

To: Honorable Mayor and City Councilors
From: Michael Spurgeon, City Manager
Date: February 1, 2019
Re: Notes to Council

1. STAFF REPORTS / ITEMS REQUIRING IMMEDIATE ATTENTION

- General Services Department Monthly Report – December 2018
- Utilities Department Monthly Report – December 2018

2. GENERAL CORRESPONDENCE / NOTIFICATION

- Press Release – Community event offers free homeowner association tips & information

3. SPECIAL EVENTS / ACTIVITIES

- N/A

Respectfully submitted,

CLM for

Michael Spurgeon

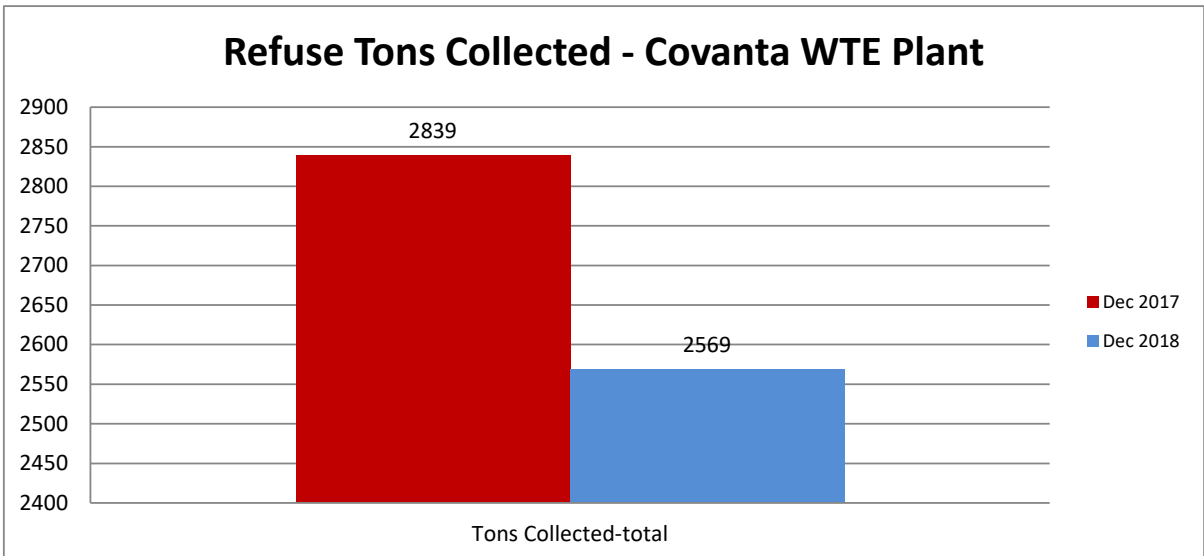
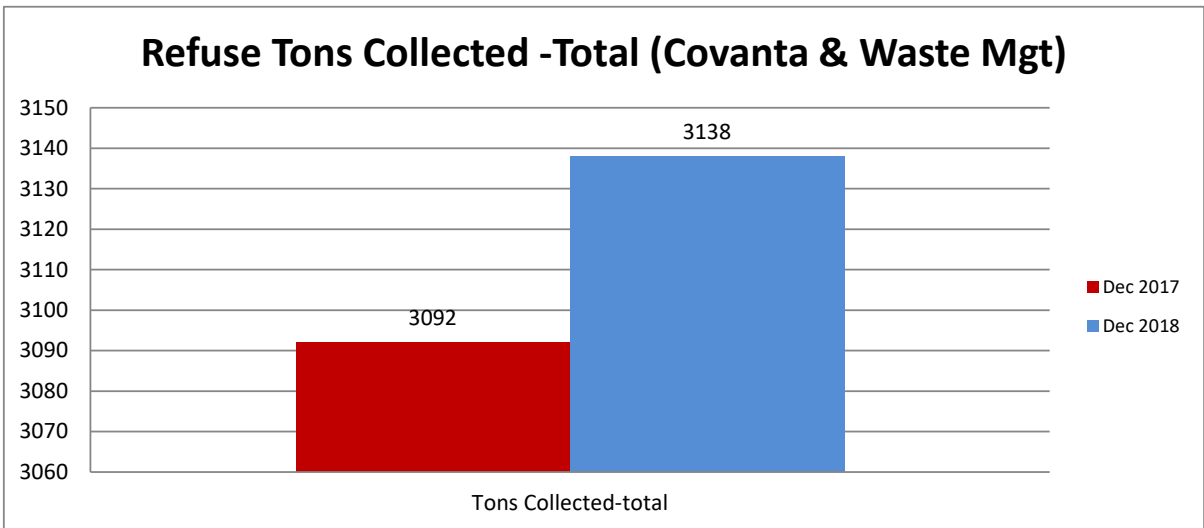
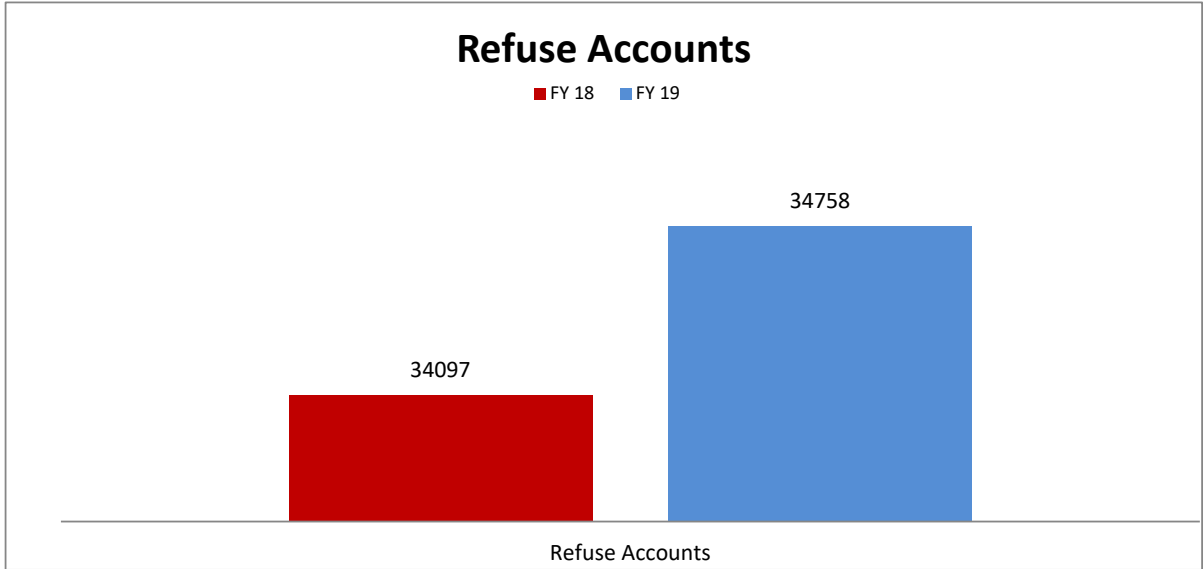
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Attachments

