Ordinance No. XX-XX

AN ORDINANCE AMENDING WATER IMPACT FEE FACILITIES PLAN, THE WATER IMPACT FEE ANALYSIS, AND AMENDING TITLE 11, CHAPTER 13 OF THE MUNICIPAL CODE OF PARK CITY, UTAH SETTING FORTH THE ASSESSMENT AND CALCULATION OF IMPACT FEES

WHEREAS, Park City Municipal Corporation is a political subdivision of the state of Utah, authorized and organized under the provisions of Utah law; and

WHEREAS, the City has completed a Water Impact Fee Facilities Plan (IFFP) and a Water Impact Fee Analysis (IFA) and requires the payment of impact fees as a condition of development approval, so that development pays an equitable portion of the costs of facilities relating to growth; and

WHEREAS, the IFFP and IFA contain an analysis, certification and an executive summary that clearly define the methodology by which water impact fees have been calculated and how those impacts on system improvements are reasonably related to development activity; and

WHEREAS, the IFFP and IFA establish that impact fees are necessary to achieve an equitable allocation to the costs borne in the past and to be borne in the future, in comparison to the benefits already received and yet to be received; and

WHEREAS, a public hearing was duly noticed and held at the regular scheduled City Council meeting of September 25, 2014;

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Park City, Utah that:

SECTION 1. PURPOSE: This Impact Fee Ordinance is promulgated pursuant to the requirements of the Impact Fees Act, Utah Code Annotated Title 11 Section 36a (the "Act"). The purpose of this ordinance is to provide for the generation of sufficient revenue to pay the costs of capital projects and debt service related to or required due to demands of new development activity.

SECTION 2. WATER IMPACT FEE FACILITIES PLAN ADOPTED: The Water Impact Fee Facilities Plan Dated September xx, 2014 is hereby adopted.

SECTION 3. WATER IMPACT FEE ANALYIS: The Water Impact Fee Analysis dated September xx, 2014 is hereby adopted.

SECTION 4. AMENDMENT TO THE MUNICIPAL CODE OF PARK CITY, UTAH ADOPTED: Amendment to Title 11, Chapter 13 of the Municipal Code of Park City is hereby amended as shown on Exhibit A.

SECTION 5. EFFECTIVE DATE**.** This Ordinance shall be effective December 25, 2014.

PASSED AND ADOPTED this 25th day of September, 2014.

PARK CITY MUNICIPAL CORPORATION

_____
Mayor Jack Thomas

Attest:

_____
Marci Heil, City Recorder

Approved as to form:

_____
Mark D. Harrington, City Attorney

(Amended by Ord. Nos. 96-12; 01-37; 03-05; 05-37; 07-35)

PARK CITY
WATER IMPACT FEE
FACILITIES PLAN

Project No. 155-13-01

July 2014

Prepared for:

PARK CITY
1884

Prepared by:

Bowen Collins
& Associates, Inc.
CONSULTING ENGINEERS

Bowen, Collins & Associates
154 East 14000 South
Draper, Utah 84020

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EXECUTIVE SUMMARY

INTRODUCTION

Park City has retained Bowen Collins & Associates (BC&A) to prepare an impact fee facility plan (IFFP) for its water system. The purpose of an IFFP is to identify demands placed upon City facilities by future development and evaluate how these demands will be met by the City. The IFFP is also intended to outline the improvements, which may be funded through impact fees.

WHY IS AN IFFP NEEDED?

The IFFP provides a technical basis for assessing updated impact fees throughout the City. This document will address the future infrastructure needed to serve the City with regard to current land use planning. The existing and future capital projects documented in this IFFP will ensure that level of service standards are maintained for all existing and future residents who reside within the service area. Local governments must pay strict attention to the required elements of the Impact Fee Facilities Plan, which are enumerated in the Impact Fees Act.

PROJECTED FUTURE GROWTH

To evaluate future infrastructure needs, it is first necessary to project how demand on the water system will increase in the future. Projected growth in peak day demands based on consideration of developable area, zoning, the nature of surrounding development, designated open space and other factors is summarized in Table ES-1.

Table ES-1
Projected Potable Peak Day Demand

	Peak Day Demand (gpm)
Existing	6,835
2015	6,980
2020	7,488
2023	8,020
2030	9,470
2040	10,288
2050	10,390
Buildout	10,465

EXISTING CAPACITY AVAILABLE TO SERVE FUTURE GROWTH

Projected future growth will be met through a combination of available excess capacity in existing facilities and construction of additional capacity in new facilities. Existing capacity available to serve new growth was evaluated in the City's water system. To improve the accuracy of the analysis, we have divided the system into four different components (production, treatment, storage, and transmission). The purpose of this breakdown is to consider the available capacity for each component individually. Excess capacity in each component of the system is as summarized in Table ES-2.

Table ES-2
Percent Use of Existing System Capacity

	Production Component[1]	Treatment Component[2]	Storage Component[3]	Transmission Component
Existing	44.7%	66.3%	65.1%	77.1%
Growth in 10-yr Planning Window	32.9%	33.7%	11.4%	7.5%
Growth Beyond 10-yr Planning Window	22.4%	0.0%	23.5%	15.4%

[1] Applies to Lost Canyon capacity only.
[2] Applies to Quinns WTP capacity only.
[3] Excluding storage at Woodside, Neck, Silver Lake, and North Lake Flat Tanks.

REQUIRED SYSTEM IMPROVEMENTS

Beyond available existing capacity, additional improvements required to serve new growth are summarized in Table ES-3. Included in the table is an allocation of estimated project costs between existing users and future development. The table does not include construction inflation or bond costs related to paying for impact fee eligible improvements.

Table ES-3
Required System Improvements

Name	Total Cost – 2014 Dollars	Percent to Existing	Percent to 10-yr Growth	Percent to Beyond 10 Year	Percent Project Level
PRV Improvements for Fire Flow Storage Access	$759,000	100.0%	0.0%	0.0%	0.0%
C5 - West Neck Tank - Phase 1 - Design	$150,000	65.3%	11.3%	23.4%	0.0%
C5 - West Neck Tank - Phase 2A - Tank Construction	$3,450,000	65.3%	11.3%	23.4%	0.0%
C3 - Quinn's Pump Station to PCH/Fairway Hills Tank	$385,600	32.2%	5.6%	11.5%	50.8%
C3 - Quinn's WTP to Park City Heights	$1,022,900	0.0%	0.0%	0.0%	100.0%
Park City Heights Tank	$690,000	0.0%	0.0%	0.0%	100.0%
Auxiliary Power Improvements	$172,500	65.3%	11.3%	23.4%	0.0%
C5 - West Neck Tank - Phase 2B - Pipelines	$1,414,040	65.3%	11.3%	23.4%	0.0%
SCADA System Upgrade	$1,000,000	100.0%	0.0%	0.0%	0.0%
Quinn's Treatment Plant Capacity Upgrade	$3,002,000	0.0%	23.1%	76.9%	0.0%
Quinn's Treatment Plant Dewatering Improvements	$2,509,000	33.1%	28.5%	38.4%	0.0%
C9 - Fairway Hills to Park Meadows Redundancy	$73,600	65.3%	11.3%	23.4%	0.0%
C5 - Three Kings / Silver King Pump Station	$956,100	65.3%	11.3%	23.4%	0.0%
C8 - Queen Esther Drive	$577,000	100.0%	0.0%	0.0%	0.0%
C7 - Neck Tank to Last Chance	$269,800	100.0%	0.0%	0.0%	0.0%
C1 - Quinn's WTP to Boothill - Phase 1A	$926,300	7.2%	30.3%	62.5%	0.0%
C1 - Quinn's WTP to Boothill - Phase 1B	$926,300	7.2%	30.3%	62.5%	0.0%
C2 - Quinn's WTP to Chatham	$296,300	49.2%	16.6%	34.2%	0.0%
Silver Lake Tank II	$2,012,500	65.3%	11.3%	23.4%	0.0%
Total	**$20,592,940**				

SECTION 1
INTRODUCTION

Park City has retained Bowen Collins & Associates (BC&A) to prepare impact fee facility plan (IFFP) for the water system of the City. The purpose of an IFFP is to identify demands placed upon City facilities by future development and evaluate how these demands will be met by the City. The IFFP is also intended to outline the improvements, which may be funded through impact fees.

Much of the analysis forming the basis of this IFFP has been taken from the City's Transmission, Distribution and Storage Master Plan. This document was prepared by BC&A and is dated May 2014. For the purposes of this report, subsequent references to that document will simply be identified as the "Master Plan". The reader should refer to the master plan for additional discussion of planning and evaluation methodology beyond what is contained here.

Requirements for the preparation of an IFFP are outlined in Title 11, Chapter 36 of the Utah code (the Impact Fees Act). Under these requirements, an IFFP shall accomplish the following for each facility:

1. Identify the existing level of service
2. Establish a proposed level of service
3. Identify excess capacity to accommodate future growth
4. Identify demands of new development
5. Identify the means by which demands from new development will be met
6. Consider the following additional issues
    a. revenue sources to finance required system improvements
    b. necessity of improvements to maintain the proposed level of service
    c. need for facilities relative to planned locations of schools

The following sections of this report have been organized to address each of these requirements.

SECTION 2
EXISTING LEVEL OF SERVICE (11-36A-302.1.A.I)

Level of service is defined in the Impact Fees Act as "the defined performance standard or unit of demand for each capital component of a public facility within a service area". This section discusses the level of service being currently provided to existing users.

PERFORMANCE STANDARD

To improve the accuracy of the analysis, this impact fee facility plan has divided the system into four different components (production capacity, treatment, storage, and transmission). Each of these components has its own set of performance standards:

Production Capacity

Water production must be adequate to satisfy demands on both an annual and peak day basis. Production of supplies must take into account seasonal limitations in supply availability and reductions in yield because of dry year conditions. Production capacity must be capable of satisfying all sources of demand including secondary demands.

Treatment

Treatment has the same general level of service requirements as identified for production capacity. It must be adequate to satisfy demands on both an annual and peak day basis and must take into account seasonal limitations in supply availability and reductions in yield because of dry year conditions. Unlike production capacity, treatment capacity need only satisfy potable demands.

Storage

Three major criteria are generally considered when sizing storage facilities for a water distribution system: operational or equalization storage, fire flow storage, and emergency or standby storage.

1. **Operational/Equalization Storage:** Operational/equalization storage is the storage required to satisfy the difference between the maximum rate of supply and the rate of demand during peak conditions. Sources, major conveyance pipelines, and pump stations are usually sized to convey peak day demands to optimize the capital costs of infrastructure. During peak hour demands, storage is needed to meet the difference in source/conveyance capacity and the increased peak instantaneous demands. Because demands can vary from day to day, operational storage must be adequate to meet the average observed storage fluctuation in each zone with a safety factor of 2.0.
2. **Fire Flow Storage*:*** Fire flow storage is the amount of water needed to combat fires occurring in the distribution system. This storage is calculated based on the fire flow rate for structures in each area of the system multiplied by a specified duration as required by the fire authority. Typical residential homes require a fire flow of 1,500 gpm for a duration of 2 hours (180,000 gallons). Typical commercial facilities require a fire flow of

2,000 gpm for a duration of 2 hours (240,000 gallons). For some areas of Park City, the fire marshal requires even greater fire flow. The maximum fire flow required in the system is for the Old Town area with a total of 3,000 gpm for 3 hours (540,000 gallons).

3. **Emergency Storage:** Emergency or standby storage is the storage needed to meet demands in the event of an unexpected emergency situation such as a line break, treatment plant failure, or other unexpected event. This is a storage requirement that is largely dependent on recommendations of City personnel and depends on the availability of sources and backup power. Park City personnel have indicated that they would prefer to equip key pump stations with the ability to use portable generators instead of providing additional emergency storage. This operational preference is based on limiting the water age in storage tanks during low demand periods in the City.

Storage requirements are calculated for the system as a whole and for each individual zone.

Transmission and Distribution

Based on input from City staff, the following criteria were used as the performance standards for major conveyance facilities:

1. The system was evaluated for existing conditions and projected conditions in 2050. Each demand scenario included model runs at both peak day and peak hour demand for both winter and summer.
2. Under peak day demand, the system must be capable of maintaining constant levels at all system tanks and reservoirs.
3. Under peak hour demand, the system must be capable of limiting the maximum rate of draining in all system tanks and reservoirs to two times the tank or reservoir's size (e.g. - a 1 million gallon tank will drain at a rate of 2 mgd or less during the peak hour). This criterion limits the fluctuation of all tanks and reservoirs to 50 percent of their total volume during a peak day and ensures operational storage is adequate.
4. The system should be capable of maintaining 60 psi at all retail points of delivery during peak hour demands. Although lower pressures would be allowed by State regulations (40 psi during peak day demand and 30 psi during peak hour demand), maintaining 60 psi is recommended to provide superior service at all connections and minimize customer complaints.
5. If any major source fails or is off-line, the system must be capable of delivering water from the remaining sources to satisfy a demand equal to the production rate of the remaining sources. If any major transmission line fails or is off-line, the system must be capable of delivering water from other delivery points sufficient to satisfy Spring/Fall demand conditions.
6. If the JSSD Connection is unavailable (because of contract concerns, City preference, or maintenance), the system must be capable of meeting winter day demand with snow making. This criterion is important to consider because of the large snow making demand on the system from the Deer Valley Ski Resort.

7. Per requirements of the State of Utah, the system must be able to meet fire flow demands and still maintain greater than 20-psi residual pressure in the distribution system under peak day demand conditions. Fire flow demands were set at 1,500 gpm for residential areas and 2,000 gpm for commercial areas per the Park City Fire Marshall. Higher fire flows of 3,000 gpm for Historic Main Street and the Park City Mountain Resort area were selected by the Park City Fire Marshall as well as custom fire flows for a few other large structures.

UNIT OF DEMAND

In typical water systems, the unit of demand is often defined in terms of an equivalent residential unit (ERU). For Park City, however, development size and type vary so significantly across the City that the concept of "typical residential unit" does not really apply. In addition, defining typical use in the City is also complicated by the large tourist population within the City.

To overcome this challenge and best capture these unique aspects of City water use, the City has abandoned any attempt of defining a "typical" residential unit and has instead calculated its impact fee based on solely on peak day demand. Impact fees can then be customized for individual developments based on projected peak day demands for the development type and size.

SECTION 3
PROPOSED LEVEL OF SERVICE (11-36A-302.1.A.II)

The proposed level of service is the performance standard used to evaluate system needs in the future. The Impact Fee Act indicates that the proposed level of service may:

1. diminish or equal the existing level of service; or
2. exceed the existing level of service if, independent of the use of impact fees, the City implements and maintains the means to increase the level of service for existing demand within six years of the date on which new growth is charged for the proposed level of service.

In the case of this IFFP, no changes are proposed to the major level of service criteria identified in the previous section. Future growth will be evaluated based on the same level of service as discussed previously. The only exception to this is a few specific projects where proposed improvements will provide a new feature or a performance level above the standards identified for the system as a whole. Examples of this would include improvements to increase redundancy or system flexibility or operational improvements to improve ease of operation. Where these situations exist, the change in level of service has been identified in the description of the individual project (see Section 6).

SECTION 4
EXCESS CAPACITY TO ACCOMMODATE FUTURE GROWTH (11-36A-302.1.A.III)

Projected future growth will be met through a combination of available excess capacity in existing facilities and construction of additional capacity in new facilities. Defining existing system capacity in terms of a single number is difficult. To improve the accuracy of the analysis, we have divided the system into four different components (production capacity, treatment, storage, and transmission). The purpose of this breakdown is to consider the available capacity for each component individually. Excess capacity in component of the system is as follows:

PRODUCTION CAPACITY

The City's master plan includes an analysis of available supply to service existing and projected demands. This analysis includes consideration of annual supply, seasonal availability, and peak production capacity. When these issues are all considered, the reliable peak day production of Park City water sources is 10,444 gpm.

Because this represents Park City's production capacity for all types of supply, both culinary and secondary demands must be considered when calculating excess capacity. Existing peak day culinary demand has been calculated as 6,835 gpm. Secondary demands include 1,389 gpm for the golf course and 228 gpm for other Park City properties. This equates to a total existing demand of 8,452 gpm.

Several years ago, Park City was approaching the limit of its existing production capacity. To prepare for the future, the City secured additional capacity through the Lost Canyon Project. All production capacity in other sources is now completely consumed by existing demand, but some available capacity does still exist in the Lost Canyon Project. Thus, for the purpose of considering excess capacity, production capacity needs to be divided between Lost Canyon and other sources.

The production capacity of all sources except Lost Canyon is equal to 6,844 gpm. If this is subtracted from existing demands, this leaves 1,608 gpm of demand to be satisfied from the Lost Canyon project. The production capacity of Lost Canyon is 3,600 gpm. If existing demand is subtracted from this total, there is 1,992 gpm of available capacity to satisfy future demands. Calculated use of this capacity by existing and future growth is summarized in Table 4-1. As summarized in the table, growth in the next 10-years will use 55.3 percent of the available capacity in the Lost Canyon Project.

Table 4-1
Excess Lost Canyon Project Production Capacity

	Peak Day Demand in Excess of Other Sources (gpm)	Use of Existing Facilities (gpm)	Percent Use of Existing Facilities
Existing	1,608	1,608	44.7%
End of 10-yr Planning Window (2023)	2,793	1,185	32.9%
Buildout	5,238	807	22.4%
Total	**5,238**	**3,600**	**100.0%**

TREATMENT

A similar analysis can be prepared for treatment capacity. Based on the analysis contained in the Master Plan, the reliable Park City peak day treatment capacity is 7,538 gpm.[1] Existing peak day culinary demand has been calculated as 6,835 gpm.

Several years ago, Park City was approaching the limit of its existing treatment capacity. To prepare for the future, the City secured additional capacity through the construction of the Quinns Water Treatment Plant (WTP). All treatment capacity in other sources is now completely consumed by existing demand, but some available capacity does still exist in the Quinns WTP. Thus, for the purpose of considering excess capacity, treatment capacity needs to be divided between Quinns WTP and other sources.

The treatment capacity of all sources except Quinns is equal to 5,455 gpm. If this is subtracted from existing demands, this leaves 1,380 gpm of demand to be satisfied from the Quinns WTP. The treatment capacity of Quinns WTP is 2,083 gpm. If existing demand is subtracted from this total, there is 703 gpm of available capacity to satisfy future demands. Calculated use of this capacity by existing and future growth is summarized in Table 4-2. As summarized in the table, growth in the next 10-years will use 33.7 percent of the available capacity in the Quinns WTP.

[1] It should be noted that this includes the capacity of the Judge Tunnel. While the Judge Tunnel is not currently in service, this has been considered a deficiency on an existing supply and has been included in the treatment capacity of existing sources. Existing users will be responsible for paying the full cost of bringing this source back into the system.

Table 4-2
Excess Quinns WTP Treatment Capacity

	Peak Day Demand in Excess of Other Sources (gpm)	Use of Existing Facilities (gpm)	Percent Use of Existing Facilities
Existing	1,380	1,380	66.3%
End of 10-yr Planning Window (2023)	2,565	703	33.7%
Buildout	5,010	--	0.0%
Total	**5,010**	**2,083**	**100.0%**

STORAGE

Park City owns and operates a large number of storage reservoirs. As identified in the master plan, two storage areas of the city have existing deficiencies. This includes the Silver Lake storage area (Silver Lake Tank and North Lake Flat Tank) and the Woodside/Neck storage area (Woodside Tank and proposed connection to the Neck Tank). Because they have existing deficiencies, these areas have no excess capacity for future growth. There is also the Park City Heights area of proposed development that cannot be serviced by any existing storage and will require its own new storage facilities. Outside of these three areas, however, all other new growth will be serviced using excess storage in existing reservoirs.

The projected use of excess capacity in the existing storage reservoirs without deficiencies is summarized in Table 4-3. For the purposes of this calculation, only equalization storage is shown. Since both existing and future users will benefit from fire flow and emergency storage, using the percentages shown in the table divides these components proportionally based on demand. It should be emphasized that the values shown in the table do not include storage associated with the Woodside, Neck, Silver Lake, or North Lake Flat Tanks. This will need to be taken into account in the calculation of final impact fees. As summarized in the table, growth in the next 10-years will use 11.4 percent of the available excess storage capacity outside the four tanks identified above.

Table 4-3
Excess Storage Capacity

	Equalization Storage Requirement (gallons)	Use of Existing Facilities (gallons)	Percent Use of Existing Facilities
Existing	3,639,200	3,639,200	65.1%
End of 10-yr Planning Window (2023)	4,277,631	638,431	11.4%
Buildout	5,594,900	1,317,269	23.5%
Total	**5,594,900**	**5,594,900**	**100.0%**

TRANSMISSION

To calculate the percentage of existing capacity to be used by future growth in existing facilities, existing and future flows were examined in the system model for each transmission pipeline. For the purposes of this analysis, transmission pipelines have been defined as all pipelines larger than 8 inches in diameter and represent the system level pipeline improvements in the City. A summary of the results of this analysis are contained in the appendix of this report. The method used to calculate excess capacity available for use by future flows is as follows:

- **Calculate Flows –** The peak flow in each facility was calculated in the model for both existing and future flows. The maximum capacity of each facility was also calculated. Defining an absolute maximum capacity in water system facility is difficult because capacity is a function of both pipeline size (with corresponding velocity) and required delivery pressure. In water distribution systems, however, a common design guideline is to limit velocities to less than 7 ft/sec. This has been used as the definition for maximum capacity in this analysis.
- **Identify Available Capacity –** Where a facility has capacity in excess of projected flows at buildout, the available capacity in the facility was defined as the difference between existing flows and buildout flows. Where the facility has capacity less than projected flows at buildout, the available capacity in the facility was defined as the difference between existing flows and the facility's maximum capacity.
- **Calculate Percent of Excess Capacity Used in Existing Facilities –** The projected growth in flow was compared against the facility's available capacity. Where the future flow exceeded the capacity of the facility, the available excess capacity was calculated by dividing the remaining capacity (total capacity less existing flow) by the total available capacity. Where the future flow was less than the capacity of the facility, the percent of excess capacity being used in each facility was calculated by dividing the growth in flow in the facility (future flow less existing flow) by the total available capacity. If reimbursement agreements exist, facilities under these agreements should be removed from the calculation since payment for excess capacity in these facilities will be dictated by agreement and will be considered as part of the impact fee analysis.

- **Calculate Excess Capacity for the System as a Whole –** Each pipeline in the system has a different quantity of excess capacity to be used by future growth. To develop an estimate of excess capacity on a system wide basis, the capacities of each of these pipelines and their contribution to the system as a whole must be considered. To do this, each pipeline must first be weighted based on its contribution to system. For this purpose, each pipeline has been weighted based on the estimated cost of the pipeline. The excess capacity in the system as a whole can then be calculated as the sum of the weighted capacity used by future growth divided by the sum of total weighted capacity in the system.

Based on the method described above, the calculated percentage of existing capacity used by all future growth is 22.9 percent, with 7.5 percent being used during the 10-year planning window.

SECTION 5
DEMANDS PLACED ON FACILITIES BY NEW DEVELOPMENT (11-36A-302.1.A.IV)

Growth and new development in Park City is discussed in Chapter 2 the City's master plan. These growth projections are predominantly based on the most recent version of growth projections developed by the Snyderville Basin Water Reclamation District (SBWRD). These projections were developed by the SBWRD by examining each individual parcel and determining its potential for development. These projections include consideration of developable area, zoning, the nature of surrounding development, designated open space and other factors. As noted in the master plan, these projections have been updated to include some additional density in the Bonanza Park, Park City Mountain Resort Base, and Empire Pass areas to reflect recent City planning modifications. Future demands as projected in the master plan are shown in Table 5-1.

Table 5-1
Projected Potable Peak Day Demand

	Peak Day Demand (gpm)
Existing	6,835
2015	6,980
2020	7,488
2023	8,020
2030	9,470
2040	10,288
2050	10,390
Buildout	10,465

It should be emphasized that demands contained in the table are potable demands only. They do not include existing outdoor secondary demands at Park City's two golf courses. Peak day demands at the golf courses are estimated to be 1,389 gpm. The demands in the table also do not include demands associated with the Quinns Sports Complex, Quinns Fields, North 40, and Prospector Park properties. These properties have historically been irrigated from culinary sources but will be moved to secondary irrigation. Peak instantaneous demands associated with these properties are estimated to be 546 gpm. However, irrigation at peak rates only occurs over a limited portion of the day. Based on historic water use records, removal of these properties will reduce Citywide peak day demands by 228 gpm.

Projected growth in peak day demand is 1,185 gpm over the next 10 years, and 3,630 gpm through buildout.

SECTION 6
INFRASTRUCTURE REQUIRED TO MEET DEMANDS OF NEW DEVELOPMENT (11-36A-302.1.A.V)

To satisfy the requirements of state law, demand placed upon existing system facilities by future development was projected using the process outlined below. Each of the steps was completed as part of this plan's development. More description of the methodology used in the process outlined below can be found in the City's master plan.

