CENTERVILLE CITY COUNCIL AGENDA

NOTICE IS HEREBY GIVEN THAT THE CENTERVILLE CITY COUNCIL WILL HOLD A SPECIAL WORK SESSION AT 7:00 P.M. ON TUESDAY, JANUARY 13, 2015 AT THE CENTERVILLE CITY COMMUNITY CENTER AND CITY HALL COUNCIL CHAMBERS, 250 NORTH MAIN STREET, CENTERVILLE, UTAH. THE AGENDA IS SHOWN BELOW.

Tentative Time:

7:00 **A. ROLL CALL**

B. BUSINESS

1. Work Session re Drainage Utility Fees

C. ADJOURNMENT

Marsha L. Morrow, MMC
Centerville City Recorder

CENTERVILLE WORK SESSION AGENDA

NOTICE IS HEREBY GIVEN THAT THE CENTERVILLE CITY COUNCIL WILL HOLD ITS WORK SESSION MEETING AT 7:00 PM ON January 13, 2015 AT THE CENTERVILLE CITY COMMUNITY CENTER AND CITY HALL COUNCIL CHAMBERS, 250 NORTH MAIN STREET, CENTERVILLE, UTAH. THE AGENDA IS SHOWN BELOW.

Tentative Time: - The times shown below are tentative and are subject to change during the meeting.

5:00 **A. ROLL CALL**

B. NEW BUSINESS

7:00 p.m. 1. Work Session re Drainage Utility Fees

C. ADJOURNMENT

Marsha L. Morrow, MMC
Centerville City Recorder

CENTERVILLE
WORK SESSION
Staff Backup Report
1/13/2015

Item No. 1.

Short Title: Work Session re Drainage Utility Fees

Initiated By:

Scheduled Time: 7:00 p.m.

SUBJECT

RECOMMENDATION

Review the several drainage rate increase scenarios prepared by City's consultant; agree on a proposed increase to submit to the public; and set a date and format for public comment.

BACKGROUND

The City Council has discussed this topic several times in earlier meetings. They reviewed a number of rate increase scenarios presented by Fred Philpot, the City's consultant from Lewis Young Robertson Burningham. At one point a majority of the Council appeared to be in favor of a two-step increase that did not involve debt, and set a date in January for a public hearing. The City Manager later raised concerns about the combined impact of that two-step increase. The Council subsequently agreed to delay the public hearing and hold another work session to reconsider the various scenarios. However, they directed the City Manager to proceed with an initial utility bill insert explaining the need for rate increases. This insert (attached) was mailed with the utility bills at the end of December. The intent is to send another utility bill insert at the end of January that will explain the Council's specific rate increase proposal and announce a public comment process.

In preparation for the January 13 work session, staff met again last week with the consultant and reviewed additional scenarios. Fred extended his database model to include all drainage projects proposed for the next 20 years, in order to anticipate when additional bond issues might be needed if the Council selects a scenario that includes new debt. This will allow the Council to understand the potential layering of debt issues over that 20-year period. The attached scenarios only show the next 10 years (2015-2025), but Fred will be able to explain at the work session what the model projects for rate increases beyond 2025 because he has input the projects for a 20-year period. He notes, however, that the reliability of the project list goes down after the initial years, and especially so after 10 years. So he recommends the Council assume a drainage master plan update and another rate increase analysis will be undertaken near the end of the first 5 years.

For this work session, four scenarios are attached. Scenarios 1 and 2–the "baseline no increase" and "one-time increase no debt" scenarios--are similar to ones already seen by the City Council, with one significant change. Due to the magnitude of increases that will be needed–under either a debt or no-debt scenario–staff are concerned about rate payers not having sufficient notice to plan for such increases. So the consultant was directed to assume the new rates would first become effective July 1, 2015 (i.e. FY 2016) rather than sometime between now and July. This is reflected in the attached Scenarios 2, 7 and 8. Fred can move the beginning date up to whatever month the Council wishes, however, and show at the work session the impact of that change, if the council desires to implement increases before July.