1. STAFF REPORTS / ITEMS REQUIRING IMMEDIATE ATTENTION



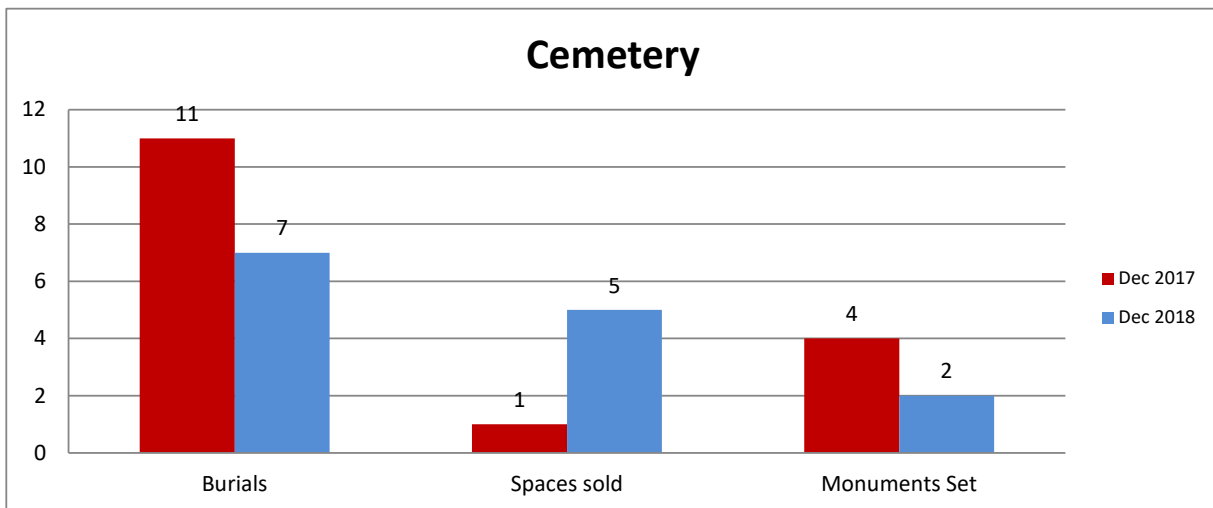