1. **Existing Demand** – The demand existing development places on the City's system was estimated based on historic water use and flow records.
2. **Existing Capacity** – The capacities of existing system collection facilities were estimated using size data provided by the District and a hydraulic computer model. The capacities of existing production and pumping facilities were taken design documents and historic records.
3. **Existing Deficiencies** – Existing deficiencies in the system were looked for by comparing defined levels of service against calculated capacities.
4. **Future Demand** - The demand future development will place on the system was estimated based on development projections as discussed in Section 5.
5. **Future Deficiencies** - Future deficiencies in the collection system were identified using defined level of service and results from the computer model.
6. **Recommended Improvements** – Needed system improvements were identified to remedy existing deficiencies and meet demands associated with future development.

The steps listed above describe the "demands placed upon existing public facilities by new development activity at the proposed level of service; and… the means by which the political subdivision or private entity will meet those growth demands" (Section 11-36a-302-1.a of the Utah Code).

10-YEAR IMPROVEMENT PLAN

In the master plan, capital facility projects needed to provide service to various parts of the City at projected buildout were identified. Most of these projects will need to be constructed in phases as development occurs. Only infrastructure to be constructed within a ten-year horizon will be considered in the calculation of these impact fees to avoid uncertainty surrounding improvements further into the future. Table 6-1 summarizes the components of projects identified in the master plan that will need to be constructed within the next ten years. Details associated with the costs used for each project are contained in the master plan.

Table 6-1
Summary of Future Water Infrastructure Projects

Name	Total Cost – 2014 Dollars	Percent to Existing	Percent to 10-yr Growth	Percent to Beyond 10 Year	Percent Project Level
PRV Improvements for Fire Flow Storage Access	$759,000	100.0%	0.0%	0.0%	0.0%
C5 - West Neck Tank - Phase 1 - Design	$150,000	65.3%	11.3%	23.4%	0.0%
C5 - West Neck Tank - Phase 2A - Tank Construction	$3,450,000	65.3%	11.3%	23.4%	0.0%
C3 - Quinn's Pump Station to PCH/Fairway Hills Tank	$385,600	32.2%	5.6%	11.5%	50.8%
C3 - Quinn's WTP to Park City Heights	$1,022,900	0.0%	0.0%	0.0%	100.0%
Park City Heights Tank	$690,000	0.0%	0.0%	0.0%	100.0%
Auxiliary Power Improvements	$172,500	65.3%	11.3%	23.4%	0.0%
C5 - West Neck Tank - Phase 2B - Pipelines	$1,414,040	65.3%	11.3%	23.4%	0.0%
SCADA System Upgrade	$1,000,000	100.0%	0.0%	0.0%	0.0%
Quinn's Treatment Plant Capacity Upgrade	$3,002,000	0.0%	23.1%	76.9%	0.0%
Quinn's Treatment Plant Dewatering Improvements	$2,509,000	33.1%	28.5%	38.4%	0.0%
C9 - Fairway Hills to Park Meadows Redundancy	$73,600	65.3%	11.3%	23.4%	0.0%
C5 - Three Kings / Silver King Pump Station	$956,100	65.3%	11.3%	23.4%	0.0%
C8 - Queen Esther Drive	$577,000	100.0%	0.0%	0.0%	0.0%
C7 - Neck Tank to Last Chance	$269,800	100.0%	0.0%	0.0%	0.0%
C1 - Quinn's WTP to Boothill - Phase 1A	$926,300	7.2%	30.3%	62.5%	0.0%
C1 - Quinn's WTP to Boothill - Phase 1B	$926,300	7.2%	30.3%	62.5%	0.0%
C2 - Quinn's WTP to Chatham	$296,300	49.2%	16.6%	34.2%	0.0%
Silver Lake Tank II	$2,012,500	65.3%	11.3%	23.4%	0.0%
Total	**$20,592,940**				

PROJECT COST ATTRIBUTABLE TO FUTURE GROWTH

To satisfy the requirements of state law, Table 6-1 provides a breakdown of the capital facility projects and the percentage of the project costs attributed to existing and future users. If

applicable, the table also identifies if any of the improvements are project level improvements and will be paid for directly by development. As defined in Section 11-36-304, the impact fee facilities plan should only include "the proportionate share of the costs of public facilities [that] are reasonably related to the new development activity." While many of the projects identified in the table are required solely to meet future growth, some projects also provide a benefit to existing users. Projects that benefit existing users include those projects addressing existing capacity needs and maintenance related projects.

For most projects, the division of costs between existing and future users is easy because 100 percent of the project costs can be attributed to one category or the other (e.g. infrastructure needed solely to serve new development can be 100 percent attributed to new growth, while projects related to existing condition or capacity deficiencies can be 100 percent attributed to existing user needs). For projects needed to address both existing deficiencies and new growth or where a higher level of service is being proposed, costs have been divided proportionally between existing and future users based on their needs in the facility. These percentages have been calculated based on flows in each facility as calculated in the hydraulic model. A few additional notes regarding specific projects are as follows:

- C1: Quinns WTP to Boothill – This replacement pipeline is being added to provide additional capacity for new growth associated with the expansion of the Quinn's WTP. Thus, the costs of a new pipeline with capacity as required to service growth have been calculated and assigned completely to new users. However, to avoid having multiple pipelines in the same corridor, the improvement plan calls for upsizing the new pipeline and abandoning an existing pipeline in the corridor. The costs of upsizing the pipeline above what is required for growth has been assigned to existing users.
- C2: Quinns WTP to Chatham – This new pipeline will remedy an existing deficiency and provide future capacity for growth. Costs of the pipeline have been divided proportionally between existing and future users based on their use in the pipeline as calculated in the hydraulic model.
- C3: Park City Heights Pipeline and Pump Station – The pipeline associated with this project services a single development outside the historic service area. As a result, it has been identified as a project level improvement and is not included in the impact fee calculation. However, the pump station associated with this project will include some additional capacity for redundancy. This additional capacity for redundancy represents an increase in level of service, and existing users will need to pick up their portion of cost. Thus, the first 812 gpm of capacity at the pump station has been assigned completely to growth, with the remaining 788 gpm divided between existing and future users based on their respective proportions of future demand.
- C4: Spiro WTP Conveyance – This improvement is outside the ten-year window and has not been included in the impact fee facilities plan.
- C5: West Neck Tank Conveyance – This improvement is required as part of the new West Neck storage improvements. Costs have correspondingly been divide using the same ratios as calculated for the new tank.
- C6: Additional Storage Conveyance – There are no costs associated with this

improvement.

- C7: Neck Tank to Last Chance – This project is being primarily motivated by an existing deficiency and has been assigned completely to existing users.
- C8: Queen Ester Drive – This project is being primarily motivated by an existing deficiency and has been assigned completely to existing users.
- C9: Fairway Hills to Park Meadows Redundancy – This improvement has been recommended primarily to increase redundancy from Quinn's WTP. As a result it represents an increase in level of service and costs have been divided between existing and future users based on their respective proportions of future demand.
- FF and HE – Fire flow and high elevation issues identified in the master plan are proposed primarily to remedy existing deficiencies. No costs associated with these projects have been assigned to new growth.
- Park City Heights Tank – This tank services a single development outside the historic service area. As a result, this has been identified as a project level improvement and is not included in the impact fee calculation.
- Silver Lake II Tank – This new tank will remedy an existing deficiency and provide future capacity for growth. Costs of the tank have been divided proportionally between existing and future users based on their calculated use of storage.
- West Neck Tank – Division of costs for this new tank is complicated because the tank is being constructed for several purposes. It eliminates an existing deficiency in storage at Woodside, it provides capacity for future growth, and it improves operation of the system by reducing pumping costs and increasing operational flexibility. If costs of the tank were divided based on the use of storage to meet the existing deficiency vs. the use of storage for future growth, existing users would be responsible for approximately 40 percent of the cost. However, since the tank does provide a number of additional benefits to existing users, it seems prudent divide costs based on the tank providing an increased level of service. Therefore, costs have been divided between existing and future users based on their respective proportions of future demand (i.e. existing = 65.3 percent of costs).
- Quinns WTP Capacity Upgrade – This project will add an estimated 2,083 gpm (3 mgd) of capacity to the Quinns WTP. Based on projected demands, approximately 482 gpm will be used by growth in the next 10 years (23.1 percent), with the remaining capacity (1,601 gpm or 76.9 percent) being used after that.
- Quinns WTP Dewatering Improvements – This project will add dewatering facilities for both the existing 3 mgd of capacity at the Quinns WTP and the 3 mgd expansion (6 mgd or 4166 gpm of total capacity). This is being done to eliminate costs associated with discharging solids to the sewer system for treatment at the Snyderville Basin Water Reclamation Facility. Since this project will benefit all users, it represents an increased level of service and the costs have correspondingly been split proportionally based on use of total capacity. Based on projected demands, approximately 1380 gpm will be used by existing demands (33.1 percent), 1185 gpm will be used by growth in the next 10 years

(28.5 percent), with the remaining capacity (1,601 gpm or 38.5 percent) being used after that.

- PRV Improvements – Proposed PRV improvements are to remedy existing deficiencies. No costs associated with these projects have been assigned to new growth.
- SCADA System Upgrade – This project is primarily a replacement project for existing facilities and has been assigned completely to existing users.
- Auxiliary Power Improvements – These improvements represent increases in the level of service. Costs have been divided between existing and future users based on their respective proportions of future demand.

It should be noted that Table 6-1 does not include bond costs related to paying for impact fee eligible improvements. These costs should be added as part of the impact fee analysis.

PROJECT COST ATTRIBUTABLE TO 10-YEAR GROWTH

Included in Table 6-1 is a breakdown of capacity associated with growth both at full build-out and through the next 10-years. This is necessary because many of the projects identified in the table will be built with capacity to accommodate flows beyond the 10-year growth window. This has been done following the same general process as described above.

SECTION 7
ADDITIONAL CONSIDERATIONS

MANNER OF FINANCING (11-36A-302.2)

The City may fund the infrastructure identified in this IFFP through a combination of different revenue sources.

Federal and State Grants and Donations

Impact fees cannot reimburse costs funded or expected to be funded through federal grants and other funds that the District has received for capital improvements without an obligation to repay. Grants and donations are not currently contemplated in this analysis. If grants become available for constructing facilities, impact fees will need to be recalculated and an appropriate credit given. Any existing infrastructure funded through past grants will be removed from the system value during the impact fee analysis.

Bonds

None of the costs contained in this IFFP include the cost of bonding. The cost of bonding required to finance impact fee eligible improvements identified in the IFPP may be added to the calculation of the impact fee. This will be considered in the impact fee analysis.

Interfund Loans

Because infrastructure must generally be built ahead of growth, there often arise situations in which projects must be funded ahead of expected impact fee revenues. In some cases, the solution to this issue will be bonding. In others, funds from existing user rate revenue will be loaned to the impact fee fund to complete initial construction of the project and will be reimbursed later as impact fees are received. Consideration of potential interfund loans will be included in the impact fee analysis and should be considered in subsequent accounting of impact fee expenditures.

Impact Fees

It is recommended that impact fees be used to fund growth-related capital projects as they help to maintain the proposed level of service and prevent existing users from subsidizing the capital needs for new growth. Based on this IFFP, an impact fee analysis will be able to calculate a fair and legal fee that new growth should pay to fund the portion of the existing and new facilities that will benefit new development.

Developer Dedications and Exactions

Developer exactions are not the same as grants. Developer exactions may be considered in the inventory of current and future public safety infrastructure. If a developer constructs a facility or dedicates land within the development, the value of the dedication is credited against that particular developer's impact fee liability.

If the value of the dedication/exaction is less than the development's impact fee liability, the developer will owe the balance of the liability to the District. If the value of the improvements dedicated is worth more than the development's impact fee liability, the District must reimburse the difference to the developer from impact fee revenues collected from other developments.

It should be emphasized that the concept of impact fee credits pertains to system level improvements only. For project level improvement (i.e. projects not identified in the impact fee facility plan), developers will be responsible for the construction of the improvements without credit against the impact fee.

NECESSITY OF IMPROVEMENTS TO MAINTAIN LEVEL OF SERVICE (11-36A-302.3)

According to State statute, impact fees cannot be used to correct deficiencies in the system and must be necessary to maintain the proposed level of service established for all users. Only those projects or portions of projects that are required to maintain the proposed level of service for future growth have been included in this IFFP. This will result in an equitable fee as future users will not be expected to fund any portion of the projects that will benefit existing residents.

SCHOOL RELATED INFRASTRUCTURE (11-36A-302.2)

As part of the noticing and data collection process for this plan, information was gathered regarding future school district and charter school development. Where the City is aware of the planned location of a school, required public facilities to serve the school have been included in the impact fee.

NOTICING AND ADOPTION REQUIREMENTS (11-36A-502)

The Impact Fees Act requires that entities must publish a notice of intent to prepare or modify any IFFP. If an entity prepares an independent IFFP rather than include a capital facilities element in the general plan, the actual IFFP must be adopted by enactment. Before the IFFP can be adopted, a reasonable notice of the public hearing must be published in a local newspaper at least 10 days before the actual hearing. A copy of the proposed IFFP must be made available in each public library within the City during the 10-day noticing period for public review and inspection. Utah Code requires that the City must post a copy of the ordinance in at least three places. These places may include the City offices and the public libraries within the City's jurisdiction. Following the 10-day noticing period, a public hearing will be held, after which the City may adopt, amend and adopt, or reject the proposed IFFP.

SECTION 8
IMPACT FEE CERTIFICATION (11-36A-306.1)

This report has been prepared in accordance with Utah Code Title 11 Chapter 36a (the "Impact Fees Act"), which prescribes the laws pertaining to Utah municipal capital facilities plans and impact fee analyses. The accuracy of this report relies upon the planning, engineering, and other source data, which was provided by the City and their designees.

In accordance with Utah Code Annotated, 11-36a-306(1), Bowen Collins & Associates, makes the following certification:

I certify that this impact fee facility plan:

1. Includes only the cost of public facilities that are:
    a. allowed under the Impact Fees Act; and
    b. actually incurred; or
    c. projected to be incurred or encumbered within six years after the day on which each impact fee is paid;
2. Does not include:
    a. costs of operation and maintenance of public facilities;
    b. cost of qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents;
    c. an expense for overhead, unless the expense is calculated pursuant to a methodology that is consistent with generally accepted cost accounting practices and the methodological standards set forth by the federal Office of Management and Budget for federal grant reimbursement; and
3. Complies in each relevant respect with the Impact Fees Act.

This certification is made with the following caveats:

1. All of the recommendations for implementations of the Impact Fee Facilities Plan (IFFP) made in the IFFP or in the impact fee analysis are followed in their entirety by the City.
2. If all or a portion of the IFFP or impact fee analysis is modified or amended, this certification is no longer valid.
3. All information provided in the preparation of this IFFP is assumed correct, complete, and accurate. This includes information provided by the City and outside sources.

APPENDIX
FUTURE USE OF EXCESS CAPACITY

Future Use of Excess Capacity

ID	Length (ft)	Diameter (in)	Existing Flow (gpm)	Future Flow (gpm)	Max Flow at 7 ft/sec (gpm)	% Excess Capacity	Weighting Value	Excess Capacity Weighting
11	48.91	12	0	0	2468	0.0%	$8,353	$0
21	130.43	10	448	450	1714	0.6%	$20,669	$121
25	1,352.18	12	0	0	2468	0.0%	$230,922	$0
37	58.83	12	30	14	2468	0.0%	$10,047	$0
49	134.47	14	1583	1872	3359	15.4%	$24,748	$3,816
59	1,021.66	12	1643	1648	2468	0.3%	$174,476	$528
61	120.22	12	3	5	2468	47.6%	$20,531	$9,766
65	883.99	10	259	320	1714	19.1%	$140,085	$26,757
87	2,040.63	10	679	683	1714	0.6%	$323,377	$2,055
89	1,995.40	10	679	683	1714	0.6%	$316,210	$2,009
95	122.12	10	1	1	1714	0.0%	$19,352	$0
99	473.6	12	385	737	2468	47.7%	$80,880	$38,581
103	873.58	12	446	814	2468	45.2%	$149,188	$67,479
107	215.64	12	466	834	2468	44.1%	$36,826	$16,258
111	273.28	12	151	228	2468	33.8%	$46,670	$15,784
113	204	12	143	217	2468	34.1%	$34,839	$11,872
129	581.2	12	0	0	2468	0.0%	$99,256	$0
155	311.25	12	28	28	2468	0.0%	$53,154	$19
157	178.35	12	17	17	2468	0.0%	$30,458	$0
159	195.95	12	20	20	2468	0.0%	$33,464	$0
161	753.39	16	31	31	4387	0.0%	$149,424	$0
173	468.06	10	20	25	1714	19.7%	$74,173	$14,611
175	149.18	12	1353	1260	2468	0.0%	$25,477	$0
193	455.93	10	243	1069	1714	77.3%	$72,251	$55,858
195	352.62	10	474	1208	1714	60.8%	$55,879	$33,949
213	69.34	12	2	2	2468	0.0%	$11,842	$0
215	68.59	12	1146	836	2468	0.0%	$11,714	$0
217	167.39	20	2959	309	6854	0.0%	$38,557	$0
221	138.72	10	822	821	1714	0.0%	$21,983	$0
225	2,952.19	16	1157	847	4387	0.0%	$585,524	$0
227	3,001.53	12	1738	1734	2468	0.0%	$512,593	$0
229	231.44	12	490	1428	2468	65.7%	$39,525	$25,964
231	1,204.88	20	3540	1196	6854	0.0%	$277,533	$0
233	152.56	12	2387	2440	2468	2.1%	$26,054	$558
237	1,263.45	12	2387	2440	2468	2.1%	$215,769	$4,620
239	603.22	12	2387	2440	2468	2.1%	$103,016	$2,206
241	94.07	12	2387	2440	2468	2.1%	$16,065	$344
243	1,163.37	12	2387	2440	2468	2.1%	$198,677	$4,254
247	104.2	12	2387	2440	2468	2.1%	$17,795	$381
251	42.11	12	2387	2440	2468	2.1%	$7,191	$154
255	1,566.72	10	1000	1000	1714	0.0%	$248,277	$0
259	5,203.12	10	534	533	1714	0.0%	$824,535	$0

ID	Length (ft)	Diameter (in)	Existing Flow (gpm)	Future Flow (gpm)	Max Flow at 7 ft/sec (gpm)	% Excess Capacity	Weighting Value	Excess Capacity Weighting
261	716.89	10	534	533	1714	0.0%	$113,605	$0
263	745	10	534	533	1714	0.0%	$118,060	$0
267	3,882.94	10	622	1071	1714	41.9%	$615,327	$257,863
319	619.78	10	35	69	1714	49.0%	$98,216	$48,079
337	1,688.22	12	571	571	2468	0.0%	$288,310	$0
339	2,437.33	12	429	429	2468	0.0%	$416,241	$0
341	434.44	12	429	429	2468	0.0%	$74,193	$0
343	2,907.59	12	1000	1000	2468	0.0%	$496,551	$0
347	702.61	12	44	1304	2468	96.6%	$119,990	$115,953
349	2,763.71	12	136	884	2468	84.6%	$471,979	$399,457
351	1,044.09	12	133	886	2468	85.0%	$178,307	$151,521
353	917.59	12	3	6	2468	54.3%	$156,704	$85,045
355	547.03	12	345	404	2468	14.7%	$93,420	$13,721
357	622.16	12	38	215	2468	82.2%	$106,251	$87,323
377	1,254.24	12	34	733	2468	95.3%	$214,196	$204,229
385	2,790.90	16	2110	0	4387	0.0%	$553,535	$0
393	307.91	12	1271	1271	2468	0.0%	$52,584	$0
395	25.95	12	915	913	2468	0.0%	$4,432	$0
397	22.01	12	822	821	2468	0.0%	$3,759	$0
399	62.38	12	1034	947	2468	0.0%	$10,653	$0
403	11.38	12	446	814	2468	45.2%	$1,943	$879
405	526.61	10	113	213	1714	47.3%	$83,452	$39,431
407	294.51	10	534	533	1714	0.0%	$46,671	$0
413	37.05	12	2387	2440	2468	2.1%	$6,327	$135
415	108.93	12	0	0	2468	0.0%	$18,603	$0
417	499.12	12	2387	2440	2468	2.1%	$85,238	$1,825
419	301.24	10	534	533	1714	0.0%	$47,737	$0
421	301.79	12	333	601	2468	44.5%	$51,539	$22,941
425	68.43	12	0	0	2468	0.0%	$11,686	$0
429	48.67	10	344	194	1714	0.0%	$7,713	$0
433	152.12	10	0	0	1714	0.0%	$24,106	$0
435	157.4	12	466	834	2468	44.1%	$26,880	$11,867
437	124.55	12	156	237	2468	34.0%	$21,270	$7,235
439	1,198.49	10	534	533	1714	0.0%	$189,924	$0
441	379.64	12	122	195	2468	37.8%	$64,834	$24,528
443	273.41	12	122	194	2468	37.3%	$46,692	$17,420
445	267.74	12	68	109	2468	38.1%	$45,724	$17,406
447	650.31	12	68	107	2468	37.1%	$111,058	$41,233
449	495.9	12	64	104	2468	38.3%	$84,688	$32,474
451	583.13	12	36	76	2468	52.4%	$99,585	$52,137
453	792.11	12	36	43	2468	15.6%	$135,274	$21,081
455	843.39	12	22	15	2468	0.0%	$144,032	$0
457	541.96	10	2	14	1714	83.2%	$85,884	$71,460
459	117.33	10	10	24	1714	57.9%	$18,593	$10,764

ID	Length (ft)	Diameter (in)	Existing Flow (gpm)	Future Flow (gpm)	Max Flow at 7 ft/sec (gpm)	% Excess Capacity	Weighting Value	Excess Capacity Weighting
461	512.78	10	28	43	1714	34.1%	$81,260	$27,721
465	111.88	10	10	24	1714	57.4%	$17,730	$10,175
467	504.07	10	28	28	1714	0.0%	$79,880	$0
469	658.77	10	6	6	1714	1.5%	$104,395	$1,533
471	425.38	10	42	60	1714	29.2%	$67,410	$19,672
473	259.59	10	43	63	1714	32.0%	$41,137	$13,145
475	279.76	10	45	75	1714	40.0%	$44,333	$17,736
477	355.71	10	54	85	1714	36.5%	$56,369	$20,557
479	741.39	10	0	0	1714	0.0%	$117,488	$0
487	4,734.65	10	482	397	1714	0.0%	$750,297	$0
529	252.59	10	1136	1220	1714	6.9%	$40,028	$2,774
531	119.03	10	242	268	1714	9.7%	$18,863	$1,826
535	847.25	16	2110	0	4387	0.0%	$168,040	$0
541	1,903.49	12	2387	2440	2468	2.1%	$325,073	$6,961
561	356.63	12	0	12	2468	100.0%	$60,904	$60,904
563	2,132.76	12	38	226	2468	83.1%	$364,227	$302,686
565	400	12	7	183	2468	96.3%	$68,311	$65,757
567	461.71	12	15	314	2468	95.3%	$78,850	$75,128
569	1,248.51	12	17	339	2468	95.1%	$213,217	$202,764
571	212	12	25	61	2468	58.6%	$36,205	$21,210
573	222.07	12	22	132	2468	83.5%	$37,925	$31,686
575	1,739.87	12	1	36	2468	97.3%	$297,130	$289,066
577	411.83	12	4	79	2468	95.2%	$70,331	$66,979
601	1,195.51	16	0	0	4387	0.0%	$237,112	$0
609	992.31	20	1351	5980	6854	77.4%	$228,570	$176,940
611	785.45	10	463	11	1714	0.0%	$124,470	$0
613	1,045.30	12	19	86	2468	78.1%	$178,514	$139,483
615	8.77	10	19	86	1714	78.1%	$1,390	$1,086
617	2,355.89	10	10	62	1714	83.3%	$373,336	$311,054
619	10.48	12	149	204	2468	26.9%	$1,790	$481
621	1,740.70	10	19	83	1714	77.3%	$275,847	$213,108
627	1,121.77	12	1	1216	2468	99.9%	$191,573	$191,414
635	127.2	12	67	67	2468	0.0%	$21,723	$0
649	39.77	10	248	278	1714	10.9%	$6,302	$687
651	384.38	10	250	281	1714	10.8%	$60,912	$6,579
655	24.99	10	898	890	1714	0.0%	$3,960	$0
657	1,930.23	12	1	1216	2468	99.9%	$329,640	$329,366
665	1,124.76	12	1	1216	2468	99.9%	$192,084	$191,926
671	230.21	24	1351	8656	9870	84.4%	$61,584	$51,973
675	136	10	31	65	1714	51.8%	$21,552	$11,164
763	3,894.56	20	1351	5980	6854	77.4%	$897,077	$694,443
785	145.15	12	0	0	2468	0.0%	$24,788	$0
787	393.53	20	1351	5980	6854	77.4%	$90,646	$70,171
789	134	12	1	1459	2468	99.9%	$22,884	$22,868

