

AGENDA
CITY OF CENTRALIA, MISSOURI
Board of Aldermen
Public Works and Public Utilities Committee
Monday, November 6, 2017
7:00 P. M.
City Hall Council Chambers

- I. ATTENDANCE
- II. PLEDGE OF ALLEGIANCE
- III. COMMENTS FROM CITIZENS
- IV. PUBLIC WORKS
 - A. Activity Report
 - B. Streets
 - 1. MODOT Meeting on MO HWY 22/124/151
 - C. Sanitation
 - 1. Brush pile grinding bid (Motion)
 - D. Storm sewer
 - E. Other
- V. WATER AND SEWER DEPARTMENT
 - A. Activity Report
 - B. Water
 - 1. Water main break update – Boil Orders/Advisories
 - 2. Declaring Truck #6 surplus property
 - C. Sewer
 - 1. NPDES Permit Renewal progress
 - D. Other
- VI. ELECTRIC DEPARTMENT
 - A. Activity Report
 - B. Generation
 - C. Distribution
 - D. Other
- VII. OTHER
 - A. Comprehensive Plan Update
 - B. City Web site and technology updates
 - C. Budget Retreat
- VIII. AS MAY ARISE
- IX. ADJOURN

***STREET and SANITATION DEPARTMENT
Monthly Activity Report for October 2017***

1. Picked up and bailed cardboard recycling from businesses 3 days a week
2. Did 57 locates this month
3. Spent 1-day painting handicap parking spots downtown
4. Spent several days working on cutting ditches, shooting grade, installing 10 driveway culverts (9-26ft of 10in, and 1-40ft of 10in plastic culverts), and hauling and spreading 20 loads of millings on Campbell st
5. Checked and filled in suck holes, 1 on Tidball, and 1 on Jenkins
6. Spent a couple days piling and stirring compost and cleaning out some trash in it
7. Did maintenance, replaced chute, and changed curb broom on the street sweeper
8. Cleaned up the shop
9. Checked and worked on drainage around town
10. Cleaned up equipment
11. Took #77 to Meyers Truck Service for service and maintenance
12. Met with Matt and driver for Dayne's about citizen issue
13. Delivered barricades for the Homecoming parade and then picked up later
14. Repaired wooden box that is used for the plastic recycling
15. Put up 2 P&Z signs at 425 N. Collier
16. Met with Hansen's Tree Service and got a quote to grind the brush pit
17. Met with Capital Paving and looked at a couple water holes on Briarwood
18. Put up new stop signs and street name signs at Jason/Lois, and at Lois/Country land
19. Added rock and smoothed up several alleys and shoulders
20. Piled grass and brush at drop off site several times
21. Hauled 80 barricades and 2 temporary stop signs to the city square for the BBQ contest, and hauled back after it was over
22. Dug out and set 30ft of 12in plastic culvert on Southgate for new house Darren Adams is building
23. Hauled off debris pile at the street barn out to the old landfill area
24. Bladed and smoothed up cemetery roads
25. Hauled and spread 1 load of rock and bladed Randolph rd.
26. Hauled and spread 8 loads of rock and bladed Ivy Lane
27. Drove #10 on the highway to clean out the exhaust filter
28. Cut off and lowered 2 storm sewer inlets on Howard Burton
29. Saw cut and dug out and poured concrete to repair 7 street cuts, 1 on Howard Burton, 1 on Jenkins, 2 on Rodemyre, 1 on Allen, 1 on Walnut, and 1 on Orchard
30. Watched safety video on lockout/tagout at the street dept.
31. Dug out and installed culvert by MFA where the sidewalk meets the driveway

32. Aaron spent a couple days studying for CDL test and went and took and passed his CDL test
33. Pushed brush pit at the landfill with the dozer
34. Mowed street ditches
35. Cleaned ditch and culvert at Reed/Bruton
36. Rented tractor from Rodgers Rentals and worked on alleys
37. Cleaned up trash that was scattered all over the alley behind old Pawn shop downtown per Matt
38. Dug out and set 10ft of 12in metal culvert at 411 s. Orchard
39. Helped the water dept. repair water leak
40. Swept streets around town
41. Worked on mower tractor (antifreeze leak and broken bracket)
42. Spread millings pile at the landfill area and hauled some to overland flow area for water dept.
43. Spent 1 day and hauled off 21 loads of debris from pile at landfill area out to farmers
44. Went and got a load of cold mix and spent day patching potholes
45. Picked up recycling at the schools, city hall, and the Guard office
46. Hauled 2 loads of plastic and 2 loads of recycling to City of Columbia recycling facility
47. Loaded 2 scrap dumpsters from Central Metals with old appliances and culverts and got hauled off
48. Spent several days hauling off brush and grass from drop off site out to the old landfill area