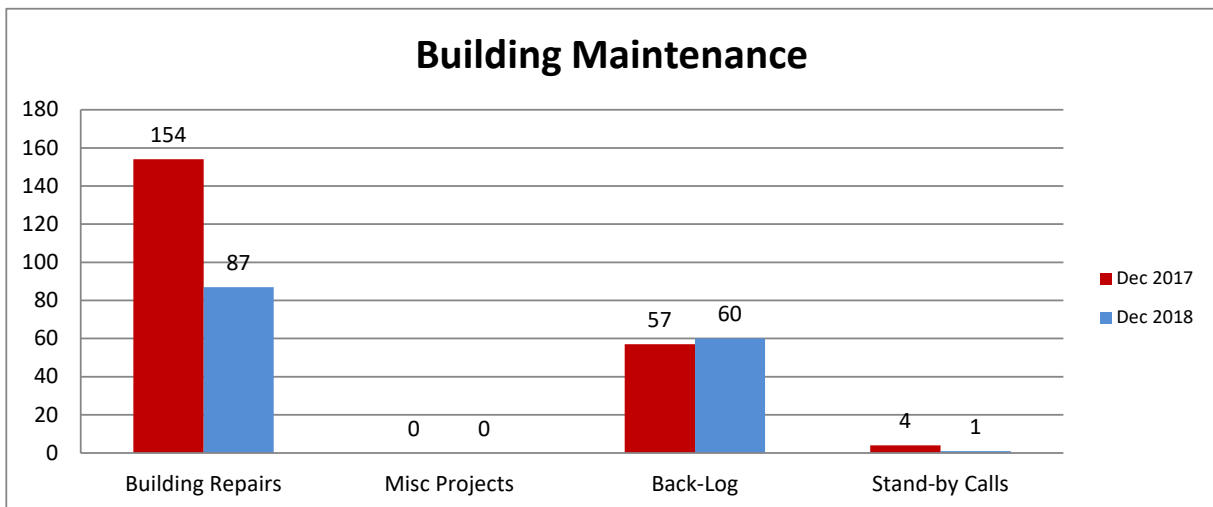
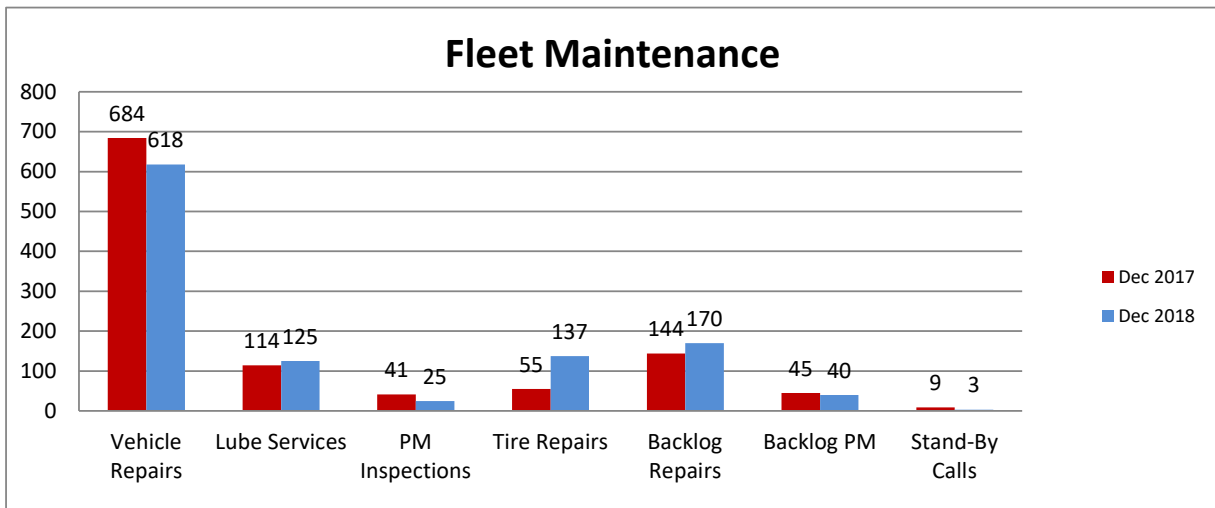
General Services Monthly Report

