



City of Grand Island

Tuesday, July 19, 2016

Study Session

Item -3

Wastewater Budget Presentation

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2017 Wastewater Budget





City of Grand Island
Wastewater Treatment
Plant recognized in
industry magazine

Funding Sources

Operating Revenue






 Sewer Assessments	\$ 150,000
 Sewer Tap Fees	\$ 10,000
 Sewer Revenue	\$11,500,000
 Sewer Assessment Interest	\$ 25,000
 Co-Pay Health Insurance	\$ 56,594
 Interest & Dividend Revenue	\$ 10,000
 State Revolving Fund	\$ 9,909,496
 Other Revenue	\$ 140,000
 Credit Card Rebate	\$ <u>12,000</u>
	\$21,813,090

Expenditures

 Staff	\$ 2,683,200
 Operating	\$ 3,914,928
 Debt Service	\$ 2,940,757
 Capital	<u>\$13,284,496</u>
	\$22,823,381



2017 Overview

 Operating Cash Balance	\$(16,393,432)
 Revenue	\$(21,813,090)
 Total Resources Available	\$(38,206,522)
 Total Requirements	\$ 22,823,381
 Ending Cash Balance	\$ 15,383,141

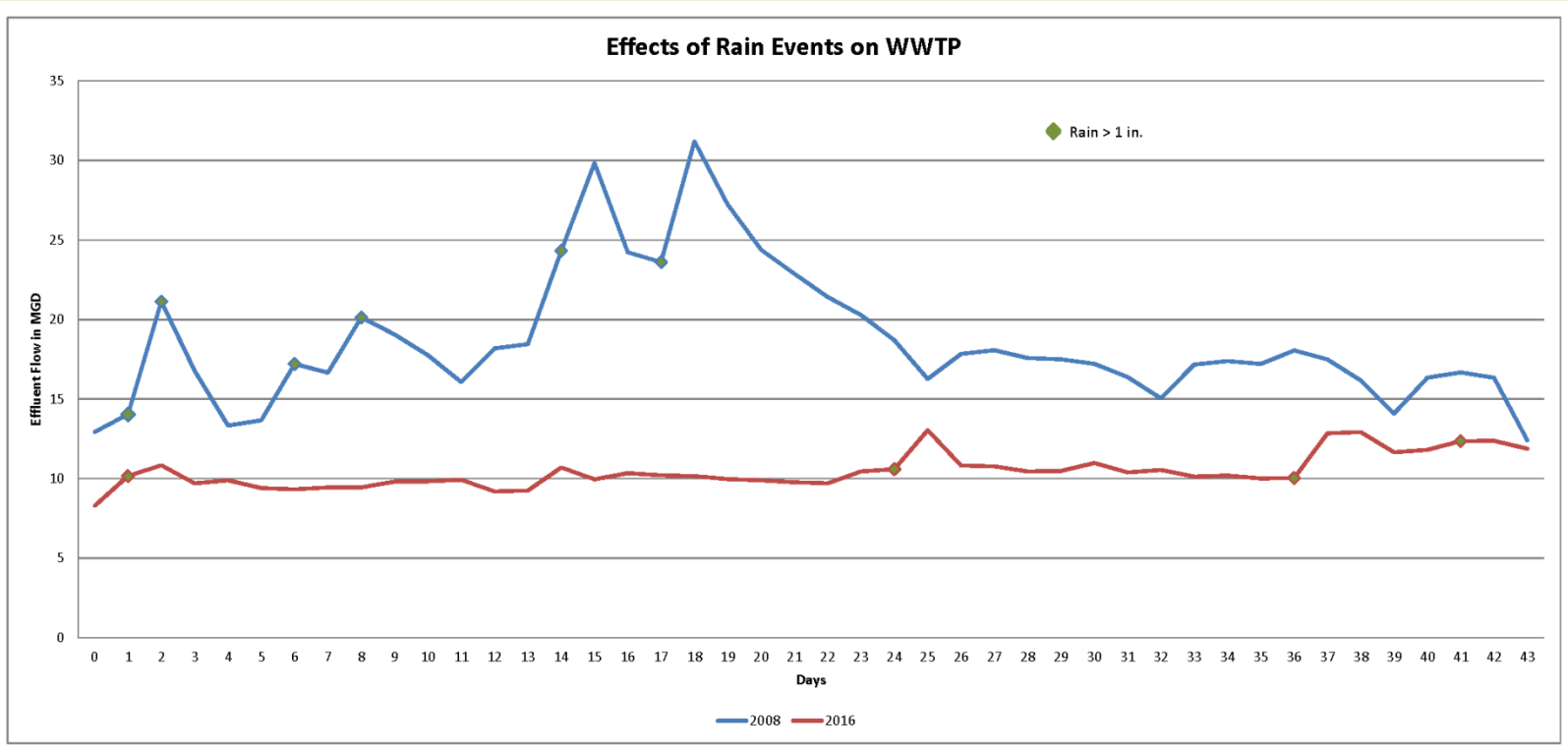
*Ending Cash contains \$2,560,000 restricted cash for bond reserve requirements

