

To: Honorable Mayor and City Councilors
From: Kenny Schwab, Acting City Manager
Date: February 26, 2021
Re: Notes to Council

1. STAFF REPORTS / ITEMS REQUIRING IMMEDIATE ATTENTION

- Utilities Department Monthly Report – January 2021

2. GENERAL CORRESPONDENCE / NOTIFICATION

- Museum Broken Arrow Newsletter – February 2021

3. SPECIAL EVENTS / ACTIVITIES

- N/A

Respectfully submitted

Kenny Schwab

clm

Attachments

1. STAFF REPORTS / ITEMS REQUIRING IMMEDIATE ATTENTION



To: Michael Spurgeon, City Manager
From: Charles Vokes, Utilities Director
Date: February 26, 2021
Re: Utilities Department Monthly Report – January 2021

	January 2021	January 2020
Water Treated, Purchased and Distributed		
Water Purchased from Tulsa	0.4 MG	5.7 MG
Water Produced at Verdigris WTP	<u>256.9 MG</u>	<u>253.9 MG</u>
Total	257.3 MG	259.6 MG
Wastewater Treated		
Lynn Lane Plant	187.5 MG	205.7 MG
Haikey Creek Plant flow from BA	<u>138.3 MG</u>	<u>171.1 MG</u>
Total	325.8 MG	376.8 MG
Haikey Creek Plant flow from Tulsa	212.0 MG	223.6 MG

LLWWTF Summary

David Handy, Plant Manager

Preventive Maintenance (30.5 person-hrs total)

1. Changed out filters on air make up unit at headworks (0.5 hour)
2. Tested chlorine leak detection sensors (0.5 hour)
3. Checked effluent flowmeter calibration (0.5 hour)
4. Weekly lubrication for influent channel screen (1 hour)
5. Cleared compactors of built up rags (1 hour)
6. Tightened belts on bio filter fan (0.5 hour)
7. Washed and dried three bio filters for head works (1 hour)
8. Performed quarterly lubrication of equipment and motors (4 hours)
9. Checked pumps in non pot building (0.5 hour)
10. Changed out 2 filters on top of headworks (0.5 hour)
11. Changed out 3 filters on bio filler (0.5 hour)
12. Checked pump 12P2 for rags (1 hour)
13. Flushed east and west contact chambers (16 hours)
14. Lubricated overhead door on belt press building (0.5 hour)
15. Changed filter in number 4 blower (0.5 hour)
16. Cleaned east and west scum pits (1 hour)
17. Cleaned effluent discharge pipe area (1 hour)

Corrective Maintenance

1. Repaired end on polymer hose
2. Repaired handle on compactor chute
3. Cleaned out and unstopped WAS pumps 1 & 2

Other Maintenance

1. Changed out roll off dumpster in head works
2. Washed and swept floors in all buildings

Utilities Distribution/Collections Maintenance Summary Water Distribution-Travis Schemonia, Water Supervisor

Preventive Maintenance

1. Line locates-1756
2. Valve truck crew exercised 119 valves for the month, bringing the total to 119 for 2021
3. Fire hydrants inspected-169, bringing the total to 169 for 2021
4. Fire hydrants painted-0
5. Fire hydrants greased/oiled-94

Corrective Maintenance

1. Meter leak repairs-15
2. Distribution main leak repaired-18
3. Curb stops replaced-14
4. Defective meters replaced-2
5. Water system service requests-109
6. Broken meter/valve boxes replaced-5
7. Cleaned and restored yards after water line repair-35
8. Fire hydrants repaired-2
9. Fire hydrants replaced-1
10. Service line breaks-22
11. After hours sewer calls-3

Other

1. New taps and meters-48
2. Water pressure tests-3
3. Service crossings installed-3
4. Assisted Meter Reading with Turn Ons/Offs-8
5. Water quality concerns-2
6. Dug up and moved electric cable to set bleachers for Parks Department

Water Quality

Tim Nix-Water Quality Technician

Preventive Maintenance

1. Tested chlorine levels near auto flushers-19
2. Bac-T samples collected-101
3. Collected 2 chlorine samples (am/pm) daily-62 total
4. Distribution system-tests at 12 distribution locations and 5 water tower locations-144
5. Checked chlorine levels every Friday at 5 water towers-20
6. Flushed dead end lines at 25 locations once a month and 10 locations twice a month-149,569 gallons

