

**To:** Honorable Mayor and City Councilors  
**From:** Michael Spurgeon, City Manager  
**Date:** December 1, 2017  
**Re:** Notes to Council

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### **1. STAFF REPORTS / ITEMS REQUIRING IMMEDIATE ATTENTION**

- Parks & Recreation Department Monthly Report – October 2017
- Utilities Department Monthly Report – October 2017
- Police Department Monthly Calls for Service Report – October 2017
- Finance Department – Annual Red Flag Report 2017

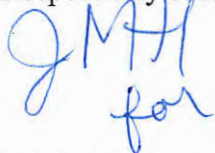
### **2. GENERAL CORRESPONDENCE / NOTIFICATION**

- Oklahoma DEQ Commendation Letter - FY 2018 Annual Report / Haikey Creek Industrial Pretreatment Program

### **3. SPECIAL EVENTS / ACTIVITIES**

- Military History Center Newsletter – November 2017

Respectfully submitted,



Michael L. Spurgeon

jmh  
Attachments

# 1. STAFF REPORTS / ITEMS REQUIRING IMMEDIATE ATTENTION



**To:** Kenneth Schwab, Assistant City Manager - Operations

**From:** Scott Esmond, Director Parks and Recreation



**CC:** Jennifer Hooks

**Date:** November 29, 2017

**Re:** October 2017 Monthly Report

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Please find enclosed the October 2017 Monthly Report for the Parks and Recreation Department.

Please contact Scott Esmond if you have any questions.

Encl: October 2017 Monthly Report



## Parks and Recreation Department

### October 2017 Monthly Report

#### DIRECTOR - PARKS AND RECREATION

#### BATTLE CREEK GOLF CLUB (BCGC)

##### GENERAL

- Beginning of October, Battle Creek Golf Club (BCGC) lost two straight days of play due to torrential rain and received an early cold spell at the end of the month. This negatively affected BCGC total revenues for October. Total revenues were \$131,926 compared to budgeted revenues of \$159,717. Total revenues were \$10,457 less compared to 2017 total revenues.

##### GOLF OPERATIONS

- Tournament rounds were slightly down from last year due to three late cancellations because of budgetary constraints. Overall rounds were down 11% from 2017 which caused overall revenues to be lower as well.
- Battle Creek Golf Club continued to host the Union Elementary Schools After School Golf Program which will continue through December. This program meets at BCGC on Thursday afternoons from 3:15pm to 4:15pm. Charles Gibson provides free lessons to introduce kids to the game of golf.
- Jeff Higgins, who is a member at BCGC, was kind enough to allow the kids to attend an outing at the All Star Sports Complex. This was a very, fun field trip because it allowed BCGC to introduce the youth of our community to another avenue to learn to love golf. It also gave them an opportunity to learn how to appreciate kind gestures by hand writing thank you letters to Mr. Higgins for allowing them the opportunity to participate in the field trip and play miniature golf.
- Finally, in the spirit of Halloween, BCGC hosted the Annual Ghost Open Tournament. This event was a 2-person scramble format. It provided a great opportunity for our members and patrons to play in a fun, relaxed event and showcase BCGC's great course conditioning to their guests. This event's goal is to provide a year-end event for all patrons.

##### COURSE MAINTENANCE

- BCGC had a total of 7.75 inches of rainfall. Temperatures ranged from the mid to upper 80's for highs and as low as the low 30's overnight. BCGC experienced the first freeze of the season.

- The maintenance team accomplished many tasks this month to improve or continue to provide excellent playing conditions of the golf course. These tasks included:
  - Irrigation repairs as needed.
  - Final seasonal mowing of all playing areas of the course.
  - Sprayed entire golf course with pre-emergent herbicide to help prevent any winter weeds.
  - Mowed all native areas and edged all bunkers.
  - Sprayed wetting agents to tee boxes, green surrounds, and fairways to extend the time intervals between watering.
  - Sprayed greens with fungicides, plant growth regulators, and insecticides as needed.
  - Needle tined all greens to improve oxygen exchange throughout the profile and to improve water infiltration.
  - Hand watered greens where needed daily.
  
- November, begin preventative maintenance to all equipment for 2018 mowing season, excavate drainage ditches as needed, haul away tree debris from the Maintenance Facility, and continue to hand syringe greens with water as needed.

## MONTHLY SUMMARY

- October rounds were 764 less total rounds to budget and 487 less than last year.

<u>October Rounds</u>	<u>Budgeted</u>	<u>Prior Year</u>	<u>Actual</u>
PUBLIC ROUNDS	575	559	465
TOURNAMENT	650	505	444
MEMBER	1,450	1,484	1,236
BATTLE CARD	275	235	178
TWILIGHT	250	189	145
MISC.	140	96	86
MEMBER GUEST	200	195	222
<b>TOTAL ROUNDS</b>	<b>3,540</b>	<b>3,263</b>	<b>2,776</b>

## MONTHLY GROSS REVENUE

- October total revenue was \$131,926 for the month, which was \$27,791 less than budgeted revenues.

	<u>October Budget</u>	<u>October Prior Year</u>	<u>October Actual</u>
DUES & FEES	27,700	23,739	24,801
GREEN FEES	55,155	46,276	42,540
CART FEES	16,884	16,399	14,262
MERCHANDISE	24,249	24,670	21,346
OTHER GOLF COURSE SERVICES	7,250	4,897	4,624
FOOD & BEVERAGES	28,479	26,402	24,353
<b>TOTAL REVENUE</b>	<b>159,717</b>	<b>142,383</b>	<b>131,926</b>

## BANQUET FACILITY USAGE REPORT

<b>October</b>	<b>Event</b>	<b>\$</b>
3	Event	430.00
7	Tournament	0
8	Wedding Reception	895.00
9	Tournament	0
13	Wedding Reception	1,732.00
20	Tournament	0
22	Wedding Reception	840.00
25	Tournament	0
	<b>Total Banquet Revenue</b>	<b>\$ 3,897.00</b>

### BANQUET

- Two additional events have been booked for the upcoming holiday season.
- An email campaign was used to promote the Banquet Facility for Christmas parties.

### GRILL

- Decorated for Halloween and gave out complimentary treats to customers to promote fun.

## SPECIAL EVENTS DIVISION

### COMMUNITY EVENT MANAGER

- Attended weekly staff meetings.
- Received, processed, and reviewed several applications for events.
- Attended Rose District Farmers Market on Saturdays.
- Met with Hmong New Year organizer and elders to discuss planning, safety, and logistics.
- Met with Event Division Staff to discuss staffing for events in October.
- Met with staff to discuss events that impact road closures in the Rose District.
- Prepared, planned, and attended Special Events Committee meetings.
- Attended Wine, Eats & Easels event.
- Attended Stepping Out for Scleroderma event.

- Prepared for and hosted Fall Festival at the Rose District Farmers Market.
- Attended Rose District Anniversary event.
- Attended Broken Arrow Public Schools/City Task Force Meeting.
- Attended Broken Arrow Public schools Homecoming Parade.
- Attended meeting with staff to discuss training opportunities and needs for employees.
- Attended Vehicle and Equipment Incident meeting to discuss new procedures.
- Attended Emergency Action Plan meeting to discuss current policy.
- Prepared for United Way Fun Day to be held at Central Park Community Center.
- Attended meeting with Broken Arrow Police Department staff to discuss the Cox Community Concert and challenges this year.
- Met with staff to discuss 2019-2023 fiscal years capital plan.
- Met with Broken Arrow Fire Department, Tulsa County Health Department, and Hmong event organizer to finalize food safety and event details.
- Attended American Parkinson Disease Walk.
- Attended City of Broken Arrow University (COBA-U) meeting.
- Met with Ruts N Guts event organizer to discuss site plan and safety concerns.
- Attended Employee United Way Fun Day.
- Attended set up and event for the three day Hmong New Year Festival.
- Attended Rose District Pumpkin Pop-Up event.
- Attended Night Out Against Crime event.
- Met with ScotFest event organizers to discuss dates and logistics needed for event.

## **RECREATION DIVISION**

### **RECREATION MANAGER**

- Attended an overview of Vehicle/Equipment Incident Procedures which will be discussed with staff at the Indian Springs Maintenance Facility. Also attended meeting.
- Recreation Division Staff hosted Fall Fun Fair at Central Park Community Center. Post-event report was submitted through Notes to Council on October 13th. Event was well attended and an overall success.

- Attended Special Events Committee meetings.
- Attended and presented park projects and events at the quarterly City/Schools meeting.
- Attended Insurance Advisory Committee meeting and Certify Training at City Hall.
- Recreation Manager oversaw Ray Harral Nature Center during "Story Time" while Nature Center staff presented the event.
- Attended meeting with Parks and Recreation Director, Human Resource Director, Parks Maintenance Manager, and Community Events Manager to discuss scheduling of Tulsa Technology Parks Maintenance classes and other possible training opportunities for Department.
- Scheduled Vehicle/Equipment Incident Procedures meeting for Recreation Supervisors and Special Events Staff at the Events Park Office with Safety and Risk Management Staff.
- Attended Emergency Action Plan meeting at Operations Building held by Safety and Risk Management Staff.
- Attended meeting with Parks and Recreation Director, Community Events Manager, Parks Maintenance Manager, Parks and Recreation Administrative Assistant to discuss Sales Tax Capital Improvement projects for 2019 to 2023.
- Conducted Monthly Recreation Division meeting at Central Park Community Center.
- Attended Planning Meeting for 2018 Seasonal Recruitment with Human Resources Staff.
- Met with Broken Arrow Seniors Executive Director to discuss signage for Senior Center.
- Scheduled and conducted several interviews for Recreation Technician position. Interviews were assisted by the Employee Coordinator, Nature Center Supervisor, and Central Park Community Center Supervisor.
- Attended GreenCity GIS work order software meeting pertaining to the Parks and Recreation Department.
- Attended and assisted United Way Fun Day held at Central Park Community Center.
- Recreation Division Staff operated a game booth during Night Out Against Crime in the Rose District. Over 3,000 pieces of candy were handed out. Event was a success.