ID	Length (ft)	Diameter (in)	Existing Flow (gpm)	Future Flow (gpm)	Max Flow at 7 ft/sec (gpm)	% Excess Capacity	Weighting Value	Excess Capacity Weighting
791	290.12	12	0	0	2468	0.0%	$49,546	$0
793	1,704.55	12	1	1459	2468	99.9%	$291,099	$290,899
231B	283.72	16	1152	1244	4387	7.4%	$56,272	$4,145
P-100	537.37	12	867	772	2468	0.0%	$91,771	$0
P-1000	105	12	423	424	2468	0.2%	$17,932	$36
P101	573.79	10	679	683	1714	0.6%	$90,928	$576
P-101	260.46	10	144	108	1714	0.0%	$41,275	$0
P-1022	49.63	12	87	88	2468	1.5%	$8,476	$126
P-1026	146.55	12	253	253	2468	0.0%	$25,027	$0
P-103	132.44	10	251	191	1714	0.0%	$20,988	$0
P-1034	59.93	12	867	772	2468	0.0%	$10,235	$0
P-1040	221.45	12	1159	1064	2468	0.0%	$37,819	$0
P-1050	82.07	10	206	137	1714	0.0%	$13,006	$0
P-1054	148.4	10	211	141	1714	0.0%	$23,517	$0
P-1056	168.23	10	223	154	1714	0.0%	$26,659	$0
P-1057	134.85	10	101	68	1714	0.0%	$21,370	$0
P-106	1,054.16	10	41	47	1714	12.0%	$167,052	$20,035
P107	125.17	10	679	683	1714	0.6%	$19,836	$126
P-107	494.55	12	41	35	2468	0.0%	$84,458	$0
P-109	145.79	10	277	217	1714	0.0%	$23,103	$0
P-1090	99.08	10	463	385	1714	0.0%	$15,701	$0
P-110	72.8	10	192	282	1714	31.7%	$11,537	$3,660
P-1121	768.69	10	190	263	1714	27.9%	$121,814	$33,926
P-113	402.92	10	86	130	1714	33.9%	$63,850	$21,626
P-1130	358.95	10	166	203	1714	18.2%	$56,883	$10,367
P-114	742.53	10	90	138	1714	34.6%	$117,668	$40,686
P-116	821.99	10	67	112	1714	40.3%	$130,260	$52,469
P117	55.37	12	607	662	2468	8.4%	$9,456	$793
P-118	67.63	10	190	271	1714	30.1%	$10,717	$3,222
P119	351.27	10	342	303	1714	0.0%	$55,666	$0
P-119	338.23	10	190	271	1714	30.1%	$53,599	$16,117
P-1196	207.56	10	1643	1648	1714	0.3%	$32,892	$100
P-1198	190.77	10	61	102	1714	40.1%	$30,231	$12,115
P-121	862.36	10	190	271	1714	30.1%	$136,658	$41,093
P-122	1,322.25	10	168	229	1714	26.6%	$209,536	$55,633
P-124	786.02	12	33	43	2468	24.3%	$134,234	$32,553
P127	395.37	12	1363	984	2468	0.0%	$67,520	$0
P129	706.87	12	11	15	2468	27.7%	$120,717	$33,492
P-1292	178.67	10	1178	1182	1714	0.3%	$28,314	$87
P-1301	144.21	10	1179	1182	1714	0.3%	$22,853	$71
P131	453.23	12	15	21	2468	27.7%	$77,401	$21,464
P-136	95.18	10	88	134	1714	34.0%	$15,083	$5,122
P137	401.96	10	13	28	1714	52.3%	$63,698	$33,322
P-1372	139.3	10	61	102	1714	40.1%	$22,075	$8,856

ID	Length (ft)	Diameter (in)	Existing Flow (gpm)	Future Flow (gpm)	Max Flow at 7 ft/sec (gpm)	% Excess Capacity	Weighting Value	Excess Capacity Weighting
P-139	145.38	10	1643	1648	1714	0.3%	$23,038	$70
P-1393	65.49	10	0	0	1714	0.0%	$10,378	$0
P-1394	351.01	10	73	113	1714	36.0%	$55,624	$20,038
P-140	205.01	10	1320	1324	1714	0.3%	$32,488	$111
P141	1,061.41	10	59	96	1714	38.3%	$168,201	$64,349
P-141	4,024.03	10	1643	1648	1714	0.3%	$637,685	$1,931
P-142	112.4	10	609	602	1714	0.0%	$17,812	$0
P-143	591.89	10	476	483	1714	1.6%	$93,796	$1,484
P-1430	308.75	10	656	667	1714	1.6%	$48,927	$792
P-1436	500.4	10	687	698	1714	1.5%	$79,298	$1,228
P-1437	352.5	10	710	721	1714	1.5%	$55,860	$837
P-144	470.87	10	830	822	1714	0.0%	$74,618	$0
P-1440	253.89	10	861	855	1714	0.0%	$40,234	$0
P-1442	163.66	10	873	866	1714	0.0%	$25,935	$0
P-146	67.12	10	42	72	1714	41.5%	$10,636	$4,419
P-1480	162.69	10	840	833	1714	0.0%	$25,781	$0
P-156	167.07	10	170	249	1714	31.8%	$26,475	$8,426
P-167	270.24	10	63	48	1714	0.0%	$42,825	$0
P-168	989.85	10	52	35	1714	0.0%	$156,861	$0
P-180	987.34	12	340	341	2468	0.2%	$168,615	$317
P-190	731.89	12	36	36	2468	0.0%	$124,990	$0
P-1908	373.26	10	61	102	1714	40.1%	$59,150	$23,702
P-1920	333.06	12	1036	959	2468	0.0%	$56,879	$0
P-1954	697.79	12	1140	1098	2468	0.0%	$119,167	$0
P-1956	350.62	12	972	916	2468	0.0%	$59,878	$0
P-1962	554.59	12	670	731	2468	8.4%	$94,711	$7,909
P197	1,585.58	12	33	367	2468	91.0%	$270,781	$246,405
P199	1,324.68	10	1	36	1714	97.3%	$209,921	$204,224
P201	3,369.27	10	1643	1648	1714	0.3%	$533,926	$1,617
P-201	407.81	12	150	164	2468	8.8%	$69,645	$6,103
P203	123.45	10	1643	1648	1714	0.3%	$19,563	$59
P-203	225.04	10	150	164	1714	8.8%	$35,662	$3,126
P-204	73.83	10	15	80	1714	81.8%	$11,700	$9,573
P-205	1,438.32	10	688	749	1714	8.2%	$227,930	$18,640
P-2056	384.14	10	132	81	1714	0.0%	$60,874	$0
P-206	346.86	10	699	760	1714	8.1%	$54,967	$4,447
P-207	811.23	10	733	798	1714	8.2%	$128,555	$10,517
P-208	124.29	10	364	393	1714	7.4%	$19,696	$1,461
P-215	399.9	10	370	399	1714	7.3%	$63,372	$4,628
P-2150	146.29	10	378	407	1714	7.2%	$23,182	$1,660
P-216	157.45	10	1043	1127	1714	7.5%	$24,951	$1,876
P-217	2,214.44	10	1082	1167	1714	7.3%	$350,921	$25,661
P-2211	155.21	10	0	0	1714	0.0%	$24,596	$0
P-2229	540.23	12	679	683	2468	0.6%	$92,259	$585

ID	Length (ft)	Diameter (in)	Existing Flow (gpm)	Future Flow (gpm)	Max Flow at 7 ft/sec (gpm)	% Excess Capacity	Weighting Value	Excess Capacity Weighting
P-224	420.63	10	1210	1301	1714	7.0%	$66,657	$4,677
P-226	262.47	10	1184	1275	1714	7.2%	$41,593	$2,978
P-227	261.96	10	1127	1211	1714	6.9%	$41,513	$2,864
P-2275	977.47	10	679	683	1714	0.6%	$154,899	$982
P-229	653.08	10	1140	1225	1714	6.9%	$103,493	$7,173
P-2311	100.99	10	1069	1124	1714	4.9%	$16,004	$784
P-240	936.76	10	664	720	1714	7.7%	$148,448	$11,467
P-2400	487.08	12	5	9	2468	38.0%	$83,182	$31,571
P-2404	164.23	14	2215	2355	3359	5.9%	$30,225	$1,796
P-241	493.42	10	637	692	1714	8.0%	$78,192	$6,279
P-251	153.47	10	679	683	1714	0.6%	$24,320	$154
P-252	300.64	10	72	21	1714	0.0%	$47,642	$0
P-253	477.06	10	52	19	1714	0.0%	$75,599	$0
P-255	82.62	10	126	75	1714	0.0%	$13,093	$0
P-256	1,344.82	10	135	84	1714	0.0%	$213,113	$0
P27	19.81	20	1351	5980	6854	77.4%	$4,563	$3,532
P-275	1,263.79	10	679	683	1714	0.6%	$200,272	$1,270
P-277	629.13	10	61	102	1714	40.1%	$99,698	$39,954
P-282	286.31	12	1361	977	2468	0.0%	$48,895	$0
P-307	1,927.98	12	1355	1262	2468	0.0%	$329,255	$0
P-309	537.43	10	202	147	1714	0.0%	$85,166	$0
P-310	905.18	10	828	973	1714	14.8%	$143,443	$21,276
P-317	435.55	10	235	246	1714	4.5%	$69,021	$3,124
P-320	461.16	10	18	25	1714	27.1%	$73,080	$19,820
P-324	391.08	10	21	44	1714	53.1%	$61,974	$32,901
P-327	875.53	10	267	279	1714	4.3%	$138,745	$5,969
P-33	365.39	14	2215	2357	3359	6.0%	$67,247	$4,057
P-330	1,937.57	10	866	806	1714	0.0%	$307,045	$0
P-3308	84.11	12	898	890	2468	0.0%	$14,364	$0
P-331	170.66	12	41	29	2468	0.0%	$29,145	$0
P-341	440.89	10	187	193	1714	3.3%	$69,868	$2,283
P-356	1,161.43	12	1626	1400	2468	0.0%	$198,346	$0
P-360	398.73	10	1936	1589	1714	0.0%	$63,186	$0
P-364	111.63	14	233	276	3359	15.5%	$20,545	$3,191
P-367	741.99	10	370	1312	1714	71.8%	$117,583	$84,396
P-369	242.83	10	398	1284	1714	69.0%	$38,481	$26,550
P-372	335	10	321	1113	1714	71.2%	$53,087	$37,786
P-373	263.22	10	493	1189	1714	58.5%	$41,712	$24,414
P-375	475.22	12	14	14	2468	0.0%	$81,157	$0
P-377	285.11	16	28	28	4387	0.0%	$56,547	$21
P-378	812.31	16	38	38	4387	0.0%	$161,110	$0
P-379	180.96	16	9	9	4387	0.0%	$35,891	$0
P-380	186.74	12	82	82	2468	0.0%	$31,891	$4
P-397	562.73	12	380	658	2468	42.2%	$96,102	$40,543

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P-405	1,246.58	10	825	835	1714	1.3%	$197,545	$2,582
P-418	360.04	10	825	835	1714	1.3%	$57,055	$746
P-429	1,246.74	12	679	683	2468	0.6%	$212,915	$1,350
P-433	2,133.89	12	1398	1235	2468	0.0%	$364,420	$0
P-437	1,864.69	14	392	520	3359	24.5%	$343,180	$84,226
P-448	47.41	10	248	205	1714	0.0%	$7,513	$0
P-497	36.9	10	8	13	1714	36.5%	$5,848	$2,133
P-501	440.19	10	9	17	1714	45.2%	$69,757	$31,560
P-514	70.96	12	73	72	2468	0.0%	$12,118	$0
P-518	1,171.23	10	62	72	1714	13.3%	$185,604	$24,621
P-519	128.97	10	42	52	1714	18.3%	$20,438	$3,736
P-525	353.38	12	657	674	2468	2.6%	$60,349	$1,547
P-529	814.06	12	637	694	2468	8.2%	$139,023	$11,375
P-530	102.64	12	762	609	2468	0.0%	$17,529	$0
P-535	282.99	12	0	0	2468	0.0%	$48,328	$0
P-553	48.99	12	709	413	2468	0.0%	$8,366	$0
P-554	351.1	12	712	416	2468	0.0%	$59,960	$0
P-555	402.02	12	685	646	2468	0.0%	$68,656	$0
P-556	617.19	10	30	30	1714	0.0%	$97,806	$0
P-56	716.6	10	128	214	1714	40.2%	$113,559	$45,631
P-568	176.53	12	1761	1614	2468	0.0%	$30,147	$0
P-569	386.18	12	626	826	2468	24.2%	$65,951	$15,943
P-582	862.73	12	0	0	2468	0.0%	$147,335	$0
P-587	375.88	14	1579	1867	3359	15.5%	$69,177	$10,690
P-589	510.77	14	1584	789	3359	0.0%	$94,003	$0
P-590	955.89	14	1583	790	3359	0.0%	$175,923	$0
P-594	110.26	12	662	184	2468	0.0%	$18,830	$0
P-595	135.23	12	662	184	2468	0.0%	$23,094	$0
P-598	101.17	10	358	452	1714	20.8%	$16,032	$3,331
P-6001	456.77	14	315	377	3359	16.6%	$84,065	$13,996
P-605	448.52	12	0	73	2468	100.0%	$76,597	$76,597
P61	10.75	12	0	0	2468	0.0%	$1,836	$0
P-622	111.81	10	358	448	1714	20.1%	$17,718	$3,559
P63	10.99	12	0	0	2468	0.0%	$1,877	$0
P-630	619.24	14	398	492	3359	19.1%	$113,966	$21,770
P-632	325.8	14	581	738	3359	21.3%	$59,961	$12,787
P-633	221.67	16	937	1163	4387	19.4%	$43,965	$8,535
P-634	1,316.63	16	1126	1387	4387	18.8%	$261,135	$49,035
P-636	34.15	10	358	448	1714	20.1%	$5,412	$1,087
P-639	492.82	12	302	361	2468	16.4%	$84,162	$13,840
P-643	298.53	12	271	330	2468	18.0%	$50,982	$9,158
P-645	522.97	12	430	524	2468	17.9%	$89,311	$16,018
P-649	597.95	10	407	501	1714	18.7%	$94,757	$17,762
P65	51.5	10	278	157	1714	0.0%	$8,161	$0

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P-651	453.67	10	372	466	1714	20.2%	$71,893	$14,505
P-653	189.26	14	582	739	3359	21.3%	$34,832	$7,413
P-6535	237.93	14	588	755	3359	22.1%	$43,789	$9,657
P-6550	12.2	16	1126	1387	4387	18.8%	$2,420	$454
P-6560	97.24	16	1126	1387	4387	18.8%	$19,286	$3,622
P-662	1,046.41	10	150	133	1714	0.0%	$165,824	$0
P-663	400.19	10	158	144	1714	0.0%	$63,418	$0
P-6631	142.72	14	581	736	3359	21.2%	$26,266	$5,562
P-6644	95.95	10	430	524	1714	17.9%	$15,205	$2,727
P-67	1,656.56	10	124	105	1714	0.0%	$262,514	$0
P-700	75.25	10	637	694	1714	8.2%	$11,925	$977
P-706	168.63	16	238	688	4387	65.5%	$33,445	$21,903
P-707	94.09	16	230	696	4387	66.9%	$18,661	$12,492
P73	46.91	10	161	196	1714	17.7%	$7,434	$1,313
P-735	212.46	16	1351	3319	4387	59.3%	$42,138	$24,986
P-74	101.01	10	5	5	1714	0.0%	$16,007	$0
P75	454.67	10	172	206	1714	16.8%	$72,051	$12,092
P-757	133.79	10	429	1735	1714	75.0%	$21,202	$15,895
P-761	71.69	10	358	448	1714	20.1%	$11,361	$2,282
P-767	39.23	10	358	451	1714	20.5%	$6,217	$1,277
P77	663.51	10	172	206	1714	16.8%	$105,146	$17,646
P-77	734.08	10	73	113	1714	36.0%	$116,329	$41,907
P-773	524.03	10	851	1409	1714	39.6%	$83,043	$32,881
P-7735	229.55	14	192	2099	3359	90.8%	$42,247	$38,380
P-774	163.3	16	257	733	4387	65.0%	$32,388	$21,043
P-78	371.31	10	80	122	1714	34.3%	$58,841	$20,164
P-788	1,267.51	10	259	206	1714	0.0%	$200,861	$0
P-7880	721.5	10	241	179	1714	0.0%	$114,336	$0
P79	632.15	10	172	206	1714	16.8%	$100,176	$16,811
P-79	423.89	10	79	121	1714	34.5%	$67,174	$23,203
P-790	886.39	10	97	1704	1714	94.3%	$140,466	$132,449
P-791	419.08	10	157	2064	1714	90.8%	$66,411	$60,315
P-792	426.6	10	504	1695	1714	70.2%	$67,603	$47,490
P-793	810.35	10	354	362	1714	2.2%	$128,416	$2,866
P-796	2,908.84	14	2215	2357	3359	6.0%	$535,347	$32,296
P-798	399.3	10	96	31	1714	0.0%	$63,277	$0
P-8012	278.89	12	205	459	2468	55.4%	$47,628	$26,376
P-8018	335.83	12	270	522	2468	48.4%	$57,352	$27,744
P-802	1,240.00	12	623	145	2468	0.0%	$211,764	$0
P-8030	506.22	12	180	420	2468	57.3%	$86,451	$49,508
P-8037	222.39	10	69	57	1714	0.0%	$35,242	$0
P-804	623.44	10	29	398	1714	92.7%	$98,796	$91,616
P-805	301	10	657	1286	1714	48.9%	$47,699	$23,338
P-806	913.14	10	616	876	1714	29.7%	$144,705	$42,969

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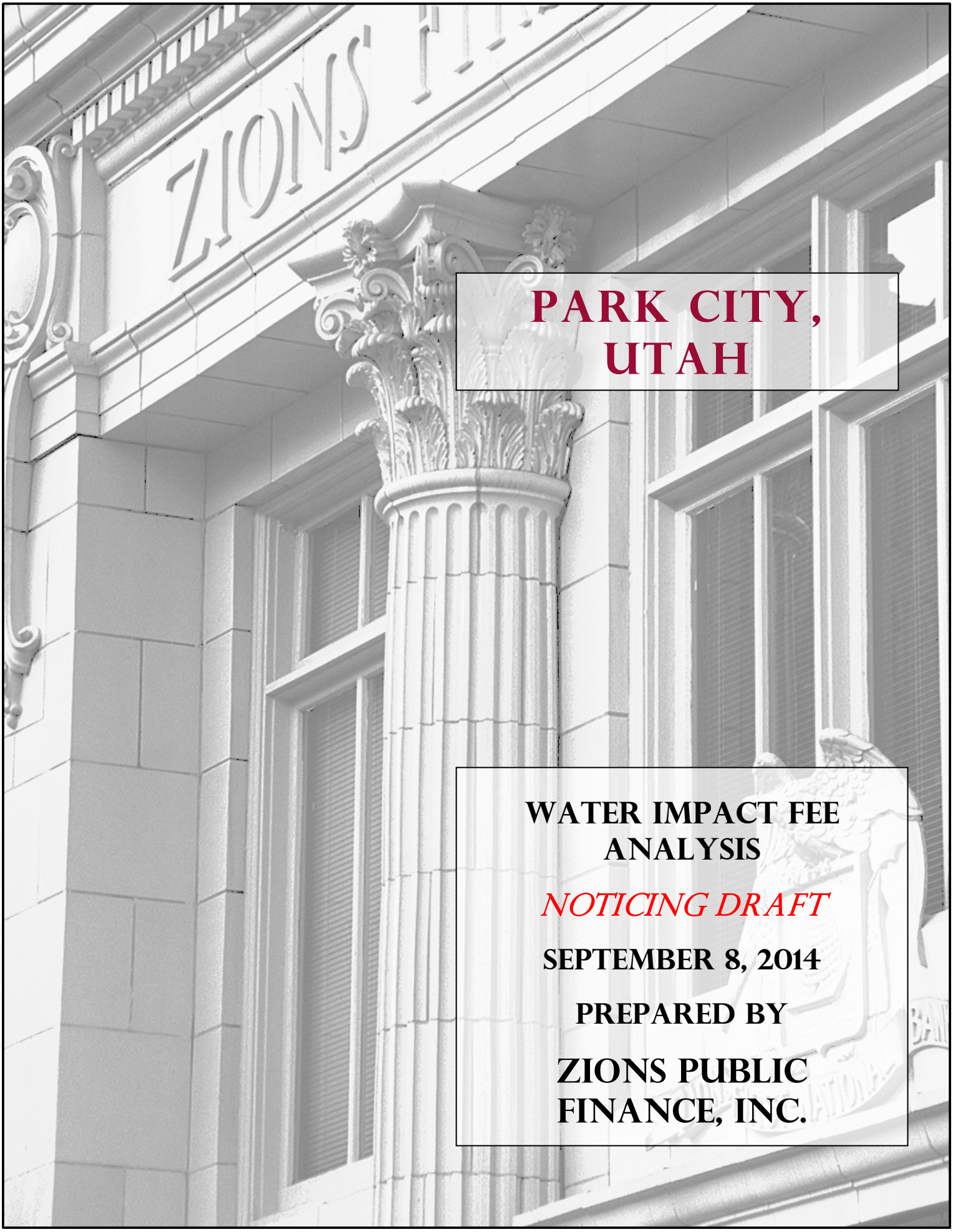
P-807	1,024.61	10	629	907	1714	30.6%	$162,369	$49,690
P-809	450.05	10	453	669	1714	32.2%	$71,319	$22,964
P81	111.71	10	189	224	1714	15.5%	$17,703	$2,740
P-813	844.15	10	8	56	1714	85.6%	$133,772	$114,550
P-816	868.36	10	42	23	1714	0.0%	$137,608	$0
P-817	166.37	12	69	57	2468	0.0%	$28,412	$0
P83	1,001.14	10	15	15	1714	0.0%	$158,650	$0
P-833	439.85	10	61	492	1714	87.6%	$69,703	$61,050
P-834	841.36	10	215	321	1714	32.8%	$133,330	$43,707
P-843	444.72	10	321	117	1714	0.0%	$70,474	$0
P85	521.88	10	7	7	1714	0.0%	$82,702	$0
P-853	706.59	12	484	181	2468	0.0%	$120,670	$0
P-855	746.2	12	502	199	2468	0.0%	$127,434	$0
P-859	1,585.64	12	1271	1271	2468	0.0%	$270,791	$2
P87	205.43	10	38	11	1714	0.0%	$32,554	$0
P-873	372.31	10	56	58	1714	3.6%	$59,000	$2,141
P-8806	246.78	10	630	907	1714	30.6%	$39,107	$11,963
P-887	991.22	10	358	412	1714	13.0%	$157,078	$20,494
P-8871	493.97	10	80	86	1714	6.7%	$78,279	$5,263
P-8873	294.02	10	97	105	1714	7.8%	$46,593	$3,653
P-8875	317.94	10	113	122	1714	7.8%	$50,384	$3,909
P-8877	1,157.18	10	135	146	1714	7.3%	$183,377	$13,359
P-890	2,031.28	10	622	1071	1714	41.9%	$321,895	$134,896
P-892	164.05	10	8	8	1714	0.0%	$25,997	$0
P-894	278.96	10	251	250	1714	0.0%	$44,207	$0
P-895	84.36	10	283	283	1714	0.0%	$13,368	$0
P-896	414.65	10	258	266	1714	3.2%	$65,709	$2,119
P-897	419.94	10	232	240	1714	3.6%	$66,548	$2,380
P-901	1,171.13	10	473	318	1714	0.0%	$185,588	$0
P-903	545.27	12	533	261	2468	0.0%	$93,120	$0
P-904	347.16	12	544	272	2468	0.0%	$59,287	$0
P93	290.27	10	106	82	1714	0.0%	$45,999	$0
P-93	79.78	10	42	61	1714	31.2%	$12,643	$3,946
P-932	139.83	10	622	350	1714	0.0%	$22,159	$0
P-933	892.58	10	622	350	1714	0.0%	$141,447	$0
P-934	407.81	10	361	358	1714	0.0%	$64,625	$0
P-9350	708.5	10	339	330	1714	0.0%	$112,275	$0
P-9351	362.66	10	217	209	1714	0.0%	$57,470	$0
P-9353	1,384.60	10	103	100	1714	0.0%	$219,417	$0
P-9354	747.89	12	79	69	2468	0.0%	$127,723	$0
P-9355	1,129.25	10	46	26	1714	0.0%	$178,951	$0
P-942	402.93	10	285	287	1714	0.8%	$63,852	$514
P95	95.06	10	283	223	1714	0.0%	$15,064	$0
P-950	29.86	12	1146	836	2468	0.0%	$5,099	$0

ID	Length (ft)	Diameter (in)	Existing Flow (gpm)	Future Flow (gpm)	Max Flow at 7 ft/sec (gpm)	% Excess Capacity	Weighting Value	Excess Capacity Weighting
P-951	829.08	10	1000	1000	1714	0.0%	$131,384	$0
P-952	136.6	12	434	420	2468	0.0%	$23,328	$0
P-953	456.12	10	427	413	1714	0.0%	$72,281	$0
P-955	694.12	10	417	403	1714	0.0%	$109,997	$0
P-957	689.69	10	25	26	1714	3.8%	$109,295	$4,122
P-959	204.37	10	0	0	1714	0.0%	$32,386	$0
P-961	434.12	12	2	2	2468	0.5%	$74,138	$384
P-962	422.11	12	2	2	2468	0.5%	$72,087	$392
P-964	247.51	10	0	0	1714	0.0%	$39,223	$0
P97	183.55	10	22	103	1714	79.0%	$29,087	$22,991
P-970	393.78	10	254	272	1714	6.8%	$62,402	$4,268
P-973	104.56	10	140	98	1714	0.0%	$16,570	$0
P-974	226.33	10	140	98	1714	0.0%	$35,866	$0
P-987	351.97	10	664	1293	1714	48.7%	$55,776	$27,140
P-988	466.55	10	354	362	1714	2.2%	$73,934	$1,650
P-990	705.61	12	795	642	2468	0.0%	$120,502	$0
P-991	1,248.44	12	35	34	2468	0.0%	$213,205	$0
P-993	199.05	20	1314	642	6854	0.0%	$45,849	$0
P-J655.1	28.43	12	345	404	2468	14.7%	$4,855	$713
Total	**247,095.0**						**$41,472,634**	**$9,496,475**

Total Future Use of Excess Capacity = 22.9%

10-year Use of Excess Capacity = 7.5%

Use of Excess Capacity Beyond 10 years = 15.4%



PARK CITY, UTAH

WATER IMPACT FEE ANALYSIS

NOTICING DRAFT

SEPTEMBER 8, 2014

PREPARED BY

ZIONS PUBLIC FINANCE, INC.