December 2018



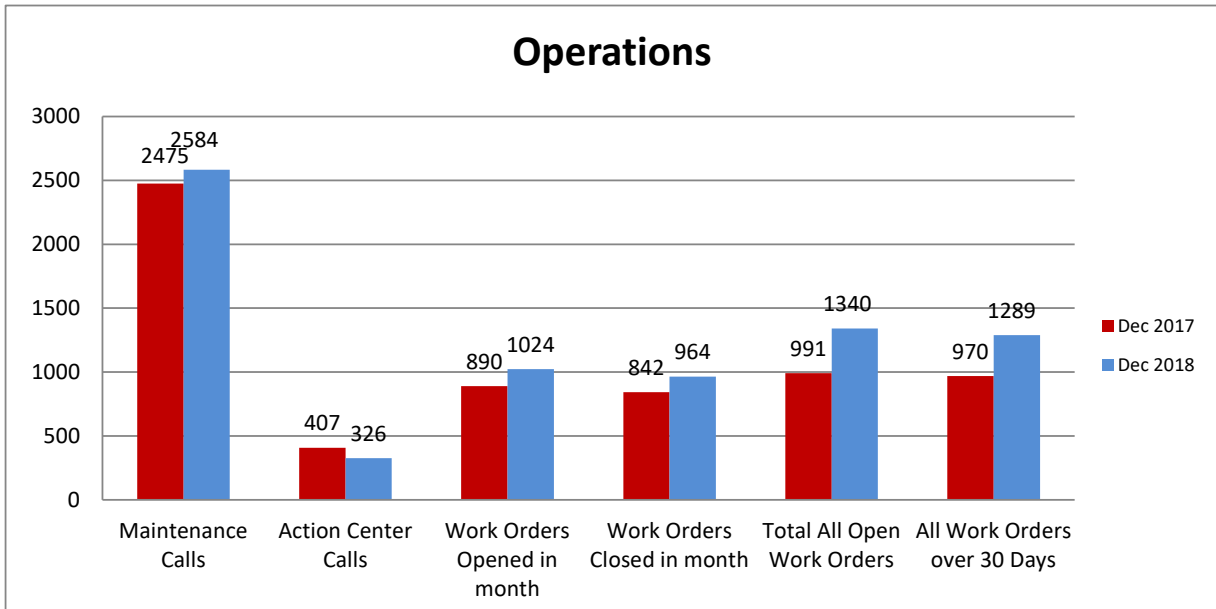
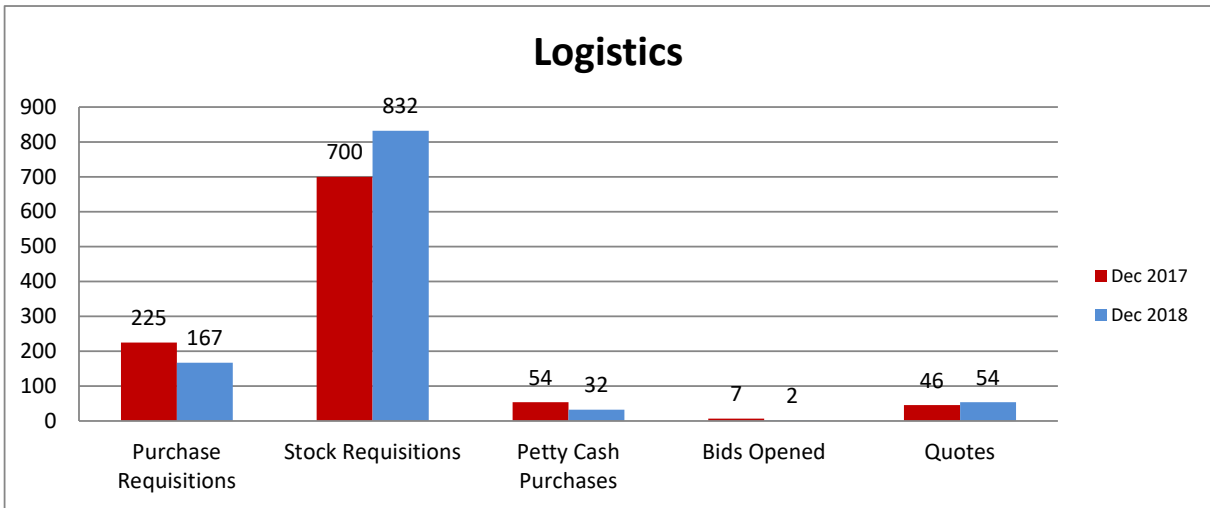
General Services Monthly Report

December 2018



General Services Monthly Report

December 2018



To: Michael Spurgeon, City Manager
From: Charles Vokes, Utilities Director
Date: January 31, 2019
Re: Utilities Department Monthly Report – December 2018

	December 2018	December 2017
Water Treated, Purchased and Distributed		
Water Purchased from Tulsa	0.3 MG	1.3 MG
Water – Produced at Verdigris WTP	<u>256.6 MG</u>	<u>269.7 MG</u>
Total	256.9 MG	271.0 MG
 Wastewater Treated		
Lynn Lane Plant	106.2 MG	114.5 MG
Haikey Creek Plant flow from BA	<u>180.3 MG</u>	<u>142.8 MG</u>
Total	286.5 MG	257.3 MG
Haikey Creek Plant flow from Tulsa	210.6 MG	185.0 MG

**Lynn Lane WWTP Maintenance Summary-
David Handy, Plant Manager**

1. Installed new support cable for polymer mixer
2. Changed oil in blower #1
3. Changed out chemical totes
4. Cleaned centrifuge building and removed piston pump for possible repair
5. Removed and repaired sump pump in blower building
6. Filled grease pots on all screw pumps (headworks and secondary pump station)
7. Added hydraulic oil to belt press hydraulic pump
8. Repaired influent sampler
9. Repaired chlorine regulator #1 (east)
10. Cleaned contact basins

Utilities Distribution/Collections Maintenance Summary

Water Distribution – Jerry Hanewinkel, Interim Utilities Systems Manager

1. New Taps and Meters set-20
2. Line locates-503
3. Meters replaced-14
4. Repaired or replaced meter boxes and valve boxes-11
5. Meter leak repairs-4
6. Water leak calls-125
7. Distribution main leaks repaired-13
8. Curb stops replaced-8