#### CENTRAL PARK COMMUNITY CENTER

- Logged visitors were 2,669 which is an increase of 206 compared to September.
- Held a Recreation Assistant's annual performance review.
- Attended Recreation Technician position interviews.
- Attended Recreation Manager's Monthly Supervisors meeting.



- Attended Vehicle/Equipment Incident Procedures meeting held at the Events Office.
- Center Supervisor and Recreation Assistants assisted setup and cleanup for United Way Fun Day held at Central Park Community Center.
- Central Park Community Center hosted Annual Fall Fun Fair event with an estimated 550 participants. Attendance was more than doubled compared to 2016. Post-event report sent to Recreation Manager and submitted to Notes to Council on October 13th.
- Attended Recreation Manager's Monthly Recreation Division staff meeting.

#### NIENHUIS PARK COMMUNITY CENTER

- Logged visitors for October were 1,751 which is an increase of 280 compared to September.
- Met with Broken Arrow High School basketball coach about future gym usage.
- Attended Vehicle/Equipment Incident Procedures Meeting at the Events Park Office.
- Attended Recreation Division Staff Monthly Meeting at Central Park Community Center.
- Nienhuis Park Recreation Staff held a Paddle Battle Double Elimination Ping-Pong Tournament with 6 participants. Will try to attract more participants by advertising event on Ping Pong websites and Facebook pages.
- Center Supervisor worked two Saturdays at Ray Harral Nature Center.
- Met with Broken Arrow Volleyball Club (BAVC) about usage of the facility for an upcoming tournament in November.
- Center Supervisor held Nienhuis Park Staff Meeting; discussed security and emergency action plan, rules/policies concerning the Center, and RecTrac software user issues.
- BAVC held three tryout sessions for their upcoming winter competitive season.
- Pickleball players from Central Park used Nienhuis Park gym due to the United Way Fun Day being held in the Central Park Community Center gyms.
- Planning and calling vendors for Pizza with Santa event to be held in December.

#### RAY HARRAL NATURE CENTER

- The estimated total number of visitors in the Nature Center was 1,113 which is a decrease of 178 compared to September.
- Ray Harral Nature Center's Classroom held 5 various parties during the month.
- Nature Center Staff lead 10 individuals from a private party on a guided hike.

- Nature Center hosted Story Time with 26 individuals in attendance. Joining the program was Tulsa County Library with the “Imagination Station” traveling library.
- Dayspring Community Services of Tulsa, with 17 elementary students, visited Ray Harral Nature Center for a nature class and a guided hike through the park.
- The Tulsa Audubon Society hosted “After Work Bird Walk” at Ray Harral Nature Park.
- Center Supervisor attended ground breaking of an Outdoor Ecology Classroom. This project is a partnership between the City of Broken Arrow and Broken Arrow Public Schools that provides students with a hands-on educational resource.
- Nature Center hosted City of Broken Arrow Employee Advisory Committee meeting.
- Nature Center Supervisor attended Recreation Manager’s Monthly Staff meeting.
- Nature Center Supervisor attended Monthly Employee Event Steering Committee meeting.
- Nature Center Supervisor attended Safety Coordinator’s Vehicle/Equipment Incident Procedures meeting.

## **PARKS MAINTENANCE DIVISION**

### **PARKS MAINTENANCE MANAGER**

- Attended Director’s weekly staff meeting.
- Conducted staff meetings with Parks Maintenance Division Supervisors.
- Monitored ongoing park projects:
  - Streetscapes Phase IV: Still waiting on contractor to touch-up edges for Rose District plaques and reset clock chime to outdoor speaker.
  - Indian Springs Sports Complex (ISSC) Renovation Project: Pre-construction meeting was held, and contractor was told they could start on baseball complex after November 12<sup>th</sup> and on soccer complex after November 26<sup>th</sup>.
  - Interactive Water Feature (IWF): Contractor needs to complete sump pump replacement and coat exposed rebar in the basin. Still waiting on extra granite pavers to be delivered.
  - Indian Springs Soccer Field Lighting: Final punch list items sent to contractor. System is operational with some minor adjustments scheduled to be completed by lighting manufacturer. Contractor working to repair security light line cut during lighting system construction.
  - Arrowhead Concession/Restroom/Umpire Building: Still in design phase to enlarge building plan.
  - Country Aire Playground Replacement: Preparing to bid.
  - Leisure Park New Splash Pad and Replacement Playground: Preparing to bid.
  - Rose West Dog Park and Restroom: Sidewalk construction on-going. Working with Engineering and Construction (E/C) Department to determine options to drain water, plans did not call for sufficient grading of the site.

- Events Park and Liberty Trail Restrooms: Pre-construction meeting held, contractor started on restroom pad and footings at each site. Utilities Department starting on sewer line installation.
  - Events Park Playground and Pavilions: In bidding process. Bid opening November 7<sup>th</sup>.
  - Events Park Third Access Road: Waiting for contractor to re-install security pole gate to proper location.
  - New Adult Softball Complex: Environmental study has been approved to determine best location for complex in park.
  - Events Park Security Lighting: Waiting on delivery of light poles.
  - Nienhuis Pool Parking Lot Lighting: Preparing to bid.
  - Veterans Park Phase III: In preliminary design phase.
  - Memorial Park/Garden: In preliminary design.
- Monitored mowing and pond maintenance contracts. Contracts concluded and will resume next spring. Working with contractor to get budget estimate to provide mowing cycle to Liberty Parkway trail.
  - Interviewed and hired one candidate for a Park Maintenance Worker position. Still have one Park Maintenance Worker position being advertised.
  - Met with Risk Management and Parks Division staff to review accident investigation procedures, and receive Occupational Safety and Health Administration (OSHA) training cards.
  - Entered requisition for holiday lighting in the Rose District, informed Chamber of Commerce personnel and lighting contractor that purchase order had been issued. Chamber of Commerce personnel to coordinate final installation and ceremony details. Scheduled building maintenance to check all power outlets prior to the start of light installations.
  - Met with rugby club personnel concerning relocation of their field site in the Events Park. Field will be temporarily moved to northeast section of the Events Park due to construction of restroom, playground, and pavilions.
  - Met with Human Resources (HR) and Department staff concerning upcoming maintenance training opportunities that will be coordinated by HR.
  - Attended meeting at Rose West Dog Park site with E/C personnel and design firm personnel to discuss potential drainage problems with turf areas. E/C investigating options to resolve this matter.
  - Quoted and ordered pet fountains for Rose West Dog Park. Also, quoting dog waste stations for the site.
  - Quoted fence replacement along the Liberty Parkway Trail that was damaged in a motor vehicle accident.
  - Provided assembled photos of two bike repair stations to Keep Broken Arrow Beautiful (KBAB) chairman. Funds, which purchased the bike stations, were secured by a KBAB grant. Ordered one additional bike station. All bike stations will be installed on the Liberty Parkway Trail.

- Met with Parks and Recreation Director and staff to discuss Capital Improvement Plan (CIP) for fiscal years 2019-2023.
- Investigated motor vehicle accident which a citizen ran into the back of a Parks Division van. Tulsa Police Department (TPD) worked accident, all reports and photos were sent to Risk Management. Facility supervisor was driving the van and placed on light duty with minor injuries.
- Attended meeting with GreenCity GIS to review Workforce, a work order software. Software was not included in current contract and will need to be budgeted.
- Attended City of Broken Arrow and Broken Arrow Public Schools Ecology/Wetlands Park partnership kickoff celebration held at the subject's detention pond.
- Met with E/C and contractor at ISSC to review new field lighting systems installed at the west soccer complex. Light sensor readings were checked across each field, minor punch list items were identified.
- Met with E/C personnel at the Family Aquatic Center to review resurfacing bid for water slides.

#### FACILITIES MAINTENANCE SECTION

- Performed daily filtration and chemistry checks on the IWF until site was closed for season. System was winterized and basin was washed out. All filters and strainers were drained. Chemical lines disconnected. Valves that were identified as not working properly were cleaned.
- Conducted monthly playground inspections. Added 120 cubic yards of surfacing to Central Park playground. Installed surface drain in entrance sidewalk to Haskell Park playground. Drain will collect rainwater that flowed into the playground and disrupted safety surfacing. Applied herbicide to weeds inside surfacing border.
- Installed bike repair stations on concrete pads at Valley Ridge Trailhead and Northeastern State University Trailhead.
- Attended safety meeting over accident reporting/investigation.
- Setup and removed mobile stage for Fun and Games on Main event. Assisted Broken Arrow Police Department with delivery of tables, chairs, and trash barrels.
- Repaired metal park sign at Ray Herral Nature Park. Several sign letters needed welded in place.
- Formed and installed concrete pad at ISSC soccer complex for bleacher placement. Installed 4 flagpole sleeves for Broken Arrow Soccer Club banners.
- Contacted Whitewater West Company and received work specifications to resurface water slides at the Family Aquatic Center. Provided specifications to Engineering Department.

- New 16' wide area mower was delivered. Unit was checked in by Fleet Department and has been put into service.
- Lowered and raised department flags as ordered. Replaced tattered flags as needed.