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EXECUTIVE SUMMARY

Park City Municipal Corporation, Utah (the City) recently commissioned Zions Public Finance, Inc. (ZPFi) to calculate the City's culinary water impact fees in accordance with Utah State Law. An impact fee is a one-time charge to new development to reimburse the City for the cost of developing new culinary water system capacity that will allow development to occur. In conjunction with this project, Bowen Collins & Associates (BC&A) prepared the *Park City Water Impact Fee Facilities Plan* (IFFP) dated July 2014.

The water system serves indoor water use and outdoor watering demand for all retail water service within Park City corporate boundaries. It is expected that the system will continue to expand, but that it will not extend beyond the City's current annexation boundaries. The culinary water impact fee will be assessed to a single, city-wide service area (Service Area). The demand projections are based on a variety of level of service standards with peak day demand gallons per minute (GPM) providing the primary basis for the calculations.

The City has expended approximately $96,024,833 to construct culinary water production, storage, treatment, and transmission improvements and will need to build another $20,881,469 (FV) in the next ten years. Many of these projects have capacity to allow new growth to connect to a safe and reliable culinary water system. There are currently eight outstanding bonds related to the culinary water system and six additional bonds are anticipated to be issued to fund culinary water system improvements within the next ten years. Any changes to these assumptions may require an update to the culinary water impact fee analysis.

Many of the culinary water facilities have adequate capacity to serve many more years of growth. On average, approximately 11% of the existing infrastructure cost ($10,365,274) has capacity to serve ten year growth and roughly 12% of the future project costs to be constructed in the next ten years ($2,563,475) will be allocated to growth.

Since much of Park City's population is affected by seasonal, tourist, and daytime worker populations, it was deemed more appropriate to develop water demand projections based on the growth in GPM demand rather than growth in permanent population. The City's culinary water system currently serves 6,835 GPM demand. The estimated demand for buildout is 10,465 GPM.

Recommended Water Impact Fees

The recommended impact fee structure presented in this analysis has been prepared to satisfy the Impact Fees Act, Utah Code Ann. § 11-36-101 et. seq., and represents the maximum culinary water impact fees that the City may assess within the Service Area. The City will be required to use other revenue sources to fund projects identified in the IFFP that constitute repair and replacement, cure any existing deficiencies, increase the level of service or maintain the level of service for existing users.

The following tables show the maximum legal culinary water impact fee that the City can assess per GPM demand.

FIGURE ES.1: FEE PER GPM DEMAND

Component		Impact Fee per GPM
Production Subtotal	$	5,511.67
Treatment Subtotal		6,994.74
Storage Subtotal		1,434.03
Transmission Subtotal		2,596.74
Professional Services/Credits Subtotal		42.19
Total Impact Fee	**$**	**16,579.38**

Figure ES.2 and ES.3 below is included to help a future user estimate the impact fee for their development. It is included as a reference. Each impact fee will be calculated based on yard area (irrigated sq. ft.) for outdoor water usage and that fee will be combined with the indoor fee which is based upon unit size (sq. ft.).

FIGURE ES.2: MAXIMUM INDOOR IMPACT FEE SCHEDULE

Unit Size (Sq. Ft.)		Peak Day	1 Gpm (Gal)	Gpm Demand	Proposed Fee
-	1,000	298	1,440	0.2067	$ 3,428
1,001	2,000	400	1,440	0.2776	4,602
2,001	3,000	539	1,440	0.3740	6,200
3,001	4,000	687	1,440	0.4771	7,910
4,001	5,000	817	1,440	0.5671	9,403
5,001+		983	1,440	0.6829	11,322

FIGURE ES.3: MAXIMUM OUTDOOR IMPACT FEE SCHEDULE

Yard Area (Irrigated Sq Ft)	Peak Day Gallons	1 Gpm (Gal)	Gpm Demand	Proposed Fee
Calculated Per 1,000 Sq Ft	138.8	1,440	0.096	$ 1,598

For a non-residential development the fee will be based on outdoor yard area as calculated in Figure ES.3 and the indoor demand will be calculated by property type according to the schedule in Figure ES.4.

FIGURE ES.4: NON-RESIDENTIAL IMPACT FEE SCHEDULE

Property Type	Gallons per Unit	GPM per Unit	Floor Area per Unit	Fee per Unit
Assembly				
Restaurant, Bar including decks	35	0.0243	7	402.97
Theater, Auditorium, Church	5	0.0035	7	57.57
Office	15	0.0104	100	172.70
Educational				
Classroom	25	0.0174	20	$ 287.84
Shop/Vocational	25	0.0174	50	287.84
Exercise Area	25	0.0174	50	287.84
Hotel/Motel	150	0.1042	580	1,727.02
Industrial	Calculated	Calculated		Calculated
Institutional				
Inpatient Treatment	250	0.1736	240	$ 2,878.36
Outpatient Treatment	5	0.0035		Calculated
Sleeping Area	5	0.0035		Calculated
Other	Calculated	Calculated		Calculated
Retail	10	0.0069	60	115.13
Swimming Pool or Skating Rink				
Rink or Pool Area	10	0.0069		$ 115.13
Decks	Calculated	Calculated		Calculated
Warehouse	Calculated	Calculated		Calculated
Parking Garage	Calculated	Calculated		Calculated
Government	Calculated	Calculated		Calculated
Library				
Reading Area	Calculated	Calculated		Calculated
Stack Area	Calculated	Calculated		Calculated

Figure ES.5 provides a calculation of the impact fee for a non-standard user that may not fit the schedule found in the previous tables. It is at the City's discretion if the non-standard calculation will be used.

FIGURE ES.5: CALCULATION OF NON-STANDARD CULINARY WATER IMPACT FEE

Non-Standard Users Impact Fee Formula
Step 1: Identify Estimated Peak Day GPM Demand of Proposed Development Step 2: Multiply Equivalent Peak Day GPMs by Impact Fee per GPM of $16,579.38

CHAPTER 1: OVERVIEW OF THE CULINARY WATER IMPACT FEES

What is an Impact Fee?

An impact fee is a one-time fee, not a tax, charged to new development to recover the City's cost of constructing water facilities with capacity that will be utilized by new growth. The fee is assessed at the time of building permit issuance as a condition of development approval. The calculation of the impact fee must strictly follow the Impact Fees Act to ensure that the fee is equitable, fair, and legally defensible.

This analysis provides documentation that there is a fair comparison, or rational nexus, between the impact fee charged to new development and the impact on the capacity of the system. Impact fees are charged to different types of development and the water impact fee is scaled according to different levels of water demand.

Why Assess an Impact Fee?

Until new development utilizes the full capacity of existing facilities the City can assess an impact fee to recover its cost of latent capacity available to serve future development. The general impact fee methodology divides the available capacity of existing and future capital projects between the number of existing and future users. Capacity is measured in terms of gallon per minute demand, or GPM.

What Costs Can and Cannot be Included in the Impact Fee?

The impact fees proposed in this analysis are calculated based upon:

- New capital infrastructure for water production, treatment, storage, and transmission;
- Professional and planning expenses related to the construction of new infrastructure; and
- Historic costs of existing improvements that will serve new development.

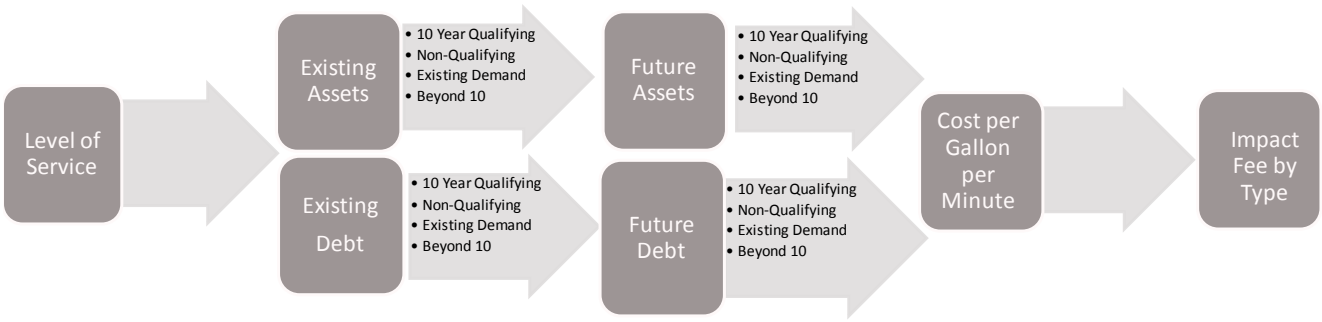
The costs that cannot be included in the impact fee are as follows:

- Projects that cure existing deficiencies for existing users;
- Projects that increase the level of service above that which is currently provided;
- Operations and maintenance costs;
- Costs of facilities funded by grants or other funds that the City does not have to repay; and
- Costs of reconstruction of facilities that do not have capacity to serve new growth.

How Are the Impact Fees Calculated?

A fair impact fee is calculated by dividing the cost of existing and future facilities by new demand that will benefit from the unused capacity. This cost per GPM demand is then multiplied by the fee per GPM. The chart below provides an overview of the impact fee calculation process.

FIGURE 1.1: IMPACT FEE CALCULATION FLOW CHART



Description of the Service Area

The culinary water system is comprised of a combination of wells, storage and transmission facilities that will provide indoor and outdoor potable water for homes and businesses located in Park City. The culinary water system service area is the same as the incorporated City boundaries. A map of this service area is included in the Appendix.

In the next ten years the City anticipates a capacity upgrade to Quinn's Treatment Plant, constructing two tanks and a number of transmission lines all with capacity to serve new growth.

Peak Day Demand (GPM)

Water infrastructure has to be sized to be adequate to meet peak day demand. The primary measurement used for water improvement sizing and capacity evaluations in this analysis is future water demand expressed in gallons per minute.

Project Costs and Financing

The proposed impact fees are comprised of the costs of future water capital projects that benefit additional development within the Service Area, and professional expenses pertaining to the regular update of the IFFP and impact fee analysis. During the 10 year planning horizon of this analysis the City will be issuing approximately six impact fee qualifying bonds to help fund the projects. It is anticipated that these bonds could fund up to 60% of the annual impact fee qualifying project costs.

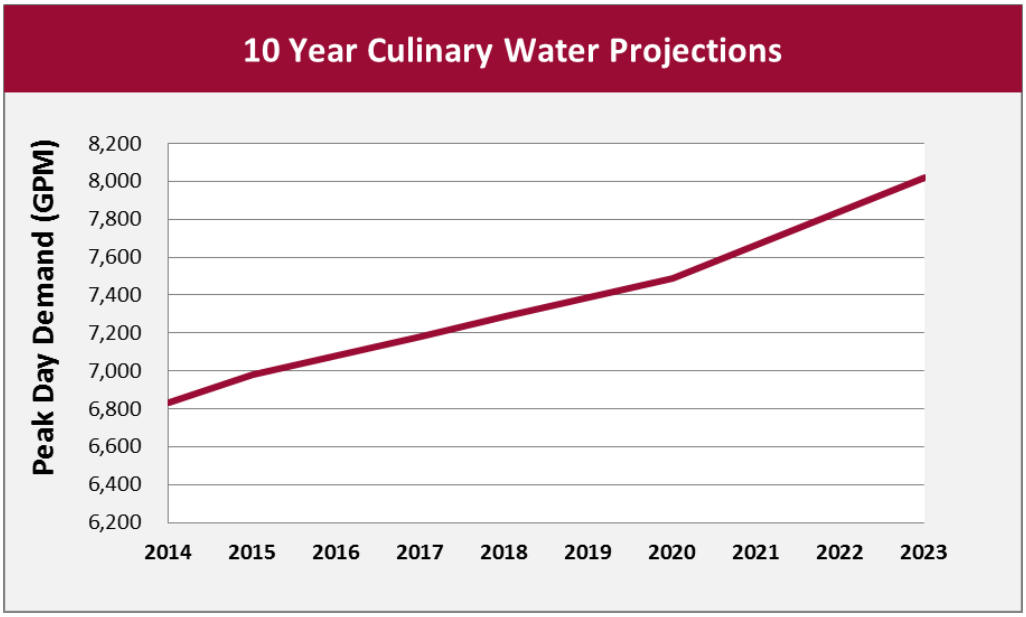
CHAPTER 2: IMPACT FROM GROWTH UPON THE CITY'S FACILITIES AND LEVEL OF SERVICE

Future Water Demand within the Service Area

Water demand within the City will increase as development activity rebounds and homes and businesses are built. Currently there are 6,835 Peak Day Demand by Gpm and the buildout count for the service area is estimated to be 10,465. Throughout the impact fee analysis a 10 year growth window will be the basis for the impact fee calculation. Figure 2.1 shows the growth in peak day demand through 2023.

FIGURE 2.1: PROJECTED GROWTH IN DEMAND (GPM)

Year	Peak Day Demand (gpm)
2014	**6,835**
2015	6,980
2016	7,082
2017	7,183
2018	7,285
2019	7,386
2020	7,488
2021	7,665
2022	7,843
2023	**8,020**
2030	9,470
2040	10,288
2050	10,390
Buildout	**10,465**



Level of Service Analysis

The level of service standard is established in the IFFP and reflects City policies. This is a defensible level of service that has been recently and clearly established. It is anticipated that this level of service will be perpetuated into the future. However, the City has the right to increase this established level of service in the future by constructing facilities that will provide greater capacity but such level of service increases cannot be funded through impact fees. The City will have to find other funding sources, such as user rates, for projects that increase level of service.

Storage Level of Service

Storage must be adequate to meet the average observed fluctuations in each zone within the City with a safety factory of 2.0. Storage is based on operational/equalization storage, fire flow storage and emergency or standby storage.

The State Division of Drinking Water requires a minimum sizing of 400 gallons per day for indoor demands. In addition to this there must be adequate fire flow capacity to deliver 1,500 gallons per minute for two hours (180,000 gallons) for residential units and for the Old Town area the requirement goes up to 3,000 GPM for 3 hours (540,000 gallons) due to large commercial connections.

Production Level of Service

Production must be adequate to satisfy the demand on both an annual and peak day basis. Culinary water is used for both indoor use and outdoor watering and production capacity. Culinary water must be sufficient to meet indoor and outdoor demand and account for limitations in supply such changes in seasonal supply or the effects of dry years.

Treatment Level of Service

Treatment level of service generally follows the same requirements as production and must satisfy both annual and peak day demand.

Transmission Level of Service

The culinary water system should be capable of maintaining 40 psi at all retail points of delivery during peak hour demands.

CHAPTER 3: HISTORIC AND FUTURE CAPITAL PROJECTS COSTS

The Impact Fees Act allows for the inclusion of various cost components in the calculation of the impact fees. These cost components are the construction costs of growth-driven improvements and appropriate professional services inflated from current dollars to construction year costs. Impact fees can only fund system improvements which are defined as facilities or lines that contribute to the entire system's capacity rather than just to a small, localized area. Culinary water capital projects have been partially funded through bonds and will continue to be partially bond funded in future years.

Capacities of Existing Components Available for Growth

The costs of future capital projects are defined in the corresponding Impact Fees Facilities Plan prepared by BC&A and are detailed in Figure 3.5.

Production

Of the City's existing production sources only Rockport has capacity to serve future residents and is included in the impact fee analysis. All other production system components have been removed from the impact fee calculation. The IFFP determined that 32.9% of Rockport costs, equal to $2,749,745, will serve the City's 10 year growth. 44.7% benefits existing users and 22.4% will serve new growth beyond the 10 year horizon.

Treatment

Of the City's existing treatment components only Quinn's Water Treatment Plant has capacity to serve future residents and has been included in the impact fee analysis. All other treatment system components have been removed from the impact fee calculation. The IFFP determined that 33.7% of Quinn's WTP costs, or $5,358,797, will serve the City's 10 year growth and 66.3% benefits existing users. The current 3MG capacity of Quinn's WTP will be fully utilized by the end of the 10 year planning horizon so an expandable from the current 3MG to 6MG is included in the capital projects. Eventually Quinn's WTP will be expanded to 9MG to serve growth well beyond the 10 year demand planned in this analysis.

Storage

The storage portion of the impact fee calculation includes the City's entire storage system minus Woodside, Neck, Silver Lake and North Lake Flat Tanks which are considered to be at capacity. The remaining storage system is utilized 65.1% by existing users. An additional 11.4% of capacity, or $641,486, will be used by 10 year growth and the remaining 23.5% can serve users beyond 10 year demand.

Transmission

77.1% of the City's existing transmission system serves existing users with 7.5% serving growth within the 10 year window, or $1,615,246 and 15.4% serving users outside of the 10 year growth horizon.

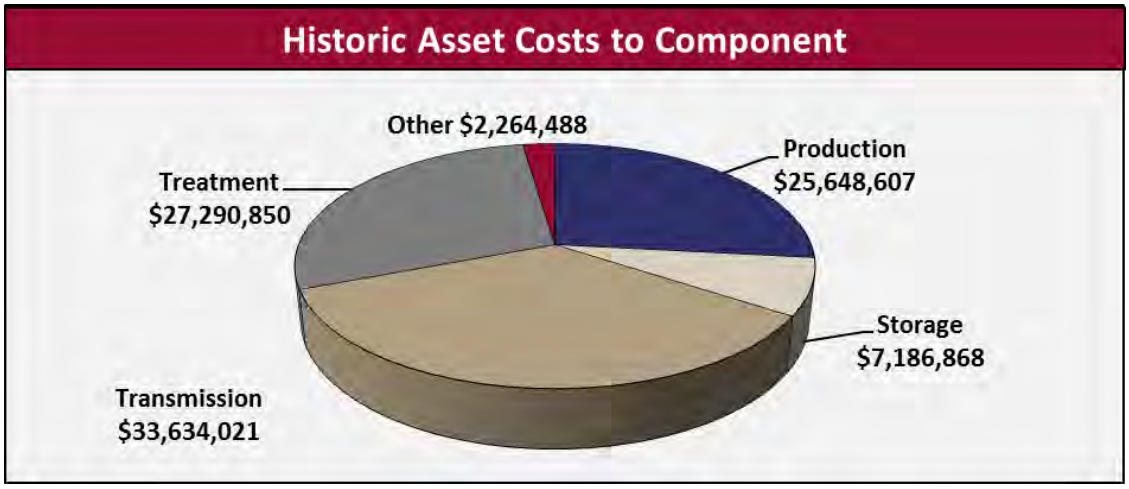
Historic Capital Project Costs

Figure 3.1 and 3.2 classify the historic capital projects that have been expended to date in the construction of the existing wells, storage reservoirs, treatment facilities and transmission lines. These costs do not include standard O&M expenses.

FIGURE 3.1: ALLOCATION OF HISTORIC CAPITAL PROJECT COSTS BY COMPONENT

System	Production	Storage	Transmission	Treatment	Other	Total Cost
Conservation					$ 90,000	$ 90,000
Equipment	21,542		1,635,376	83,606	559,614	2,300,138
Not Water					492,160	492,160
Project		419,800	9,682,524	286,416	758,137	11,146,877
System	8,770,276	6,077,068	22,294,246	16,830,272		53,971,862
System - At Capacity	16,856,789	690,000	21,874	10,090,555		27,659,219
Vehicle					364,577	364,577
Totals	**$ 25,648,607**	**$ 7,186,868**	**$ 33,634,021**	**$ 27,290,850**	**$ 2,264,488**	**$ 96,024,833**

FIGURE 3.2: GRAPH OF HISTORIC ASSET COST BY COMPONENT



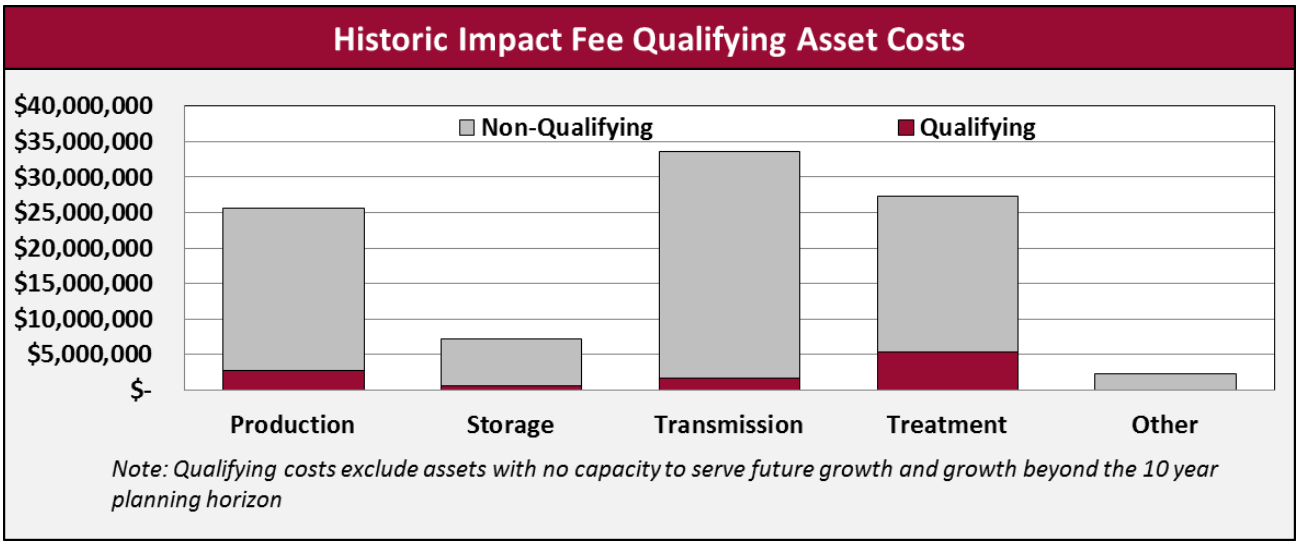
Once assets were organized by components they were sorted based on whether or not the asset was impact fee qualifying or non-qualifying and summarized below in Figures 3.3 and 3.4.

FIGURE 3.3: HISTORIC ASSETS SORTED AS IMPACT FEE QUALIFYING OR NON-IMPACT FEE QUALIFYING

	Production	Storage	Transmission	Treatment	Other	Total Cost
10 Yr Qualifying Total	$ 2,749,745	$ 641,486	$ 1,615,246	$ 5,358,797	$ -	$ 10,365,274
Non-Qualifying	22,898,862	6,545,382	32,018,775	21,932,052	2,264,488	85,659,560
Totals	**$ 25,648,607**	**$ 7,186,868**	**$ 33,634,021**	**$ 27,290,850**	**$ 2,264,488**	**$ 96,024,833**

Figure 3.4 shows the breakdown of qualifying or non-qualifying assets by component. Any asset that was not directly related to one of the four major components was sorted as "other" and is considered non-qualifying.

FIGURE 3.4: HISTORIC ASSETS COST QUALIFYING/NON-QUALIFYING COST TO COMPONENT



Future Capital Projects and 10 Year Demand

The City and BC&A have identified the following capital projects which are necessary to meet demand in the culinary water system. All construction estimates were done in 2014 dollars so each project to be constructed after 2014 includes a 3.8% inflation rate to adequately plan for the total cost to the City at time of construction. As shown in Figure 3.5 project costs were sorted by whether they will meet 10 year impact fee qualifying demand, beyond 10 year demand, or whether any portion is non-qualifying (which included portions of the project that will be utilized by existing users). $2,563,475 or about 12% of the total $20,881,469 capital projects were determined to be 10 year impact fee qualifying and included in the impact fee calculation.