9. Valve truck crew exercised 40 valves for the month, bringing the total to 971 for 2018
10. Water system service requests-70
11. Cleaned and restored yards after water line repairs-28
12. Valve repaired, replaced or installed-2
13. Main lines flushed to address water quality issues-24
14. Fire hydrants replaced-2
15. Fire hydrants repaired-1
16. Service crossings installed-1
17. Replaced registers for AMR project-74
18. Built one 4" meter for the Milestone project
19. Repaired and installed an auto flusher on 228th E. Ave.
20. Excavated a septic service at the Evens Park for Building Maintenance
21. Assisted Fire Dept. by cleaning up a gas spill in a storm drain
22. Cleaned up glass in roadway-1
23. Flushed dead end lines at 30 locations
24. Two water quality concern calls-9,375 gallons flushed
25. Total gallons flushed to improve water quality-estimated 6,553,250 gallons

Water Reclamation- David Marlow, Wastewater Collection Supervisor

Lines

1. Service requests calls-38
2. Sewer line locates done-85
3. Sewer line blockages relieved-9
4. After hour calls-12
5. Manholes cleaned /raised/repared-9
6. Sewer line cleaned-13,005 ft.
7. Sewer lines repaired/replaced/installed-34 ft.
8. CCTV inspections done-1,628 ft.
9. Sewer lines root cut-200 ft.
10. Clean ups done after repairs to sewer lines-4
11. Sanitary Sewer Overflows (SSO's) reported to ODEQ for the month-7
12. Assist other departments-4

Booster and Lift Stations

1. Routine station visits (29 lift stations and 4 booster stations)-570
2. Check valves/pumps cleaned at stations-4
3. Wet wells cleaned using vacor truck-2
4. Pump station maintenance and repairs done-9
 - Pinalto-removed and cleaned 3 way valve
 - ISSC-flapper was stuck open, removed stick
 - ISSC-#2 & #3 rotating assembly failed, pulled assembly cleaned debris and primed
 - Adams Creek North-pulled #2B rotating assembly for rebuild
 - Windsor-replaced filters
 - Dresser Rand-replaced filters
 - Adams Creek North-reinstalled #2B rotating assembly, replaced impellar and wear plate
 - Adams Creek North-pulled #2A rotating assembly for rebuild
 - Adams Creek North-reinstalled #2A rotating assembly

Meter Reading – Derriel Bynum, Meter Reading Supervisor

1. Replaced Meters-23

2. Placed Door Hangers for bad checks-28
3. Turn Ons for nonpayment-221
4. Turn Offs for nonpayment-262
5. New Account Service Initiated-382
6. Accounts Finaled-370
7. Read 38,745 Meters
8. Construction Meters Set-2
9. Rereads/Leak Tests-146
10. Meter boxes replaced-14
11. Misreads-49 verified
12. Met with residents to discuss their high bill/water usage concerns-7
13. Meters pulled-2
14. 7" meter riser replaced-4
15. UME Chambers replaced-3

AMR Project-

- Retrieved water use history from AMR radio devices and provided the 90 day graphs to the customers-7
- AMR registers-124
- AMR meter body-71
- Dead AMR registers replaced-9
- Meter boxes replaced-3
- Meter riser-1
- Stops replaced-4
- AMR antenna replaced-4

Utilities Construction – Tommy Kimbrough, Construction Supervisor

1. Alfa Laval (ED-1701)-cleaned up, removed and hauled off rock and debris, raised fire hydrants
2. College St water line-replaced 240' with 6" C-900 pipe, 14 taps, 84' of ¾" copper for crossings, 6 tons of ag base, 11 tons of road rock
3. Angus Acres (WL-1902)-stringing out pipe, spot digging existing water line
4. 1509 S Poplar Ave-replaced 190' of water line with 6" C-900 pipe, 3 yards of concrete
5. Pryor 36" water line-exercised 36" valve at Hwy 33, performed maintenance and replaced water line marker signs
6. Service crossings-4
7. Meter leaks-2
8. Taps-14
9. Fire hydrants-4
10. Distribution main leaks-3
11. Line locates-48
12. Meter boxes replaced-2