## GROUNDS MAINTENANCE SECTION

- Checked and cleaned all outdoor restrooms. Removed litter from park sites and delivered recyclable materials to the Metropolitan Environmental Trust (M.E.T.)
- Routine mowing/trimming of park grounds and trails. Performed 90 mow cycles to 37 sites. Extra mowing time concentrated at Events Park in preparation Hmong New Year event. Setup water hookups for event.
- Mowed athletic fields at ISSC and Nienhuis Park 2-3 times per week. Prepared soccer fields for Tulsa Open Tournament and football fields for season ending playoffs.
- Aerated soccer fields.
- Assisted Broken Arrow Rugby Club with removal of goalposts.
- Inspected synthetic turf football fields after weekly use.
- Performed monthly inspection of Liberty Parkway Trail. Removed mud from trail after monthly rains.
- Attended safety meeting over accident reporting/investigation.
- Grounds Supervisor met with mowing contractor to review Liberty Parkway Trail for a budget estimate on contractor mowing the site.
- Crew provided equipment support at the City of Broken Arrow and Broken Arrow Public Schools Ecology/Wetland Park partnership kickoff.
- Identified additional monarch waystation planting areas that will be seeded/planted this winter.
- Updating ISSC irrigation components into our GIS park inventory.
- Routine weekly painting of athletic field boundary lines at Nienhuis Park and ISSC. Marked off lacrosse fields at Nienhuis Park that will be used through December.
- Fertilized all athletic fields at ISSC and spot spray weeds.
- Performed routine mowing equipment maintenance: bearing replacements, blade sharpening, hose replacement, etc.
- Trapping gophers on athletic fields and on ballfields at ISSC.
- Checked football scoreboards prior to playoffs. Repaired one controller and sent one back to manufacturer for repairs.


- Delivered and removed tables/chairs for United Way Fun Day.

## HORTICULTURE/FORESTRY SECTION

- Performed routine maintenance in Rose District: blew sidewalks, removed litter, weeded beds, etc.
- Checked and adjusted irrigation system in Rose District as required. Identified location of leak under sidewalk pavers, made repairs, and reset pavers.
- Sprayed Nienhuis Park Rose Garden with insecticide and fungicide.
- Removed large, secluded willow tree from the back of Leisure Park where a problem occurred with people camping out overnight. Shape of tree made the area susceptible to this type of activity.
- Removed several trees that fell across trails at Ray Herral Nature Park (RHNP) and blew debris from trails.
- Reconstructed irrigation to City Hall waystation in order to pick up an adjacent landscape bed.
- Rose District, removed summer annuals from landscape beds and planted winter annuals. Removed flowering hanging baskets from Rose District poles.
- Continue with annual tree pruning throughout park system. Raising limb height to 8' and removing deadwood as needed during pruning process. Hauled trimmings and deadwood to Tulsa green waste site.
- Attended Parks Division safety meeting concerning accident reporting and investigating.
- Cutback overgrown milkweed from waystations.
- Horticulturist monitored contractors' maintenance of rose plants in the Rose District and Centennial Park.

End of Report

**INTEROFFICE MEMO**

**To:** Michael Spurgeon, City Manager  
**From:** Anthony Daniel, Utilities Director   
**Date:** November 30, 2017  
**Re:** Utilities Department Monthly Report – October 2017

	October 2017	October 2016
<b>Water Treated, Purchased and Distributed</b>		
Water Purchased from Tulsa	1.0 MG	4.4 MG
Water – Produced at Verdigris WTP	<u>329.1 MG</u>	<u>385.5 MG</u>
Total	330.1 MG	389.9 MG
<b>Wastewater Treated</b>		
Lynn Lane Plant	132.2 MG	110.9 MG
Haikey Creek Plant flow from BA	177.2 MG	133.7 MG
Haikey Creek Plant flow from Tulsa	192.9 MG	188.4 MG

**LLWWTP Maintenance Summary-  
David Handy**

1. Installed French drain on west side of chlorine building.
2. Installed drain pan for wash down in scrubber room on the south side of the chlorine building.
3. Cleaned up areas and sowed grass seed. Repaired fence and adjusted west gate to west property.
4. Rebuilt pump #2 (south) belt press feed pump.
5. Replaced rubber skimmer arm on east clarifier.
6. Finalizing QC control charts and continuing training.
7. Performed maintenance on facility grounds.

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

**Fats, Oil & Grease (FOG) Program Activities**

**1. Food Handling Establishment Inspections:**

- City pretreatment staff performed 53 food handling establishment inspections in the month of October. Staff inspected manifests for grease interceptor maintenance, inspected the interceptors, and discussed best management practices with management. Establishments with interceptors that were improperly maintained or in need of repair were given 15 days to correct the deficiency. Re-checks were done for non-compliance issues.

## **2. FOG Program Administration:**

- Pretreatment staff are still encouraging residents to recycle used cooking oil. Residents can get a free cooking oil recycle container and recycling instructions at the City of Broken Arrow One-Stop Center and Utilities Billing.
- Indian Springs Country Club was asked to submit a compliance plan for installing a grease interceptor to the Pretreatment Office. The plan was submitted and Indian Springs Country Club has agreed to have the interceptor installed by July 2018.
- Union Public Schools submitted a best management practice document outlining standard operating procedures that they believe will keep fats, oil, & grease out of the City of Broken Arrow Sanitary Sewer System. Union Public Schools has requested to forgo installing grease interceptors at Tom Peters and Christa McAuliffe Elementary Schools. The plan is under review.

## **Industrial Pretreatment Activities:**

### **1. Industrial Pretreatment Program Administration:**

- Annual Pretreatment Program Reports were submitted to DEQ for Lynn Lane and Haikey Creek Wastewater Treatment Plants. Reports are required to cover the period from October 1, 2016 to September 30, 2017. The reports were due on October 31, 2017. The following items are covered in the report:
  1. An updated list of significant industrial users within the treatment basin
  2. Permit or control document status such as, expiration date and permit application submittal
  3. A summary of all monitoring activities performed, such as inspections performed and sampling visits conducted
  4. Status of compliance with effluent limitations and reporting requirements for the permittees
  5. A list of any significantly violating industries
  6. Enforcement actions performed by the City of Broken Arrow for priority pollutants listed in the OPDES permit
  7. Influent and Effluent sampling done at each wastewater plant
  8. A comparison of technically based local limits given to industrial users in their permits, maximum allowable headworks loading calculations for the wastewater treatment plant, and Oklahoma water quality limits for the receiving stream
  9. Pollution prevention and community awareness efforts

City of Broken Arrow and Regional Metropolitan Utility Authority Annual Pretreatment Reports sent to DEQ were on the Broken Arrow Municipal Authority meeting Agenda for November 7, 2017.

### **2. Compliance monitoring reports and laboratory analysis:**

- Blue Bell compliance self-monitoring report and laboratory analysis were received for the month of September and reviewed. Five daily biochemical oxygen demand (BOD)



permit violations and a monthly average permit violation were noted. Monthly surcharges for conventional pollutants above residential thresholds were calculated in the amount of \$40,489.90 for the month of September. Surcharges have been suspended until January of 2019 when the consent order issued to Blue Bell by the City of Broken Arrow is complete and Blue Bell is expected to begin operation of a pretreatment system. Blue Bell has been ordered to begin construction of this pretreatment system by January 8, 2018. 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.

- Unifirst compliance self-monitoring report and laboratory analysis for the month of September was received and reviewed. No deficiencies were noted. Monthly surcharges for conventional pollutants above residential thresholds were calculated in the amount of \$3,748.96 and submitted to finance for billing. City Pretreatment staff and Unifirst maintenance staff took process samples from Unifirst's pretreatment unit to look at ways to lower their surcharges. Results were examined and Unifirst is exploring ways to maximize use of their new pretreatment unit.
- CSI Aerospace compliance self-monitoring report and laboratory analysis were received and reviewed. No deficiencies were noted.
- PACCAR Winch compliance self-monitoring report and laboratory analysis were received and reviewed. No deficiencies were noted.
- Verdigris Water Treatment Plant citric acid waste was sampled to ensure safe disposal into the City of Broken Arrow sanitary sewer system. Laboratory analysis was received and reviewed with no deficiencies noted.
- Gruv-N-Gasket compliance report was received and reviewed. No deficiencies were noted.
- Lynn Lane Wastewater Treatment Plant influent and effluent priority pollutant scan laboratory analysis was received and reviewed. No deficiencies were noted.
- Flight Safety International toxic organic management plan and accidental spill prevention plan were received and reviewed. Both plans have been approved.
- GHD Services sampled ground water from the underground storage tank at Quik Trip 71<sup>st</sup> & County Line for a list of pollutants that the City of Broken Arrow requires to be analyzed to ensure that gasoline has not contaminated the ground water. Laboratory analysis were received and reviewed with no deficiencies noted. Approval to discharge the ground water to the City of Broken Arrow sanitary sewer system was granted.
- Russelectric compliance self-monitoring report and laboratory analysis were received and reviewed. Self-monitoring was late due to a change in management. Russelectric provided the necessary written notification. City Pretreatment staff met with the new management and outlined the permit requirements and responsibilities. No written violation was issued.