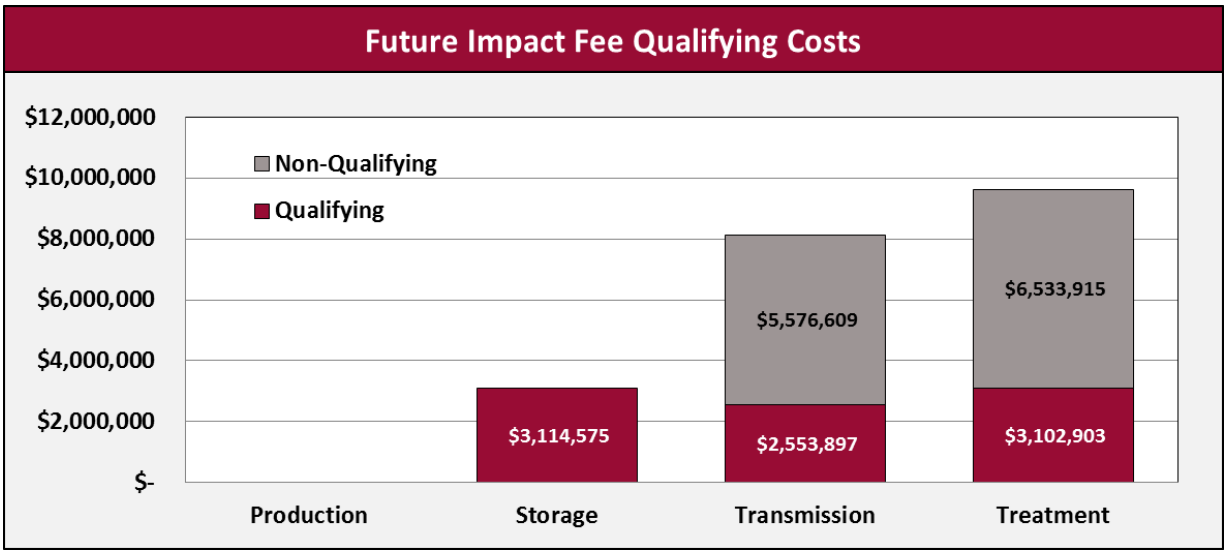
FIGURE 3.5: FUTURE CAPITAL PROJECT COSTS

Project Name	% to Existing / Project Level	% Impact Fee Qualifying - 10 Year	% Impact Fee Qualifying - Beyond 10 Year	Year to be Constructed	2014 Cost	Construction Cost with Inflation	10 Year Impact Fee Qualifying Cost	Impact Fee Qualifying Beyond 10 Years	Non Impact Fee Qualifying
Production									
	0.0%					$ -	$ -	$ -	$ -
Production Subtotal					**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Treatment									
Quinn's Treatment Plant Capacity Upgrade	0.0%	23.1%	76.9%	2014	$ 3,002,000	$ 3,114,575	$ 719,467	$ 2,395,108	$ -
Quinn's Treatment Plant Dewatering Improvements	33.1%	28.5%	38.4%	2014	2,509,000	3,114,575	887,654	1,195,997	1,030,924
Treatment Subtotal					**$ 5,511,000**	**$ 3,114,575**	**$ 719,467**	**$ 2,395,108**	**$ -**
Storage									
C5 - West Neck Tank - Phase 1 - Design	65.3%	11.3%	23.4%	2020	$ 150,000	$ 194,092	$ 21,932	$ 45,418	$ 126,742
C5 - West Neck Tank - Phase 2A Tank Construction	65.3%	11.3%	23.4%	2020	3,450,000	4,464,120	504,446	1,044,604	2,915,070
Park City Heights Tank	100.0%	0.0%	0.0%	2016	690,000	770,572	-	-	770,572
Silver Lake Tank II	65.3%	11.3%	23.4%	2021	2,012,500	2,701,722	305,295	632,203	1,764,225
Storage Subtotal					**$ 6,302,500**	**$ 8,130,507**	**$ 831,673**	**$ 1,722,225**	**$ 5,576,609**
Transmission									
PRV Improvements for Fire Flow Storage Access	100.0%	0.0%	0.0%	2014	$ 759,000	$ 787,463	$ -	$ -	$ 787,463
C3 - Quinn's Pump Station to PCH/Fairway Hills Tank	83.0%	5.6%	11.5%	2016	385,600	430,627	24,115	49,522	357,420
C3 - Quinn's WTP to Park City Heights	100.0%	0.0%	0.0%	2016	1,022,900	1,142,346	-	-	1,142,346
Auxiliary Power Impovements	65.3%	11.3%	23.4%	2014	172,500	178,969	20,223	41,879	116,867
C5 - West Neck Tank - Phase 2B - Pipelines	65.3%	11.3%	23.4%	2019	1,414,040	1,763,560	199,282	412,673	1,151,605
SCADA System Upgrade	100.0%	0.0%	0.0%	2014	1,000,000	1,037,500	-	-	1,037,500
C9 - Fairway Hills to Park Meadows Redundancy	65.3%	11.3%	23.4%	2019	73,600	91,792	10,373	21,479	59,940
C5 - Three Kings / Silver King Pump Station	65.3%	11.3%	23.4%	2014	956,100	991,954	112,091	232,117	647,746
C8 - Queen Esther Drive	100.0%	0.0%	0.0%	2014	577,000	598,638	-	-	598,638
C7 - Neck Tank to Last Chance	100.0%	0.0%	0.0%	2019	269,800	336,489	-	-	336,489
C1 - Quinn's WTP to Boothill - Phase 1A	7.2%	30.3%	62.5%	2014	926,300	961,036	291,194	600,648	69,195
C1 - Quinn's WTP to Boothill - Phase 1B	7.2%	30.3%	62.5%	2015	926,300	997,075	302,114	623,172	71,789
C2 - Quinn's WTP to Chatham	49.2%	16.6%	34.2%	2015	296,300	318,939	52,944	109,077	156,918
Transmission Subtotal					**$ 8,779,440**	**$ 9,636,387**	**$ 1,012,336**	**$ 2,090,567**	**$ 6,533,915**
Ten Year Total					**$ 20,592,940**	**$ 20,881,469**	**$ 2,563,475**	**$ 6,207,900**	**$12,110,524**

**Based on 20 years average cost of inflation using ENR*

Source: Bowen Collins & Associates Park City Impact Fee Facilities Plan Table 6-2

FIGURE 3.6: FUTURE QUALIFYING VS. NON-QUALIFYING COSTS TO COMPONENT



Bond Debt Service and Grant Funds

The City currently has eight bonds outstanding for the culinary water system. Additionally, the City intends to issue approximately six culinary water bonds in the 10 year horizon that will partially fund growth-related projects. An impact fee qualifying portion of the new bonds will be included in the impact fee calculation. The following tables summarize what each bond was issued to fund and any additional information for the outstanding debt and future debt issues which the City anticipates in the next 10 years.

Figure 3.7 below summarizes the City's existing water system debt and Figure 3.8 divides the costs by component based on whether the capital projects necessitating the debt issuance are related to existing, ten year or beyond ten year demand.

FIGURE 3.7: SUMMARY OF OUTSTANDING DEBT

Outstanding Water Related Debt	Initial Bond Amount	New Money	Refunded Bond	Used For
Water Revenue Bond Series 2009A	$ 2,500,000	$ 2,500,000	N/A	Culinary Water System Improvements
Water Revenue Refunding Bonds Series 2009B	13,090,000	8,567,659	$5,313,000 (Series 2002)	Judge WTP, Meter Reading, Transmission Lines, Quinn's WTP
ater Revenue Bond Series 2009C BAI	10,135,000	10,135,000	N/A	Judge WTP, Meter Reading, Transmission Lines. Quinn's WTP
Water Revenue Bonds Series 2010	12,200,000	12,200,000	N/A	Water Rights Purchase from Jordanelle SSD
Water Revenue Bonds Series 2012	4,160,000	4,160,000	N/A	Culinary Water System Improvements
Water Revenue Refunding Bonds Series 2012B	5,525,000	4,600,000	$390,000 (Series 2006)	Culinary Water System Improvements
Water Revenue Refunding Bonds Series 2013A	2,830,000	-	$3,029,000 (Series 2006)	Boothill Projects and Park Meadows WTP
Water Revenue Refunding Bonds Series 2013B	215,000	-		Boothill Projects and Park Meadows WTP
GRAND TOTAL	**$ 50,655,000**	**$ 42,162,659**	**$ 8,732,000**	

FIGURE 3.8: EXISTING DEBT PROPORTION TO GROWTH

Proportion to Ten Year Growth	Transmission	Treatment	Production	Storage
Existing Demand	77.1%	66.3%	44.7%	65.1%
10 Year Demand	7.5%	33.7%	32.9%	11.4%
Demand Beyond 10 Year	15.4%	0.0%	22.4%	23.5%
	100%	**100%**	**100%**	**100%**

Figure 3.9 below summarizes the City's future water system debt and Figure 3.10 divides the costs by component based on whether the capital projects necessitating the debt issuance are related to existing, ten year or beyond ten year demand. At this time the City does not anticipate issuing future debt for production related projects.

FIGURE 3.9: SUMMARY OF APPROXIMATE FUTURE DEBT

Future Water Related Debt	Initial Bond Amount	New Money	Refunded Bond	Used For
Water Revenue Bond Series 2014	$ 5,620,369	$ 5,620,369	N/A	Quinn's WTP Capacity Upgrade and Transmission
Water Revenue Bond Series 2015	789,609	789,609	N/A	Transmission Lines
Water Revenue Bond Series 2016	1,406,127	1,406,127	N/A	Transmission Lines and Park City Heights Tank
Water Revenue Bond Series 2019	1,315,105	1,315,105	N/A	Transmission Lines
Water Revenue Bond Series 2020	2,794,927	2,794,927	N/A	West Neck Tank
Water Revenue Bond Series 2021	1,621,033	1,621,033	N/A	Silver Lake Tank II
GRAND TOTAL	**$ 13,547,170**	**$ 13,547,170**		

Figure 3.10: Future Debt Proportion to Ten Year Growth

Proportion to Ten Year Growth	Transmission	Treatment	Production	Storage
Existing Demand	67.8%	0.0%	0.0%	68.6%
10 Year Demand	10.5%	23.1%	0.0%	10.2%
Demand Beyond 10 Year	21.7%	76.9%	0.0%	21.2%
	100%	**100%**	**0%**	**100%**

Impact Fee Analysis Updates

As development occurs and capital project planning is periodically revised, the future lists of capital projects and their costs may be different than the information utilized in this analysis. For this reason, it is assumed that the City will perform updates to the analysis every three years. The cost of preparing this analysis, the master plan and the future costs of updating both documents has been included in the impact fee calculations. The cost for an update to the impact fee facilities plan/master plan was included in the impact fee calculation at an estimated cost of $40,000. The cost of the impact fee analysis update was likewise included in the calculation at an estimated fee of $10,000.

CHAPTER 4: PROPORTIONATE SHARE ANALYSIS

The Impact Fees Act requires the impact fee analysis to estimate the proportionate share of the cost for existing capacity that will be recouped as shown in Figures 3.1 to 3.4. The impact fee must be based on the historic costs and reasonable future costs of the system. This chapter will show in Figure 4.1 that the proposed impact fee for system improvements is reasonably related to the impact on the water system from new development activity.

The proportionate share analysis considers the manner of funding utilized for existing public facilities. Historically the City has funded existing infrastructure with sources including the following:

- Water Impact Fees
- Water User Rates and Miscellaneous Fees
- Federal State and Tribal Assistance Grant (STAG)
- Bond Proceeds

In the future, the City will rely solely upon water impact fees and user rate revenues to fund the operations and maintenance of the system. Some rate revenues will be used to pay the debt service of the bonds in years when impact fee revenues are insufficient to cover the annual payment to principal and interest. However if rate revenues are used to pay what should be funded through impact fees (due to a shortfall in impact fee revenues) then the general fund will be repaid with impact fees.

Grant funding is not secured at the moment, however, if any grants are received, future impact fees will be discounted according to the size of grant and what impact fee qualifying projects it will be intended to fund.

Developer Credits

If a project included in the Impact Fee Facilities Plan (or a project that will offset the demand for a system improvement that is listed in the IFFP) is constructed by a developer then that developer is entitled to a credit against impact fees owed. (Utah Impact Fees Act, 11-36a-304(2)(f)). There are currently no situations/projects in this analysis that would entitle a developer to a credit.

Time-Price Differential

Utah Code 11-36a-301(2)(h) allows for the inclusion of a time-price differential in order to create fairness for amounts paid at different times. To address the time-price differential, this analysis includes an inflationary component to account for construction inflation for future projects. Projects constructed after the year 2014 will be calculated at a future value with a 3.8% inflation rate. All users who pay an impact fee today or within the next six to ten years will benefit from projects to be constructed and included in the fee.

Figure 4.1 details the City's existing water assets and sorts them by component and whether they are qualifying or non-qualifying. Of the qualifying projects, only the projects attributable to ten year growth were considered in the impact fee calculation. Figure 4.2 is the same classification for the future capital projects.

FIGURE 4.1: EXISTING ASSETS

	Production	Storage	Transmission	Treatment	Other	Total Cost
Qualifying Total	33%	78%	64%	58%	0%	54%
Non-Qualifying	67%	22%	36%	42%	100%	46%
Totals	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

	Production	Storage	Transmission	Treatment	Other	Total Cost
Qualifying Total	$ 8,357,888	$ 5,627,068	$ 21,536,608	$ 15,901,475	$ -	$ 51,423,039
Non-Qualifying	17,290,720	1,559,800	12,097,412	11,389,374	2,264,488	44,601,794
Totals	**$ 25,648,607**	**$ 7,186,868**	**$ 33,634,021**	**$ 27,290,850**	**$ 2,264,488**	**$ 96,024,833**

	Production	Storage	Transmission	Treatment	Other	Total Cost
10 Yr Qualifying Total	$ 2,749,745	$ 641,486	$ 1,615,246	$ 5,358,797	$ -	$ 10,365,274
Non-Qualifying	22,898,862	6,545,382	32,018,775	21,932,052	2,264,488	85,659,560
Totals	**$ 25,648,607**	**$ 7,186,868**	**$ 33,634,021**	**$ 27,290,850**	**$ 2,264,488**	**$ 96,024,833**

FIGURE 4.2: FUTURE CAPITAL PROJECTS

By Component	10 Year Impact Fee Qualifying Cost	Impact Fee Qualifying Beyond 10 Years	Non Impact Fee Qualifying	Total Ten Year Construction Cost
Production	$ -	$ -	$ -	$ -
Treatment	719,467	2,395,108	-	3,114,575
Storage	831,673	1,722,225	5,576,609	8,130,507
Transmission	1,012,336	2,090,567	6,533,915	9,636,387
Total	**$ 2,563,475**	**$ 6,207,900**	**$ 12,110,524**	**$ 20,881,469**

The figures below show the existing and future debt. The interest portion of each bond issue is sorted as ten year qualifying, beyond 10 year qualifying or non-impact fee qualifying and the proportion of each is shown. The gray highlighted areas in the table show that the proportioned amount is equal to the total interest of the bonds. Only interest is included in the impact fee because principal on the bonds is reflected in the costs of the existing assets as well as the construction cost of future projects. To count debt principal AND existing assets/future projects would double count those costs.

Figure 4.3: Existing Debt

Bond Issue	Total Par Amount	Interest	Total Debt Service	% Ten Year Qualifying	Beyond Ten Years	% Non-Qualifying	Totals
Series 2009A Water Revenue Bond (DEQ)	$ 2,500,000	$ -	$ 2,500,000	34%	0%	66%	100%
Series 2009B Water Revenue Bond	13,090,000	3,572,938	16,662,938	13%	7%	80%	100%
Series 2009C Water Revenue Bond (Build America Bond)	10,135,000	4,358,209	14,493,209	28%	2%	70%	100%
Series 2010 Water Revenue Bond	12,825,000	4,619,725	17,444,725	0%	0%	100%	100%
Series 2012 Water Revenue Bond	4,160,000	1,099,565	5,259,565	33%	0%	66%	100%
Series 2012B Water Revenue Bond	5,525,000	1,808,220	7,333,220	10%	6%	84%	100%
Series 2013A Water Revenue Bond	2,830,000	427,723	3,257,723	8%	16%	76%	100%
Series 2013B Water Revenue Bond	215,000	878	215,878	8%	16%	76%	100%
Totals	**$ 51,280,000**	**$ 15,887,258**	**$ 67,167,258**				
			Total Bond Interest	**$ 2,274,704**	**$ 517,766**	**$ 13,094,788**	**$ 15,887,258**

Figure 4.4: Future Debt

Bond Issue	Total Par Amount	Interest	Total Debt Service	Bond Proceeds	% Ten Year Qualifying	Beyond Ten Years	% Non-Qualifying	Totals
Series 2014	$ 5,520,000	$ 2,002,035	$ 7,522,035	$ 5,620,369	15%	43%	42%	100%
Series 2015	833,000	290,360	1,123,360	789,609	27%	56%	17%	100%
Series 2016	1,479,000	516,240	1,995,240	1,406,127	1%	2%	97%	100%
Series 2019	1,384,000	483,120	1,867,120	1,315,105	10%	20%	71%	100%
Series 2020	2,941,000	1,026,520	3,967,520	2,794,927	11%	23%	65%	100%
Series 2021	1,707,000	595,840	2,302,840	1,621,033	11%	23%	65%	100%
Totals	**$ 13,864,000**	**$ 4,914,115**	**$ 18,778,115**	**$ 13,547,170**				
				Total Bond Interest	**$ 611,524**	**$ 1,501,255**	**$ 2,801,336**	**$ 4,914,115**

Maximum Legal Water Impact Fees Based on GPM Demand

As shown in Figure 4.5, the maximum legal impact fee per GPM demand is calculated to be $16,579.38. This fee is the combination of individual fees for the components of production, treatment, storage, transmission and professional fees. Each fee for individual components is based upon the historic and future costs divided by the total and available capacities. The result is a very precise impact fee based on GPM demand that complies with the Impact Fees Act.

FIGURE 4.5: WATER IMPACT FEE CALCULATION

Component	Total Cost to Component	% That will Serve Ten Year Demand	Dollar Amount that will Serve Ten Year Demand	Ten Year Demand (GPM)	Cost per GPM
Production Impact Fee - Rockport					
Future 10 Year Capital Projects	$ -	0.00%	$ -	1,185	$ -
Future Production Related Debt to be Issued - INTEREST ONLY	-	0.00%	-	1,185	-
Existing Production Projects	8,357,888	32.90%	2,749,745	1,185	2,320
Existing Production Related Debt - INTEREST ONLY	-	0.00%	-	1,185	-
Rockport Lease	11,494,172	32.90%	3,781,583	1,185	3,191
Production Subtotal	**$ 19,852,060**		**$ 6,531,328**		**$ 5,511.67**
Treatment Impact Fee - Quinn's Junction					
Future 10 Year Capital Projects	$ 3,114,575	23.10%	$ 719,467	1,185	$ 607.15
Future Treatment Related Debt to be Issued - INTEREST ONLY	812,957	23.10%	187,793	1,185	158
Existing Treatment Projects	15,901,475	33.70%	5,358,797	1,185	4,522
Existing Treatment Related Debt - INTEREST ONLY	6,002,119	33.70%	2,022,714	1,185	1,707
Treatment Subtotal	**$ 25,831,126**		**$ 8,288,771**		**$ 6,994.74**
Storage Impact Fee					
Future 10 Year Capital Projects	$ 8,130,507	10.23%	$ 831,673	1,185	$ 702
Future Storage Related Debt to be Issued - INTEREST ONLY	1,792,072	10.23%	183,327	1,185	155
Existing Storage Projects	5,627,068	11.40%	641,486	1,185	541
Existing Storage Related Debt - OUTSTANDING INTEREST	375,754	11.40%	42,836	1,185	36
Storage Subtotal	**$ 15,925,400**		**$ 1,699,321**		**$ 1,434.03**
Transmission Impact Fee					
Future 10 Year Capital Projects	$ 9,636,387	10.51%	$ 1,012,336	1,185	$ 854.29
Future Transmission Related Debt to be Issued - INTEREST ONLY	2,309,086	10.41%	240,404	1,185	203
Existing Transmission Projects	21,536,608	7.50%	1,615,246	1,185	1,363
Existing Transmission Related Debt - OUTSTANDING INTEREST	2,788,724	7.50%	209,154	1,185	177
Transmission Subtotal	**$ 36,270,806**		**$ 3,077,140**		**$ 2,596.74**
Professional Services/ Credits					
Unspent Impact Fee Funds	-	0.00%	$ -	1,185	-
Professional Services/ Credits	50,000	100%	50,000	1,185	42
Professional Services/Credits Subtotal	**50,000**		**50,000**		**42.19**
Total Impact Fee Per GPM	**$ 78,077,331**		**$ 13,115,232**		**$ 16,579.38**

Determination of Residential and Non-Residential Impact Fees

The impact fees to be paid by different residential and non-residential users are assessed according to water demand in GPM. Water demand for residential indoor is based on indoor area in square feet and was

derived by the City using actual metered usage from all residential connections in the City. This was done by combining winter use data with residential structure size in square feet to get the actual usage per square feet in the City. Outdoor demand is calculated per the Utah Division of Drinking Water's guidelines in section R309-510. This method was verified as being accurate using actual historical metered data for irrigation use in Park City.

FIGURE 4.6: MAXIMUM INDOOR IMPACT FEE SCHEDULE

INDOOR - Winter Month Peak Day (Observed Dec 16 to Jan 15)

Unit Size (Sq. Ft.)		Peak Day	1 Gpm (Gal)	Gpm Demand	Proposed Fee
-	1,000	298	1,440	0.2067	$ 3,428
1,001	2,000	400	1,440	0.2776	4,602
2,001	3,000	539	1,440	0.3740	6,200
3,001	4,000	687	1,440	0.4771	7,910
4,001	5,000	817	1,440	0.5671	9,403
5,001+		983	1,440	0.6829	11,322

FIGURE 4.7: MAXIMUM OUTDOOR IMPACT FEE SCHEDULE

OUTDOOR - Peak Day

Yard Area (Irrigated Sq Ft)	Peak Day Gallons	1 Gpm (Gal)	Gpm Demand	Proposed Fee
Calculated Per 1,000 Sq Ft	138.8	1,440	0.096	$ 1,598

Non-residential users will be assessed an impact fee based on property type and floor area per occupant as detailed in the figure below.

FIGURE 4.8: NON-RESIDENTIAL IMPACT FEE BY PROPERTY TYPE

Property Type	Gallons per Unit	GPM per Unit	Floor Area per Unit	Fee per Unit
Assembly				
Restaurant, Bar including decks	35	0.0243	7	402.97
Theater, Auditorium, Church	5	0.0035	7	57.57
Office	15	0.0104	100	172.70
Educational				
Classroom	25	0.0174	20	$ 287.84
Shop/Vocational	25	0.0174	50	287.84
Exercise Area	25	0.0174	50	287.84
Hotel/Motel	150	0.1042	580	1,727.02
Industrial	Calculated	Calculated		Calculated
Institutional				
Inpatient Treatment	250	0.1736	240	$ 2,878.36
Outpatient Treatment	5	0.0035		Calculated
Sleeping Area	5	0.0035		Calculated
Other	Calculated	Calculated		Calculated
Retail	10	0.0069	60	115.13
Swimming Pool or Skating Rink				
Rink or Pool Area	10	0.0069		$ 115.13
Decks	Calculated	Calculated		Calculated
Warehouse	Calculated	Calculated		Calculated
Parking Garage	Calculated	Calculated		Calculated
Government	Calculated	Calculated		Calculated
Library				
Reading Area	Calculated	Calculated		Calculated
Stack Area	Calculated	Calculated		Calculated

Non-Standard Demand Adjustments

The City reserves the right under the Impact Fees Act (Utah Code 11-36-402(1)(c,d)) to assess an adjusted fee to respond to unusual circumstances and to ensure that the impact fees are assessed fairly. The impact fee ordinance must include a provision that permits adjustment of the fee for a particular development based upon studies and data submitted by the developer that indicate a more realistic and accurate impact upon the City's infrastructure.

The impact fee formula shown below in Figure 4.9 for a non-standard user is based upon the anticipated annual water demand of that particular user.

FIGURE 4.9: CALCULATION OF NON-STANDARD IMPACT FEE

Non-Standard Users Impact Fee Formula
Step 1: Identify Estimated Peak Day GPM Demand of Proposed Development Step 2: Multiply Equivalent Peak Day GPMs by Impact Fee per GPM of $16,579.38

APPENDICES: CERTIFICATION, SERVICE AREA MAP, IMPACT FEE CALCULATIONS

In accordance with Utah Code Annotated, 11-36a-306(2), Zions Public Finance, Inc., makes the following certification:

I certify that the attached impact fee analysis:

1. includes only the cost of public facilities that are:
    a. allowed under the Impact Fees Act; and
    b. actually incurred; or
    c. projected to be incurred or encumbered within six years after the day on which each impact fee is paid;
2. does not include:
    a. costs of operation and maintenance of public facilities;

b. cost of qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents;

c. an expense for overhead, unless the expense is calculated pursuant to a methodology that is consistent with generally accepted cost accounting practices and the methodological standards set forth by the federal Office of Management and Budget for federal grant reimbursement;

3. offset costs with grants or other alternate sources of payment; and
4. complies in each and every relevant respect with the Impact Fees Act.