Corrective Maintenance

1. Water quality concern calls at 13 locations-779,025 gallons flushed

Other

1. Total gallons flushed to improve water quality-estimated 5,812,471 gallons

Water Reclamation-David Marlow, Wastewater Collection Supervisor

Preventive Maintenance

1. CCTV inspections done-2,256 ft.

2. Routine station visits (29 lift stations and 4 booster stations)-517
3. Check valves/pumps cleaned at stations-15
4. Sewer line root cut-0
5. Sewer line locates-73
6. Sewer line cleaning-5,745 ft.
7. Lines smoked-0
8. Clean fog rods at lift stations-17
9. Clean wet wells-5

Corrective Maintenance

1. Service request calls-34
2. Sewer line blockages relieved-23
3. After hour calls-11
4. Manholes repaired-8
5. Sewer lines repaired/replaced/installed-4
6. Sewer taps-0
7. Clean and restored yards after sewer line repairs-0
8. Sanitary Sewer Overflows (SSOs) reported to ODEQ-8
9. Sinkholes-0
10. Lift station repairs-
 - Shadow Trails-repaired vacuum reeds
 - South Park-cleaned impeller
 - Adams Creek North-replaced rotating assembly #1A
 - Greens-cleaned impellar, Addco made repairs to electric
 - Berwick-cleaned impeller
 - 209th-replaced rotating assembly #2
 - Animal Shelter-replaced suction line & gaskets
 - Homeland-cleaned 3 way valve
 - Westwind-cleaned impellar
 - Windsor-cleaned 3 way valve, replaced vacuum pump, AEI service call

Other

1. Assisted Parks Department with a 6 inch sewer service line

Meter Reading-Derriell Bynum, Meter Reading Supervisor

Preventive Maintenance

1. Replace meters-38
2. Install Mach 10 meters-0
3. Replace meter lids-0

Corrective Maintenance

1. Replace defective AMR registers-21
2. Meter boxes replace-2
3. Replace AMR antenna-10
4. Construction meters rebuilt-0
5. Replace riser-0
6. Replace defective meter base-21
7. Replace stop-1

Other Maintenance

1. Meters read-39,798
2. Rereads/Leak Tests-142
3. Turn Ons for nonpayment-265
4. Turn Offs for nonpayment-278

5. New accounts-341
6. Finals-331
7. Pulled meters-4
8. Retrieve water use history from AMR and provide 90-day graph to customer-30 for a total of 30 for 2021
9. Place door hangers for bad checks-0
10. Misreads-12 for a total of 12 for 2021
11. Customer concerns-0

Utilities Construction-Tommy Kimbrough, Construction Supervisor

Preventive Maintenance

1. Date water line-pressure tested water line, made 9 service tie ins, cleaned up, dirt work and sod
2. Kenosha, Date to Cedar water line-installed 50' of 6" C-900 water pipe and made 1 service tie in
3. El Paso water line-installed 660' of C-900 water pipe and four fire hydrants

Corrective Maintenance

1. None for this month

Other

1. Timber Ridge Cottages-installed 670' of 8" SDR 35 sewer pipe
 installed 40' of 4" SDR 40 sewer pipe
 installed 3 manholes
 installed 4 8"x4" sewer taps

Verdigris WTP-Eli Prock, Asst. Plant Manager

Preventive Maintenance (94.5 person-hrs total)