Scenario 7 is a multi-step increase over 5 years (35%/15%/10%/3%/3%) that includes debt issuance in FY 2017. It does not show another debt issuance within the 10-year window, but shows there may be a need to issue again by 2024, or that might be avoided by another rate increase in the 6-10 year window. At that point there would be only one bond issue outstanding–the one issued in 2017, because the current drainage debt will be retired in 2022.

Scenario 8 is a two-step no-debt increase (55%/55%) which would result in an increase of 140% compared to current rates.

A comparison of the monthly storm drain rates (currently $4/ESU) under Scenarios 2, 7 and 8 at the 3-year mark (FY 2018) is shown below:

- Scenario 2 – $8.48

- Scenario 7 – $6.83
- Scenario 8 – $9.61

The monthly subdrain fees (currently $2 or $6 depending on whether outside or inside a subdrain district, respectively) in FY 2018 would be:

- Scenario 2 -- $4.24/$12.72
- Scenario 7 -- $3.42/$10.25
- Scenario 8 -- $4.81/$14.42

Council members can make their own comparisons for other years in the several scenarios.

Staff recommend a multi-step rate increase that includes a bond issue anticipated in FY 2017 (possibly combined with a water system bond issue). Staff believe this will spread the cost of infrastructure more fairly over current and future beneficiaries of the drainage system, and will create less financial hardship on all ratepayers, but especially low-income homeowners and large non-commercial ratepayers (churches and schools).

At the work session, Fred will be able to manipulate his model to show the effects of other tweaks the Council may want to consider, such as changing the number or percentages of step increases for either a debt or no-debt scenario.

ATTACHMENTS:

Description

- Utility Insert Jan 2015
- Scenario 1 - Baseline No Rate Increase (2025)
- Scenario 2 - One time Increase No Debt (2025)
- Scenario 7 - Staggered Increase Multi Yrs with Debt (2025)
- Scenario 8 - Staggered Increase 2 yrs No Debt (2025)

CENTERVILLE NEWS UPDATE

January 2015

Drainage User Fees to be Increased

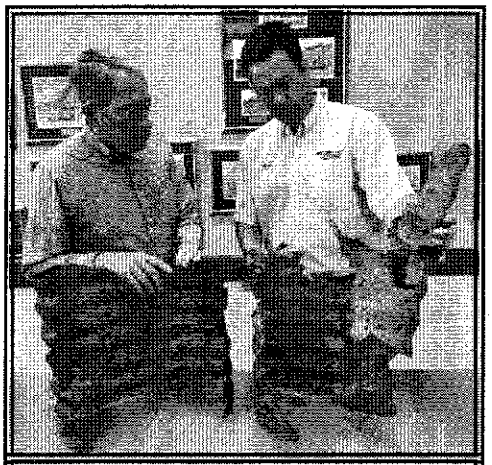
The Centerville City Council is continuing its study of the monthly drainage fees. These fees—known as "drainage utility" and "subsurface drain" fees on the monthly utility bills—have not increased since being imposed in 1999 and 2001, respectively. This insert provides background on why these fees were imposed and the need to increase these fees. Please look for a future insert that will contain the Council's proposed fee increases and the opportunity for public comment.

Centerville's Drainage Conditions and Flooding History

Centerville's unique geography presents extraordinary challenges relating to surface drainage and groundwater. Although only 3 ½ miles long, Centerville is crossed from east to west by five creeks, originating in the mountains and terminating in Farmington Bay of the Great Salt Lake. The risks associated with these drainage basins are evidenced by two destructive debris flows in the 1900's and widespread flooding in 1983.

High groundwater conditions also exist throughout much of the city due to the proximity and relative elevation of the Great Salt Lake. Much of the residential development that occurred within the past three decades had to account for high groundwater by installing subsurface drains—or "subdrains"—to convey groundwater to nearby drainage systems, or by building homes without basements.

These geographical challenges are amplified by the transportation corridors that bisect Centerville. All stormwater and groundwater originating east of I-15 must be conveyed under the freeway and railroad tracks. This means many additional drainage pipes that, over time, have to be replaced and/or enlarged.



Drainage Utility Supervisor, Dave Walker (right), shows City Manager, Steve Thacker, a piece of corrugated metal drain pipe that recently collapsed.