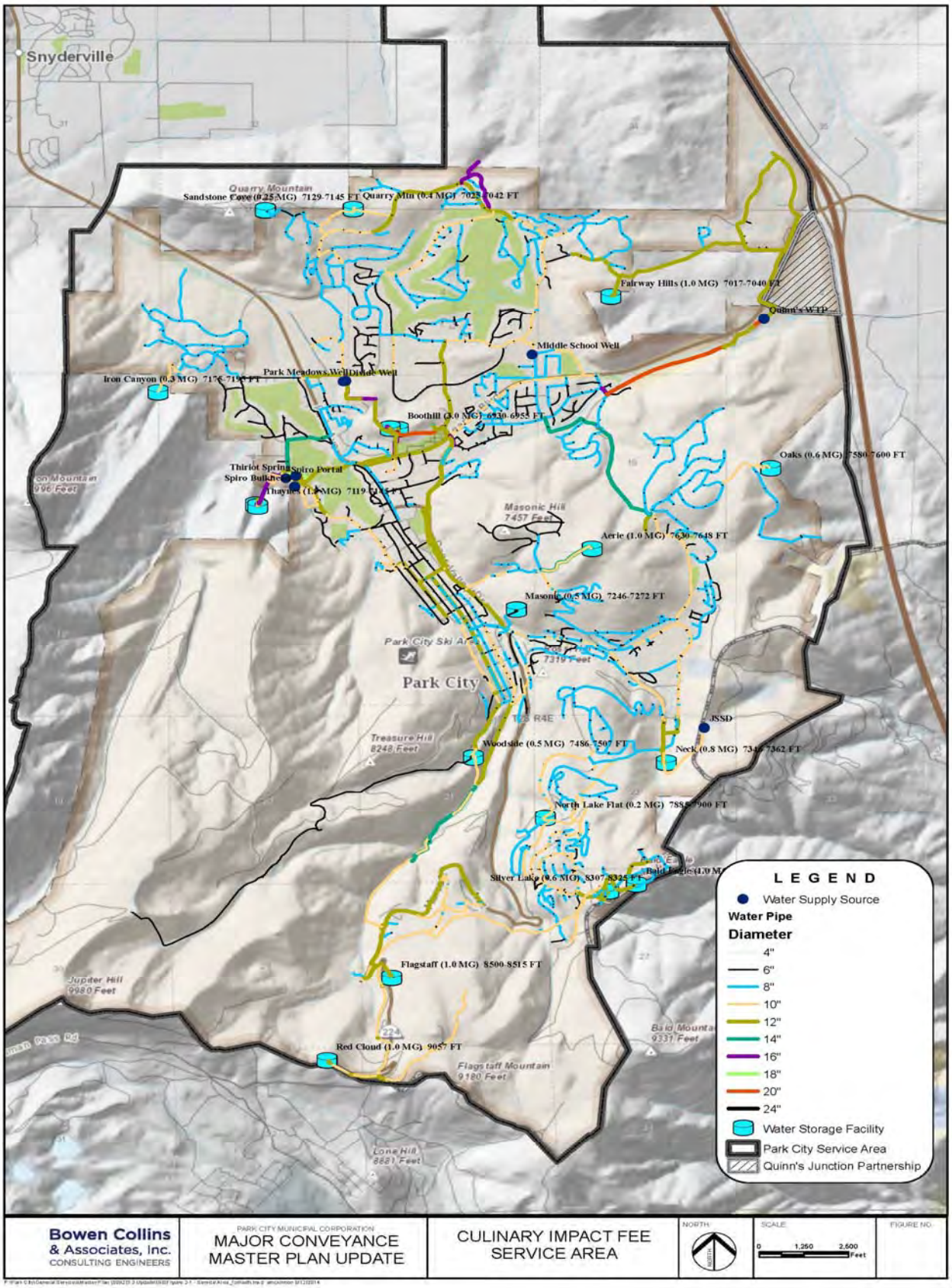
Zions Bank Public Finance makes this certification with the following caveats:

1. All of the recommendations for implementations of the Impact Fee Facilities Plan (IFFP) made in the IFFP or in the impact fee analysis are followed in their entirety by City staff and Council in accordance to the specific policies established for the Service Area.
2. If all or a portion of the IFFP or impact fee analysis are modified or amended, this certification is no longer valid.
3. All information provided to Zions Public Finance, Inc., its contractors or suppliers is assumed to be correct, complete and accurate. This includes information provided by Park City Corporation and outside sources. Copies of letters requesting data are included as appendices to the IFFP and the impact fee analysis.

Dated: 9/8/2014

ZIONS PUBLIC FINANCE, INC.

APPENDIX A: MAP OF CULINARY WATER IMPACT FEE SERVICE AREA



Appendix B: Peak Day Demand (GPM) Projections for Culinary Water

CURRENT AND FUTURE GPMs FOR THE CULINARY WATER SERVICE AREA

TABLE B.1: CURRENT AND FUTURE CULINARY WATER GPMs

Year	Peak Day Demand (gpm)	Storage Requirement (gpm)	Peak Day Demand (gpm)
2014	**6,835**		
2015	6,980		
2016	7,082		
2017	7,183		
2018	7,285		
2019	7,386		
2020	7,488		
2021	7,665		
2022	7,843		
2023	**8,020**		
2030	9,470		
2040	10,288		
2050	10,390		
Buildout	**10,465**		

Source: Park City Water Impact Fee Facilities Plan Figures 5-1 and 5-2 Prepared by Bowen Collins & Associates

TABLE B.2: CULINARY WATER GPMs

Culinary Water GPM	
Current Peak Day Demand (GPM)	6,835
Buildout Peak Day Demand (GPM)	10,465
Undeveloped Demand (GPM)	3,630
% Undeveloped	35%
GPM Demand Added in Ten Year	**1,185**

APPENDIX C: CULINARY WATER 10 YEAR CAPITAL PROJECTS

TABLE C.1: CULINARY WATER CAPITAL PROJECTS — **Inflation Rate*** 3.8%

Project Name	% to Existing / Project Level	% Impact Fee Qualifying - 10 Year	% Impact Fee Qualifying - Beyond 10 Year	Year to be Constructed	2014 Cost	Construction Cost with Inflation	10 Year Impact Fee Qualifying Cost	Impact Fee Qualifying Beyond 10 Years	Non Impact Fee Qualifying
Production									
	0.0%					$ -	$ -	$ -	$ -
Production Subtotal					**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Treatment									
Quinn's Treatment Plant Capacity Upgrade	0.0%	23.1%	76.9%	2014	$ 3,002,000	$ 3,114,575	$ 719,467	$ 2,395,108	$ -
Quinn's Treatment Plant Dewatering Improvements	33.1%	28.5%	38.4%	2014	2,509,000	3,114,575	887,654	1,195,997	1,030,924
Treatment Subtotal					**$ 5,511,000**	**$ 3,114,575**	**$ 719,467**	**$ 2,395,108**	**$ -**
Storage									
C5 - West Neck Tank - Phase 1 - Design	65.3%	11.3%	23.4%	2020	$ 150,000	$ 194,092	$ 21,932	$ 45,418	$ 126,742
C5 - West Neck Tank - Phase 2A Tank Construction	65.3%	11.3%	23.4%	2020	3,450,000	4,464,120	504,446	1,044,604	2,915,070
Park City Heights Tank	100.0%	0.0%	0.0%	2016	690,000	770,572	-	-	770,572
Silver Lake Tank II	65.3%	11.3%	23.4%	2021	2,012,500	2,701,722	305,295	632,203	1,764,225
Storage Subtotal					**$ 6,302,500**	**$ 8,130,507**	**$ 831,673**	**$ 1,722,225**	**$ 5,576,609**
Transmission									
PRV Improvements for Fire Flow Storage Access	100.0%	0.0%	0.0%	2014	$ 759,000	$ 787,463	$ -	$ -	$ 787,463
C3 - Quinn's Pump Station to PCH/Fairway Hills Tank	83.0%	5.6%	11.5%	2016	385,600	430,627	24,115	49,522	357,420
C3 - Quinn's WTP to Park City Heights	100.0%	0.0%	0.0%	2016	1,022,900	1,142,346	-	-	1,142,346
Auxiliary Power Impovements	65.3%	11.3%	23.4%	2014	172,500	178,969	20,223	41,879	116,867
C5 - West Neck Tank - Phase 2B - Pipelines	65.3%	11.3%	23.4%	2019	1,414,040	1,763,560	199,282	412,673	1,151,605
SCADA System Upgrade	100.0%	0.0%	0.0%	2014	1,000,000	1,037,500	-	-	1,037,500
C9 - Fairway Hills to Park Meadows Redundancy	65.3%	11.3%	23.4%	2019	73,600	91,792	10,373	21,479	59,940
C5 - Three Kings / Silver King Pump Station	65.3%	11.3%	23.4%	2014	956,100	991,954	112,091	232,117	647,746
C8 - Queen Esther Drive	100.0%	0.0%	0.0%	2014	577,000	598,638	-	-	598,638
C7 - Neck Tank to Last Chance	100.0%	0.0%	0.0%	2019	269,800	336,489	-	-	336,489
C1 - Quinn's WTP to Boothill - Phase 1A	7.2%	30.3%	62.5%	2014	926,300	961,036	291,194	600,648	69,195
C1 - Quinn's WTP to Boothill - Phase 1B	7.2%	30.3%	62.5%	2015	926,300	997,075	302,114	623,172	71,789
C2 - Quinn's WTP to Chatham	49.2%	16.6%	34.2%	2015	296,300	318,939	52,944	109,077	156,918
Transmission Subtotal					**$ 8,779,440**	**$ 9,636,387**	**$ 1,012,336**	**$ 2,090,567**	**$ 6,533,915**
Ten Year Total					**$ 20,592,940**	**$ 20,881,469**	**$ 2,563,475**	**$ 6,207,900**	**$ 12,110,524**

**Based on 20 years average cost of inflation using ENR*

Source: Bowen Collins & Associates Park City Impact Fee Facilities Plan Table 6-2

Table C.2: Total Capital Projects by Year

Project	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Production											
-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Production Subtotal	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment											
Quinn's Treatment Plant Capacity Upgrade	$ -	$ 3,114,575	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Quinn's Treatment Plant Dewatering Improvements	-	2,603,088	-	-	-	-	-	-	-	-	-
Treatment Subtotal	$ -	$ 3,114,575	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Storage											
C5 - West Neck Tank - Phase 1 - Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 194,092	$ -	$ -	$ -
C5 - West Neck Tank - Phase 2A Tank Construction	-	-	-	-	-	-	-	4,464,120	-	-	-
Park City Heights Tank	-	-	-	770,572	-	-	-	-	-	-	-
Silver Lake Tank II	-	-	-	-	-	-	-	-	2,701,722	-	-
Storage Subtotal	$ -	$ -	$ -	$ 770,572	$ -	$ -	$ -	$ 4,658,212	$ 2,701,722	$ -	$ -
Transmission											
PRV Improvements for Fire Flow Storage Access	$ -	$ 787,463	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
C3 - Quinn's Pump Station to PCH/Fairway Hills Tank	-	-	-	430,627	-	-	-	-	-	-	-
C3 - Quinn's WTP to Park City Heights	-	-	-	1,142,346	-	-	-	-	-	-	-
Auxiliary Power Impovements	-	178,969	-	-	-	-	-	-	-	-	-
C5 - West Neck Tank - Phase 2B - Pipelines	-	-	-	-	-	-	1,763,560	-	-	-	-
SCADA System Upgrade	-	1,037,500	-	-	-	-	-	-	-	-	-
C9 - Fairway Hills to Park Meadows Redundancy	-	-	-	-	-	-	91,792	-	-	-	-
C5 - Three Kings / Silver King Pump Station	-	991,954	-	-	-	-	-	-	-	-	-
C8 - Queen Esther Drive	-	598,638	-	-	-	-	-	-	-	-	-
C7 - Neck Tank to Last Chance	-	-	-	-	-	-	336,489	-	-	-	-
C1 - Quinn's WTP to Boothill - Phase 1A	-	961,036	-	-	-	-	-	-	-	-	-
C1 - Quinn's WTP to Boothill - Phase 1B	-	-	997,075	-	-	-	-	-	-	-	-
C2 - Quinn's WTP to Chatham	-	-	318,939	-	-	-	-	-	-	-	-
Transmission Subtotal	$ -	$ 4,555,559	$ 1,316,014	$ 1,572,973	$ -	$ -	$ 2,191,841	$ -	$ -	$ -	$ -
Total Capital Projects	**$ -**	**$ 7,670,134**	**$ 1,316,014**	**$ 2,343,545**	**$ -**	**$ -**	**$ 2,191,841**	**$ 4,658,212**	**$ 2,701,722**	**$ -**	**$ -**

Table C.3: Impact Fee Qualifying Capital Projects WITHIN TEN YEARS by Year

Project	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Production											
0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Production Subtotal	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment											
Quinn's Treatment Plant Capacity Upgrade	$ -	$ 719,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Quinn's Treatment Plant Dewatering Improvements	-	741,880	-	-	-	-	-	-	-	-	-
Treatment Subtotal	$ -	$ 719,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Storage											
C5 - West Neck Tank - Phase 1 - Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,932	$ -	$ -	$ -
C5 - West Neck Tank - Phase 2A Tank Construction	-	-	-	-	-	-	-	504,446	-	-	-
Park City Heights Tank	-	-	-	-	-	-	-	-	-	-	-
Silver Lake Tank II	-	-	-	-	-	-	-	-	305,295	-	-
Storage Subtotal	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 526,378	$ 305,295	$ -	$ -
Transmission											
PRV Improvements for Fire Flow Storage Access	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
C3 - Quinn's Pump Station to PCH/Fairway Hills Tank	-	-	-	24,115	-	-	-	-	-	-	-
C3 - Quinn's WTP to Park City Heights	-	-	-	-	-	-	-	-	-	-	-
Auxiliary Power Impovements	-	20,223	-	-	-	-	-	-	-	-	-
C5 - West Neck Tank - Phase 2B - Pipelines	-	-	-	-	-	-	199,282	-	-	-	-
SCADA System Upgrade	-	-	-	-	-	-	-	-	-	-	-
C9 - Fairway Hills to Park Meadows Redundancy	-	-	-	-	-	-	10,373	-	-	-	-
C5 - Three Kings / Silver King Pump Station	-	112,091	-	-	-	-	-	-	-	-	-
C8 - Queen Esther Drive	-	-	-	-	-	-	-	-	-	-	-
C7 - Neck Tank to Last Chance	-	-	-	-	-	-	-	-	-	-	-
C1 - Quinn's WTP to Boothill - Phase 1A	-	291,194	-	-	-	-	-	-	-	-	-
C1 - Quinn's WTP to Boothill - Phase 1B	-	-	302,114	-	-	-	-	-	-	-	-
C2 - Quinn's WTP to Chatham	-	-	52,944	-	-	-	-	-	-	-	-
Transmission Subtotal	$ -	$ 423,508	$ 355,058	$ 24,115	$ -	$ -	$ 209,655	$ -	$ -	$ -	$ -
Impact Fee Qualifying - 10 Year Growth	**$ -**	**$ 1,142,975**	**$ 355,058**	**$ 24,115**	**$ -**	**$ -**	**$ 209,655**	**$ 526,378**	**$ 305,295**	**$ -**	**$ -**

Table C.4: Impact Fee Qualifying Capital Projects BEYOND TEN YEARS by Year

Project	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Production											
	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Production Subtotal	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment											
Quinn's Treatment Plant Capacity Upgrade	$ -	$ 2,395,108	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Quinn's Treatment Plant Dewatering Improvements	-	999,586	-	-	-	-	-	-	-	-	-
Treatment Subtotal	$ -	$ 2,395,108	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Storage											
C5 - West Neck Tank - Phase 1 - Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 45,418	$ -	$ -	$ -
C5 - West Neck Tank - Phase 2A Tank Construction	-	-	-	-	-	-	-	1,044,604	-	-	-
Park City Heights Tank	-	-	-	-	-	-	-	-	-	-	-
Silver Lake Tank II	-	-	-	-	-	-	-	-	632,203	-	-
Storage Subtotal	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,090,022	$ 632,203	$ -	$ -
Transmission											
PRV Improvements for Fire Flow Storage Access	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
C3 - Quinn's Pump Station to PCH/Fairway Hills Tank	-	-	-	49,522	-	-	-	-	-	-	-
C3 - Quinn's WTP to Park City Heights	-	-	-	-	-	-	-	-	-	-	-
Auxiliary Power Impovements	-	41,879	-	-	-	-	-	-	-	-	-
C5 - West Neck Tank - Phase 2B - Pipelines	-	-	-	-	-	-	412,673	-	-	-	-
SCADA System Upgrade	-	-	-	-	-	-	-	-	-	-	-
C9 - Fairway Hills to Park Meadows Redundancy	-	-	-	-	-	-	21,479	-	-	-	-
C5 - Three Kings / Silver King Pump Station	-	232,117	-	-	-	-	-	-	-	-	-
C8 - Queen Esther Drive	-	-	-	-	-	-	-	-	-	-	-
C7 - Neck Tank to Last Chance	-	-	-	-	-	-	-	-	-	-	-
C1 - Quinn's WTP to Boothill - Phase 1A	-	600,648	-	-	-	-	-	-	-	-	-
C1 - Quinn's WTP to Boothill - Phase 1B	-	-	623,172	-	-	-	-	-	-	-	-
C2 - Quinn's WTP to Chatham	-	-	109,077	-	-	-	-	-	-	-	-
Transmission Subtotal	$ -	$ 874,644	$ 732,249	$ 49,522	$ -	$ -	$ 434,153	$ -	$ -	$ -	$ -
Impact Fee Qualifying - Beyond Ten Years	**$ -**	**$ 3,269,752**	**$ 732,249**	**$ 49,522**	**$ -**	**$ -**	**$ 434,153**	**$ 1,090,022**	**$ 632,203**	**$ -**	**$ -**

Table C.5: Non Impact Fee Qualifying Capital Projects by Year

Project	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Production											
	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Production Subtotal	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment											
Quinn's Treatment Plant Capacity Upgrade	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Quinn's Treatment Plant Dewatering Improvements	-	861,622	-	-	-	-	-	-	-	-	-
Treatment Subtotal	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Storage											
C5 - West Neck Tank - Phase 1 - Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 126,742	$ -	$ -	$ -
C5 - West Neck Tank - Phase 2A Tank Construction	-	-	-	-	-	-	-	2,915,070	-	-	-
Park City Heights Tank	-	-	-	770,572	-	-	-	-	-	-	-
Silver Lake Tank II	-	-	-	-	-	-	-	-	1,764,225	-	-
Storage Subtotal	$ -	$ -	$ -	$ 770,572	$ -	$ -	$ -	$ 3,041,812	$ 1,764,225	$ -	$ -
Transmission											
PRV Improvements for Fire Flow Storage Access	$ -	$ 787,463	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
C3 - Quinn's Pump Station to PCH/Fairway Hills Tank	-	-	-	357,420	-	-	-	-	-	-	-
C3 - Quinn's WTP to Park City Heights	-	-	-	1,142,346	-	-	-	-	-	-	-
Auxiliary Power Impovements	-	116,867	-	-	-	-	-	-	-	-	-
C5 - West Neck Tank - Phase 2B - Pipelines	-	-	-	-	-	-	1,151,605	-	-	-	-
SCADA System Upgrade	-	1,037,500	-	-	-	-	-	-	-	-	-
C9 - Fairway Hills to Park Meadows Redundancy	-	-	-	-	-	-	59,940	-	-	-	-
C5 - Three Kings / Silver King Pump Station	-	647,746	-	-	-	-	-	-	-	-	-
C8 - Queen Esther Drive	-	598,638	-	-	-	-	-	-	-	-	-
C7 - Neck Tank to Last Chance	-	-	-	-	-	-	336,489	-	-	-	-
C1 - Quinn's WTP to Boothill - Phase 1A	-	69,195	-	-	-	-	-	-	-	-	-
C1 - Quinn's WTP to Boothill - Phase 1B	-	-	71,789	-	-	-	-	-	-	-	-
C2 - Quinn's WTP to Chatham	-	-	156,918	-	-	-	-	-	-	-	-
Transmission Subtotal	$ -	$ 3,257,407	$ 228,707	$ 1,499,766	$ -	$ -	$ 1,548,034	$ -	$ -	$ -	$ -
Non Impact Fee Qualifying	**$ -**	**$ 3,257,407**	**$ 228,707**	**$ 2,270,338**	**$ -**	**$ -**	**$ 1,548,034**	**$ 3,041,812**	**$ 1,764,225**	**$ -**	**$ -**

Appendix D: Historic District Asset Data

Table D.1: Historic Asset Data Summary

System	Production	Storage	Transmission	Treatment	Other	Total Cost
Conservation					$ 90,000	$ 90,000
Equipment	34,192		1,635,376	83,606	559,614	2,312,788
Not Water					492,160	492,160
Project		419,800	9,682,524	286,416	758,137	11,146,877
System	8,357,888	6,077,068	22,294,246	16,134,144		52,863,346
System - At Capacity	17,256,528	690,000	21,874	10,786,683		28,755,085
Vehicle					364,577	364,577
Totals	**$ 25,648,607**	**$ 7,186,868**	**$ 33,634,021**	**$ 27,290,850**	**$ 2,264,488**	**$ 96,024,833**

Table D.2: Qualifying and Non-Qualifying Asset Summary

	Production	Storage	Transmission	Treatment	Other	Total Cost
Qualifying Total	33%	78%	64%	58%	0%	54%
Non-Qualifying	67%	22%	36%	42%	100%	46%
Totals	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Table D.3: Total Assets Qualifying and Non-Qualifying Summary

	Production	Storage	Transmission	Treatment	Other	Total Cost
Qualifying Total	$ 8,357,888	$ 5,627,068	$ 21,536,608	$ 15,901,475	$ -	$ 51,423,039
Non-Qualifying	17,290,720	1,559,800	12,097,412	11,389,374	2,264,488	44,601,794
Totals	**$ 25,648,607**	**$ 7,186,868**	**$ 33,634,021**	**$ 27,290,850**	**$ 2,264,488**	**$ 96,024,833**

Table D.4: Assets Reduced by Capacity Available to Serve 10 Year Demand

	Production	Storage	Transmission	Treatment	Other	Total Cost
10 Yr Qualifying Total	$ 2,749,745	$ 641,486	$ 1,615,246	$ 5,358,797	$ -	$ 10,365,274
Non-Qualifying	22,898,862	6,545,382	32,018,775	21,932,052	2,264,488	85,659,560
Totals	**$ 25,648,607**	**$ 7,186,868**	**$ 33,634,021**	**$ 27,290,850**	**$ 2,264,488**	**$ 96,024,833**