## **UTILITIES DISTRIBUTION/COLLECTIONS MAINTENANCE SUMMARY**

### **WATER DISTRIBUTION – Jerry Hanewinkel**

1. New Taps and Meters set-52
2. Responded to 552 Call Okie Line Locates
3. Replaced 234 meters
4. Repaired or Replaced 90 meter boxes and valve boxes
5. Meter leak repairs done-28
6. Responded to 40 water leak calls
7. Distribution Main Leaks repaired-14

8. Replaced 26 Curb Stops
9. Valve truck crew exercised 126 valves for the month, bringing the total to 994 for 2017
10. Installed 3 service crossings
11. Responded to 59 water system service requests
12. Fire Hydrants Repaired-6
13. Fire Hydrants Replaced-1
14. Painted 21 fire hydrants. Total of 1,041 for 2017
15. Cleaned and restored 9 yards after water line repairs were done
16. Flushed 50 main lines for water quality issues
17. Checked 16 auto flushers in service

### **SEWER COLLECTION- David Marlow**

1. Service requests calls-45
2. Sewer line locates done-95
3. Sewer line blockages-12
4. Stand-by and night crew responded to 19 sewer calls
5. Manholes cleaned /raised/repared-5
6. Clean ups done at 5 locations after repairs to sewer lines were done
7. Sanitary Sewer Overflows (SSO's) reported to ODEQ for the month of October-8
8. Sewer lines repaired/replaced-134 ft.
9. Sewer lines root cut-590 ft.
10. CCTV inspections done-1,371 ft.
11. Sewer line cleaned-2,328 ft.
12. Sinkholes repaired-5

### **BOOSTER AND LIFT STATIONS**

1. Routine station visits (29 lift stations and 4 booster stations)-554
2. Check valves/pumps cleaned at eleven stations
3. Wet wells cleaned using vactor truck-6
4. Booster station emergency calls-1
5. Grounds keeping at lift stations and booster stations-6
6. Lift station maintenance and repairs done-
  - South Park South-removed trash from pump #1 & #2 and reset
  - Willow Springs-replaced check valves
  - Willow Springs-replaced check valve on #2 pump
  - ISSC-cleaned check valve, rebuilt & installed rotation assembly for #1 pump
  - ISSC-pulled trash from #3 pump and re-primed all pumps
  - ISSC-replaced vacuum pump on #2 pump
  - ISSC-installed new wear plate on #1 & #2 pumps, replaced flapper on #2 pump
  - South Park South-cleaned 3 way valves on #1 pump. Repaired reed on #2 vacuum pump
  - Old Adams Creek-pulled, rebuilt and reinstalled pump #2A
  - Westwind-rebuilt, cleaned & reassembled #1 check valve
  - Windsor-replaced heater
  - Park Lane-replaced heater
  - Adams Creek North-reprimed pump #3 on three separate occasions due to alarm failure
  - Adams Creek North-tightened belts on pump 1A & 1B, cleaned air release valve on pump #1
  - Adams Creek North-pulled trash from flapper on set #3
  - Adams Creek North-replaced flapper in #3A
  - Villas on the Greens-pulled trash from #3 pump

- Villas on the Greens-replaced filters on #2 & #3 pumps
- AEI contractor replaced valves at several lift stations

### **METER READING – Derriel Bynum**

1. Replaced Meters-22
2. Placed Door Hangers for bad checks-104
3. Turn Ons for nonpayment-416
4. Turn Offs for nonpayment-424
5. New Account Service Initiated-505
6. Accounts Finaled-501
7. Read 38,186 Meters for the month of October 2017
8. Construction Meters Set-4
9. Rereads/Leak Tests-125
10. Meter boxes replaced-12
11. Misreads-25 verified
12. Met with residents to discuss their high bill/water usage concerns-8
13. Meters pulled-8
14. Resident Checks-6
15. UME Chambers replaced-2

#### **AMR PROJECT-**

- Retrieved water use history from 8 AMR radio devices and provided the 90 day graphs to the customers.
- Dead AMR registers replaced-6

### **UTILITIES CONSTRUCTION – Tommy Kimbrough**

1. WL 1801 (West Park)-installed 950' of 6" C-900 water line
2. 301 W New Orleans St (BA Schools)-installed 15' of 8" C-900 water line & 40' of 12" C-900 water line
3. 7700 S Juniper Pl-installed 62' of 15" SDR-35 sewer line
4. Meters replaced-32
5. Taps made & installed-12

### **WATER QUALITY- Diana Flora**

1. Flushed dead end water lines at 39 locations.
2. Tested chlorine levels near auto flushers to verify all are working, 16 total.
3. 3 dirty water calls, 43,125 gallons of water flushed to improve water quality.
4. Collected 100 Bac-T samples and 2 chlorine (am/pm) daily for the monthly reporting.
5. Distribution system-11 parameter testing at 13 locations every two weeks.
6. Total gallons flushed to improve water quality in October; 4,415,495 gallons.

### **VERDIGRIS WTP – Jimmy Helms**

1. Installed a new electric motor on the lab exhaust fan.
2. Greased exhaust fan bearings on the roof.
3. Installed new flange on the west Cl2 tank influent line going into the tank.
4. Made temporary repairs to the CIP chlorine/caustic FRP tank.
5. Relined the bottom of the aluminum chlorohydrate FRP bulk tank.
6. Relined the bulk sodium hypochlorite FRP tank.

7. Installed new emergency shower and eye wash station sign on the southwest corner of the membrane building.
8. Installed new cover on blower in chemical room north of ACH day tank.
9. Repaired the leak on the flange / valve above the Citric Acid waste tank.
10. Replaced communication card on blower B.
11. Replaced chlorine metering pump #2 upper hose to feed panel, and the male cam lock fitting.
12. Installed new blower covers on all 3 blowers in generator room.
13. Installed new filters on air line in high service.
14. Opened influent valve to surge tank, surge tank was placed back online to check for leaks through valve stem.
15. Surge tank was taken offline; no leaks were found on the valve stem.
16. Changed encoders on #2, and #4 sludge trains.
17. Installed secondary chlorine injection spear.
18. Installed new check valve on original chlorine spear.
19. Repaired leak on Slave #2 Chlorine generator 2" valve.
20. Installed new bollards around the west basin.
21. Installed new sump pump in Sodium Hypochlorite containment area.
22. Safety meeting on 10/18/17.
23. Held D/C Water Operator class on the 24<sup>th</sup> and 25<sup>th</sup>.
24. Pulled tank heaters on the CIP/caustic tank, cleaned, inspected and reinstalled.
25. Replaced cell temperature switch on master sodium hypochlorite generator.
26. Installed surge protector on I/O side of blower "B" after cooler communications card.
27. Installed 8" in. tank flange on the brine tank for the solids scanner.
28. Conducted a tour of the water plant for Miss Sarah Currie's 3<sup>rd</sup> grade class from Anderson Elementary.
29. Conducted a tour for Cody Milton of the Legal Department.
30. Participated in a conference call with ECCI Engineering regarding FRP bulk chemical tank repairs.
31. Painting valve operators.
32. Feeding of fluoride stopped temporarily as of 11/8/17 to enable fiberglass tanks to be inspected by engineer.

## **ASSISTANT DIRECTOR-Barney Campbell**

### **MEETINGS**

- Utilities Staff meetings
- Project WL1804
- Veteran's Park Phase III
- Meetings with Utilities Director
- Water & Sewer GIS Update
- Tiger Hill Water Tank Restoration
- County Line Trunk Sewer Line Progress

### **DEVELOPMENT PLAN REVIEWS**

- Forest Ridge Swim & Tennis Center

- Ninety One Phase III
- Dover Artificial Lift
- Jim Norton Chevrolet Expansion

#### IN HOUSE PLAN REVIEW

- College Street water line-Main to Cedar
- Veteran's Park Phase II
- Tiger Hill Water Storage
- Albany Street Improvements
- 9<sup>th</sup> Street Improvements-El Paso to Elgin

#### **DIRECTOR'S REPORT—Anthony Daniel**

1. Attended the weekly City Manager's leadership meetings.
2. Attended the weekly Asst. City Manager of Operations staff meetings.
3. Conducted the weekly Utilities Department staff meetings.
4. Attended the scheduled city council and BAMA meetings.
5. Attended the monthly RMUA operations committee meeting along with City of Tulsa staff at HCWWTP to review O & M of the plant and status of O & M funded CIP projects.
6. Attended the bimonthly project coordination meeting with E & C staff to review progress of each CIP project.
7. Met with customer along with city staff to discuss their high water bill.
8. Met with E & C staff and RJN consultants to review the 90% plans for Phase I improvements to the Haikey Creek sewer trunk line.
9. Attended the monthly safety meeting at the WTP.
10. Met with E & C staff and HDR to review the 60% design on the PT basin for the WTP.
11. Participated in the quarterly meeting between city staff and BAPS to discuss city projects.
12. Attended the meeting with E & C and Tulsa staff to discuss the change order for the Influent Diversion structure at HCWWTP.
13. Attended the biweekly water and sewer GIS map update progress meeting along with E & C staff and Meshek engineers.
14. Participated in a public meeting held on October 12, 2017 at Grace Community Church at 91<sup>st</sup> and County Line Road to address citizen's concern about sewer odor emanating from the County Line sewer trunk line.
15. Phone conference at the WTP with ECCI engineering consultants to discuss the proposed inspections of the FRP chemical tanks.
16. Attended a meeting with E & C and HUB engineers to review the plans done to date on the proposed improvements to the Tiger Hill west 1.0MG tank.
17. Attended the Emergency Action Plan training conducted by HR safety coordinator.
18. Attended the weekly meeting at the LLWWTP. Focus was on safety and operations issues.
19. Participated in the Regional Water Planning meeting at the Tulsa Chamber.
20. Onsite meeting at the WTP with ECCI engineer, AAA FRP tank repair contractor and plant staff to discuss the findings of the internal inspections done on the four "Group A" tanks.
21. Attended meeting with E & C staff and PEC to discuss progress on County Line sewer trunk line project.
22. Attended six sigma and lean training conducted by City of Tulsa Utilities staff.