Critical Role of Planning to Address Drainage Conditions

Following the 1983 floods, Centerville City initiated an ambitious and continuous planning effort to identify flood control projects and drainage improvements needed to protect existing development and enable new development. These master plans have been critical in guiding City officials as they required infrastructure from developers, allocated limited City funds to projects, and forged partnerships with other government agencies. Drainage master plans were completed/updated in 1985, 1988, 1995, 2001, 2007 and 2013. Many studies relating to floodplains and specific flood control projects were also done.

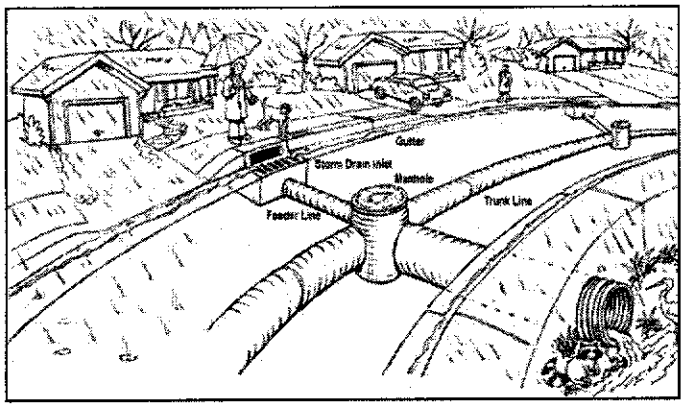
Need for Dedicated Funding

The City issued bonds in 1980 for storm drain projects and levied a property tax dedicated to retiring those bonds. The dedicated tax levy was cancelled when the bonds were completely paid off in 1995. In 1996 a Citizens Committee was appointed to study the need for ongoing funding dedicated to maintaining the drainage system. Their recommendation was to create a Drainage Utility—a separate enterprise operation funded by a monthly user fee. After several public hearings in 1998 and 1999, the City Council created the Drainage Utility and imposed a monthly stormwater fee (known as "drainage utility" fee on current bills) of $4 per single family home. Other property owners—schools, churches, businesses, apartment buildings—were assessed higher monthly fees based on the amount of hard surface on those properties, per a formula that compared the amount of hard surface to the average hard surface on a single family home lot.

WWW.CENTERVILLEUT.NET

Drainage User Fees to be Increased (cont.)

In 2001, after further study of the subdrain systems, the City Council added a "subsurface drain" user fee to the monthly utility bill. This fee was set at $2 per month per home, or $6 per month if the home is within an area served directly by a subdrain system. Owners of other developed property also pay subsurface drain fees. The rationale for charging the $2 monthly fee city-wide was because all residents use roads in the high groundwater areas, and the life of these roads is prolonged by the effective operation of those subdrains. With the imposition of subsurface drain fees, the City took over maintenance of subdrains within public roadways and accepted the transfer of ownership and maintenance of portions of the drainage swales along the Frontage Road, which until then had been the responsibility of homeowner associations in adjacent subdivisions with subdrain systems.



This new dedicated revenue source from stormwater and subsurface fees enabled the City to establish a maintenance program that includes regular inspection and cleaning of storm drain and subdrain facilities, more frequent street sweeping to reduce the amount of debris getting into drainage pipes, maintenance of the Frontage Road drainage swales, and responding to specific drainage problems. These fees also enable the City to comply with Federal stormwater quality regulations and enforce compliance by others. In addition, some of these revenues have been used to construct new drainage or flood control facilities or replace existing drainage pipes. Some projects were financed via the issuance of debt, with a portion of the user fees being spent yearly for debt service. Many of the new and replacement facilities have been built in partnership with Davis County, UDOT, UTA, Union Pacific Railroad and the Federal Government.

Future Needs Not Met with Current User Fees

The storm drain and subdrain user fees have not increased since being imposed in 1999 and 2001, respectively. The 2013 update of the Drainage Master Plan identifies many existing pipes and culverts needing replacement and/or enlargement over the next 20 years. According to that document:

> "Over the next 10 to 15 years the City has the need to replace many old drainage systems that are over 50 years old. Many of these systems are old corrugated metal pipes that have rusted out and deteriorated over time."