Appendix E: Historic City Asset Data

Table E.1: Detailed Asset List

Asset #	Description	Owning System	Type	Service Life	In Service	Funding	Qualifying	Acquire Date	Function	Original Cost	Notes
00001	SPIRO WATER Treatment PLANT BUILDING	Water	System - At Capacity	30.00	Yes	City	Non-Qualifying	11/30/1992	Treatment	$480,000	
00327	MOTOR-WESTINGHOUSE 75 HP-6910 MODEL	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$15,000	
00328	MOTOR--WESTINGHOUSE 50 HP--297A601G05	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$13,000	
00329	MOTOR-- U S ELECTRIC 75 HP--R3252036--A	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$15,000	
00331	PUMP--NICKERSON 75 HP--810921D--AT NEC	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$15,000	
00332	PUMP--LAYNE--94091--AT NECK TANK-STONEBR	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$15,000	
00333	MOTOR-WESTINGHOUSE 100 HP & SWITCH GE	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$17,500	
00334	GOLF COURSE NORTH PUMP STATION	Golf Course	Not Water	10.00	N/A	City	Non-Qualifying	6/30/1980	Other	$13,000	
00335	PUMP--NICKERSON 100 HP--810921B--AT BO	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$17,500	
00336	GOLF C. NORTH PUMPBERKELEY 50 HP-7525789	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$13,000	
00337	MOTOR--WESTINGHOUSE 50 HP--388P525G01	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$13,000	
00338	MOTOR--WESTINGHOUSE 40 HP & 40 HP SWIT	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$11,000	
00339	PUMP--LAYNE--T 80360--AT N. LAKE FLAT-SI	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$15,000	
00340	MOTOR--U S ELECTRIC 75 HP--R2134316M-SIL	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$15,000	
00341	MOTOR-U S ELECTRIC 100 HP-R3242033-PRIMA	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$17,500	
00342	GOLF COURSE NORTH PUMP	Golf Course	Not Water	10.00	N/A	City	Non-Qualifying	6/30/1980	Other	$13,000	
00343	GOLF COURSE NORTH PUMP	Golf Course	Not Water	10.00	N/A	City	Non-Qualifying	6/30/1980	Other	$13,000	
00345	MOTOR--U S ELECTRIC 30 HP--R2135533MM-	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$10,000	
00346	MOTOR--NEWMAN 40 HP--741L2444--AT THER	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$11,000	
00347	MOTOR-U S ELECTRIC 100 HP-R3252034-PRIMA	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$17,500	
00348	MOTOR--U S ELECTRIC 60 HP & SWITCH GEA	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$15,000	
00349	MOTOR-U S ELECTRIC 60 HP--R1001629--A	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$15,000	
00350	PUMP-NICKERSON 100 HP--810921A--AT BO-PR	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1980	Other	$10,000	
00359	ALUMINIUM UTILITY BED	Water	Equipment	10.00	No	City	Non-Qualifying	4/30/1993	Other	$9,215	
00382	METER READER - SENSUS 3001	Water	Equipment	10.00	No	City	Non-Qualifying	9/30/1992	Other	$5,173	
00391	CHATHAM CROSSING TELEMETRY CONTROLS	Water	System	10.00	Yes	City	Qualifying	6/30/1995	Transmission	$18,250	
00395	UTILITY BED FOR 1994 GMC 4X4-F/A#393	Water	Equipment	10.00	No	City	Non-Qualifying	10/30/1994	Other	$8,055	
00397	DUMP/HOIST/CAM VIBRATOR.	Water	Equipment	10.00	No	City	Non-Qualifying	1/30/1995	Other	$5,300	
00403	FRANKLIN SUBMERS MOTOR/SUPPLIES	Water	Equipment	10.00	No	City	Non-Qualifying	2/28/1996	Other	$6,630	
01182	Hitachi Submersible Motor	Water	Equipment	10.00	No	City	Non-Qualifying	7/24/1996	Other	$5,936	
01184	6in Thompson Trash Sewage Pump Model 6TS	Water	Equipment	10.00	No	City	Non-Qualifying	6/30/1997	Other	$9,500	
01368	Seismic Mezzanine System	Water	System	30.00	Yes	City	Qualifying	6/18/1998	Transmission	$6,971	Inventory Storage
01411	Last Chance Pump Station	Water	System	30.00	Yes	City	Qualifying	3/26/1998	Transmission	$241,991	
01412	Radio Remote Meter Reading System	Water	Equipment		NO	City	Non-Qualifying	6/30/1998	Other	$74,371	
01454	1987 HYSTER SPACESAVER USED FORKLIFT	Water	Equipment	30.00	Yes	City	Non-Qualifying	8/27/1998	Other	$11,630	
01547	Floway Pumps multistage	Water	Equipment	10.00	No	City	Non-Qualifying	11/20/1998	Other	$15,336	
01637	Siesmic Mezzannine System	Water	Equipment	30.00	Yes	City	Non-Qualifying	10/16/1998	Other	$12,691	
01774	Trav-L-Vacx 300 Wachs Model	Water	Equipment			City	Non-Qualifying	6/29/2000	Other	$12,650	
01971	PUMP-DIVIDE WELL	Water	System - At Capacity	10.00	Yes	City	Non-Qualifying	6/30/2001	Production	$38,218	Divide Well
02128	Limitorque Actuator	Water	Equipment	15.00	Yes	City	Non-Qualifying	12/13/2001	Production	$5,521	
02129	Limitorque Actuator	Water	Equipment	15.00	Yes	City	Non-Qualifying	12/14/2001	Production	$5,521	
02140	Handheld Meter Reading Device	Water	Equipment	10.00	Yes	City	Non-Qualifying	10/18/2001	Other	$9,533	
02142	JSSD RTU antenna and cable	Water	Equipment	10.00	Yes	City	Non-Qualifying	6/27/2002	Transmission	$5,750	
02143	JSSD RTU antenna and cable	Water	Equipment	10.00	Yes	City	Non-Qualifying	6/27/2002	Transmission	$6,150	
02272	Floway 6 stage Replacement Bowl 51-45064	Water	Equipment	10.00	Yes	City	Non-Qualifying	10/16/2002	Transmission	$8,603	
02273	RTU Mine Tunnel 51-45048-7319	Water	Equipment	10.00	Yes	City	Non-Qualifying	9/10/2002	Production	$5,000	Scada
02274	RTU Spiro East and North 51-45048-7319	Water	Equipment	10.00	Yes	City	Non-Qualifying	9/10/2002	Transmission	$5,300	Scada
02275	RTU Resort 51-45048-7319	Water	Equipment	10.00	Yes	City	Non-Qualifying	9/10/2002	Transmission	$5,300	Scada
02276	RTU GOLF COURSE Back 9 51-45048-7319	Water	Equipment	10.00	Yes	City	Non-Qualifying	9/10/2002	Transmission	$5,500	Scada
02277	RTU GOLF COURSE Front 9 51-45048-7319	Water	Equipment	10.00	Yes	City	Non-Qualifying	9/10/2002	Transmission	$5,500	Scada
02344	Ingersoll Air Compressor-51-45064-7319	Water	Equipment	11.00	No	City	Non-Qualifying	8/20/2003	Other	$13,020	Spiro Water Treatement
02356	RTU-Judge Tunnel-51-45067-7319	Water	System - At Capacity	10.00	Yes	City	Non-Qualifying	11/26/2003	Production	$5,500	
02357	RTU for Judge Tunnel Alarms51-40451-5351	Water	Equipment	10.00	Yes	City	Non-Qualifying	11/6/2003	Production	$5,500	
02359	VXU Vehicle Unit with Laptop-Sensus 1-45	Water	Equipment	5.00	No	City	Non-Qualifying	12/18/2003	Other	$18,500	
02367	RTU-New Flume Site-51-45067-7319	Water	Equipment	10.00	Yes	City	Non-Qualifying	11/26/2003	Transmission	$5,500	
02613	SUBMERSIBLE MOTOR-8" SANDFIGHTER	Water	Equipment	10.00	Yes	City	Non-Qualifying	10/18/2006	Production	$12,650	

58	02677	RTU-TELEMETER EQUIPMENT	Water	Equipment	10.00	Yes	City	Non-Qualifying	1/23/2007	Transmission	$8,000	
59	02761	AR5002 HHD	Water	Equipment	10.00	Yes	City	Non-Qualifying	6/22/2007	Transmission	$5,503	Telemetry
60	02762	AR5002 HHD	Water	Equipment	10.00	Yes	City	Non-Qualifying	6/30/2007	Transmission	$5,503	Telemetry
61	02943	NEW HAMMER CATERPILLAR HM 303 H55	Water	Vehicle	5.00	Yes	City	Non-Qualifying	2/28/2008	Other	$9,500	
62	03283	2008 YAMAHA RHINO 700 SNOWMOBILE	Water	Vehicle	5.00	Yes	City	Non-Qualifying	8/7/2008	Other	$13,931	
63	03467	2009 TAILER FOR 3,000 GAL TANK(FA 03514)	Water	Equipment	5.00	Yes	City	Non-Qualifying	5/21/2009	Other	$18,066	
64	03514	3000 GAL WATER TANK GOES ON (FA 03467)	Water	Equipment	5.00	Yes	City	Non-Qualifying	6/11/2009	Other	$8,050	Tank
65	03778	BACKUP WATER SYSTEM IHC HOSPITAL	Water	Equipment	30.00	No	City	Non-Qualifying	10/29/2009	Other	$23,827	Temporary Developer Fix not in use
66	05374	FLAGSTFF PUMP STATION MODIFICATIONS	Water	Equipment	30.00	Yes	City	Non-Qualifying	11/11/2011	Transmission	$10,333	Addition to the Red Cloud Pumps
67	05376	SWAMP FOX RTU BALD EAGLE PUMP STATION	Water	Equipment	10.00	Yes	City	Non-Qualifying	12/22/2011	Transmission	$5,814	Telemetry
68	05377	SWAMP FOX RTU FLAGSTAFF PUMP STATION	Water	Equipment	10.00	Yes	City	Non-Qualifying	12/22/2011	Other	$7,446	Telemetry
69	05449	METER VAULT REPLACEMENT PROJECT	Water	Equipment	30.00	Yes	City	Non-Qualifying	8/12/2011	Transmission	$1,544,995	
70	06064	9TH & EMPIRE AVE PRV RTU	Water	Equipment	10.00	Yes	City	Non-Qualifying	10/26/2012	Transmission	$7,625	
71	06340	QUINNS WTP STAIR LIFTSARUM CHAIR	Water	System	20.00	Yes	City	Qualifying	2/15/2013	Treatment	$17,500	
72	06417	QUINNS WTP PALL EQUIPMENT	Water	System	10.00	Yes	City	Qualifying	6/30/2012	Treatment	$1,632,145	
73	06419	QUINNS WTP BOOM LIFT	Water	Equipment	15.00	Yes	City	Non-Qualifying	6/30/2012	Treatment	$16,825	Equipment related to plant
74	06420	QUINNS WTP HVAC	Water	System	20.00	Yes	City	Qualifying	6/30/2012	Treatment	$259,850	
75	06421	QUINNS WTP FIRE SUPPRESSION SYSTEM	Water	System	30.00	Yes	City	Qualifying	6/30/2012	Treatment	$40,000	
76	06422	QUINNS WTP SECURITY SYSTEM	Water	System	10.00	Yes	City	Qualifying	6/30/2012	Treatment	$157,218	
77	06423	QUINNS WTP MULTI TERRAIN LOADER	Water	Equipment	15.00	Yes	City	Non-Qualifying	6/30/2012	Treatment	$66,781	Equipment related to plant
78	06424	QUINNS WTP LAB CABINETRY	Water	System	30.00	Yes	City	Qualifying	6/30/2012	Treatment	$16,382	
79	06425	QUINNS WTP AMIAD ABE-15000 PRE-FILTER	Water	System	15.00	Yes	City	Qualifying	6/30/2012	Treatment	$61,508	
80	06426	QUINNS WTP DR 5000 UV/VIS SPECTRO	Water	System	6.00	Yes	City	Non-Qualifying	6/30/2012	Treatment	$7,669	
81	06428	QUINNS WTP GAC CONTACTOR TANK	Water	System	30.00	Yes	City	Qualifying	6/30/2012	Treatment	$290,000	
82	06429	QUINNS WTP FRP STORAGE TANKS	Water	System	15.00	Yes	City	Qualifying	6/30/2012	Treatment	$100,000	
83	06430	QUINNS WTP CHEM FEEDING EQUIP & PUMPS	Water	System	5.00	Yes	City	Non-Qualifying	6/30/2012	Treatment	$45,000	
84	06431	QUINNS WTP LINES IN CHEMICAL ROOM	Water	System	5.00	Yes	City	Non-Qualifying	6/30/2012	Treatment	$75,000	
85	06432	QUINNS WTP CIP PIPING IN CHEMICAL ROOM	Water	System	5.00	Yes	City	Non-Qualifying	6/30/2012	Treatment	$105,000	
86	06433	QUINNS WTP BRIDGE CRANE & MONORAIL	Water	System	30.00	Yes	City	Qualifying	6/30/2012	Treatment	$81,000	Equipment related to plant
87	06434	QUINNS WTP HIGH SERVICE PUMPS	Water	System	10.00	Yes	City	Qualifying	6/30/2012	Treatment	$355,000	
88	06435	QUINNS WTP PLATE SETTLERS	Water	System	20.00	Yes	City	Qualifying	6/30/2012	Treatment	$240,000	
89	06436	QUINNS WTP CAVITY/END SUCTION PUMPS	Water	System	10.00	Yes	City	Qualifying	6/30/2012	Treatment	$60,000	
90	06437	QUINNS WTP MEMBRANE TRAINS	Water	System	10.00	Yes	City	Qualifying	6/30/2012	Treatment	$50,000	
91	06438	QUINNS WTP PIPE SUPPORTS/STAIRS	Water	System	30.00	Yes	City	Qualifying	6/30/2012	Treatment	$90,000	
92	06439	QUINNS WTP ELECT CABLE TRAY	Water	System	30.00	Yes	City	Qualifying	6/30/2012	Treatment	$80,000	
93	06440	QUINNS WTP INSTUMENTATION	Water	System	10.00	Yes	City	Qualifying	6/30/2012	Treatment	$297,000	
94	06441	QUINNS WTP GENERATOR/FUEL TANK	Water	System	15.00	Yes	City	Qualifying	6/30/2012	Treatment	$500,000	
95	06442	QUINNS WTP PALL EQUIPMENT FY 2013	Water	System	10.00	Yes	City	Qualifying	4/30/2013	Treatment	$188,071	
96	00002	SPIRO WATER Treatment PLANT	Water	System - At Capacity	30.00	Yes	City	Non-Qualifying	11/30/1992	Treatment	$2,876,431	
97	00003	10AC-500 FT ALONG WEST HOLIDAY RANCH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,515	
98	00004	6PVC-370 FT ALONG RED MAPLE CT. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,040	
99	00005	10DI-700 FT ALONG HWY 248 NEAR HIGH SC	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$18,920	
100	00006	10PMA-400 FT ALONG NORTHEAST MEADOWS	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$12,838	
101	00007	10PVC-520 FT ALONG NORTH CRESTLINE DR	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$16,689	
102	00008	10PVC-850 FT IN SOLAMERE II ALONG SOL	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$30,311	
103	00009	10PVC-590 FT FROM HWY 248 TO SHOPPING	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$15,947	
104	00010	13TH STREET & EMPIRE AVE. PUMPHOUSE	Water	System	30.00	Yes	City	Qualifying	6/15/1980	Transmission	$4,000	
105	00011	12AC-570 FT FROM SPIRO TUNNEL TO THER	Water	System	30.00	Yes	City	Qualifying	6/15/1980	Transmission	$16,461	
106	00012	12AC-ALONG MONITOR DR. 4H 4V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$25,702	
107	00013	10PVC-850 FT ALONG DEER VALLEY EAST T	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$27,280	
108	00014	12DI-890 FT FROM BOOTHILL RES TO HWY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$25,702	
109	00015	2PVC-160 FT ALONG DOUBLE JACK CT. OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,589	
110	00016	12DI-890 FT FROM EMPIRE TO WOODSIDE R	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$25,702	
111	00017	14AC-990 FT ALONG 3 KINGS DR. OH 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$30,803	
112	00018	14DI-250 FT ALONG MAIN ST (2ND TO DAL	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,263	
113	00019	14DI-250 FT FROM JUDGE TO EMPIRE LINE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$16,180	
114	00020	14DI-530 FT WHERE JUDGE & ALLIANCE JO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,139	
115	00021	14DI-270 FT AROUND EMPIRE RESERVOIR	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,401	
116	00022	2PVC-180 FT ALONG KEYSTONE CT. OH 1	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,913	
117	00023	14DI-700 FT FROM HWY 248 NEAR HIGH SC	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$21,780	
118	00024	2GAL-330 ST NORTHEAST OFF 13TH & NORF	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$4,255	
119	00025	14DI-310 FT FROM ALLIANCE TO EMPIRE L	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$7,685	
120	00026	6AC-880 FT ALONG NORTH SIDE HWY 248 N	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$19,123	
121	00027	2PVC-200 FT ALONG SILVER QUEEN CT. O	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,237	

122	00028	2PVC-160 FT ALONG NAIL DRIVE CT. OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,589	
123	00029	6AC-310 FT ALONG COCHISE CT. 2H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$6,737	
124	00030	2PVC-80 FT ALONG SINGLE JACK CT. OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$1,295	
125	00031	4CI-740 FT ALONG 400 BLK MAIN PAST ON	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$18,507	
126	00032	4CI-890 FT TO SEWAGE Treatment PLANT	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$22,259	
127	00033	4PVC-410 FT FROM PARK AVE TO SNOW CTR	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$7,772	
128	00034	4DI-320 FT ALONG PRUITE (MARSAC TO ON	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,003	
129	00035	6AC-360 FT ALONG GOLD DUST LN. 1H 1	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$7,823	
130	00036	6AC-200 FT EAST ALONG SOUTH OF PAYDAY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$4,346	
131	00037	6AC-220 FT ALONG WEBSTER CT. 1H OV	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,677	
132	00038	4PVC-180 FT EAST OFF MAIN AT CAPTAIN	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,412	
133	00039	6AC-270 FT ALONG CALUMET CR. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,867	
134	00040	6AC-350 FT ALONG BELLE STAR CT. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$7,606	
135	00041	6PVC-940 FT ON NORTHEAST SIDE OF HOME	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$20,427	
136	00042	6AC-370 FT NORTHWEST OF MORNING STAR	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,040	
137	00043	6AC-450 FT ALONG NORTH OF PAYDAY COND	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,779	
138	00044	6AC-550 FT ALONG SAMUEL COLT CIRCLE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$11,952	
139	00045	6AC-600 FT ALONG BUFFALO BILL DR. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,039	
140	00046	6AC-800 FT ALONG MONARCH DR. 3H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$17,385	
141	00047	6AC-650 FT ALONG SILVER KING DR. OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$11,254	
142	00048	2PVC-200 FT ALONG BONANZA CT. OH 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,237	
143	00049	6AC-820 FT ALONG WEBSTER DR. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$21,158	
144	00050	6AC-840 FT ALONG BUTCH CASSIDY TO WYA	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$18,254	
145	00051	6AC-750 FT MORNING STAR CT. 2H 0V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$16,298	
146	00052	6AC-870 FT ALONG 3 KINGS CT. 1H 2V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$18,906	
147	00053	6CI-500 FT ALONG CLAIM JUMPER CR. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,865	
148	00054	6AV-90 FT FROM HWY 248 TO PACIFIC WEL	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$1,956	
149	00055	6DI-190 FT FROM WOODSIDE TO PARK AV (	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,290	
150	00056	6CI-620 FT ALONG HIDDEN SPLENDOR CR.	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,473	
151	00057	6CI-820 FT ALONG THAYNES CANYON DR. T	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$17,819	
152	00058	6DI-110 FT ALONG 11TH STREET OH OV	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$1,905	
153	00059	6PVC-330 FT ALONG WHITE PINE CT. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$7,171	
154	00060	6DI-110 FT SOUTH OFF WEST END IRON HO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$1,905	
155	00061	6DI-200 FT ALONG 10TH STREET OH OV	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,463	
156	00062	6DI-150 FT ALONG KINGS RD. (NORFOLK T	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,597	
157	00063	6DI-150 FT FROM GRANT TO SANDRIDGE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,597	
158	00064	6CI-510 FT ALONG MARSAC AVE. 2H 3	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$14,622	
159	00065	6DI-180 FT FROM NORFOLK TO WOODSIDE (	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,116	
160	00066	6DI-450 FT TO SILVERBIRD CONDOS OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$11,611	
161	00067	6DI-600 FT ALONG 13TH STREET OH 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,388	
162	00068	6PVC-310 FT ALONG SUNRISE CR. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$6,737	
163	00069	6DI-200 FT ALONG 4TH STREET (WOODSIDE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,463	
164	00070	6DI-210 FT FROM WOODSIDE TO PARK AV (	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,636	
165	00071	6DI-300 FT ALONG 12 TH STREET OH 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,194	
166	00072	6PVC-190 FT ALONG 1360 BLK. WEST OFF	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,290	
167	00073	6DI-300 FT ALONG 1450 BLK. EAST OFF P	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,194	
168	00074	6PVC-310 FT ALONG ELADAR PLACE 1H 1	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$7,999	
169	00075	6PVC-300 FT ALONG WILSON CT. 2H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$6,519	
170	00076	6DI-320 FT ALONG 8TH STREET OH OV	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,540	
171	00077	6DI-390 FT ALONG 5TH ST (MAIN TO WOO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$6,752	
172	00078	6PVC-190 FT ALONG DAVIS CT. OH 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$4,129	
173	00079	6DI-470 FT ALONG 15TH STREET 1I 1W	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,137	
174	00080	8PVC-700 FT FR. 10 NEAR SILVER KING	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,667	
175	00081	6PVC-280 FT ALONG EAST SIDE SHOPPING	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$6,085	
176	00082	6PVC-290 FT ALONG STANFORD CT. 1H 1	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$6,302	
177	00083	6PVC-280 FT ALONG RED PINE CT. 1H 0	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$6,085	
178	00084	6DI-600 FT ALONG 9TH STREET (EMPIRE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,388	
179	00085	6DI-600 FT ALONG SANDRIDGE 2H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,388	
180	00086	6DI-600 FT ALONG CHAMBERS AVE. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,388	
181	00087	6PVC-100 FT ALONG SOUTH END OF SILVER	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,173	
182	00088	6DI-770 FT ALONG PROSPECT AVE. 2H 2	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,332	
183	00089	6DI-80 FT ALONG 1370 BLK. EAST OFF PA	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$1,385	
184	00090	6DI-600 FT ALONG GRANT AVE. 3H 4V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,388	
185	00091	6DI-850 FT ALONG WOODSIDE (13TH TO 15	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$14,717	

186	00092	6PVC-100 FT ALONG 1410 BLK. WEST OFF	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$1,731	
187	00093	6DI-600 FT ALONG 3RD STREET (MAIN ST	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,388	
188	00094	6PVC-100 FT ALONG YAMAHA CT. OH 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,173	
189	00095	6PVC-260 FT ALONG SAGURA CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,650	
190	00096	6PVC-240 FT ALONG SPAULDING CT. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,215	
191	00097	6PVC-200 FT ALONG SUNNY SLOPE CT. OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$4,346	
192	00098	6PVC-130 FT ALONG DAYSTAR CR. OH 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,354	
193	00099	6PVC-200 FT ALONG CREEK CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,161	
194	00100	6DI-600 FT ALONG 2ND STREET (NORFOLK	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,388	
195	00101	6PVC-170 FT ALONG YANEX CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,694	
196	00102	6PVC-180 FT FROM MCHENRY AV TO ONTARI	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,116	
197	00103	6PVC-110 FT ALONG HEAD CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,390	
198	00104	6PVC-380 FT WEST OFF MAIN AT CAPTAIN	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,258	
199	00105	12DI-890 FT FROM BOOTHILL RES TO HWY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$25,702	
200	00106	6PVC-400 FT ALONG CACHE OH 2V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,321	
201	00107	6PVC-480 FT ALONG BONANZA DR. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,431	
202	00108	6PVC-400 FT ALONG GERONIMO CT. 1H 1	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,692	
203	00109	6PVC-410 FT ALONG GALILEO CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,910	
204	00110	6PVC-420 FT ALONG TWILIGHT CT. 1H 1	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,127	
205	00111	6PVC-440 FT ALONG POISON CREEK LANE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,562	
206	00112	6PVC-520 FT ALONG AVATR CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,418	
207	00113	6PVC-440 FT ALONG EQUESTRIAN WAY 2H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,562	
208	00114	6PVC-450 FT ALONG CONDOS AT SOUTH END	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,779	
209	00115	6PVC-450 FT FROM ANNIE OAKLY TO SIDEW	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,779	
210	00116	6PVC-470 FT ALONG HACKNEY CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,214	
211	00117	6PVC-600 FT ALONG VENUS CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,039	
212	00118	6PVC-680 FT ALONG SUNSET CT. 2H 2V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$14,777	
213	00119	6PVC-440 FT ALONG THAYNES CANYON WAY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,562	
214	00120	6PVC-520 FT ALONG MORNING STAR DR. 0	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$11,300	
215	00121	6PVC-530 FT ALONG LAKE VIEW CT. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$11,517	
216	00122	6PVC-590 FT ALONG LITTLE BESSY AV. WE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$12,821	
217	00123	6PVC-590 FT ALONG WOODBINE WAY 2H 2	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,215	
218	00124	6PVC-600 FT ALONG MELLOW MT. RD. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$15,482	
219	00125	6PVC-680 FT ALONG ARABIAN DR. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$14,777	
220	00126	6PVC-600 FT ALONG INA AVE. 2H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,039	
221	00127	6PVC-610 FT ALONG MCHENRY AV 1H 3V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,561	
222	00128	6PVC-670 FT FR ARABIAN DR. TO LUCKY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$14,560	
223	00129	6PVC-460 FT ALONG RIVER BIRCH CT. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,996	
224	00130	6PVC-690 FT ALONG MOUNTAIN OAK CT. 1	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$14,994	
225	00131	6PVC-690 FT ALONG SHORT LINE DR. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$11,947	
226	00132	8PVC-800 FT ALONG NORTHERNMOST LUCKY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$19,604	
227	00133	8PMA-450 FT FROM HACKNEY CT. TO CREST	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,094	
228	00134	6PVC-800 FT ALONG SUMMIT RD. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$13,851	
229	00135	6PVC-810 FT ALONG MORAY CT. 2H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$17,602	
230	00136	6PVC-900 FT ALONG DAYSTAR	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$23,223	
231	00137	6PVC-900 FT ALONG SUNNYSIDE DR. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$23,223	
232	00138	8PMA-550 FT FROM AMERICAN SADDLER DR.	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$16,003	
233	00139	6PVC-900 FT ALONG DAYSTAR OH OV	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$23,223	
234	00140	6PVC-970 FT FROM EMPIRE TO NORTH STAR	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$16,794	
235	00141	8AC-110 FT ALONG SOUTH END WYATT EARP	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$2,696	
236	00142	8DI-750 FT TO SILVER LAKE LODGE OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$18,379	
237	00143	8PVC-500 FT EAST FROM NORTHWEST END M	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$14,549	
238	00144	6PVC-720 FT ALONG AMERICAN SADDLER DR	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$15,646	
239	00145	6PVC-790 FT A T-CONN. ALONG QUACKING	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$17,167	
240	00146	8PVC-170 WEST OFF SOUTH END MCCLEO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$4,946	
241	00147	8PVC-200 FT ALONG DUNLOP CT. 1H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$4,901	
242	00148	8PVC-2680 FT ALONG NORTH DEER VALLEY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$65,674	
243	00149	8PVC-280 FT NORTH OFF SOUTH END MCCLE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,147	
244	00150	8PVC-420 FT NORTHWEST OFF DEER VAL DR	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$10,292	
245	00151	8PVC-660 FT ALONG EAGLE CT. 2H OV	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$16,173	
246	00152	8PVC-370 FT 3 LINES OFF AERIE-ROYAL-N	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$9,067	
247	00153	8PVC-510 FT FROM AERIE DR. TO ROYAL C	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$12,498	
248	00154	8PVC-600 FT ALONG PINNACLE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$17,458	
249	00155	10DI-600 FT WEST OFF LOWELL AROUND N.	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$12,921	

