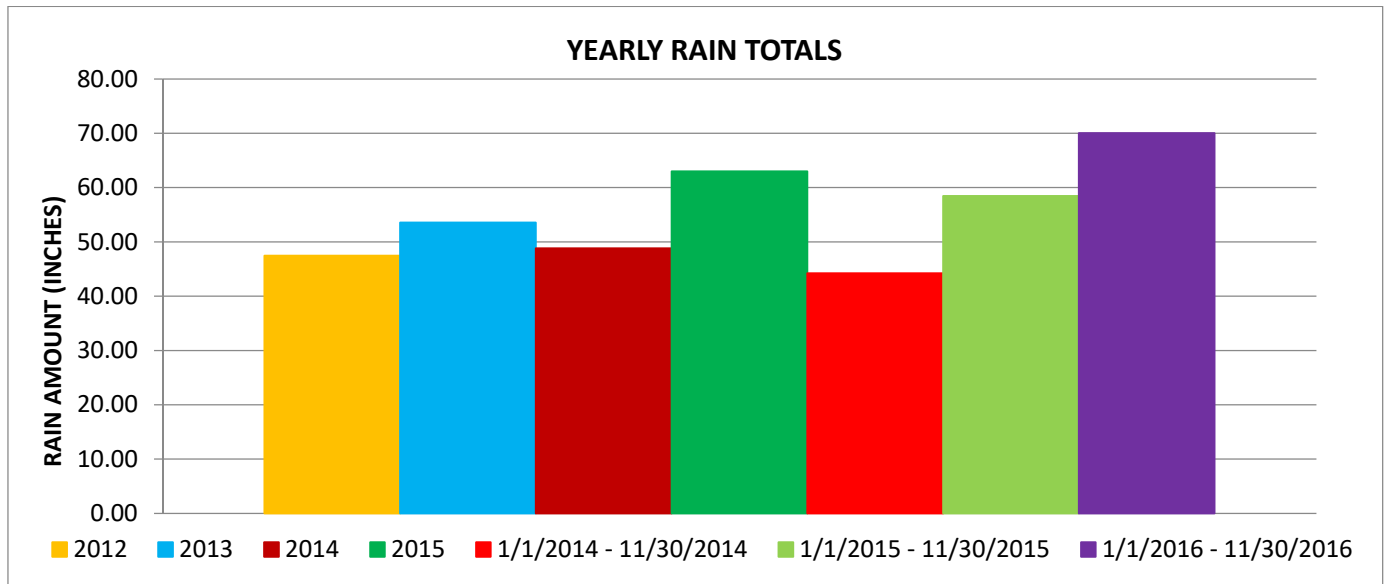
The next chart compares flow data at the wastewater treatment plant to previous years.