The need is particularly heavy in the next five years. In connection with the current I-15 South Davis project, the capacity and condition of drainage pipes under the Frontage Road and freeway were evaluated again. As a result, a new culvert will be constructed under the freeway at Lund Lane, which UDOT has agreed to cost-share with the City. Corrugated metal culverts under the Frontage Road are in very poor condition, so these should be replaced before any further improvements are made to that road, currently scheduled for 2018. Many of the metal culverts under Main Street are also in poor condition and should be replaced before UDOT's scheduled repaving of that road in 2018. Recently a sinkhole in 400 East Street at 400 South was created by the failure of an old metal culvert. The complete list of drainage projects—both storm drain and subdrain—proposed for the next 20 years can be seen on the City's website: www.centervilleut.net.

Proposed Fee Increase

To fund these many projects, as well as sustain the drainage system maintenance program into the future, a significant increase is needed in the current user fees. The City Council is studying a number of possible rate increase scenarios—both with and without the issuance of new debt. A future insert will present the Council's proposal and announce a public comment process, including an open house, public hearing and written comment option.

Centerville City, Utah

Storm Drain Utility Fund

Comprehensive Financial Sustainability Plan

Table Detail: Multi-Year Cash Flow Projections

Scenario 1: No Increase

FISCAL YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Storm Utility Rate Increase	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subdrain Utility (IN) Rate Increase	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subdrain Utility (Out) Rate Increase	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Charge/ESU/Month	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00
Charge/EDU(IN)/Month	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00
Charge/EDU(OUT)/Month	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00

Scenario 1: No Increase

FISCAL YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Operating Revenues	$578,784	$583,123	$587,473	$591,883	$596,352	$600,834	$605,328	$609,834	$614,447	$619,056	$623,699
Total Operating Expenditures	($529,782)	($545,675)	($562,045)	($578,907)	($596,274)	($614,162)	($632,587)	($651,565)	($671,112)	($691,245)	($711,982)
Total Non-Operating Revenues (Expenses)	$47,437	$46,958	$46,381	$47,215	$108,147	$112,527	$117,084	$121,826	$126,760	$126,760	$126,760
Net Revenues Available For Ds	**$96,440**	**$84,405**	**$71,808**	**$60,191**	**$108,225**	**$99,199**	**$89,825**	**$80,095**	**$70,096**	**$54,571**	**$38,476**
DEBT SERVICE											
2002A UWFA Water Revenue Bonds (Storm Portion)											
2003 BWR Water Revenue Bonds (Storm Portion)											
2012 Water Revenue Refunding Bonds (Storm Portion)	(67,088)	(95,138)	(102,575)	(110,444)	(187,188)	(197,625)	(212,625)	-	-	-	-
Proposed Series 2017	-	-	-	-	-	-	-	-	-	-	-
Proposed Series 2024	-	-	-	-	-	-	-	-	-	-	-
Total Storm Debt Service	($67,088)	($95,138)	($102,575)	($110,444)	($187,188)	($197,625)	($212,625)	-	-	-	-
COVERAGE RATIO	**1.44**	**0.89**	**0.70**	**0.54**	**0.58**	**0.50**	**0.42**	**NA**	**NA**	**NA**	**NA**
COVERAGE RATIO: w/o Impact Fees	**0.77**	**0.41**	**0.25**	**0.12**	**0.00**	**(0.07)**	**(0.13)**	**NA**	**NA**	**NA**	**NA**
SURPLUS REVENUES	**$29,352**	**($10,732)**	**($30,767)**	**($50,252)**	**($78,962)**	**($98,426)**	**($122,800)**	**$80,095**	**$70,096**	**$54,571**	**$38,476**
Total Transfers In (Out)	-	-	-	-	-	-	-	-	-	-	-
Total CIP (Including 0% Depreciation)	**($286,430)**	**($349,685)**	**($807,440)**	**($853,966)**	**($301,074)**	**($374,446)**	**($776,134)**	**($365,273)**	**($348,362)**	**($431,228)**	**($1,427,615)**
Proposed Series 2017 Proceeds	-	-	-	-	-	-	-	-	-	-	-
Proposed Series 2024 Proceeds	-	-	-	-	-	-	-	-	-	-	-
Total Change in Cash Position	**($257,078)**	**($360,417)**	**($838,207)**	**($904,218)**	**($380,036)**	**($472,872)**	**($898,934)**	**($285,177)**	**($278,266)**	**($376,657)**	**($1,389,139)**
Beginning Cash Reserves	$536,500	$279,422	($80,995)	($919,202)	($1,823,421)	($2,203,457)	($2,676,328)	($3,575,263)	($3,860,440)	($4,138,706)	($4,515,363)
Ending Cash Reserves	$279,422	($80,995)	($919,202)	($1,823,421)	($2,203,457)	($2,676,328)	($3,575,263)	($3,860,440)	($4,138,706)	($4,515,363)	($5,904,502)
Ending Cash Reserves (unrestricted)	**$279,422**	**($80,995)**	**($919,202)**	**($1,823,421)**	**($2,203,457)**	**($2,676,328)**	**($3,575,263)**	**($3,860,440)**	**($4,138,706)**	**($4,515,363)**	**($5,904,502)**
Existing Bond Proceeds Balance	-	-	-	-	-	-	-	-	-	-	-
Days of Working Capital (unrestricted)	**193**	**(54)**	**(597)**	**(1,150)**	**(1,349)**	**(1,591)**	**(2,063)**	**(2,183)**	**(2,251)**	**(2,384)**	**(3,027)**