Wastewater Treatment FY 2017 - FY 2020					
	2017	2018	2019	2020	
	Budget	Budget	Budget	Budget	
Beginning Cash Balance	\$16,393,432	\$ 15,383,141	\$ 14,413,308	\$ 11,407,558	
Revenue	\$21,813,090	\$14,278,181	\$12,112,317	\$12,215,910	
Transfers In					
Total Resources Available	\$38,206,522	\$ 29,661,322	\$ 26,525,625	\$ 23,623,468	
Expenditures	\$22,823,381	\$15,248,014	\$15,118,067	\$16,643,891	
Transfers Out					
Total Requirements	\$22,823,381	\$15,248,014	\$15,118,067	\$16,643,891	
Ending Cash Balance	\$15,383,141	\$ 14,413,308	\$ 11,407,558	\$ 6,979,577	
Unrestricted Cash	\$ 12,823,141	\$ 11,853,308	\$ 8,847,558	\$ 4,419,577	
Restricted Cash	\$2,560,000	\$2,560,000	\$2,560,000	\$2,560,000	
	\$ 15,383,141	\$ 14,413,308	\$ 11,407,558	\$ 6,979,577	
Personnel	\$2,683,200	\$2,817,360	\$2,901,881	\$2,988,937	
Operating	\$3,914,928	\$4,073,378	\$4,211,007	\$4,355,677	
Debt	\$2,940,757	\$ 5,038,007	\$ 5,180,179	\$ 5,158,310	
Capital	\$13,284,496	\$3,319,269	\$2,825,000	\$ 4,140,967	
Total Expenditures	\$22,823,381	\$15,248,014	\$15,118,067	\$16,643,891	