104 Hansen Court
O'Fallon, MO 63366
Phone: 636-379-1830 Fax: 636-379-1866
www.hansenstree.com

October 19, 2017

City of Centralia
114 South Rollins
Centralia, MO 65240
573-682-2137 office
573-682-5956 fax

Attn: Phil Hoffmann
publicworks@centraliamo.org

Hereby authorize Hansen's Tree Service, Inc., to provide services at:

Job Location: Brush Grinding at the City Site

According to the following terms, for the following fees:

1. Hansen's to provide a Horizontal Grinder and an Excavator with a Grapple to grind up a large brush pile through smaller screens to provide a finished mulch product the City can use. All grindings will be left on site.

Total: \$16,750.00

2. Hansen's to grind and regrind a large brush pile to produce a smaller finished product to be used by the City.

Total: \$21,500.00

*The City of Centralia is responsible for access to the site and for support to the grinding process. The City of Centralia will also be responsible for the additional cost of repairing Hansen's equipment if damages occur from hitting foreign debris (steel, concrete, rebar, etc.) that is mixed in with the materials that are to be ground.

**Hansen's is not responsible for the grinding, hauling, or disposal of any garf piles created if the city pushes dirt into the piles with the materials that are to be ground.

Payment is due upon completion.

Submitted by:

Ken Byrne
Certified Arborist
MW4461A

Customer _____ Date _____

** Above agreement must be signed & returned prior to scheduling work**

According to the following terms and for the following fees and do hereby agree to payment in full upon completion, should customer fail to make full payment by date set forth, he or she shall be responsible for the cost of collection including the cost of attorney's fees. Any dispute shall be resolved in the State of Missouri, County of St. Charles.

ACTIVITY REPORT WATER DEPARTMENT

October 2017

- Replaced fire hydrant at Bruton / Adams
- Fixed leak at cemetery on Chance Foundation 2" meter
- Fixed leak at 218 Reed on water main service tap
- Repaired leak on water main 301 Gano Chance
- Replaced leaking 4" water valve at Wright Ct. / S. Central
- Grabbed samples on upstream and downstream of leak on Wright Ct. for boil order- samples tested good
- DNR inspection on Water Plant
- Replaced motor on secondary clarifier for scraper and gearbox
- Ran hydrant flow test at four separate areas for fire information ratings
- Replaced meter service at 910 Westwind
- Put primary clarifier back in operation after bearing repairs
- Complete teardown of slaker at Water Plant for cleaning
- Put new starter on #74 backhoe
- Made two water service taps at 522 Southgate for D. Adams
- Replaced valve lid hit while paving on Campbell street
- Assisted Visi-Sewer with manhole and sewer main camera work for main lining
- Winterized all pump houses and well/tower pits
- Cleaned all excess lime from blowdown room
- Replaced meter service at 419 N Hickman
- Put grass seed and black dirt around three excavation sites
- Set up hydrants in square for Bar-B-Que Contest
- Met with Derin Campbell on Lois Drive and discussed street crossings for water main installation
- Replaced meter jar lid at 701 E. Switzler – broke
- Call in to shut off water at 107 W. Lakeview
- Checked water complaint at 530 S. Collier – odor, none detected, sampled tested fine
- Ran sewer camera in sewer main at Fairway to find sewer taps for two new houses
- Met with 311 S. Rollins on filling in hole from leak repairs and timeline
- Met with Art Dollens on sewer suck hole in alley behind his house- will dye test and camera to find responsibility o fixing
- Cleaned culverts at low water crossing at overland flow field
- Hauled 72 loads of lime to farmers fields
- Read all utility meters for billing
- 14 disconnects for nonpayment

From: Matt Harline, City Administrator
To: Board of Aldermen – PW & PU Committee
Cc: City Clerk & City Attorney
Date : November 6, 2017
Re: Item V-B-1 Water Boil Orders and Advisories & Sewer Facilities



Item V-B-1 Water Boil Orders and Advisories & Sewer Facilities.