1. Tested eye wash/shower stations (5 hours)
2. Calibrated and bump tested MX4 air monitors (1 hour)
3. Flushed SBS and HCl tank overflow water traps (2 hours)
4. Hosed off hypochlorite, permanganate, fluoride and caustic feed panel (3 hours)
5. Flushed permanganate, SBS, HCl containment areas (4 hours)
6. Cleaned maintenance hallway and pallet racks (8 hours)
7. Worked on organizing old building (10 hours)
8. Exercised portable Honda generator (1 hour)
9. Replaced air compressor carbon tower filter (2 hours)
10. Calibrated pH high service pH probe (1 hour)
11. Changed hypochlorite generator 1-3 softened water filters (1 hour)
12. Installed new pegboard in maintenance hallway (1 hour)
13. Changed alarm set points on AIT-24C membrane filtrate, AIT-28C pre-clear well and AIT-28B finished water pH probes (1 hour)
14. Bench tested and diagnosed Watson Marlow 520u and 520u pumps (10 hours)
15. Diagnosed and tested Earthtec Watson Marlow 530u pump and wiring (6 hours)
16. Installed new touchless paper towel dispensers and bathroom door foot openers (5 hours)
17. Moved old water softener resin barrels to old WTP building (1 hour)
18. Tested insulation on process drain pump 2 (1 hour)
19. Rebuilt hypochlorite generator 4" pvc section on south wall of generator room (18 hours)
20. Replaced ball valve and plumbed in new 1/2" tubing quick connector on Sodium Hypo brine pump 1 (1 hour)
21. Ran sump pump and float in finished water vault to test for proper operation (1 hour)
22. Tightened and re-torqued 1/2" and 3/8" stainless steel bolts on hypochlorite generators cells (3 hours)
23. Installed new static strap on Genie boom lift (0.5 hours)
24. Installed new light switches for old WTP building basement lighting (1 hour)

25. Checked tower transducers and heaters (2 hours)
26. Rebuilt eye wash station 12's pvc plumbing (2 hours)
27. Tightened leaking unions on caustic feed panel check valves (1 hour)
28. Replaced ABB flow transmitter and flow cartridge on east pre-treatment flow meter (contractor, 2 hours)
29. Cleaned all MCC room drive filters (2 hours)
30. Replaced hoses on the filtrate turbidimeter and flushed the line on both turbidimeters (0.5 hours)
31. Replaced Permanganate Pump 3 interior hose (0.5 hours)

Corrective Maintenance

1. Repaired leak on rack 4 membrane filtrate valve actuator (1 hour)
2. Repaired leak on shower station 5 (1 hour)
3. Worked on phase 2 FIT-101A flow meter, retrieved all diagnostic codes (3 hours)
4. Pumped out finished water flow meter vault, tested voltage (9 hours)
5. Removed damaged GFCI power plug in finished flow meter vault (1 hour)
6. Tested output voltage and wired in new GFCI power plug in finished flow meter vault (2 hours)
7. Ran sump pump and float to test for proper operation (1 hour)
8. Replaced finished water flow meter vault flood alarm switch (2 hours)
9. Replaced GF 1.5" cpvc on hypochlorite metering pump 2 feed panel (1 hour)

Other Maintenance

1. Performed grounds keeping duties
2. Cleaned and disinfected membrane building

Lynn Lane and Haikey Creek WWTP Industrial Pretreatment Program Summary

Lauren Kimbrough, Pretreatment Coordinator

Fats, Rags, Oil & Grease Program (FROG)-

Grease interceptor inspections

- 50 interceptors were inspected in January. Facilities that have interceptors that need immediate maintenance are being asked to have maintenance performed within 15 days.
- 8 facilities were asked to perform maintenance.

Industrial Pretreatment

Self-Monitoring Laboratory reports received and reviewed for compliance

- Blue Bell – No deficiencies were noted. Monthly surcharges for conventional pollutants above residential thresholds were calculated in the amount of \$ 6,851.46. Surcharges have been submitted to the Finance Department for billing.
- Unifirst – No deficiencies were noted. Monthly surcharges for conventional pollutants above residential thresholds were calculated in the amount of \$ 1,480.95 and submitted to the Finance Department for billing.
- Comgraphx/Communication Graphics – No deficiencies were noted. Monthly surcharges for conventional pollutants above residential thresholds were calculated in the amount of \$26.15. Surcharges have been submitted to the Finance Department for billing. Comgraphx submitted a compliance plan detailing an ionization filtration system that is in construction to remove silver from the process waste stream before discharge into the City of Broken Arrow sanitary sewer system. System start-up is expected to be during the month of February.
- Baker Hughes –No deficiencies were noted. Surcharges for conventional pollutants above residential thresholds were calculated in the amount of \$394.37 and submitted to the Finance Department for billing.
- CSI Aerospace –No deficiencies were noted.