23. Met with Pencco reps and sewer crews and planned out the field data gathering for Hydrogen Sulfide levels along County Line sewer trunk line.
24. Participated in the presentation to city staff the results of the H<sub>2</sub>S levels field data gathered by Pencco.

**PROJECT TO DO LIST: NONE**

**To:** Michael Spurgeon, City Manager

**From:** Brandon C. Berryhill, Chief of Police *BCB*

**Date:** November 20, 2017

**Re:** **Calls for Service**

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Attached please find:

- BAPD Calls for Service Report – October 2017

:trl

Attachments



# Broken Arrow Police Department October 2017 Calls For Service



Calls for Service	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Animal Control
<b>1st Shift (10pm - 8am)*</b>						
Beat 1	21	7	182	53	66	0
Beat 2	17	8	144	49	252	0
Beat 3	22	8	87	46	71	22
Beat 4	10	4	127	32	129	0
Beat 5	2	5	11	7	2	0
Beat 6	1	0	22	6	48	0
Beat 7	13	5	109	29	51	0
Beat 8	5	3	41	18	72	0
Other	0	0	4	5	8	0
	91	40	727	245	699	22
<b>1st Shift average response time per priority</b>						
	<b>Priority 1</b>	<b>Priority 2</b>	<b>Priority 3</b>	<b>Priority 4</b>	<b>Priority 5</b>	<b>Animal Control</b>
Call Received to Dispatch	0:01:17	0:01:05	0:03:57	0:05:57	0:05:32	0:00:00
Dispatch to Arrival	0:04:30	0:04:39	0:05:05	0:06:50	0:06:29	0:00:00
Call Start to Arrival (10/2017)	0:05:45	0:05:45	0:09:18	0:12:58	0:12:18	0:00:00
Call Start to Arrival (10/2016)	0:05:10	0:05:16	0:08:24	0:11:48	0:12:40	3:20:16
<b>1st Shift Oct. Total Calls</b>		1830	(854 were self-initiated calls)			
<b>2nd Shift (7am - 5pm)*</b>						
Beat 1	29	13	222	139	87	23
Beat 2	24	17	224	231	486	21
Beat 3	37	13	113	98	112	180
Beat 4	16	12	135	103	222	48
Beat 5	7	3	15	18	7	5
Beat 6	2	1	27	18	73	4
Beat 7	26	14	174	131	76	36
Beat 8	7	6	40	30	58	8
Other	1	1	5	8	36	3
	149	80	955	776	1157	328
<b>2nd Shift average response time per priority</b>						
	<b>Priority 1</b>	<b>Priority 2</b>	<b>Priority 3</b>	<b>Priority 4</b>	<b>Priority 5</b>	<b>Animal Control</b>
Call Received to Dispatch	0:01:12	0:01:11	0:05:57	0:12:36	0:14:51	0:36:52
Dispatch to Arrival	0:05:06	0:06:11	0:07:14	0:09:24	0:07:33	0:16:33
Call Start to Arrival (10/2017)	0:06:17	0:07:23	0:13:34	0:21:51	0:22:27	0:53:36
Call Start to Arrival (10/2016)	0:06:36	0:09:04	0:14:05	0:24:00	0:20:49	0:51:37
<b>2nd Shift Oct. Total Calls</b>		3476	(1432 were self-initiated calls)			

\* There is some overlap in reponse numbers because all three shifts overlap.

\*Total call and self-initiated call amounts include priority 7 calls.

By: Aleisha Wickersham





# Broken Arrow Police Department October 2017 Calls For Service



Calls for Service	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Animal Control
<b>3rd Shift (3pm - 1am)*</b>						
Beat 1	28	13	294	130	117	4
Beat 2	42	16	240	168	495	10
Beat 3	39	15	140	111	114	31
Beat 4	25	8	194	87	171	13
Beat 5	7	3	19	17	10	2
Beat 6	5	1	21	19	72	1
Beat 7	39	13	177	107	134	13
Beat 8	8	6	51	43	56	4
Other	3	0	8	9	28	1
	196	75	1144	691	1197	79
<b>3rd Shift average response time per priority</b>						
	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Animal Control
Call Received to Dispatch	0:01:19	0:01:26	0:06:18	0:11:56	0:12:07	0:18:09
Dispatch to Arrival	0:05:34	0:05:41	0:06:27	0:08:51	0:06:35	0:16:18
Call Start to Arrival (10/2017)	0:06:51	0:07:09	0:12:56	0:20:40	0:18:37	0:35:55
Call Start to Arrival (10/2016)	0:06:40	0:07:57	0:13:44	0:23:41	0:23:05	0:30:49
<b>3rd Shift Oct. Total Calls</b>		3439	(1407 were self-initiated calls)			

### Definitions

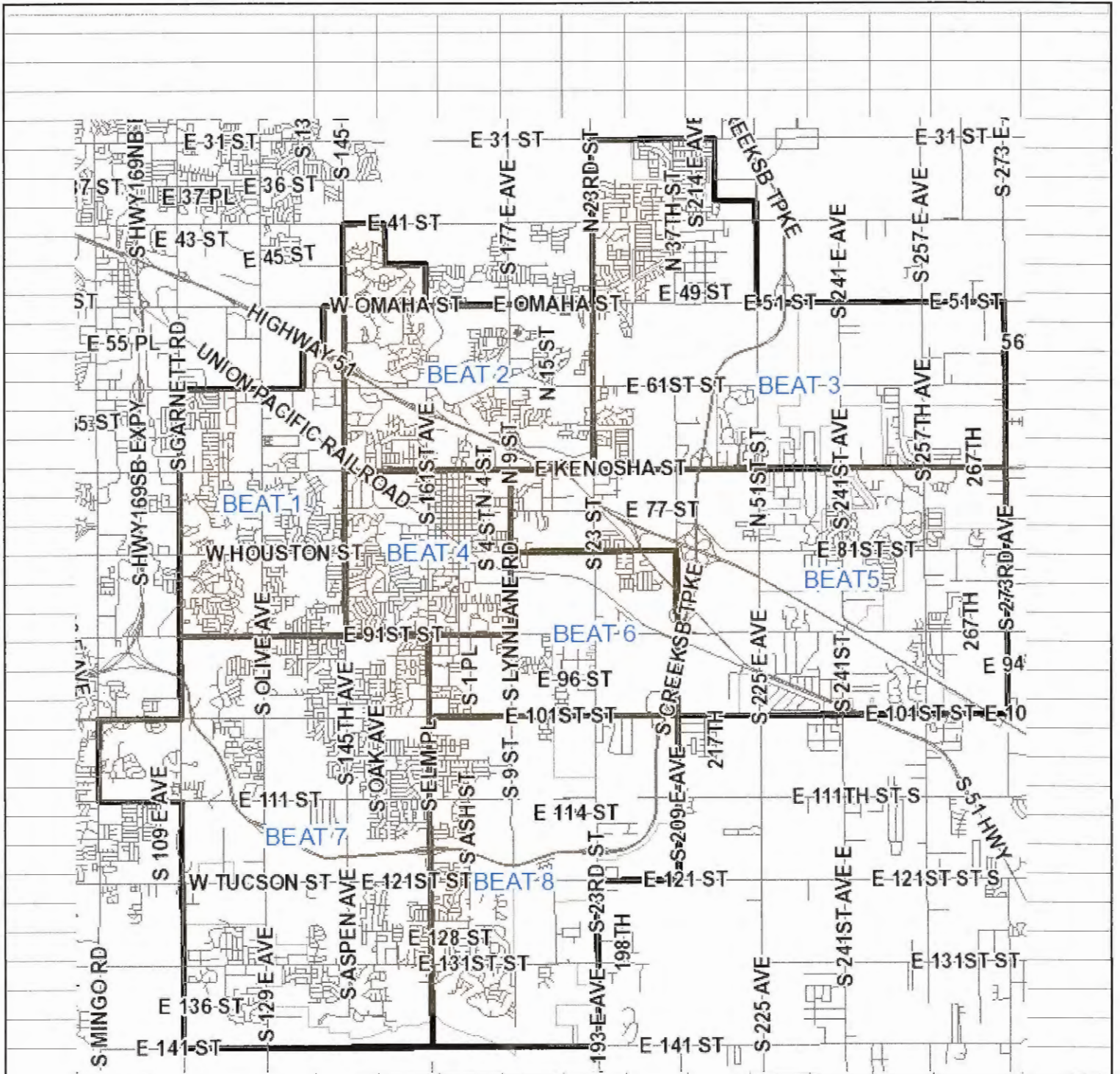
- Priority 1 =** Crimes in progress involving life threatening circumstances and situations that produce or are likely to produce serious bodily injury or death to any person.
  
- Priority 2 =** Crimes in progress or that have just occurred, incidents in progress that present the potential for injury or property damage/loss, situations where the suspect is still at the scene or in the area and will elude apprehension or create the potential for injury or property damage if the police do not arrive rapidly, incidents where an officer is needed to secure a scene or witnesses, and incidents where there is a need for crowd control or traffic control which, if not done immediately, would create the imminent potential for injury or property damage/loss.
  
- Priority 3 =** Crimes against people that are misdemeanors in progress or that have just occurred, reports of recent felony crimes, suspicious circumstances with no threat of injury, and incidents that do not require an officer immediately, but need investigation, mediation, or intervention.
  