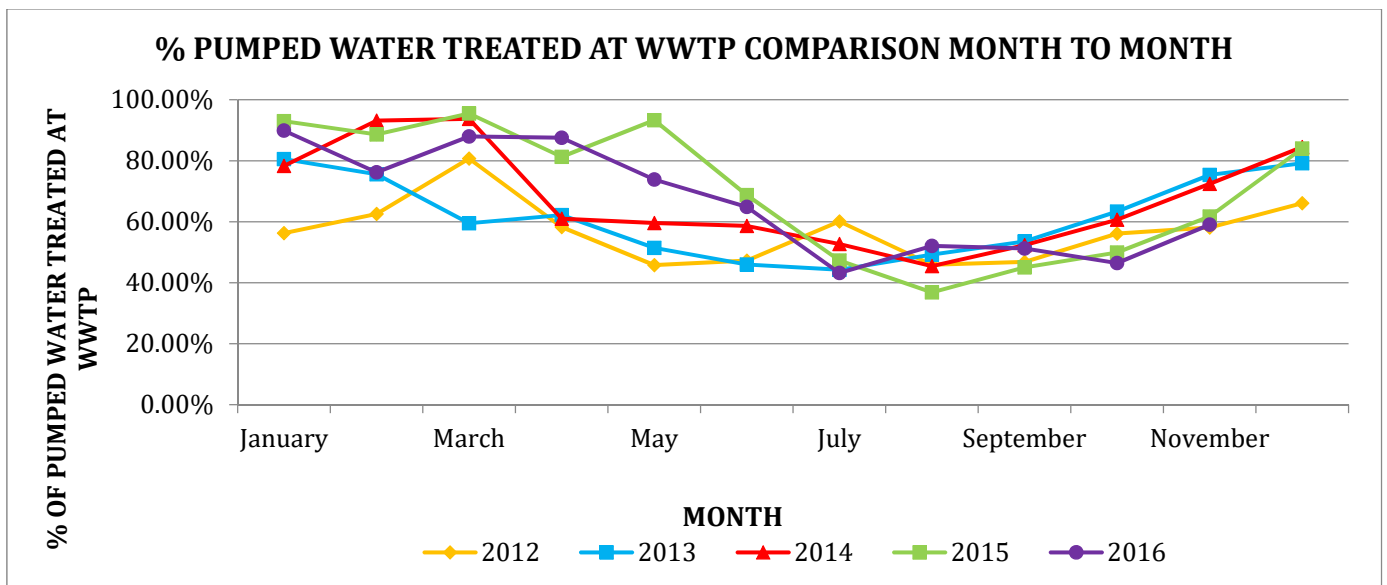
The City's wastewater treatment plant flowed 17.7 million gallons this month for an average of 591,033 gallons per day. Through the year, the City has treated 216.6 million gallons. The chart below shows the daily flow at the treatment plant and daily.



Through November 30th the City has registered 70.0 inches of rain at the treatment plant compared to 58.45 and 44.23 inches in previous years. The next chart summarizes rainfall from previous years.



The City “recovered” over 59.02 % of the water pumped at the treatment plant. The chart below compares the monthly percent recovery to previous years.



On June 22nd TCEQ performed an inspection of the City’s water system. Our water system was reviewed by TCEQ and rated to be a Superior water system.