Centerville City, Utah

Storm Drain Utility Fund

Comprehensive Financial Sustainability Plan

Table Detail: Multi-Year Cash Flow Projections

Scenario 2: One Time Increase (No Debt)	FY 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Storm Utility Rate Increase	0%	112%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Subdrain Utility (IN) Rate Increase	0%	112%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Subdrain Utility (Out) Rate Increase	0%	112%	0%	0%	0%	0%	0%	0%	0%	0%	0%

FISCAL YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Storm Utility Rate Increase	0.0%	112.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subdrain Utility (IN) Rate Increase	0.0%	112.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subdrain Utility (Out) Rate Increase	0.0%	112.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Charge/ESU/Month	$4.00	$8.48	$8.48	$8.48	$8.48	$8.48	$8.48	$8.48	$8.48	$8.48	$8.48
Charge/EDU(IN)/Month	$6.00	$12.72	$12.72	$12.72	$12.72	$12.72	$12.72	$12.72	$12.72	$12.72	$12.72
Charge/EDU(OUT)/Month	$2.00	$4.24	$4.24	$4.24	$4.24	$4.24	$4.24	$4.24	$4.24	$4.24	$4.24

Scenario 2: One Time Increase (No Debt)

FISCAL YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Operating Revenues	$578,784	$1,236,220	$1,245,442	$1,254,791	$1,264,267	$1,273,768	$1,283,295	$1,292,847	$1,302,628	$1,312,398	$1,322,241
Total Operating Expenditures	($529,782)	($545,675)	($562,045)	($578,907)	($596,274)	($614,162)	($632,587)	($651,565)	($671,112)	($691,245)	($711,982)
Total Non-Operating Revenues (Expenses)	$47,437	$46,958	$49,241	$49,189	$108,924	$114,747	$120,316	$123,969	$130,903	$132,973	$134,588
Net Revenues Available For Ds	**$96,440**	**$737,502**	**$732,638**	**$725,074**	**$776,917**	**$774,353**	**$771,023**	**$765,252**	**$762,420**	**$754,126**	**$744,846**
DEBT SERVICE											
2002A UWFA Water Revenue Bonds (Storm Portion)											
2003 BWR Water Revenue Bonds (Storm Portion)											
2012 Water Revenue Refunding Bonds (Storm Portion)	(67,088)	(95,138)	(102,575)	(110,444)	(187,188)	(197,625)	(212,625)	-	-	-	-
Proposed Series 2017	-	-	-	-	-	-	-	-	-	-	-
Proposed Series 2024	-	-	-	-	-	-	-	-	-	-	-
Total Storm Debt Service	($67,088)	($95,138)	($102,575)	($110,444)	($187,188)	($197,625)	($212,625)	-	-	-	-
COVERAGE RATIO	**1.44**	**7.75**	**7.14**	**6.57**	**4.15**	**3.92**	**3.63**	**NA**	**NA**	**NA**	**NA**
COVERAGE RATIO: w/o Impact Fees	**0.77**	**7.27**	**6.69**	**6.14**	**3.57**	**3.35**	**3.08**	**NA**	**NA**	**NA**	**NA**