- Broken Arrow Powder Coating –No deficiencies were noted.
- Solar Turbines – Semi-Annual sampling required per City of Broken Arrow Wastewater Discharge Permit was missed for the period of July to December 2020. Solar Turbines will be reported as “Significantly Non-Compliant” on the Annual Report to DEQ in October, and a newspaper publication in the Tulsa World is required. A notice of violation was issued to Solar Turbines. City of Broken Arrow has requested that Solar Turbines create an email for communications on compliance-related notifications from City of Broken Arrow.

2. GENERAL CORRESPONDENCE / NOTIFICATION





Details on how to enter:

Renew your Museum BA membership, upgrade your current membership or become a first time member before March 1, 2021, and you will be automatically entered to win this curated box of Broken Arrow goodies from our gift shop! (valued at \$135!)

Items in box: Made in BA Vegan Soap, Custom BA Tumbler, two Night for The Museum wine glasses, Vintage BA T-shirt, Marmie Ornament & Marmie Belgium Chocolate, BA History DVD, BA Can Opener/Key Chain, Secret Gardens custom scented candle "Smitty's Western Store, Have Yourself A Merry Little Christmas Mug & Handcrafted in BA wooden Rooster!

Thank you for supporting our mission.

THE MUSEUM BROKEN ARROW'S MISSION IS TO BE A PLACE WHERE OUR COMMUNITY COMES TOGETHER TO EXPLORE BROKEN ARROW'S PAST, APPRECIATE ITS PRESENT, AND IMAGINE ITS FUTURE.



All membership levels enjoy 12 months of:

- *Free Admission*

- *Monthly Digital Newsletter*
- *Discounted Special Events Tickets*
- *10% off Gift Shop purchases*
- *Advanced notice of special events*

Historians - \$50

- Individual benefits for ONE person

Insiders - \$100 per year

- Individual benefits for TWO adults
- North American Reciprocal Benefits (FREE admission for Museum BA Members who present their membership card) See participating Oklahoma Museums below and Click here for a full list of over 1000+ participating museums!

Oklahoma

Bartlesville, Price Tower Arts Center, 918-336-4949
 Bartlesville, Woolaroc Museum & Wildlife Preserve, 918-336-0307
 Broken Arrow, The Museum Broken Arrow, 918-258-2616
 Claremore, Will Rogers Memorial Museums, 918-341-0719
 Duncan, Chisholm Trail Heritage Center, 580-252-6692
 Grove, Har-Ber Village Museum, 918-786-6446
 Idabel, The Museum of the Red River, 580-286-3616
 Muskogee, Muskogee War Memorial Park: Home of the USS Batfish, 918-682-6294
 Norman, Fred Jones Jr. Museum of Art, 405-325-3272
 Oklahoma City, National Cowboy & Western Heritage Museum, 405-640-3866
 Oklahoma City, Oklahoma City Museum of Art, 405-236-3100
 Oklahoma City, Oklahoma Contemporary Arts Center**, 405-951-0000
 Shawnee, Mabee-Gerrer Museum of Art, 405-878-5300
 Stillwater, Oklahoma State University Museum of Art, 405-744-2780
 Stillwater, Stillwater History Museum at the Sheerar, 405-377-0359
 Tulsa, 108|Contemporary, 918-895-6302
 Tulsa, Gilcrease Museum, 918-596-2700
 Tulsa, Philbrook Museum of Art, 918-749-7941; 800-324-7941
 Tulsa, Tulsa Air and Space Museum & Planetarium, 918-834-9900

Enjoy our February Museum Member Newsletter

Happy Birthday, Norman Rockwell! February 3, 1894

Did you know that The Norman Rockwell Museum is apart of the North American Reciprocal Museum Association? [Learn more about Norman & his museum here.](#)



The secret to so many artists living so long is that every painting is a new adventure. So, you see, they're always looking ahead to something new and exciting. The secret is not to look back.