Water & Sewer AP REPORT

Fund: 600 - WATER / SEWER		Payment Dates 11/01/2016 - 11/30/2016		
Vendor Name	Payment Date	Payment Number	Description (Item)	Amount
DXI INDUSTRIES, INC.	11/02/2016	3996	CHEMICALS FOR THE WWTP-10.18.2016	897.40
CSA TECHNICAL LLC	11/02/2016	3991	PINECROFT L/S REPAIR-OCT 2016	334.16
CSA TECHNICAL LLC	11/02/2016	3991	PINECROFT L/S-CONTROL FLOAT REPAIR-OCT 2016	617.50
GRAINGER, INC.	11/02/2016	4002	GREEN LINE LOCATION FLAGS-OCT 2016	51.12
GRAINGER, INC.	11/02/2016	4002	BLUE LINE LOCATION FLAGS-OCT 2016	63.28
PITNEY BOWES PURCHASE POWER	11/02/2016	4013	POSTAGE FOR W/S	13.88
PITNEY BOWES PURCHASE POWER	11/02/2016	4013	OCT 2016 POSTAGE FOR W/S	2.82
FORT BEND SERVICES INC.	11/09/2016	4041	OCT 2016 BELT PRESS POLYMER	1,367.10
THE WOODLANDS JOINT POWERS AGENCY	11/09/2016	4064	OCT 2016 GUADALAJARA SPRINKLER USAGE	630.69
THE WOODLANDS JOINT POWERS AGENCY	11/09/2016	4064	OCT 2016 GUADALAJARA WATER/SEWER USAGE	1,917.23
HOME DEPOT CREDIT SERVICES	11/09/2016	4043	SUPPLIES FOR WWTP	22.84
CSA TECHNICAL LLC	11/09/2016	4036	PHASE MONITOR REPLACED-ED ENGLISH L/S-OCT 2016	556.70
CITY OF CONROE FLEET	11/09/2016	4035	07-11 FRONT TIRES-10.2016	270.00
CITY OF CONROE FLEET	11/09/2016	4035	KUBOTA-NEW REAR TIRES-10.2016	300.68
CITY OF CONROE FLEET	11/09/2016	4035	INSTALLATION-PW BLDG-10.2016	318.27
MCGINNIS LOCHRIDGE AND KILGORE LLP	11/09/2016	4051	OCT 2016 WATER RIGHTS ISSUES	6,301.03
GRAINGER, INC.	11/09/2016	4042	16" MEN'S KNEE BOOTS, PLN, SIZE 11-DVAUGHN	23.78
GRAINGER, INC.	11/09/2016	4042	16" MEN'S KNEE BOOTS, PLN TOE, SIZE 9-CYOUNG	23.78
AT & T CORP.	11/09/2016	4028	NOV 2016 LANDLINE SERVICE @ PARKGATE	33.21
AT & T CORP.	11/09/2016	4028	NOV 2016 LANDLINE SERVICE @ THORNWOOD	94.77
CENTERPOINT ENERGY	11/09/2016	4033	RESEARCH FOREST L/S-NAT GAS SERVICE-9.30-10.31.16	20.66
CENTERPOINT ENERGY	11/09/2016	4033	DAVID MEMORIAL L/S-NAT GAS SERVICE-9.26-10.26.16	21.69
CENTERPOINT ENERGY	11/09/2016	4033	PARKGATE L/S-NAT GAS SERVICE-9.30-10.31.16	19.97
CENTERPOINT ENERGY	11/09/2016	4033	THORNWOOD L/S-NAT GAS SERVICE-9.30-10.31.16	20.31
CENTERPOINT ENERGY	11/09/2016	4033	PINECROFT L/S-NAT GAS SERVICE-9.29-11.1.16	21.33
TCEQ	11/09/2016	4060	TCEQ PERMIT FEES-0012212002 FY17- 2017	9,983.38
ENERGY	11/09/2016	4040	NOV 2016 ELECTRIC USAGE-WS	14,912.48
DXI INDUSTRIES, INC.	11/16/2016	4080	CHEMICALS @ WWTP-NOV 1, 2016	746.60
BRANCH BANKING AND TRUST CO.	11/16/2016	4074	BACKHOE TIRE REPAIRS	7.70
MDN ENTERPRISES	11/16/2016	4087	#4 METER BARREL LOCK DEVICE KEY-NOV 2016	16.00
MDN ENTERPRISES	11/16/2016	4087	5/8" OD X 72" PLASTIC SIGHT GLASS-NOV 2016	10.00
MDN ENTERPRISES	11/16/2016	4087	1600 BLK MTR BOX SOLID LID-NOV 2016	132.00
MDN ENTERPRISES	11/16/2016	4087	1200/1300 BLK SOLID LID-NOV 2016	74.40
MDN ENTERPRISES	11/16/2016	4087	1600 SING MTR BX BODY ONLY-NOV 2016	214.56
MDN ENTERPRISES	11/16/2016	4087	1300 SING MTR BX BODY ONLY-NOV 2016	108.00
MDN ENTERPRISES	11/16/2016	4087	3/4" CTS COMP COUPLING-PIPE REPAIR-NOV 2016	142.90
MDN ENTERPRISES	11/16/2016	4087	3/4" OD X 72 PLASTIC SIGHT GLASS-NOV 2016	10.00
ULINE, INC	11/16/2016	4101	WS-BARRICADE TAPE-CAUTION-3"X1000-NOV 2016	61.25
VERIZON WIRELESS	11/16/2016	4103	WS CELLULAR PHONE USAGE-F.S & OPER 9/24-10/23	184.36
VERIZON WIRELESS	11/16/2016	4103	WS SCADA AIRCARDS FEE 9/24-10/23	79.98
VERIZON WIRELESS	11/16/2016	4103	WS CELLULAR PHONE USAGE-DIRECTOR 9/24-10/23	50.23
VERIZON WIRELESS	11/16/2016	4103	WS AIRCARD FEE 9/24-10/23	39.99
EASTEX ENVIRONMENTAL LAB INC	11/16/2016	4081	OCT 2016 MONTHLY WATER TESTING FEES	1,438.00
COMCAST	11/16/2016	4078	11/1 - 11/30/16 ALARM MONITORING-L/S	245.91
BRANCH BANKING AND TRUST CO.	11/16/2016	4074	TML MEALS-JOSEPH PEART	108.48
VALERO MARKETING AND SUPPLY CO.	11/16/2016	4102	2016-2017 WS VEHICLE FUEL-DIESEL	145.39
VALERO MARKETING AND SUPPLY CO.	11/16/2016	4102	2016-2017 WS VEHICLE FUEL-UNLEADED	465.57