Recently the City (October 26th) had a valve fail and cause a leak on South Central Street at the intersection with Wright Court. The water crew with assistance from others repaired the leak, elevating the affected part out of any contaminated water and all they disinfected all pipe, fittings and the valve before installation. They proceeded to flush the area with copious amounts of clean potable water. Moreover, city staff took water samples from the faucet later that day and took the samples to a lab in Mexico the next day and the results were clean.

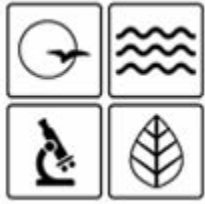
During the water leak, working valves were closed to isolate the area affected which meant that water service in that area was interrupted. The water in the lines quickly fell below the limit to maintain pressure against inflow from stagnant water – if it had access to the system.

State regulations require/strongly recommend that municipal water districts/systems should issue a Boil Water Advisory (see the cut and pasted flyer information from DNR below) whenever the water pressure drops below 20 psi. In a very technical sense only the EPA and DNR are supposed to issue Boil Water Orders, which indicate there is a known contamination, and the public must be notified and the water must be boiled until the order is lifted. HOWEVER, it is standard practice, and DNR has no objection to the City or other municipalities issuing a statement announcing a Boil Water Order.

A “boil water order” was issued by the City the evening of the water leak until 6:00 p.m. on Friday, October 27th. Notification went out by Facebook (indirectly through the Fireside Guard because I did not find the password, over television, and I believe KRES carried it as well. It was not out in the public until after 7 pm, and not on TV (at least KOMU & KMIZ) until 10:00 p.m. In addition many people outside of the affected area called in or a posted via Facebook that they were worried that they were affected.

Audrain Water District #2 uses a system to targeted automated phone calling system that we are looking into. Staff would like to see if there is good technology fix and if something is found, bring it back to the Board of Alderman either for purchase this year or to be included in the 2018-19 FY Budget.

Staff recommendation: The City staff will pursue options, unless the Committee recommends not to do so, for automated and targeted communication solutions to contact residents affected by water leaks. The staff will also send out public notices to encourage citizens to keep the City informed of changes to their contact information.



Boil Water Orders and Boil Water Advisories

Water Protection Program fact sheet

08/2014

Division of Environmental Quality Director: Ed Galbraith

PUB2001

What is a boil water order?

A boil water order is issued by the Missouri Department of Natural Resources to public water systems when a threat to the public health exists, or is likely to exist, that boiling the water will remedy. The public water system is then required to notify consumers as soon as possible, and by the most effective methods, that need to boil their drinking water.

What is a boil water advisory?

A public water system may issue a boil water advisory when there is concern that a problem with drinking water may exist, but it has not yet been confirmed. These are most commonly issued for major water main breaks or other low-pressure events where the possibility of contamination intrusion exists. They may also be issued while waiting for results of confirmation samples collected for bacteriological analysis, which can take up to two days plus the time required to transport samples to the laboratory.

What precautions should I take if under a boil water order or advisory?

The following steps need to be taken:

1. Boil water vigorously for three minutes prior to use. Use only water that has been boiled for drinking, diluting fruit juices, all other food preparation and brushing teeth.
2. Dispose of ice cubes and do not use ice from a household automatic ice maker. Remake ice cubes with water that has been boiled.
3. Disinfect dishes and other food contact surfaces by immersion for at least one minute in clean tap water that contains one teaspoon of unscented household bleach per gallon of water.

Note: Let water cool sufficiently before drinking (approximately 110 degrees F).

Do I need to boil bath water?

Water used for bathing does not generally need to be boiled. Supervision of children is necessary while bathing or using backyard pools so water is not ingested. Persons with cuts or severe rashes may wish to consult their physicians.

What are the causes of boil water orders?

The presence of fecal coliform or E. coli bacteria is a common cause for issuing a boil water order. Other instances include low water pressure and inadequate levels of chlorine at systems that require chlorination. High turbidity levels, cross connections, inadequate treatment techniques and the presence of other microbial pathogens such as Giardia or Cryptosporidium are potential causes for boil water orders that occur less frequently.

What are the symptoms of water-borne illness?

Disease symptoms may include diarrhea, cramps, nausea and possible jaundice and associated headaches and fatigue. These symptoms, however, are not just associated with disease-causing organisms in drinking water; they also may be caused by a number of factors other than your drinking water.