— *Norman Rockwell* —

AZ QUOTES

February

Virtual 5K/Fun Run (Run anytime between 1/1/21 and 3/31/21)

Special Exhibit Courtesy of Art Bridges, On display January 7 - April 22 Rachel Rose, Lake Valley

February 9, 5:00—6:30 p.m. Board of Directors meeting

February 11, 6:30—8:30 p.m. ZOOM LTAIO Book Club, Russell Lawson PH.D. Slaughterhouse-Five by Kurt Vonnegut

February 25, 6-7:30 p.m. FREE Children's Collage Class with Talitha Jacobs (details coming soon)

March

Special Exhibit Courtesy of Art Bridges, On display January 7 - April 22 Rachel Rose, Lake Valley

March 3 & 4, FREE Katie Wheat Pernu Glass Mosaic Class for Art Teachers (FULL), Sponsored by Art Bridges

March 9, 5:00—6:30 p.m. Board of Directors meeting

March 10 & 11, FREE Katie Wheat Pernu Glass Mosaic Class for Art Teachers (FULL), Sponsored by Art Bridges

March 11, 6:30—8:30 p.m. ZOOM LTAIO Book Club, John Coward PH.D. Gilead by Marilyn Robinson

March 25, 6-7:30 p.m. FREE Children's Collage Class with Talitha Jacobs

March 31, Virtual 5K/Fun Run Ends

GET HANDS ON AT OUR

**FREE Kids
Collage
Classes**

See our website for more details.
Limited Space Available



Lake Valley

Showing January 7th - April 22nd

theMUSEUM
BROKEN ARROW



Art Bridges

Special Exhibit from Art Bridges:
Rachael Rose's 'Lake Valley' Art Installation

[Learn More About Rachel Rose](#)



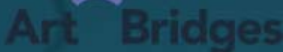
DID YOU KNOW

Lake Valley artist Rachel Rose, uses imagery assembled from the nineteenth and twentieth-century children's books to create cel animation?

STOP BY

the **MUSEUM** 
BROKEN ARROW

SEE LAKE VALLEY & PICK OUT A FREE BOOK OR TWO!

On loan from: 

◀ STORES AT—SAND SPRINGS • PRYOR • CUSHING • SAPULPA • VINITA • BIXBY • CLAREMORE, OKLAHOMA ▶

HUNSECKER AND COMPANY
DEPARTMENT STORES

General Offices at

BROKEN ARROW, OKLAHOMA

June 11, 1940

(photo: Hunsecker Letterhead)

New Hunsecker Collection: Part 2

Brought to you by [Collections Manager, Nancy Brian](#)

Hunsecker & Company, 1940

As reviewed in the BAHS January newsletter, Tracey Hunsecker Sr. (1894-1974) was a busy businessman. Originally starting in 1916 with a purchased grocery store in the Lawes building on Main St., he expanded by adding a dry goods store, and by 1922 started a chain with stores in Haskell and Bixby. By 1930 he built a new store at Dallas and Main, and by 1940 he had 8 working stores in NE Oklahoma. His only grocery store was in Broken Arrow, which was not one of his favorite enterprises, and he sold it to Charlie Peterson (Warehouse Market).

Making it through the Great Depression took fortitude and adaptability. Tracey Sr. was a civic leader, gathering a committee to study a special rooster-selling day, and in 1932 Rooster Day was a city wide celebration. During the 1930s there was a soup and canning kitchen to help with food preservation, that Tracy was involved with, and a Big Brothers Club in which Tracey Sr. was the second president. The Big Brothers Club initially provided eyewear to youth, then added food and clothing. He financially carried many people who shopped his stores with credit purchases, based on only a signature. People also came to him for loans. When he spotted an especially destitute family, he sent them, with a recommendation, to the Dept. of Public Welfare. Tracey Sr. was generous but not foolish... if you left him high and dry and did not communicate, he would hunt you down and legally garnish your wages. If, on the other hand, you wrote him about your troubles - a flood, illness, joblessness, stolen purse, burned down barn, dry oil well - he would work out a payment plan with you. In 1940 the grocery store became "cash and carry" - no more credit!

By 1940 his stores were in full swing, but he was cautious. He turned down an offer to open a store in Drumright due to the uncertainty of war. He reduced stock because "everyone seems scared to buy" and "conditions in Europe certainly look bad". Eventually he was not able to stock certain items at all, and ration others, due to the shortages of supplies during WWII.