- Priority 4 =** Property or service related calls for an officer to respond that cannot be handled by telephone, misdemeanor reports when caller demands officer or when an officer needs to investigate the scene or interview witnesses, and requests for officers that do not require a quick response.

\* There is some overlap in response numbers because all three shifts overlap.

\*Total call and self-initiated call amounts include priority 7 calls.



# Broken Arrow Police Department October 2017 Calls For Service



\* There is some overlap in reponse numbers because all three shifts overlap.

\*Total call and self-initiated call amounts include priority 7 calls.

By: Aleisha Wickersham



## **Red Flag 2017**

Red Flag Annual Report to City Council – The city established an Identity Theft Program in April of 2009 in compliance with Federal Trade Commission directives. This law has been enforced since December 31, 2010. The Red Flag Committee convened on November 3<sup>rd</sup> and reviewed activity for the past year as well as a review of the policy.

Training has been completed, as required, for all relevant employees. We have no knowledge of attempts at identity theft and our Identity Theft Prevention Program is operational.

–Finance Department



## 2. GENERAL CORRESPONDENCE / NOTIFICATION





SCOTT A. THOMPSON  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN  
Governor

November 17, 2017

Michael Spurgeon, City Manager  
City of Broken Arrow  
220 South 1<sup>st</sup> Street  
Broken Arrow, OK 74012

City of Broken Arrow

NOV 20 2017

City Manager's Office

Re: FY 2018 Annual Report  
Regional Metropolitan Utility Authority / Haikey Creek Industrial Pretreatment Program  
OPDES Permit Number OK0034363; State Facility S-20434 / Pretreatment File

Dear Mr. Spurgeon:

The Regional Metropolitan Utility Authority (RMUA) Haikey Creek Industrial Pretreatment Program Annual Report (AR) due October 31, 2017, was received by the Department of Environmental Quality (DEQ) on October 30, 2017. The report has been reviewed and accepted as administratively complete. Technical compliance with all federal and state requirements found at 40 CFR 403.12(i) and Part II.C.4 of your OPDES permit will be addressed as part of your next pretreatment compliance inspection (PCI).

We commend your efforts for thoroughness in compliance monitoring and documentation that was included with the AR. Additionally, the CA is to be commended for outreach and the partnership between the City of Tulsa and the City of Broken Arrow in educating the public about pollution prevention (P2).

Questions or comments may be directed to me as follows:  
E-mail [roshini.nambiar@deq.ok.gov](mailto:roshini.nambiar@deq.ok.gov), Fax 405-702-8101 or Telephone 405-702-8132.

Sincerely,

*Roshini Nambiar*

Roshini Nambiar, Municipal Pretreatment Coordinator  
Municipal Wastewater Enforcement Section  
Water Quality Division

RN/BFC/MBM/md

cc: Rudy Molina, Pretreatment Coordinator, EPA Region 6  
Lauren Wilson, Pretreatment Coordinator, City of Broken Arrow  
Anthony Daniel, Director of Utilities, City of Broken Arrow  
Clayton Edwards, Water Quality Assurance Manager, City of Tulsa  
Debbie Nichols, Regional Manager, ECLS, DEQ



### 3. SPECIAL EVENTS / ACTIVITIES





# Freedom's Voice

The Monthly Newsletter of the  
Military History Center

112 N. Main ST  
Broken Arrow, OK 74012  
<http://www.okmhc.org/>



## **"Promoting Patriotism through the Preservation of Military History"**

Volume 5, Number 11

November 2017

# Veterans Day

## **United States Armed Services Days of Observance**

The most significant Day of Observance in November is Veterans Day on November 11. The other important Day of Observance is the Marine Corps Birthday on November 10.

### **Veterans Day**

Veterans Day, was originally called Armistice Day in recognition of the end of World War I on November 11, 1918. Congress adopted a resolution on June 4, 1926, requesting that President Calvin Coolidge issue annual proclamations calling for the observance of November 11 with appropriate ceremonies. On May 13, 1938, Congress enacted a law, making the 11<sup>th</sup> of November a legal holiday: "a day to be dedicated to the cause of world peace and to be thereafter celebrated and known as 'Armistice Day'".

Representative Ed Rees from Emporia, Kansas, presented a bill in Congress to establish Veterans Day by law. President Eisenhower signed the bill into law on May 26, 1954.

Veterans Day was initially one of the federal holidays covered by the Uniform Monday Holiday Act, which moved several holidays to Monday to create three-day holiday weekends throughout the year. Veterans Day was established as the fourth Monday of October, beginning in 1971. The general public, especially veterans, objected to the change. In 1978, Congress restored Veterans Day to its rightful place on the calendar – November 11. While the legal holiday remains on November 11, if that date falls on a Saturday or Sunday, then organizations that formally observe the holiday will normally be closed on the adjacent Friday or Monday, respectively.



Duty and fidelity at the Tombs of the Unknowns  
3<sup>rd</sup> Infantry "The Old Guard" Regiment,  
every minute of every hour of every day  
Arlington National Cemetery



**"For those who fight for it, life has a flavor the sheltered will never know."**

Theodore Roosevelt

## “Rosie the Riveter”



Marina Metevelis with BG Tom Mancino – October 12, 2017

Born Marina Balafas in Kansas in 1922, she married Don George Metevelis in Tulsa on December 4, 1942. However, before that happened, and while she was still in high school, she got a job with Boeing Company in Wichita, Kansas, building B-17 Flying Fortresses. Marina was trained as a riveter, but instead of riveting, she became a rivet inspector. She determined whether the rivets were good by rubbing her fingers over them. She rubbed so many rivets that she wore the fingerprints off her right index finger and thumb.

After her marriage, Marina quit her job at Boeing and followed her husband from army post to army post, until he was shipped to Northern Ireland in 1944 to train for the invasion of France. After the war, the couple settled in Tulsa. Marina worked as an adjunct instructor at Tulsa Public Schools and later worked at Tulsa Community College.

Marina’s brother, Paul Balafas, 9<sup>th</sup> Regiment, 3<sup>rd</sup> Marine Division, was killed on Iwo Jima on March 2, 1945.



Marina Metevelis will be Grand Marshall of the 2017 Tulsa Christmas Parade

## World War II Combat Infantryman



Don George Metevelis

Don George Metevelis was born in Tulsa on May 20, 1921. He graduated from Central High School at age sixteen. After graduation, he attended a business school until he enlisted in the Army.

By 1944, he was a First Lieutenant in the 2<sup>nd</sup> Infantry Division. The Division landed on Omaha Beach on D-Day+1, June 7, 1944. While losing most of the men in his platoon, 1LT Metevelis received minor land mine shrapnel injuries. A few days latter, he was involved in the battle of St. Georges d’Elle (June 11-16), in which the 2<sup>nd</sup> ID took the town in five days. It was during this battle that he received his second wound, almost losing an arm from a German grenade. Metevelis was eventually sent to an Army hospital at Salt Lake City, where he spent the next two years recovering. Among his decorations are a Bronze Star, two Purple Hearts, World War II Victory Medal and Combat Infantryman’s Badge.

After settling in Tulsa, he went to work for the USPS, where he had a thirty-seven-year career, rising to the position of Assistant Postmaster at the main Tulsa post office.

Don George Metevelis died on March 22, 2003. He is buried in Rose Hill Memorial Cemetery in Tulsa.

### Support the Military History Center

We believe the MHC provides a valuable service to the local community, especially to veterans and students, by “Promoting Patriotism through the Preservation of Military History”. We ask for your financial support to help the MHC continue our ongoing mission of promoting patriotism and recognizing the sacrifices made by our veterans, past and present, to keep America free.

For more information, please contact the Military History Center at (918) 794-2712 to learn how you can be a financial supporter, or click on the link below to go to the MHC website at [www.okmhc.org/donate/](http://www.okmhc.org/donate/).

Monetary donations, as well as gifts in kind, are tax deductible, subject to IRS regulations.



## The Cold War

The Cold War was the confrontation that developed almost immediately after World War II between the Soviet Union on one side and the Western allies on the other. Scholars of the subject consider the Cold War to have begun with the announcement of the Truman Doctrine on March 12, 1947. The Doctrine, prompted by the communist attempt to take over Greece by internal subversion, was a commitment by the United States to oppose, by whatever means, any further Soviet expansion into Europe.

Before the end of World War II, the U.S., Great Britain and the Soviet Union had agreed that Germany would be divided into occupation zones and that Berlin, would also be divided into occupation zones. The problem with the latter agreement was that Berlin was more than a hundred miles inside the Soviet zone with only two land routes and two air corridors giving access to the other three occupying powers. (France had been added as an occupier.)



West Berliners awaiting the arrival of a cargo plane during the Berlin Airlift – 1948

In 1948, the Soviet Union closed the land routes to Berlin in an attempt to force out the western powers. Contrary to Soviet expectations, the Allies mounted a massive airlift to supply the city with food and fuel. After eleven months, the Soviets relented and reopened the land routes. That first major confrontation between East and West ended peacefully, but the tensions continued.



Checkpoint Charlie – the most important and sensitive crossing point in the Berlin Wall, viewed from the American side – 1963

In 1949, the western allies created the North Atlantic Treaty Organization (NATO) as a multi-national military force to defend Western Europe. The Soviet Union countered with its allies, creating the Warsaw Pact. In 1961, the East German government, in an effort to stem the flow of their most productive citizens fleeing to the West, began construction of a wall around the entire portion of the city under Western control. The Berlin Wall became the most prominent symbol of the Cold War.

