



City of Columbia, Missouri

Meeting Minutes

City Council

Monday, October 16, 2017

5:00 PM

Work Session

Conference Room

1A/1B

Columbia City Hall

701 E. Broadway

I. City Council and City Manager's Office staff will meet in Conference Room 1A/1B of City Hall to convene for the shuttle.

The group departed for the Wastewater Treatment Plant by shuttle.

Present: 7 - Ruffin, Trapp, Thomas, Peters, Treece, Skala, and Pitzer

City Council tours the Wastewater Treatment Plant.

Members of the general public that wish to attend should arrive at the Wastewater Treatment Plant (4900 Gillespie Bridge Road) no later than 5:15 pm.

The tour began at approximately 5:28 pm. Assistant Director of Utilities, Dave Sorrell, led the tour noting that this plant opened in 1983 at a cost of \$21 million, of which the City paid only 10%. At that time the facility pumped about 13 million gallons per day compared to the 16 million gallons per day that is pumped now. Mr. Sorrell explained that 95 people work out of this facility and plant operations staff are here 24/7. He noted the numerous safety awards on hall walls that have been achieved over the years. Mr. Sorrell showed a sewer utility vehicle with the cameras used to view the inside of the sewers. He also showed the lab where most of the compliance work is done. He noted that approximately 50,000 analyses are conducted per year with only a staff of three to four. Mr. Sorrell showed the original lab where engineering space is housed. He toured the large basins outside where the cleaning process occurs by first straining the largest solids using a vortex system. He showed the primary basins where additional solids are then pumped out. Effluent is then mixed with bacteria and oxygen is added. A recirculation pump allows for a complete removal of ammonium. After the water comes out of the aeration tanks, some is wasted out of the system and some gets discharged to the wetlands system. The current capacity is 16 million gallons per day, but is designed to increase to 26.2 million gallons per day and will reach that once a permit is issued. Mr. Sorrell concluded the tour of the facility at approximately 6:30 pm.

II. All other items the Council may wish to discuss.

None.

III. City Council and City Manager's Office staff will convene for the shuttle back to City Hall.

The group departed back to City Hall.