Are some groups of people more seriously affected?

Persons with reduced immune function, infants under six months in age, and the elderly are more seriously impacted by water-borne disease. Immune function may be reduced due to chemotherapy for treatment, organ transplants or diseases such as HIV/AIDS. Persons in these groups need to contact their personal physicians for additional information.

Should I buy bottled water just to be on the safe side?

Buying bottled water may be a feasible alternative to boiling drinking water when under a boil water order. Bottled water operations are routinely inspected, and samples are analyzed by state health agencies. This offers a safe source of water for drinking, cooking and brushing teeth.

Where can I get more information?

To learn more about your drinking water, contact the department at 800-361-4827 or the EPA's Safe Drinking Water hotline at 800-426-4791 if you are served by a public water system. If you get your drinking water from a private well, contact the Missouri Department of Health and Senior Services at 800-392-0272.

Nothing in this document may be used to implement any enforcement action or levy any penalty unless promulgated by rule under chapter 536 or authorized by statute.

For more information

Missouri Department of Natural Resources

Water Protection Program - Public Drinking Water Branch

P.O. Box 176

Jefferson City, MO 65102-0176

800-361-4827 or 573-751-5331

573-526-1146 fax

<http://dnr.mo.gov/env/wpp/>

From: Matt Harline, City Administrator
To: Board of Aldermen – PW & PU Committee
Cc: City Clerk & City Attorney
Date: November 6, 2017
Re: Item V-C-1 NPDES Permit renewal update



Item V-C-1. Renewal of the National Pollutant Discharge Elimination System (NPDES) Permit for Centralia.

The City received a revised version of the Preliminary Renewal of our National Pollutant Discharge Elimination System (NPDES). The last permit expired in 2013 and the City has been working with the Missouri Department of Natural Resources (DNR) staff on the renewal in bits and pieces ever since the last permit expired. The permit document including illustrations and appendices is 36 pages long and covers all the elements of the City's waste water treatment operation. The City has until November 14th to make comment on "non-substantive drafting errors and any other technical comments, prior to having the Draft Permit sent out for Public Notice and comment.

The new draft has been updated to include the remapped blue lines that allow the City to continue our Public-Private Partnership with the three farm families without any major modifications. This symbiotic arrangement has kept the sewer bills low for Centralia residents for decades, while protecting the natural environment. The permit allows the City four years to achieve the enhanced requirements for *E. coli* levels and ammonia levels in the effluent. These improvements to the system will require investments by the City and therefore higher sewer bills.

In the next week or so we expect the final agreement to be brought forward by DNR on the SCEAP grant and those funds will cover the expenses of engineering and drafting the plan on which we will base our bond issue.

Mike Forsee, Gary Davis of Bartlett and West and I are reviewing this draft to make comments in time for the November 14th deadline. We are still on schedule to place a ballot issue before the voters in April.

***Electric Department Activity Report
October Activity 2017***

- Cards – 38
- Locates – 54
- Disconnects – 13
- Rereads – 25 Street light repair at 759 West Tidball, Highway 22 (Vet Clinic), Norfolk Southern Railroad and Jefferson Street, 815 North Hickman, Wigham and North Jefferson Street, Street Barn location, Highway 22 and North Allen, 500 block of South Collier, Ann Street and Richey, Lakeview at Porter Street and in the alley behind Prenger's Xtreme Mart.
- Trimmed trees at these locations alley between Rollins and Allen, Hickman and South Barr, Dexter Sub division, alley between 400 block of Collier and Rollins, 308 West Singleton, Parkview Church, 916 East Head Street, Lakeview from Columbia to South Adams Street, Alco Street from Allen Street to South Central Street, alley 500 block of Walnut Street to Maple Street. Dropped service drop for tree trimmers and reconnected at 779 Doty Street, trimmed tree line along 11570 West Rodney Griffin. Repaired meter pack 901 South Jefferson.
- Installed new services at 713 South Allen, 804 Jason Court, 307 Wright Court, 607 Jason Court and 818 West Tidball Street. Installed temporary electric at 522 West Southgate, 725 South Central, 305 and 315 Heidi Lane.
- Installed new pole in easement behind 1009 Wesley Street and transferred equipment.
- We had one outage in Head Street and Walnut Street area.
- We are finished with Reed Street project and waiting on phone and cable to remove their equipment so we can remove the poles.