The Soviet Union and the U.S. pursued an intensive arms build-up, particularly of nuclear weapons. The concept associated with this massive accumulation of nuclear weapons came to be called MAD – mutually assured destruction. The assumption was that neither side would be the first to use nuclear weapons because the other would retaliate in kind, and the result would be mutual destruction. In the meantime, the two sides, armed with massive numbers of nuclear weapons, stood eyeball to eyeball for forty years.



The U.S. military presence in Berlin was the Berlin Bigade, on parade – 1982

The beginning of the end of the Cold War came late in 1989, when the East German government could no longer control the exodus of its people fleeing to the West through other Eastern Bloc countries. The Soviet Union, which was undergoing internal changes, refused to intervene. On November 9, the East German government announced that its citizens could freely travel to the West. The Wall was soon taken down, and in 1991, the Soviet Union imploded. It was over. The unity and determination of the West had prevented a communist takeover of Europe, and without a hot war.



Berliners celebrating along the Wall at the Brandenburg Gate – 1989

## This Month's Featured Exhibit

Tens of millions of Americans served in the armed services during the Cold War (1947-1991), with millions serving in "front line" countries such as Germany and other nations in western Europe, Korea, Japan and other locations.

The top photograph of the Cold War Exhibit displays a uniform worn by an Army sergeant when he served in the Berlin Brigade. The original Soviet Army uniform is that of a colonel. Several Cold War Era items, including a Geiger counter and gas masks, are shown in the display case. The bottom photograph shows a Soviet peace banner printed in Russian and English, "For a world free of nuclear weapons". The banner is overlaid with photos of Berlin taken during the Cold War. The aircraft model shown on the left is a Lockheed SR-71 "Blackbird", a very fast, high altitude reconnaissance, or spy, aircraft introduced in 1966 as successor to the U-2. The SR-71 was retired in 1998. Satellites now perform high-altitude surveillance.



Shoulder sleeve insignia of the Berlin Brigade

## Tulsa Veterans Day Parade

The Military History Center made its first appearance in the Tulsa Veterans Day Parade this year with three entries. Vietnam War veteran and MHC docent, Mitch Reed, was commander of the parade.



MHC Board Secretary, Peter Plank, driving his vintage jeep with Vietnam War veteran and MHC docent, Lynn Burgess, in the front seat. The MHC's model airplane is behind the jeep.



Vietnam War veteran, Earl Laney, driving one of his classic cars with World War II veteran, Oscar "Junior" Nipps in the passenger's seat.



## MHC Birthday

The Military History Museum, as it was originally named, took possession of the 112 N. Main ST facility on Saturday, June 15, 2013. Although the building was nearly empty, the MHM held its annual Flag Day observance in the Flag Plaza on that day, dedicated the flags and hoisted them for the first time. We had refreshments for the guests and a few displays set-up to give them a sense of what the museum would contain. Also, on that day, Bob Powell deeded his large collection of militaria to the MHM, making the museum official. During the following four months, the artifacts were moved into the new location, and volunteers were committed to displaying the collection with appropriate respect and honor.

Four years ago, on Saturday, November 9, 2013, the MHM held a grand open house, attended by about 200 guests. The grand opening was the formal opening of the museum to the public. In the ensuing four years, the public has been very supportive of the museum/center.

Since then, we have changed the name of the museum to Military History Center. In the meantime, the MHC collection of militaria has grown tremendously from Col. Powell's initial sizable collection, as veterans or their families have generously donated their personal artifacts or collections.

Although we have changed our name, our original mission, remains the same: "Promoting Patriotism through the Preservation of Military History".

### Tribute to James S. "Jimmy" Swindler

(November 11, 1930 – October 24, 2017)

"I am forever grateful for Jimmy's gracious hospitality for housing Col. Robert Powell's military collection at his office building near 71<sup>st</sup> and Sheridan. Without a temporary "home" in Jimmy's building, it is doubtful that Bob's collection of military artifacts would have become the treasure it is now in the City of Broken Arrow. Jimmy rescued Bob when he was asked to remove his collection from Memorial High School. A new home made it possible for the artifact collection to grow until talks began with the City of Broken Arrow. So, allow me to express for Col. Powell, now deceased, a word of thanks: 'Thank you, Jimmy for your generous heart, love of country – and patience'.

Romney Nesbitt, friend of Col. Powell and long-time volunteer with the former Military History Museum (now the Military History Center, 112 N. Main ST, Broken Arrow, OK)".

Ed. Ms. Nesbitt posted this tribute on Moore Funeral Home's online obituary page. All members of the MHC family share her sentiments.



## The MHC Might Not Have Been, but for ...

COL Ray Bachlor (U.S. Army, Ret.), a past Vice-President of the Military History Museum, wrote the following to a friend in April regarding our article on the facility that is home to the MHC.

"I thought you might be interested in this monthly newsletter from our local Military History Center. The City of Broken Arrow, a Tulsa bedroom community, spent \$150,000 to renovate and donate an abandoned hospital for the museum.

It began when a new Tulsa HS was given the name of 'Memorial' in honor of those who served—and died—in WWII. Soon people began donating war memorabilia to the school. In 2007, Oklahoma celebrated our Centennial as a state, and I was asked to speak about our beginning in space at the Tulsa Air and Space Museum Planetarium. Afterward in the foyer, I spotted someone wearing a WWII cap with glider wings and, being a former paratrooper and gliderman, I struck up a conversation with retired AF Colonel Bob Powell who was a former glider pilot in the "Market Garden" operation.

Bob had been a volunteer docent, teacher and caretaker for the military artifacts at Memorial High School, and a new principal had come in and said she wanted that "junk" off the premises by the end of the month, or it was going into the trash. Bob felt that all of the donors were being betrayed, but he did not know what to do. I immediately wrote a letter to the editor of the Tulsa *World* newspaper, and they sent a photographer out and took pictures and published a story.

A retired geologist had a building not being used, and upon seeing the article in the paper, he offered the use of his building. I had a big pickup, so I enlisted the help of my son, Dave, and two "little brothers", Marco Boyd and Tyler Moore, (I belonged to the Big Brothers and Big Sisters of America.) to move to the new location. Bob's brother also had a small pickup and helped move. I built showcases—with daughter Peggy's help—and we soon had a public museum that, with the new venue and space, continued to grow. As we outgrew the building, we sought larger quarters and were turned down by the county for a large abandoned National Guard building in the city and by the town of Sand Springs for another large building. When Broken Arrow offered, the museum moved east and Dottie and I moved west to a retirement center, so I resigned my position as VP of the museum.

It was at the five-year celebration of the Broken Arrow location that I met Helen Patton, grand-daughter of General George Patton, and we had a good conversation.

It is now a fine little museum and history center with memorabilia representing all of our country's wars from the Revolutionary War forward, and I am sure it would be valued at several million dollars.

Isn't it strange how some things often hang by a thread during their formative years? I happened to meet Bob at a critical time; the Tulsa *World* newspaper pitched in with a story; a retired geologist, Mr. Swindler, donated the use of his building; and the City of Broken Arrow stepped up and renovated an unused, eyesore building."

## Origin of “Doughboy”

The origin of the name “doughboy” as applied to American soldiers (and marines) who served in World War I is not entirely certain. The most commonly accepted origin is from the Mexican War of 1846-48. It is believed to have been a term of ridicule, applied by cavalymen, artillerists and others who rode, to infantrymen who walked wherever they went. The infantry made long treks over dusty terrain, giving them the appearance of being covered in flour, or dough. A variation of this account goes that men were coated in the dust of adobe soil and as a result were called “adobes,” which morphed into “dobies” and, eventually, “doughboys.”

If the Mexican War is the origin of doughboy, it didn’t stick, as there is no evidence whatever that U.S. infantrymen were called doughboys during the Civil War or any other time until World War I. A better timeline, for the origin of the name, may be the 1916 Punitive Expedition to northern Mexico to capture Pancho Villa. The regular infantry and national guardsmen who served in Mexico in 1916-17 operated in the same area of northern Mexico as the soldiers of 1846, so they would have experienced the effects of the same adobe soil. Two months after the expedition ended, the United States was at war with Germany. It’s logical that such a name recently acquired in Mexico, would carry forward into World War I. The name, doughboy, did not survive long after the end of the war. During World War II, soldiers were GIs or GI Joes.

Whatever and whenever may be the origin of doughboy, during World War I, it was definitely not a term of ridicule or negativity. Rather, doughboy was a term of pride and respect used for, and by, all soldiers and marines. Americans loved their doughboys.



Studio photo of an American doughboy

## A Doughboy of the Great War



John Logan Ferguson wearing the shoulder sleeve insignia of Second Army – Coblenz, Germany – January 1919

John Logan Ferguson was born March 30, 1893, at Holyoke, Massachusetts. At some point in his early life, he moved to Spokane, Washington, where he was living when he registered for the World War I draft on May 23, 1917. Ferguson was a geologist by profession, so the Army assigned him to a topographical unit, the 29<sup>th</sup> Engineer Regiment, “The Wayfinders”, attached to Second Army in France. Because of his organizational skills and probably education, Ferguson was soon promoted to company First Sergeant.

“The Regiment performed survey and map reproduction throughout the European Theatre during the First World War. The headquarters and base plant were located in Langres, France, while mobile units were sent to various sectors of the American front. Additionally, the Regiment took an active part in the defense of the Toul sector and in the Meuse-Argonne Offensive. The regiment was personally cited by General Pershing”. ([globalsecurity.org](http://globalsecurity.org))

By 1930, Ferguson and his wife and family were living in Tulsa. He died in Tulsa in July 1973. We could find no record of his burial site anywhere in the United States, suggesting his body may have been cremated.

