



City of Sedalia

Moving Forward

*Public
Newsletter*

**November
2015**

**November 2015
Meetings**

- **November 2**
City Council Meeting
- **November 5**
Park Board Meeting
- **November 9**
Public Library Board Meeting
- **November 10**
Citizens Traffic Advisory Meeting
- **November 11**
Veterans Day
City Offices Closed
- **November 16**
City Council Meeting
- **November 18**
Board of Public Works Meeting
- **November 19**
Citizens for Smart Growth Meeting
- **November 19**
CBCD Meeting
- **November 23**
Special Council Meeting
- **November 24**
Bothwell Regional Health Center Board Meeting
- **November 26-27**
Thanksgiving Holiday
City Offices Closed

Inside this issue:

WPC	1
SPD Offers Women's Self Defense Course	3
New Leaf Pickup	3
Christmas Light Contest	3
Pet of the Month	4
Veterans Day Holiday	4
Thanksgiving Holiday	4
Christmas Parade	4
Playin' in the Park	4

The Many Faces of WPC (Water Pollution Control)

As mentioned in a recent electrical service commercial, everyone assumes when you flip on a light switch, light will automatically flood the room. This assumption is very much the same when talking about the services the City of Sedalia WPC Department provides. In fact, if you stop by one of the different city sites maintained by WPC, you will most likely be met with cautious optimism, "Hi, how are you doing – is everything ok?"

Everything is more than ok- our WPC staff does an awesome job keeping the treatment plants, the sewer's infrastructure and the compost site running smoothly. The first thing one will notice is how clean the grounds and the buildings are at each of the WPC sites. By maintaining such a high degree of cleanliness, the staff maintains proper safety conditions, plus they're able to immediately notice if there are any problems.

North Treatment Plant



David Reine is our Wastewater Plant Operator I for the North Sewer Plant at 23985 Georgetown Road. This plant is located in the vicinity of where the first treatment plant was established in the late 1800s. The plant we now use processes 2.5 million gallons of wastewater a day.



The process of converting wastewater into water clean enough to be released back into the environment while meeting state and federal requirements plus also finding a way to utilize the remaining solids in the most beneficial way for our citizens is really interesting, especially when one considers how much technology and requirements have changed over the last 155 years of Sedalia's existence.



At the north plant, the wastewater arrives from the south into the facility. The picture above shows the new lines installed for the north plant. This construction is part of the \$30 million project required by the consent order.

Once the wastewater enters the facility, it is directed to a trickling filter (pictured below).



The water runs across plastic media that provide sufficient surface area to encourage growth of a biological slime called zoogloea. This zoogloea is a complex population of organisms that "consume" the organics. The "filtered" water and sloughed material is collected at the bottom where it is either recirculated or sent to the final clarifier where solids rise or fall depending on their specific gravity and are collected to return to the process and clear water is discharged.

The solid material travels into the operations building where a filter press is used to remove excess water; the product from the filter press is called a cake. Once it's been prepared, the cake is transported to the City's compost facility to be mixed with natural material – the first step in creating nutrient rich compost.

Central Treatment Plant

The Central Treatment Plant is located at 2900 W. Main Street. The treatment process is a little different here, but still our most important asset at every facility is our staff.



Pictured above left to right: Charles Eppes, Equipment Operator and Joseph (Doug) Knight, Plant Maintenance Mechanic.



Pictured above left to right: Donald Thomas, Wastewater Plant Operator II and Eric Fleischman, Equipment Operator.



The Central Treatment Plant differs from the North Treatment Plant by the way it treats the material when it first enters the plant. While the North Plant uses the trickling filter, the Central Plant and the Southeast Plant both use a process called activated sludge. The Central Plant processes approximately 2.5 million gallons of wastewater a day. The wastewater first enters a grit chamber that adds air to the product, then the material flows into two primary clarifiers.



The now air-filled material is sent to the bio-basin and attracts little bugs; they, in turn help break down the solids, helping the heavier material settle to the bottom of the clarifiers.

The "mixed liquor" is then transferred to two secondary clarifiers where gravity helps separate the material even more. Once this stage is completed, the product passes through a UV light system where it sterilizes the little bugs and then kills them.



Just like the north plant, the sludge is then transferred to a filter press where the water is removed and the cake material is transported to the compost facility.

The Central Plant also houses the laboratory where all samples from the three plants are tested and recorded.



Robert (Bob) Lawson (not pictured) is our Lab Technician and has been with the City of Sedalia for 28 years.

Southeast Treatment Plant



Eric Friedly is our Wastewater Plant Operator I for the Southeast Treatment Plant located at 26999 Goodwill Chapel Road. Like the Central Plant, the Southeast Plant utilizes the activated sludge system. The newest of all three plants, the Southeast Plant was established in 1985 and processes 2.5 million gallons of wastewater per day.

WPC Maintenance



Pictured above is our WPC Maintenance team and they work out of a facility located at 204 S. Marvin Avenue. From left to right: Jeffrey Ward, Equipment Operator; David Gerken, Crew Supervisor; Mark Grose, Permit/Environmental Control Specialist; Jon Motsinger, Equipment Operator; Matthew Clevenger, Sr. Equipment Operator and Wade Willis, Equipment Operator. Not pictured is Curtis Campbell, Crew Supervisor. Per our City's website, the Water Pollution Control Department manages the collection system which consists of 133 miles of gravity sanitary sewer mains, 4 miles of force mains, 2,130 manholes, and 12 lift stations. Maintenance of the collection system involves cleaning and inspections, repair, and rehabilitation.