SURPLUS REVENUES	**$29,352**	**$642,365**	**$630,063**	**$614,630**	**$589,729**	**$576,728**	**$558,398**	**$765,252**	**$762,420**	**$754,126**	**$744,846**
Total Transfers In (Out)	-	-	-	-	-	-	-	-	-	-	-
Total CIP (Including 0% Depreciation)	**($286,430)**	**($349,685)**	**($807,440)**	**($853,966)**	**($301,074)**	**($374,446)**	**($776,134)**	**($365,273)**	**($348,362)**	**($431,228)**	**($1,427,615)**
Proposed Series 2017 Proceeds	-	-	-	-	-	-	-	-	-	-	-
Proposed Series 2024 Proceeds	-	-	-	-	-	-	-	-	-	-	-
Total Change in Cash Position	**($257,078)**	**$292,680**	**($177,377)**	**($239,336)**	**$288,656**	**$202,282**	**($217,736)**	**$399,979**	**$414,058**	**$322,899**	**($682,769)**
Beginning Cash Reserves	$536,500	$279,422	$572,102	$394,725	$155,389	$444,045	$646,327	$428,591	$828,570	$1,242,628	$1,565,527
Ending Cash Reserves	$279,422	$572,102	$394,725	$155,389	$444,045	$646,327	$428,591	$828,570	$1,242,628	$1,565,527	$882,758
Ending Cash Reserves (unrestricted)	**$279,422**	**$572,102**	**$394,725**	**$155,389**	**$444,045**	**$646,327**	**$428,591**	**$828,570**	**$1,242,628**	**$1,565,527**	**$882,758**
Ending Bond Proceeds Balance	-	-	-	-	-	-	-	-	-	-	-
Days of Working Capital (unrestricted)	**193**	**383**	**256**	**98**	**272**	**384**	**247**	**464**	**676**	**827**	**453**

Centerville City, Utah

Storm Drain Utility Fund

Comprehensive Financial Sustainability Plan

Table Detail: Multi-Year Cash Flow Projections

Scenario 7: Staggered Increase with Debt	FY 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Storm Utility Rate Increase	0%	35%	15%	10%	3%	3%	0%	0%	0%	0%	0%
Subdrain Utility (IN) Rate Increase	0%	35%	15%	10%	3%	3%	0%	0%	0%	0%	0%
Subdrain Utility (Out) Rate Increase	0%	35%	15%	10%	3%	3%	0%	0%	0%	0%	0%

FISCAL YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Storm Utility Rate Increase	0.0%	35.0%	15.0%	10.0%	3.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subdrain Utility (IN) Rate Increase	0.0%	35.0%	15.0%	10.0%	3.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subdrain Utility (Out) Rate Increase	0.0%	35.0%	15.0%	10.0%	3.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Charge/ESU/Month	$4.00	$5.40	$6.21	$6.83	$7.03	$7.24	$7.24	$7.24	$7.24	$7.24	$7.24
Charge/EDU(IN)/Month	$6.00	$8.10	$9.32	$10.25	$10.56	$10.88	$10.88	$10.88	$10.88	$10.88	$10.88
Charge/EDU(OUT)/Month	$2.00	$2.70	$3.11	$3.42	$3.52	$3.63	$3.63	$3.63	$3.63	$3.63	$3.63