We are grateful to Mr. Dustin Meyer of Tulsa, who donated several of First Sergeant Ferguson’s World War I personal possessions to the MHC. Among them is a large scrapbook with numerous documents and photographs taken in France and Germany during and immediately after the war.



Ernest Edwin Evans was born at Pawnee, Oklahoma, on August 13, 1908. At some point, his family moved to Muskogee, where he graduated from Muskogee Central High School. He entered the Navy as an enlisted man on May 29, 1926. The following year he received an appointment to the U.S. Naval Academy. Upon graduation from the Naval Academy, Evans began his naval career at sea aboard the battleship, USS *Colorado*, which was part of the U.S. Battle Fleet in the Pacific, based at San Diego, California.

By 1937, Evans was transferred to the transport ship, USS *Chaumont*, in the Far East, where he saw service in the waters around China and the Philippines. Before the war, he continued to serve in the same waters on the destroyer tender, USS *Black Hawk*. By the start of the World War II, Evans was serving as Executive Officer aboard the destroyer, USS *Alden*, in the Far East. Before war broke out *Alden* was on her way to Batavia, Java (Indonesia) for supplies and liberty. On December 8, 1941, *Alden* was quickly diverted to Singapore, where she was to join Admiral Phillips' Royal Navy force formed around HMS *Repulse* and HMS *Prince of Wales* (Force Z). *Alden* arrived in Singapore on the morning of the 11<sup>th</sup>, two days after the British force had departed. After Force Z was sunk by Japanese aircraft on the 10<sup>th</sup>, *Alden* swept the area later that day searching for survivors. *Alden* returned to Singapore before sailing for a Dutch port in Surabaya, Java.

After meeting USS *Houston* and her escorts off Java, the group sailed to Darwin, Australia, arriving on December 28<sup>th</sup>. *Alden* was then reassigned to Destroyer Division 58 and spent the next several weeks escorting troop and supply convoys in support of efforts to defend the Malay Barrier. During this period on January 20-21, 1942, Evans earned a Legion of Merit, when his destroyer and Australian warships made at least four depth charge attacks against a Japanese submarine, later determined to be the mine-layer I-124. On February 3, 1942, *Alden* sailed from Darwin with a convoy bound for Java. In preparations to repulse a Japanese attack near Java, *Alden* was assigned to the American-British-Dutch-Australian (ABDA) forces, where she was heavily engaged with Japanese warships on February 27, 1942, in the Battle of the Java Sea.

On March 14, 1942, Evans assumed command of *Alden*. Reporting to Commander, Australia-New Zealand area. He operated in the waters of the Southwest Pacific until sailing for Pearl Harbor. Following an overhaul at the Mare Island Navy Yard, California, *Alden* commenced convoy escort duty between San Francisco and Hawaii, on August 11, 1942. Over the

next eight months, Evans carried out routine escort duty aboard *Alden* in the Pacific Theater until she departed Mare Island on April 9, 1943, for the Caribbean. *Alden* spent the next two months shuttling convoys between Trinidad and Guantanamo Bay, Cuba, before she proceeded north to the New York Navy Yard, which she entered on June 28, 1943, for repairs and alterations.

In July 1943, Evans was named the Prospective Commanding Officer of the new Fletcher Class destroyer, USS *Johnston*, which was built, launched and commissioned at Seattle-Tacoma Shipbuilding Company in Seattle, Washington. Under Evans' command, the crew saw their first combat during the Marshall Islands Campaign, when *Johnston* bombarded the beaches of Kwajalein on February 1, 1944. In March, the ship moved on to the Solomon Islands for more of the same. On May 15, 1944, while performing anti-submarine patrols off Bougainville, Evans attacked, depth-charged and sank the Japanese submarine I-16. Evans was awarded the Bronze Star for meritorious achievement in this action. On July 21, 1944, *Johnston* supported the battleship, USS *Pennsylvania*, during her bombardment of Guam. By July 29, *Johnston* had hurled more than 4,000 5-inch shells at the beaches.



Commissioning ceremony of USS *Johnston*, Seattle, Washington – October 27, 1943 – Lieutenant Commander Evans is at left center speaking to the crew: "This is going to be a fighting ship. I intend to go into harm's way, and anyone who doesn't want to go along had better get off right now. (None did.) Now that I have a fighting ship, I will never retreat from an enemy force."

By September 1944, *Johnston* was assigned to Task Unit 32.7.2 of the Western Escort Carrier Task Group 32.7, screening the escort carriers *Saginaw Bay*, *Kalinin Bay*, and *Petrof Bay* for the invasion of the Palau Islands.

During the Battle of Leyte Gulf, Evans, now a Commander, and *Johnston* were assigned to Task Unit 77.4.3 also known as Taffy III with two other destroyers, four destroyer escorts and six escort carriers. At the battle off Samar, on October 25, 1944, they fought the vastly superior Imperial Japanese Navy Center Force, consisting of four battleships, including *Yamata*, the largest battleship afloat, six heavy cruisers, two light cruisers and eleven destroyers.

Shortly after 0700, when the Japanese first fired on the American Task Unit, Evans gave the order for *Johnston* to create funnel smoke, and then he turned his ship towards the swiftly advancing Japanese heavy cruiser line. Scoring several 5-inch gun hits on the lead cruiser. He fired all ten of *Johnston's* torpedoes and was credited with at least one hit on the first cruiser in line, the heavy cruiser, *Kumano*, effectively putting her out of action. At about 0730, *Johnston* was hit by three 14-inch battleship shells that destroyed her bridge. Seriously wounded, Evans moved to the fantail of the ship, where he gave orders, through an open hatch, to the seamen manually operating the rudder. By 0750, with her speed reduced by the damage and all her torpedoes expended, *Johnston* continued to support other ships in the Task Unit with gunfire during their torpedo attacks.



Unidentified destroyers and destroyer escorts laying a smoke screen off Samar as Japanese shells splash nearby

As the escort carriers fled southward, the escort carrier, *Gambier Bay*, became incapacitated by naval gunfire. Around 0830, upon sighting the helpless ship, Evans gave the order for *Johnston* to fire upon the Japanese warships to draw their fire away from *Gambier Bay*. Shortly after 0900, Evans placed *Johnston* between a Japanese destroyer squadron and the escort carriers. Not long after this last engagement, *Johnston* became the focal point of heavy Japanese gunfire and was finally put out of action.



USS *Gambier Bay* under attack – she later sank

At 0945, Evans ordered his crew to abandon ship. The Japanese continued firing on the helpless destroyer until she slipped below the surface. CDR Evans was last seen on *Johnston* checking for any remaining wounded. He was likely killed by the shell fire. As *Johnston* slipped under the sea, a Japanese destroyer pulled alongside. The survivors in the water were apprehensive of Japanese intentions. But, as the destroyer drew within fifty feet of them, they saw smartly uniformed Japanese sailors standing at attention along the port rail and an officer on the bridge wing saluting his honored enemy. After two and a half hours of ferocious combat, the Japanese fleet commander withdrew from the battle, partly because of increased air attacks. He had no air cover.

Commander Evans was originally awarded a Navy Cross for his action at Samar, but it was recalled and replaced with the Medal of Honor for his material contribution to the decisive victory won in Leyte Gulf. He also shared in the Presidential Unit Citation awarded his Task Unit for the action in which he gave his life. President Truman presented Evans' Medal to his wife and sons, on November 24, 1945. Commander Evans' name is inscribed on a tablet in the Courts of the Missing at the Memorial in Manila American Cemetery, Philippines.



Commander Evans' wife, Margaret Bell Evans, wearing his Medal of Honor, with their two sons, reading Commander Evans' Medal of Honor Citation, signed by President Truman.

### Museum Hours and Admission Fee

Tuesday – Friday: 10:00 – 4:00; Saturday: 10:00 – 2:00  
Closed Sunday and Monday and major Federal holidays

Adults – \$5.00

Members and Children under 18 – Free

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# United States Marine Corps



Derna, Tripoli (now Libya) – “the shores of Tripoli” – 1805



Chapultepec Castle, Mexico City – “the halls of Montezuma” – 1847



Meuse-Argonne, France – 1918

On November 10, the United States Marine Corps celebrated its 242<sup>nd</sup> birthday. During those 242 years, the Corps was called upon to go into the face of danger on numerous occasions. They always got the job done – the few, the proud.



Temporary Marine cemetery – Iwo Jima – 1945



Chosin Reservoir, Korea – 1950



Hill 881N, Khe Sanh, South Vietnam – 1967



Fallujah, Iraq – 2006

# *“Lest We Forget”*



**Rhone American Cemetery and Memorial – Draguignan, France**

The site of Rhone American Cemetery and Memorial was selected because of its historic location along the route of the U.S. Seventh Army's drive up the Rhone Valley. It was established on August 19, 1944, after Seventh Army's surprise landing in southern France. On 12.5 acres at the foot of a hill planted with the characteristic cypresses, olive trees and oleanders of southern France, rest 860 American military dead, most of whom lost their lives in the liberation of southern France in August 1944. Mostly, they are from the 3<sup>rd</sup>, 36<sup>th</sup> and 45<sup>th</sup> Infantry divisions of Seventh Army. 294 names of the missing are inscribed on the retaining wall of the terrace. Rosettes mark the names of those since recovered and identified.

*Freedom is not free.*



**Happy Thanksgiving!**

We are thankful for all our loyal friends and supporters, without whose generosity, the Military History Center could not exist.

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