Biosolids Compost Facility

Allen Stoeckel, Wastewater Plant Operator I and Daniel McCarthy, Compost Operator (pictured below, left to right) staff our Biosolids Compost Facility located at 27882 Hwy U. Their facility takes the end product from all the treatment plants and mixes it with shredded natural material like leaves, tree limbs and other plant material that arrive from our yard waste site. The compost goes through four stages with certain temperatures maintained in each of the stages for a set amount of time.

When the compost enters the fourth stage, called the "Cure" area, it stays there for 30 days in order for the compost to cool down. A screening process is performed on multiple piles over 30 days. Samples are then taken and sent to a lab for processing. Lab results are usually received within two weeks. The entire process takes approximately 100 days from start to finish, including time for test sample processing. The compost is distributed once appropriate test results have been received.



The Water Pollution Control Department is an integral part of the services the City of Sedalia provides to our citizens and we certainly appreciate their hard work. Thank you, WPC.

Sedalia P.D. to Offer Women's Self-Defense Course!

The Sedalia Police Department will be offering a safety seminar for women, called W.A.S.P. (Women's Assault Avoidance and Self-Protection Seminar) on December 12, 2015 from 8:00 a.m. to 5:00 p.m. This course will be held either in the P.D. training room or the Sedalia Community Center gym; location will depend on class size.

There is no cost to participate in this course. Please be sure to wear comfortable clothing and bring a water bottle. The group will break for lunch.

Pre-registration is required with a deadline of 12/05/15. Please call the Sedalia Police Department at (660) 826-8100 or email Sergeant Brad Beard at bbeard@sedaliapolice.com.



New City Service to Replace Annual Leaf Pickup

With the establishment of the City of Sedalia's Yard Waste Facility at 28th and New York, citizens are now able to dispose of their leaves and associated yard debris whenever they desire. Since this site is available 24 hours a day/7 days a week, the City will no longer host a Leaf Pickup event in December.

However, if you or someone you know does not have the capability of transporting leaves to the Yard Waste Facility, a leaf pickup request will soon be added to the online Citizens Service Request feature available on the City of Sedalia website: www.cityofsedalia.com.

This online leaf pickup service request will be available December 1, 2015 through January 15, 2016. The City asks that your leaves be already bagged and waiting at curbside when you make your request. The leaves will be picked up within seven days (weather permitting).

City Christmas Light Contest

Many citizens will take advantage of the still-mild temperatures to start their outside decorating for the holiday season. Just a reminder that information regarding the City of Sedalia's annual Christmas Light contest will soon be announced!

SEDALIA ANIMAL SHELTER STAFF PIC!



Tiger is a sweet little girl, just over a year old, who would love nothing more than to be near your knee under the Thanksgiving table this year. This pit mix has been at the shelter since September 25, 2015 – she says she’s ready to go home today! For more information on Tiger, please contact the Sedalia Animal Shelter at 826-5816 or visit the shelter at 2900 West Main Street, Sedalia, MO.

Veterans Day

Wednesday, November 11, 2015

The City of Sedalia offices will be closed in observance of Veterans Day on November 11, 2015. All City offices will reopen on Thursday, November 12, 2015 for normal business hours. City trash collection will follow the normal schedule.

The annual Veterans Day Parade will occur on Wednesday, November 11th, beginning at 3:30 p.m. in Downtown Sedalia. Parade participants are asked to be in line by 2:30 p.m.

City Observes Thanksgiving Holiday November 26 and November 27, 2015

The City of Sedalia will observe the Thanksgiving Holiday on Thursday, November 26 and Friday, November 27, 2015. Offices in the Municipal Building will be closed in observance of the holiday.

Refuse collection for the week of November 23, 2015 will be as follows: Pick up for Monday and Tuesday, November 23rd and November 24th will follow the normal schedule. Thursday’s pick up will occur on Wednesday, November 25th. Please note that there will be no pick up on Friday, November 27th.

ANNUAL SEDALIA CHAMBER CHRISTMAS PARADE DECEMBER 5, 2015

The holiday season is full of pleasant surprises and the City of Sedalia will join in on the fun during the Chamber’s Christmas Parade on Saturday, December 5, 2015. The parade begins at 10:00 a.m. We hope to see you in Downtown Sedalia on December 5!

Playin’ at the Park

TINY TOTS PLAY PARK

Tuesdays & Wednesdays 9:30-11:30 a.m.
Convention Hall Gym, \$1.50 per child per class
Or purchase a \$10 Punch Pass (10 visits)
Parents must supervise their own children during this special play group. Open to children who have not yet entered school (age 5 and younger). Participants **MUST** pay (or show their punch pass) in office before entering the gym.

FAMILY FUN NIGHT

Pizza, Bingo, and other fun games with your family & friends!
Friday, November 13
6:30-8:00 p.m.
\$20/family of 5 OR \$5/individual
Register by November 6

WINTER ADULT VOLLEYBALL LEAGUES

Early Bird Registration: November 16 – December 4, \$120 per team
Open Registration: December 7 – 16, \$140 per team
Tuesday Women’s Intermediate and Recreation
Thursday Co-Ed Intermediate and Recreation
See website for more information and to print registration packet
Teams that donate 12 or more non-perishable food items at the time of registration will be given a \$20 discount! (Must sign up during registration dates posted above). All items collected will be donated to Open Door Services.

Moving Forward



City of Sedalia
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