Water Quality- Diana Flora, Water Quality Technician

1. Tested chlorine levels near auto flushers to verify all are working, 20
2. Collected Bac-T samples-100
3. Collected 2 chlorine samples (am/pm) daily, a total of 60
4. Distribution system-11 parameter testing with 352 onsite tests at 12 distribution and 4 water tower locations for this month

Verdigris WTP – Jimmy Helms, Plant Manager

1. Installed new motor on blower after cooler #2, installed fan
2. Repaired union leak on sodium hypochlorite generator #2
3. Installed new love joy couplers on CIP circulation pumps A and B
4. Repaired signal wire on permanganate day tank
5. Removed actuator from rack #4 and installed new rebuild kit
6. Tightened U clamps on gate valve indicator pipe on west basin intake structure
7. Reassembled safety rail on top of critic acid neutralization tank
8. Installed new stainless steel shock on lift station hatches
9. Repaired two air leaks, one on neutralization tank and one on CIP system
10. Removed CIP caustic tank manway cover for inspection and reinstalled
11. Tightened all packing on the feed pump swing check valves
12. Replaced air control relay on rack #10
13. Tightened packing flanges on all racks due to cold water
14. Set up temporary sample line in vault #4
15. Tightened leaking nut/o ring on sodium hypochlorite generator #1 cell, cleaned cable ends
16. Calibrated Ventis MX4 air monitor
17. Changed encoder on sludge system #1
18. Tightened leaking couplers on rack #3 and #7
19. Installed and wired new current meter on rectifier #3
20. Plumbed new discharge line to feed panel for blue sodium hypochlorite pump
21. Installed three new clear plastic tubes on west basin slide gate valves
22. Changed stainless steel clamps and cleaned residual sodium hypochlorite from cell #1 on generator #2
23. Repaired coolant leak on Cummins generator #3
24. Rebuilt 2” pvc plumbing on sodium hypochlorite generator #1, installed four new 2” pvc valves and replaced one o ring on leaking union
25. Changed flow sensor on settled water turbidimeter
26. Replaced inner hose and effluent hose on sodium hypochlorite pump

Lynn Lane and Haikey Creek WWTP Industrial Pretreatment Program Summary- Lauren Wilson, Pretreatment Coordinator

Fats, Oil & Grease (FOG) Program Activities

1. Food Handling Establishment Inspections:

- Pretreatment staff performed 15 food handling establishment inspections. Staff reviewed manifests for grease interceptor maintenance, inspected the interceptors, and discussed best management practices with management. There were 10 establishments with interceptors that were improperly maintained that were given 15 days to correct the deficiency. There were 11 facilities re-checked for non-compliance issues.

2. Commercial Pretreatment System Inspections

- Pretreatment staff performed 5 auto shop inspections. Oil/water separators were inspected for proper maintenance and waste hauling manifests are checked to ensure proper waste disposal. There was 1 establishment with a separator that was improperly maintained that was given 15 days to correct the deficiency. There were 6 facilities re-checked for non-compliance issues.

Industrial Pretreatment Activities:

- Blue Bell – The compliance self-monitoring and laboratory analysis reports were received and reviewed. There was a “daily maximum” Biochemical Oxygen Demand (BOD) violation, a pH violation, and an oil & grease violation. Monthly surcharges for conventional pollutants above residential thresholds were calculated in the amount of \$12,570.95.

City of Broken Arrow amended the Consent Order with Blue Bell by pushing the end date to May of 2019. Surcharges have been suspended until the consent order is complete and Blue Bell begins operation of a pretreatment system. The purpose of the pretreatment system is to bring Blue Bell back into compliance with the wastewater discharge permit limits issued by City of Broken Arrow.