Scenario 7: Staggered Increase with Debt

FISCAL YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Operating Revenues	$578,784	$787,215	$912,406	$1,010,997	$1,048,628	$1,088,415	$1,096,555	$1,104,718	$1,113,076	$1,121,424	$1,129,834
Total Operating Expenditures	($529,782)	($545,675)	($562,045)	($578,907)	($596,274)	($614,162)	($632,587)	($651,565)	($671,112)	($691,245)	($711,982)
Total Non-Operating Revenues (Expenses)	$47,437	$46,958	$46,996	$48,479	$110,434	$115,866	$120,938	$122,834	$127,996	$128,277	$128,087
Net Revenues Available For Ds	**$96,440**	**$288,498**	**$397,357**	**$480,569**	**$562,788**	**$590,119**	**$584,906**	**$575,988**	**$569,960**	**$558,456**	**$545,940**
DEBT SERVICE											
2002A UWFA Water Revenue Bonds (Storm Portion)											
2003 BWR Water Revenue Bonds (Storm Portion)											
2012 Water Revenue Refunding Bonds (Storm Portion)	(67,088)	(95,138)	(102,575)	(110,444)	(187,188)	(197,625)	(212,625)	-	-	-	-
Proposed Series 2017	-	-	(165,247)	(165,247)	(165,247)	(165,247)	(165,247)	(165,247)	(165,247)	(165,247)	(165,247)
Proposed Series 2024	-	-	-	-	-	-	-	-	-	-	-
Total Storm Debt Service	($67,088)	($95,138)	($267,822)	($275,691)	($352,435)	($362,872)	($377,872)	($165,247)	($165,247)	($165,247)	($165,247)
COVERAGE RATIO	**1.44**	**3.03**	**1.48**	**1.74**	**1.60**	**1.63**	**1.55**	**3.49**	**3.45**	**3.38**	**3.30**
COVERAGE RATIO: w/o Impact Fees	**0.77**	**2.55**	**1.31**	**1.57**	**1.29**	**1.32**	**1.24**	**2.75**	**2.68**	**2.61**	**2.54**
SURPLUS REVENUES	**$29,352**	**$193,361**	**$129,535**	**$204,878**	**$210,353**	**$227,247**	**$207,034**	**$410,740**	**$404,712**	**$393,209**	**$380,692**
Total Transfers In (Out)	-	-	-	-	-	-	-	-	-	-	-
Total CIP (Including 0% Depreciation)	**($286,430)**	**($349,685)**	**($807,440)**	**($853,966)**	**($301,074)**	**($374,446)**	**($776,134)**	**($365,273)**	**($348,362)**	**($431,228)**	**($1,427,615)**
Proposed Series 2017 Proceeds	-	-	$2,212,578	-	-	-	-	-	-	-	-
Proposed Series 2024 Proceeds	-	-	-	-	-	-	-	-	-	-	-
Total Change in Cash Position	**($257,078)**	**($156,324)**	**$1,534,673**	**($649,088)**	**($90,720)**	**($147,199)**	**($569,100)**	**$45,468**	**$56,351**	**($38,019)**	**($1,046,923)**
Beginning Cash Reserves	$536,500	$279,422	$123,098	$1,657,770	$1,008,682	$917,962	$770,763	$201,663	$247,131	$303,481	$265,463
Ending Cash Reserves	$279,422	$123,098	$1,657,770	$1,008,682	$917,962	$770,763	$201,663	$247,131	$303,481	$265,463	($781,461)
Ending Cash Reserves (unrestricted)	**$279,422**	**$123,098**	**$252,633**	**$457,510**	**$667,864**	**$770,763**	**$201,663**	**$247,131**	**$303,481**	**$265,463**	**($781,461)**
Ending Bond Proceeds Balance	-	-	$1,405,138	$551,172	$250,818	-	-	-	-	-	-
Days of Working Capital (unrestricted)	**193**	**82**	**164**	**288**	**409**	**458**	**116**	**138**	**165**	**140**	**(401)**

Centerville City, Utah

Storm Drain Utility Fund

Comprehensive Financial Sustainability Plan

Table Detail: Multi-Year Cash Flow Projections

Scenario 8: Staggered (2-Years) No Debt	FY 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Storm Utility Rate Increase	0%	55%	55%	0%	0%	0%	0%	0%	0%	0%	0%
Subdrain Utility (IN) Rate Increase	0%	55%	55%	0%	0%	0%	0%	0%	0%	0%	0%
Subdrain Utility (Out) Rate Increase	0%	55%	55%	0%	0%	0%	0%	0%	0%	0%	0%