Sanitary Sewer Extended to I-80

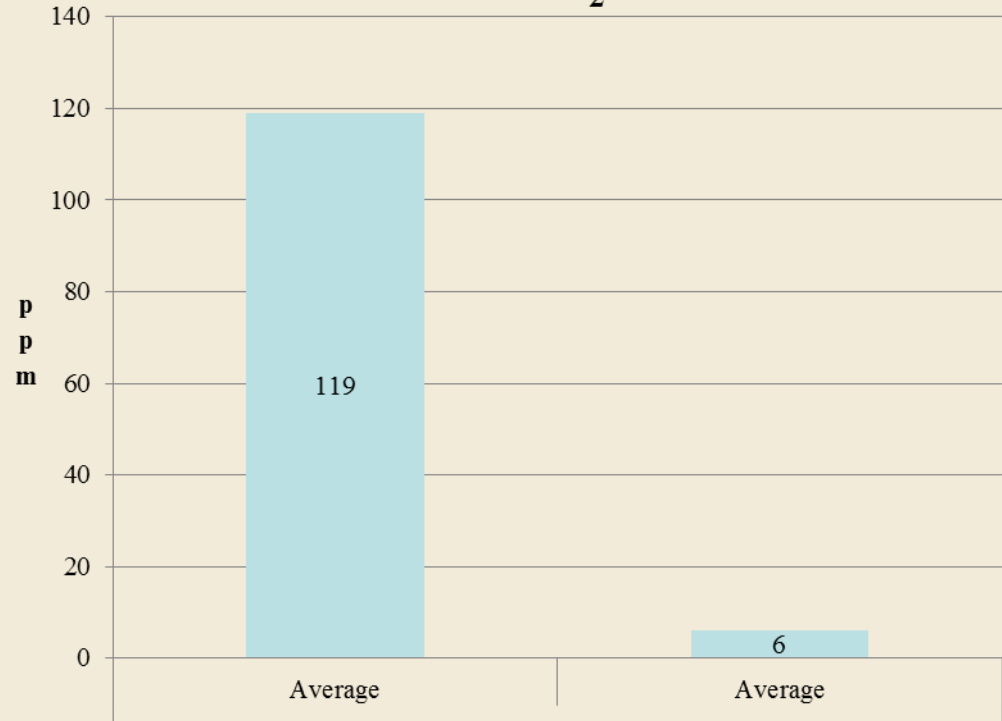


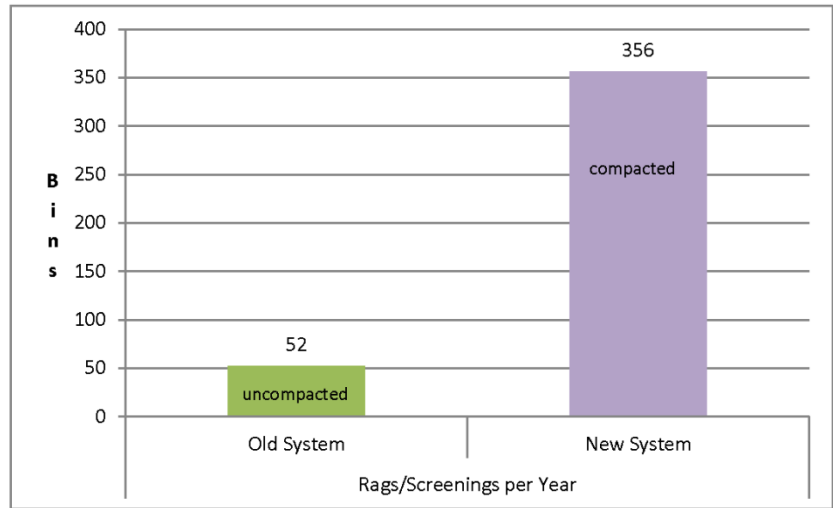
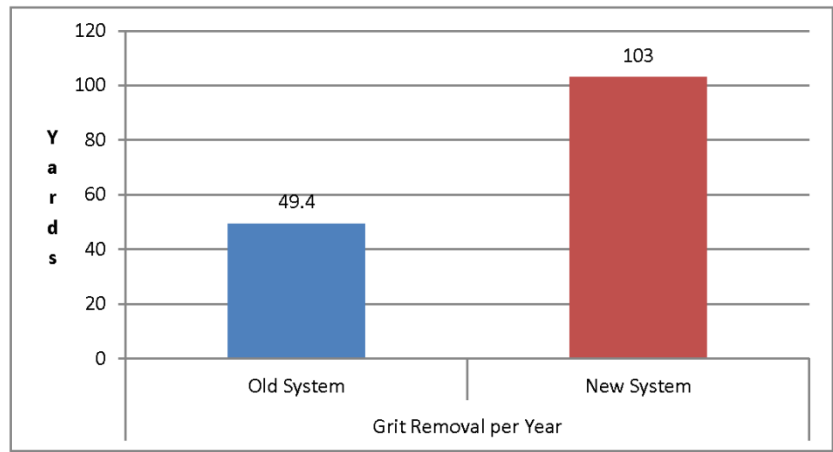
Project Name	Award Price	Final Cost	Percent Over/Under
Lift Station #7, 2011-S-1A	\$479,559	\$485,638	1.3%
Eddy to Vine on 5th St, 2012-S-3	\$1,734,106	\$1,664,533	4.2%
South & West Interceptor, 2012-S-4	\$739,547	\$730,514	1.2%
Wildwood Industrial Subdivision, District 528	\$1,602,306	\$1,686,158	5.2%
S. Highway 281, District 530T	\$1,771,812	\$1,764,656	0.4%
Sewer Improvement District #2	\$2,180,806	\$2,244,705	2.9%
Headworks Improvements	\$16,918,000	\$16,820,174	0.6%
Phase I, 2012-S-6	\$8,444,635	\$8,655,460	2.5%
Phase II, 2013-S-4 (<i>projected</i>)	\$21,479,538	\$21,456,969	0.1%
Accumulative Totals	\$55,350,309	\$55,508,807	0.3%



Hydrogen Sulfide reduced with
Lift Station abandonment
Increasing life expectancy of
infrastructure

Lift Station #19 H₂S Levels





2016/2017 WASTEWATER CAPITAL PROJECTS

North Interceptor Phase II	\$ 4,255,714
Concrete Dewatering Pad	\$ 100,000
Lift Station No. 20 - Upgrade	\$ 1,200,000
Lift Station No. 20 - Forcemain Rehabilitation	\$ 2,980,782
Airport Sanitary Sewer Collection System	\$ 1,350,000
Wastewater Collection System Rehabilitation	\$ 250,000
Wastewater Treatment Plant Building Improvements	\$ 600,000
WAS Tank Blowers	\$ 250,000
Safety Screening	\$ 25,000
Assessment Districts	\$ 250,000
Miscellaneous Wastewater Treatment Plant Paving	\$ 30,000
Lift Station No. 14 Abandonment	\$ 73,000
Westwood Phase I Low Pressure	\$ 1,400,000
	\$ 12,764,496

Wastewater Vehicles

\$520,000

- Combination sewer cleaning unit
 - Combined vacuuming & flushing functions in one unit for more efficient & effective cleaning
- Van for Sample Collection
 - Will allow for more collecting & analyzing of wastewater sent to the plant

Wastewater Awards

- 🇺🇸 NWEA Silver Safety Award
- 🇺🇸 NWEA Scott Wilbur Outstanding Facility Award
- 🇺🇸 WEF Laboratory Analyst Excellence Award – Dallas Powell