Construction of the pretreatment system is underway, and Blue Bell hopes to begin testing the system in January. City of Broken Arrow Utilities staff toured the Blue Bell pretreatment facility to review construction progress. The equalization tank, dissolved air floatation, solids removal, and pH adjustment systems are in place.

- Unifirst – The compliance self-monitoring and laboratory analysis reports were received and reviewed. No deficiencies were noted. Monthly surcharges for conventional pollutants above residential thresholds were calculated in the amount of \$525.23 and submitted to the Finance Department for billing.
- Mullin Plumbing – The compliance reports were received for the months of October and November certifying that there was no discharge from the residential septic system dewatering station during these months. No self-monitoring was performed.
- Kum & Go 71st & Lynn Lane- A discharge request was submitted by environmental consultant, Seneca Company, to release underground storage tank “ground water” into the City of Broken Arrow sanitary sewer system. These requests are submitted with laboratory analysis for gasoline range organics, benzene, toluene, ethylbenzene, and xylene. The laboratory analysis showed no deficiencies. The request was approved and the ground water was discharged to an onsite manhole. Industrial wastewater charges were calculated in the amount of \$788.45 and submitted to the Finance Department for billing.
- Republic Services/Broken Arrow Landfill– The quarterly compliance self-monitoring and laboratory analysis reports were received and reviewed. No deficiencies were noted. Sewer charges for this quarter were calculated in the amount of \$497.75 and submitted to the Finance Department for billing.
- Lynn Lane Wastewater Treatment Plant – Pretreatment staff performed quarterly influent and effluent priority pollutant monitoring at the Lynn Lane Wastewater Treatment Plant. City staff use automatic sampling equipment to perform 24-hour composite samples per EPA regulation. Once samples are collected they are transported to a state certified laboratory for analysis. The laboratory analysis came back with no deficiencies.
- Haikey Creek Wastewater Treatment Plant – influent and effluent priority pollutant laboratory analysis were received and reviewed. No deficiencies were noted.

2. GENERAL CORRESPONDENCE / NOTIFICATION



PRESS RELEASE

Contact: Krista Flasch
Director of Communications
City of Broken Arrow
Phone: (918) 259-2400, ext. 5309
Mobile: (918) 409-7771

Community event offers free homeowner association tips & information
Annual HOA Workshop scheduled for Feb. 16

Broken Arrow, Okla. (2/1/2019) – The 2019 Broken Arrow Homeowners Association Workshop is coming soon! The workshop will be held from 10 a.m.-1 p.m. on Saturday, Feb. 16, at Stoney Creek Conference Center, 200 W. Albany St. This is the 20th year the City has hosted the workshop.

This annual workshop provides a great opportunity for HOA members as well as current and potential homeowners to get their property and neighborhood questions answered. The workshop is open to all; residents don't need to be a homeowner to attend.

Participants can visit with presenters to receive advice on various topics associated with HOAs such as:

- Legal and Operation issues for Home Owners Associations,
- Public Safety (Police and Fire Departments) concerns for HOAs,
- Animal Control,
- Building Permits,
- Planning and Development,
- Code Enforcement type issues,
- Neighborhood beautification,
- Stormwater Management and Low Impact Development (LID) Certification for Neighborhoods,
- HOA Insurance, and
- Recycling.

In addition, participants can speak to representatives from various City departments.

(More)

Light snacks and refreshments will be available. Attendees will also be eligible to win door prizes. The event is free and open to the public.

Online registration is preferred but not required at BrokenArrowOK.gov/HOA-Workshop. Attendees may also register at the door.

WHAT: Broken Arrow Homeowners Association Workshop

WHEN: Saturday, Feb. 16, from 10 a.m.-1 p.m.

WHERE: Stoney Creek Conference Center, 200 W. Albany St. (61st Street east of Elm Place)

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3. SPECIAL EVENTS / ACTIVITIES