FISCAL YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Storm Utility Rate Increase	0.0%	55.0%	55.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subdrain Utility (IN) Rate Increase	0.0%	55.0%	55.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subdrain Utility (Out) Rate Increase	0.0%	55.0%	55.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Charge/ESU/Month	$4.00	$6.20	$9.61	$9.61	$9.61	$9.61	$9.61	$9.61	$9.61	$9.61	$9.61
Charge/EDU(IN)/Month	$6.00	$9.30	$14.42	$14.42	$14.42	$14.42	$14.42	$14.42	$14.42	$14.42	$14.42
Charge/EDU(OUT)/Month	$2.00	$3.10	$4.81	$4.81	$4.81	$4.81	$4.81	$4.81	$4.81	$4.81	$4.81

Scenario 8: Staggered (2-Years) No Debt

FISCAL YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Operating Revenues	$578,784	$903,840	$1,411,758	$1,422,356	$1,433,097	$1,443,866	$1,454,665	$1,465,493	$1,476,581	$1,487,655	$1,498,812
Total Operating Expenditures	($529,782)	($545,675)	($562,045)	($578,907)	($596,274)	($614,162)	($632,587)	($651,565)	($671,112)	($691,245)	($711,982)
Total Non-Operating Revenues (Expenses)	$47,437	$46,958	$47,579	$48,350	$108,919	$115,586	$122,010	$126,528	$134,338	$137,295	$139,808
Net Revenues Available For Ds	$96,440	$405,123	$897,292	$891,799	$945,742	$945,290	$944,088	$940,457	$939,807	$933,705	$926,638
DEBT SERVICE											
2002A UWFA Water Revenue Bonds (Storm Portion)											
2003 BWR Water Revenue Bonds (Storm Portion)											
2012 Water Revenue Refunding Bonds (Storm Portion)	(67,088)	(95,138)	(102,575)	(110,444)	(187,188)	(197,625)	(212,625)	-	-	-	-
Proposed Series 2017	-	-	-	-	-	-	-	-	-	-	-
Proposed Series 2024	-	-	-	-	-	-	-	-	-	-	-
Total Storm Debt Service	($67,088)	($95,138)	($102,575)	($110,444)	($187,188)	($197,625)	($212,625)	-	-	-	-
COVERAGE RATIO	1.44	4.26	8.75	8.07	5.05	4.78	4.44	NA	NA	NA	NA
COVERAGE RATIO: w/o Impact Fees	0.77	3.78	8.30	7.65	4.47	4.21	3.89	NA	NA	NA	NA
SURPLUS REVENUES	$29,352	$309,985	$794,717	$781,356	$758,554	$747,665	$731,463	$940,457	$939,807	$933,705	$926,638
Total Transfers In (Out)	-	-	-	-	-	-	-	-	-	-	-
Total CIP (Including 0% Depreciation)	($286,430)	($349,685)	($807,440)	($853,966)	($301,074)	($374,446)	($776,134)	($365,273)	($348,362)	($431,228)	($1,427,615)
Proposed Series 2017 Proceeds	-	-	-	-	-	-	-	-	-	-	-
Proposed Series 2024 Proceeds	-	-	-	-	-	-	-	-	-	-	-
Total Change in Cash Position	($257,078)	($39,700)	($12,723)	($72,610)	$457,480	$373,220	($44,671)	$575,184	$591,445	$502,478	($500,978)
Beginning Cash Reserves	$536,500	$279,422	$239,722	$226,999	$154,389	$611,869	$985,089	$940,418	$1,515,602	$2,107,048	$2,609,526
Ending Cash Reserves	$279,422	$239,722	$226,999	$154,389	$611,869	$985,089	$940,418	$1,515,602	$2,107,048	$2,609,526	$2,108,548
Ending Cash Reserves (unrestricted)	$279,422	$239,722	$226,999	$154,389	$611,869	$985,089	$940,418	$1,515,602	$2,107,048	$2,609,526	$2,108,548
Ending Bond Proceeds Balance	-	-	-	-	-	-	-	-	-	-	-
Days of Working Capital (unrestricted)	193	160	147	97	375	585	543	849	1,146	1,378	1,081