But during the year 1940, Tracey Sr. carried a marvelous collection of fine clothing and goods in addition to tried and true work clothes and boots. He would take the train to NYC to preview and order 7th Ave. and Madison Ave. fashions. Western wear came out of Texas, shoes from St. Louis, sandals from Mexico. Ties and cravats and gaiters from Boston, fur and felt hats from Connecticut. The grocery store inventory would be recognizable today: Wonderbread, Kraft, Campbells, Heinz. Local suppliers included Yukon flour, Cains coffee, Broken Arrow Milling, Cedar Ridge Dairy, local meat.

Despite all the travel and management duties, Tracey Sr. served on many committees. He provided Thanksgiving dinner to several thousand school children through the Works Project Administration, he was invited into the Future Farmers of America, and took part in the NE Oklahoma Arsenal Assoc. and the National Defense Program. As a member of the Tulsa Farm Club, he was invited by Frank Phillips to be a guest at Woolaroc Lodge. Meanwhile, he wrote recommendations for his employees searching new jobs or positions, and as we entered war, he would add to his personal endorsement that the individual was "red, white, and blue" and "100% American". Lastly, at the end of the year 1940, he gave each employee a \$5 bonus. Tracey Hunsecker Sr. gave Main St., Broken Arrow, and Broken Arrow citizens a very good name.

BA HISTORY RUNS DEEP 2021 5K/FUN RUN



Sign up here!

The Museum's inaugural annual (VIRTUAL) 5k/Fun Run kicks off on New Year's Day!

When it's convenient for you, run or walk at your own pace, get a cool shirt, BA history map & medal. Run anytime January 1, 2021, through March 31, 2021.

Broken Arrow History Runs Deep; let's run (or walk) to support preserving our history!

Packets will be ready for pick up 7 business days after registration Thank you, [Arrow Exterminators](#) for sponsoring our run!

Artifact Spotlight: Barber Shop Pole

(Photo: Tucker's Barber Shop)

Many folks remember getting their 'ears lowered' at Tucker's Barber Shop on Main Street in Broken Arrow. The barber shop was owned and operated by Marvin Tucker from 1923 when it opened until he retired in 1975. Outside Marvin's shop stood the red and white barbershop pole most people today recognize as the symbol of a barber's shop. What you may not know about a barber shop pole is that its origins date back to the middle ages. Hundreds of years ago barbers did more than trim hair. They also worked as dentists and surgeons, providing services to those who couldn't afford to see a doctor. The red stripes symbolized bloodletting, a practice once used to try to cure diseases, while the white stripes symbolized bandages and the pole itself represented the instrument gripped during the procedure. The barber pole would be placed outside their barbershop to let customers know they were open for business. Some barber poles include a blue stripe, in the U.S. this is a nod to the nation's colors. When Marvin opened his shop, the barber pole purely represented a business for a haircut and a shave. By Abbie Parham



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BROKEN ARROW

ZOOM Book Club
Spring 2021

LORI LEWIS PRESENTING, WHEN BREATH BECOMES AIR BY PAUL KALANITHI JANUARY 14, 2021

RUSSELL LAWSON PH.D. SLAUGHTERHOUSE-FIVE BY KURT VONNEGUT FEBRUARY 11, 2021

JOHN COWARD PH.D. GILEAD BY MARILYNN ROBINSON MARCH 11, 2021

ANDREW VASSAR PH.D, JUMP AND OTHER STORIES BY NADINE GORDIMER APRIL 8, 2021

KURT LIVELY PH.D, THE UNDERGROUND RAILROAD BY COLSON WHITEHEAD MAY 13, 2021

All Book Club Meetings this season will be held via ZOOM from 6:30--8:00 P.M.
Please email jbrown@brokenarrowmuseum.org to be added to the ZOOM list.

OKLAHOMA HUMANITIES

LET'S TALK ABOUT IT OKLAHOMA

Generous funding provided by Kirkpatrick Family Fund, Inasmuch Foundation & Oklahoma City University

Your support is needed now more than ever.



3. SPECIAL EVENTS / ACTIVITIES