RED THE UNIFORM TAILOR	11/21/2016	4128	ULTRALITE FIELD SHIRT-JP-NOV 2016	42.95
CUMMINS SOUTHERN PLAINS LLC	11/21/2016	4114	WELL #3-QTRLY GEN INSP-K010306854-11.12.16	269.00
CUMMINS SOUTHERN PLAINS LLC	11/21/2016	4114	RESEARCH-QTRLY GEN INSP-K100168648-11.12.16	269.00
CUMMINS SOUTHERN PLAINS LLC	11/21/2016	4114	DAVID MEM-QTRLY GEN INSP-K100168649-11.15.16	269.00
CUMMINS SOUTHERN PLAINS LLC	11/21/2016	4114	THORNWOOD-QTRLY GEN INSP-L060004531-11.17.16	269.00
CSA TECHNICAL LLC	11/21/2016	4113	RAS PUMP REPAIR @ WWTP-NOV 2016	681.00
CSA TECHNICAL LLC	11/21/2016	4113	THORNWOOD L/S-OVERFLOW-NOV 2016	285.00
SPRINT WASTE SERVICES	11/21/2016	4134	OCT 2016 SLUDGE HAULS	4,500.00
FLEETTRAX, INC.	11/21/2016	4117	NOV 2016 GPS MONTHLY AIRTIME-WS	111.80
G J BORING & CONSTRUCTION SRVS INC	11/21/2016	4118	FIRE HYDRT REPAIR-18390 I-45 ETHAN ALLEN-OCT 2016	1,800.00
G J BORING & CONSTRUCTION SRVS INC	11/21/2016	4118	MAIN LINE WATER LEAK-MALAGA FOREST-NOV 2016	1,550.00
CONSOLIDATED COMMUNICATIONS	11/21/2016	4112	WWTP PHONE & INTERNET SERV-11.11 - 12.10.16	100.86
DXI INDUSTRIES, INC.	11/21/2016	4116	CHEMICAL CONTAINER RENTALS-WS-AUGUST 2016	405.00
DXI INDUSTRIES, INC.	11/21/2016	4116	CHEMICAL CONTAINER RENTALS-WS-OCT 2016	367.50
TCEQ	11/21/2016	4135	TCEQ-WATER SYSTEM FEE-FY 2017	4,557.00
CUMMINS SOUTHERN PLAINS LLC	11/30/2016	4147	WWTP-ONAN-QTRLY GEN INSP-J040704336-11.9.16	269.00
CUMMINS SOUTHERN PLAINS LLC	11/30/2016	4147	SDMO TRL-QTRLY GEN INSP-184488-11.10.16	269.00
CUMMINS SOUTHERN PLAINS LLC	11/30/2016	4147	WWTP-QTRLY GEN INSP-288952-11.10.2016	269.00
CUMMINS SOUTHERN PLAINS LLC	11/30/2016	4147	WELL #2-QTRLY GEN INSP-0695309-11.10.2016	307.00
CUMMINS SOUTHERN PLAINS LLC	11/30/2016	4147	PINECROFT-QTRLY GEN INSP-L060001155-11.11.16	269.00
CUMMINS SOUTHERN PLAINS LLC	11/30/2016	4147	PARKGATE-QTRLY GEN INSP-H090020624-11.11.16	228.00
THE POLICE & SHERIFFS PRESS, INC.	11/30/2016	4164	HOLOVIEW SECURE ID BADGE-CYOUNG-NOV 2016	16.25
THE POLICE & SHERIFFS PRESS, INC.	11/30/2016	4164	HOLOVIEW SECURE ID BADGE-DVAUGHN-NOV 2016	16.24
			Function 50 - Water & Sewer Total:	60,241.98

SUBMITTED BY: Joseph Peart