250	00156	8PVC-800 FT ALONG ASPENWOOD	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$23,278	
251	00157	6PVC-390 FT ALONG RD. WEST OF BONANZA	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$8,475	
252	00158	8PVC-890 FT ALONG LOFTY LN. 2H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$21,810	
253	00159	DONATED IMPROVEMENTS	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$526,964	
254	00161	8PVC-880 FT ALONG FAIRWAY VILLAGE DR.	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$21,565	
255	00162	DONATED IMPROVEMENTS	Water	Project	35.00		Project	Non-Qualifying	6/15/1980	Other	$62,433	
256	00163	MAIN STREET COSTS	Water	Project	35.00		Project	Non-Qualifying	6/15/1980	Other	$13,900	
257	00164	EMPIRE RESERVOIR-1000000 GALLONS-S	Water	System	50.00	Yes	City	Qualifying	6/15/1980	Storage	$250,000	Empire Tank
258	00165	DONATED IMPROVEMENTS	Water	Project			Project	Non-Qualifying	6/15/1980	Other	$142,985	
259	00166	BOOTHILL RESERVOIR-1000000 GALLONS	Water	System	50.00	Yes	City	Qualifying	6/15/1980	Storage	$311,102	Boothill
260	00167	TELEMETERING PANEL	Water	System		no	City	Non-Qualifying	6/15/1980	Transmission	$20,000	
261	00168	MASONIC HILL WATER TANK	Water	System	50.00	Yes	City	Qualifying	6/15/1980	Storage	$807,687	Masonic Hill
262	00169	8PVC-ALONG PINNACLE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$3,783	
263	00170	8PVC-940 FT WEST OF CONDOS AT SOUTH E	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$23,035	
264	00171	MAIN STREET PROJECT	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$951,795	
265	00172	MASONIC RESERVOIR-500000 GALLONS-RE	Water	System		NO	City	Non-Qualifying	6/15/1980	Storage	$200,000	Original Tank not in service
266	00173	TELEMETERING PANEL	Water	System		No	City	Non-Qualifying	6/15/1980	Transmission	$20,000	
267	00174	SILVER LAKE RESERVOIR-800000 GALLONS	Water	System		No	City	Non-Qualifying	6/15/1980	Storage	$250,000	Silver Lake Tank
268	00175	TELEMETERING PANEL	Water	System		No	City	Non-Qualifying	6/15/1980	Transmission	$20,000	
269	00176	THAYNES CANYON RESERVOIR-500000 GALL	Water	System	50.00	Yes	City	Qualifying	6/15/1980	Storage	$250,000	Thaynes #1
270	00177	8DI-210 FT ALONG SOUTHWEST END HOMEST	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$5,146	
271	00178	NORTH LAKE FLAT RESERVOIR-240000 GAL	Water	System - At Capacity	50.00	Yes	City	Non-Qualifying	6/15/1980	Storage	$190,000	North Lake Flat
272	00179	TELEMETERING PANEL	Water	System		NO	City	Non-Qualifying	6/15/1980	Transmission	$20,000	
273	00180	NORTH LAKE FLAT BOOSTER STATION--WEST	Water	System		no	City	Non-Qualifying	6/15/1980	Transmission	$5,000	
274	00181	NECK TANK BOOSTER STATION--SKI RUM ABO	Water	System		NO	City	Non-Qualifying	6/15/1980	Transmission	$30,000	
275	00182	NECK RESERVOIR-600000 GALLONS-REINF	Water	System - At Capacity	50.00	Yes	City	Non-Qualifying	6/15/1980	Storage	$300,000	Neck Reservoir
276	00183	WOODSIDE RESERVOIR-500000 GALLONS-R	Water	System - At Capacity	50.00	Yes	City	Non-Qualifying	6/15/1980	Storage	$200,000	Woodside
277	00184	WATER IMPROVEMENTS	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$146,346	
278	00185	WATER IMPROVEMENTS FUND 52	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$501,017	
279	00186	WATER IMPROVEMENTS FUND 52	Water	System	35.00	Yes	City	Qualifying	6/30/1990	Transmission	$637,762	
280	00187	OSGUTHORPE PUMP AND WELL	Water	System - At Capacity		No	City	Non-Qualifying	12/31/1990	Production	$100,000	
281	00188	WATER Treatment PLANT	Water	System - At Capacity	30.00	Yes	City	Non-Qualifying	4/30/1991	Treatment	$72,103	Mixing Vault?
282	00189	MIDDLE SCHOOL WELL	Water	System - At Capacity	50.00	Yes	City	Non-Qualifying	4/30/1991	Production	$15,262	
283	00190	SPIRO TUNNEL IMPROVEMENTS	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	6/30/1992	Production	$360,000	
284	00191	JUDGE TUNNEL IMPROVEMENTS	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	3/31/1993	Production	$100,000	
285	00192	PC RESORT WATER LINE	Water	System	35.00	Yes	City	Qualifying	5/30/1993	Transmission	$811,000	
286	00193	PC RESORT WATER LINE	Water	System	35.00	Yes	City	Qualifying	8/30/1993	Transmission	$45,783	
287	00194	4TH STREET UTILITY LINE	Water	System	35.00	Yes	City	Qualifying	9/30/1993	Transmission	$8,460	
288	00195	JUDGE TUNNEL IMPROVEMENTS	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	11/30/1993	Production	$100,536	
289	00196	AERIE PUMP STATION	Water	System	30.00	Yes	City	Qualifying	5/30/1994	Transmission	$10,762	
290	00197	WATER SYSTEM IMPROVEMENTS	Water	System	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$5,975	
291	00198	FLUME #9 WATERING POND	Water	System	35.00	Yes	City	Qualifying	6/30/1994	Storage	$17,289	Raquet Club
292	00199	SPIRO PILOT PLANT	Water	System - At Capacity		no	City	Non-Qualifying	6/30/1994	Treatment	$143,662	
293	00200	AUTOMATIC READ WATER METERS	Water	System	10.00	No	City	Non-Qualifying	6/30/1994	Transmission	$138,548	
294	00201	10AC-1110 FT ALONG SOUTH END OF 3 KIN	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$30,002	
295	00202	8DI-1400 FT ALONG EAST END IRON HORSE	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$45,262	
296	00203	8AC-1850 FT ALONG WEST OF LITTLE KATE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$45,334	
297	00204	8DI-1000 FT WEST OFF LOWELL AROUND S.	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$19,524	
298	00205	8DI-1800 FT FROM MASONIC RES. TO PRV-	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$35,143	
299	00206	6PVC-4500 FT ALONG LUCKY JOHN DR. (SO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$97,789	
300	00207	8DI-1950 FT ALONG EAST SIDE PARK AV(P	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$38,072	
301	00208	8DI-2200 FT ALONG CHATHAM CROSSING	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$64,013	
302	00209	8AC-1340 FT ALONG CRESENT DR. 3H 5V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$32,837	
303	00210	6PVC-2000 FT ALONG PARK MEADOWS DR.	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$43,462	
304	00211	6PVC-2100 FT ALONG EVENING STAR DR.	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$45,635	
305	00212	8PMA-1080 FT ALONG SOUTHEAST MEADOWS	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$31,425	
306	00213	6PVC-1000 FT ALONG ROSSI HILL & COALI	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$25,803	
307	00214	6DI-3000 FT ALONG WOODSIDE (7TH S. TO	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$51,941	
308	00215	6DI-6470 FT ALONG PARK AV(PRV-15 TO P	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$112,020	

309	00216	6PVC-1200 FT ALONG WEST OF RACQUET CL	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$26,077	309
310	00217	6PVC-1730 FT ALONG CAPTAIN MOLLY DRIV	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$37,595	310
311	00218	6PVC-1400 FT ALONG ANNIE OAKLY DR. TO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$30,423	311
312	00219	6PVC-1480 FT ALONG UPPER NORTH OF LUC	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$32,162	312
313	00220	8DI-3930 FT FROM HEBER AV TO DEER VAL	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$96,305	313
314	00221	8PVC-1000 FT ALONG QUEEN ESTER	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$29,097	314
315	00222	8PMA-1260 FT ALONG SOUTH OF CRESTLING	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$36,662	315
316	00223	8PVC-4540 FT ALONG SIDEWINDER DR 6H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$111,253	316
317	00224	8PVC-3620 FT ALONG HOLIDAY RANCH LOOP	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$88,709	317
318	00225	8PVC-3800 FT ALONG AERIE DR. 7H 5V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$93,120	318
319	00226	8PVC-900 FT IN SOLAMERE II ALONG TELE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$29,097	319
320	00227	8PVC-2580 FT ALONG HWY 248 TO HWY 224	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$63,223	320
321	00228	IMPROVEMENTS	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$35,736	321
322	00230	8PVC-2870 FT ALONG TELEMARK DRD. 6H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$83,508	322
323	00231	8PVC-2200 FT FROM NECK BOOSTER PUMP T	Water	System	-	no	City	Non-Qualifying	6/15/1980	Transmission	$53,911	323
324	00232	8PVC-2280 FT ALONG SADDLE VIEW WAY 4	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$66,341	324
325	00233	6DI-2700 FT ALONG PARK AV (7TH TO DAL	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$46,747	325
326	00234	8PVC-1400 FT IN AND AROUND LAKESIDE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$40,736	326
327	00235	8PVC-1300 FT ALONG SOUTH END FAIRWAY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$31,857	327
328	00236	8PVC-1340 FT ALONG SILVER CLOUD (WEST	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$32,837	328
329	00237	8PVC-1440 FT ALONG EAST RACQUET CLUBB	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$35,287	329
330	00238	8PVC-2000 FT ALONG EAGLE DR. 2H 4V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$49,010	330
331	00239	8PVC-1580 FT AROUND STONEBRIDGE WEST	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$38,718	331
332	00240	10AC-1400 FT ALONG MIDDLE OF LUCKY JO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$37,841	332
333	00241	6DI-2800 FT ALONG LOWELL AV(ENDS TO E	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$48,479	333
334	00242	8PVC-1770 FT ALONG COMSTOCK DR. 2H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$43,374	334
335	00243	6DI-2320 FT ALONG NORFOLK AV (770 TO	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$40,168	335
336	00244	6DI-1800 FT ALONG WOODSIDE (PRD-7 TO	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$31,165	336
337	00245	10PVC-3270 FT ALONG SOLAMERE DR. 3H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$119,390	337
338	00246	10PVC-1970 FT ALONG MCCLEOD CK. RD.	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$63,225	338
339	00247	10PVC-2110 FT ALONG LITTLE KATE RD. (	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$57,032	339
340	00248	10PVC-4590 FT ALONG MEADOWS DR. 7H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$124,064	340
341	00249	10PVC-4060 FT ALONG AERIE DR TO ROYAL	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$109,738	341
342	00250	10PMA-5090 FT FROM BOOSTER IN PROSP.	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$181,509	342
343	00251	12AC-1160 FT FROM SILVER LAKE RES. TO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$39,776	343
344	00252	12AC-1520 FT ALONG MIDDLE PORTION OF	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$43,895	344
345	00253	10PVC-1900 FT FROM MEADOWS DR. TO QUA	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$60,979	345
346	00254	10DI-6460 FT FR. EMPIRE AT 13TH TO NO	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$139,117	346
347	00255	10PCD-4000 FT ALONG DEER VALLEY EAST	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$128,376	347
348	00256	12DI-1200 FT FROM WOODSIDE RES TO 3KI	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$27,610	348
349	00257	10AC-1750 FT ALONG HWY 248 FR PACIFIC	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$47,301	349
350	00258	10AC-2130 FT ALONG STERLING RD. OH 2	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$57,572	350
351	00259	10AC-2110 FT FROM SILVER KING TO 13TH	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$45,439	351
352	00260	10AC-3800 FT ALONG ROYAL ST EAST OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$102,711	352
353	00261	10AC-1520 FT FROM ROYAL EAST TO N LAK	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$41,084	353
354	00262	10DI-3500 FT ALONG EMPIRE (15TH SOUTH	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$75,373	354
355	00263	10AC-3800 FT ALONG ROYAL ST. WEST OH	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$102,711	355
356	00264	10DI-1240 FT ALONG IRON HORSE DR. 2H	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$26,703	356
357	00265	12AC-2360 FROM THAYNES RES TO THERIOT	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$68,154	357
358	00266	12AC-2120 FT FR HOLIDAY RAN LOOP RD T	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$61,223	358
359	00267	12DI-2570 FT ALONG HWY 248 FR BONANZA	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$74,218	359
360	00268	6AC-1800 FT ALONG PROSPECTOR AVE. 3H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$39,116	360
361	00269	6AC-2100 FT ALONG PAYDAY DR. 5H 4V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$45,635	361
362	00270	6AV-1800 FT ALONG DOC HOLLIDAY DR.	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$39,116	362
363	00271	6CI-1240 FT ALONG PROSPECTOR DR. 3H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$26,946	363
364	00272	6CI-1800 FT ALONG NORTH OF THAYNES CA	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$39,116	364
365	00273	6DI-1050 FT ALONG SAMPSON AC 1H 2V	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$18,180	365
366	00274	6DI-1300 FT ALONG OLIVE BRANCH 3H 3	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$22,508	366
367	00275	12DI-2960 FT ALONG DALY AVE. 5H 3	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$85,481	367
368	00276	6 DI-2750 FT FROM ONTARIO TO HILLSIDE	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$78,843	368
369	00277	6DI-1400 FT FROM MASONIC RES TO PARK	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$24,239	369
370	00278	12PMA-10500 FT INTO SPIRO TUNNEL	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$303,225	370
371	00279	12PVC-1560 FR FROM NECK TANK TO SNOWP	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$45,051	371
372	00280	14 DI-2520 FT FROM EMPIRE RES TO PRV-1	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$62,471	372

373	00281	12PMA-10500 FT INTO SPIRO TUNNEL	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$14,439	
374	00282	14AC-1170 FT ALONG SOUTH THAYNES CANY	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$36,404	
375	00283	16AC-1860 FT ALONG THAYNES RES TO 3 K	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$63,033	
376	00284	WATER TANK & PUMP STATION - OAKS RESEVOI	Water	Project	50.00	Yes	Project	Non-Qualifying	6/30/1991	Storage	$419,800	
377	00285	WATER LINE HYDRANTS METER VAULTS - OAK	Water	System	30.00	Yes	City	Qualifying	6/30/1991	Transmission	$369,644	
378	00286	WATER LINE HYDRANTS ETC-MEADOWS EST 1B	Water	System	30.00	Yes	City	Qualifying	6/30/1991	Transmission	$25,162	
379	00287	WATER LINE HYDRANTS ETC-MEADOWS EST 1A	Water	System	30.00	Yes	City	Qualifying	6/30/1991	Transmission	$103,986	
380	00288	WATER LINE VALVES ETC-SILVER LAKE VILLAG	Water	System	15.00	Yes	City	Qualifying	6/30/1991	Transmission	$57,845	
381	00289	OTHER	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$1,012,041	Water Lines
382	00290	WATER LINE HYDRANTS ETC-MOUNTAIN RIDGE	Water	System	30.00	Yes	City	Qualifying	6/30/1992	Transmission	$84,500	
383	00291	WATER LINE HYDRANTS ETC-WEST RIDGE 1&2	Water	System	30.00	Yes	City	Qualifying	6/30/1992	Transmission	$131,012	
384	00292	WATER TANK - NORTH OF PARK MOUNTAIN (#15	Water	System	50.00	Yes	City	Qualifying	8/30/1992	Storage	$80,620	Fairway Hills Tank
385	00293	WATER DEPT. PUMP STATION	Water	System	30.00	Yes	City	Qualifying	9/30/1992	Transmission	$1,570	Fairway Hills
386	00296	OTHER	Water	system	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$63,030	Water Lines
387	00297	WATER LINE - FAIRWAY MEADOWS	Water	system	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$146,464	
388	00298	WATER LINE HYDRANTS ETC-MORNING STAR E	Water	system	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$125,545	
389	00299	WATER LINES VAULT ETC - TOWN LIFT PHAS	Water	system	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$65,806	
390	00300	WATER LINE VALVES ETC - WILLOW RANCH	Water	system	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$53,200	
391	00301	WATER VALVES LINE ETC-ASPEN SPR RANCH	Water	system	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$163,674	
392	00302	WATER LINE VALVES ETC-FAIRWAY HILLS EST	Water	system	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$210,441	
393	00303	METER VAULTS - KNOLHEIM SUBDIVISION	Water	system	35.00	Yes	City	Qualifying	6/30/1994	Transmission	$6,820	
394	00304	6 AC-310 FT ALONG COCHISE CT. 2H 1V	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$6,737	
395	00305	8 PVC-1000 FT ALONG QUEEN ESTER	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$29,097	
396	00306	8 PVC-410 FT OFF MCCLEOD CREEK CT. 1H	Water	Project	35.00	Yes	Project	Non-Qualifying	6/15/1980	Transmission	$11,930	
397	00307	12 PVC-1200 FT FR THERIOT SPRINGS TO G	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$45,720	
398	00308	8DI-1930 FT FROM HEBER AV TO DEER VAL	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$37,681	
399	00309	6PVC-1340 FT ALONG WEST SIDE HWY 224	Water	System	35.00	Yes	City	Qualifying	6/15/1980	Transmission	$29,119	
400	00310	GOLF COURSE NORTH PUMP STATION	Golf Course	Project			Project	Non-Qualifying	6/15/1980	Other	$3,000	
401	00311	6CI-1160 FT ALONG WEST SIDE OF HWY 22	Water	System	35.00		City	Non-Qualifying	6/15/1980	Transmission	$25,208	
402	00312	DEMONSTRATION GARDEN IMP.	Water	Conservation		NO	City	Non-Qualifying	10/30/1991	Other	$90,000	
403	00313	THAYNES BUFFER	Parks and Recreation	Project			Project	Non-Qualifying	6/15/1980	Other	$7,100	
404	00314	OTHER - WATER LINES AND VALVES	Water	system	35.00	Yes	City	Qualifying	6/30/1989	Transmission	$14,599	
405	00315	WATER LINE HYDRANTS ETC-RISNER RIDGE 1	Water	system	35.00	Yes	City	Qualifying	6/30/1989	Transmission	$153,709	
406	00316	WATER LINE VALVES ETC - EVERGREEN	Water	system	35.00	Yes	City	Qualifying	6/30/1989	Transmission	$223,727	
407	00317	WATER LINE HYDRANTS ETC-STAG LODGE PH	Water	system	35.00	Yes	City	Qualifying	6/30/1989	Transmission	$36,730	
408	00318	WATER LINE HYDRANTS ETC-RISNER RIDGE 2	Water	system	35.00	Yes	City	Qualifying	6/30/1989	Transmission	$41,734	
409	00319	WATER LINE VALVES ETC-MEADOWS DR 1989	Water	system	35.00	Yes	City	Qualifying	6/30/1989	Transmission	$28,290	
410	00320	VALVES HYDRANTS ETC RIDGE at SILVER LA	Water	system	35.00	Yes	City	Qualifying	7/30/1989	Transmission	$1,650	
411	00321	METER VAULTS - FAIRWAY VILLAGE 2	Water	Project	36.00	Yes	Project	Non-Qualifying	7/30/1989	Transmission	$3,465	Developer installed
412	00322	WATER LINE HYDRANTS ETC-STAG LODGE 2	Water	system	35.00	Yes	City	Qualifying	7/30/1989	Transmission	$2,630	
413	00323	WATER LINE HYDRANTS VAULTS-RISNER RIDG	Water	system	35.00	Yes	City	Qualifying	7/30/1989	Transmission	$32,480	
414	00324	WATER LINE VALVES ETC - EVERGREEN	Water	system	35.00	Yes	City	Qualifying	7/30/1989	Transmission	$62,130	
415	00364	WATER LINES HYDRANTS BOXES-PINNACLE 1 an	Water	system	35.00	Yes	City	Qualifying	6/30/1985	Transmission	$20,000	
416	00365	WATER LINES HYDRANTS BOXES-LAMACONNE	Water	system	35.00	Yes	City	Qualifying	6/30/1985	Transmission	$5,000	
417	00366	WATER LINES HYDRANTS BOXES-ASPEN HOLL	Water	system	35.00	Yes	City	Qualifying	6/30/1985	Transmission	$5,000	
418	00367	VALVE VAULT - PINNACLE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1986	Transmission	$23,000	
419	00368	WATER LINE HYDRANT METER VAULT-STAG LO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1986	Transmission	$6,489	
420	00369	WATER LINE HYDRANT BOXES - TRAILSIDE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1986	Transmission	$4,555	
421	00370	WATER LINE HYDRANT BOXES - WOODS at DE	Water	System	35.00	Yes	City	Qualifying	6/30/1986	Transmission	$5,273	The Woods Deervalley
422	00371	WATER LINE - PINNACLE	Water	System	35.00	Yes	City	Qualifying	6/30/1986	Transmission	$10,635	
423	00372	WATER LINE HYDRANT BOXES - STERLINGWOO	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1986	Transmission	$5,310	
424	00373	WATER LINE & HYDRANTS - NORDIC VILLAGE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1987	Transmission	$43,980	
425	00374	WATER LINE & HYDRANTS - RADISSON FIRE LI	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1987	transmission	$28,600	
426	00375	WATER LINE HYDRANTS ETC-FOUR LAKES VIL	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1992	Transmission	$182,090	
427	00376	METER VAULT - THAYNES CANYON #8	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1994	Transmission	$3,000	
428	00387	WATER LINES VALVES ETC-FAIRWAY HILLS EST	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1995	Transmission	$204,500	
429	00388	WATER LINES VALVES ETC-ASPEN SPRINGS RAN	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1995	Transmission	$187,650	
430	00389	WATER LINES VALVES ETC-DEER LAKE VILLAGE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1995	Transmission	$53,940	
431	00390	CHATHAM CROSSING PUMP STATION	Water	System	30.00	Yes	City	Qualifying	4/30/1995	Transmission	$875,068	
432	00398	WATER LINES VALVES ETC-DEER LAKE VILLAGE	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1996	Transmission	$62,930	
433	00399	WATER LINES VALVES ETC-HIDDEN MEADOW SUB	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1996	Transmission	$413,666	
434	00400	WATER LINES VALVES ETC-SILVER MEADOWS ES	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1996	Transmission	$106,430	
435	00401	WATER LINES VALVES ETC-SNOW CREEK COMMON	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1996	Transmission	$48,620	
436	01230	Aspen Villas WATER Improvements	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1997	Transmission	$14,454	

437	01436	WATER Mains(8in and 12in) fire hydrants	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1998	Transmission	$259,860	
438	01437	WATER Mains(8in) hydrants valves WATER	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1998	Transmission	$178,875	
439	01438	WATER Meter(6in) hydrants 6in PRV Vault	Water	system	30.00	Yes	City	Qualifying	6/30/1998	Transmission	$35,000	
440	01439	WATER Line (8in) hydrant meter vaults	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1998	Transmission	$34,730	
441	01627	4 8 10 12in WATER Mains Hydrants Meter B	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1999	Transmission	$205,188	
442	01628	4in Main WATER Services Meter Box Assem	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/1999	Transmission	$6,080	
443	01629	250,000 Gallon WATER Tank Pump Station 6	Water	System	50.00	Yes	City	Qualifying	6/30/1999	Storage	$402,853	Sandstone Cove
444	01796	WOODSIDE	Water	System	35.00	Yes	City	Qualifying	6/30/2000	Transmission	$600,623	Woodside Ave reconstruction
445	01799	8 12IN WATER MAINS HYDRANTS VALVES	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2000	Transmission	$175,820	
446	01800	6IN METER HYDRANT	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2000	Transmission	$17,500	
447	01801	WATER METER ASSEMBLY	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2000	Transmission	$6,500	
448	01802	4 8IN WATER MAINS HYDRANTS VALVES	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2000	Transmission	$45,816	
449	01803	8IN WATER MAINS HYDRANTS VALVES	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2000	Transmission	$50,725	
450	01804	8IN WATER MAIN HYDRANTS 4 6IN WATER MET	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2000	Transmission	$46,750	
451	01870	Divide Well	Water	System - At Capacity	50.00	Yes	City	Non-Qualifying	6/30/2001	Production	$204,525	
452	01904	10in ductile iron pipes pressure red va	Water	system	35.00	Yes	City	Qualifying	6/30/2001	Production	$121,945	Park Meadows Well
453	01905	8in ductile iron pipes hydrants WATER	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2001	Transmission	$83,216	
454	01906	8in DIP WATER lines gate valves hydra	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2001	Transmission	$32,700	
455	01907	8in DIP WATER lines gate valves appurte	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2001	Transmission	$16,260	
456	01908	8in Class 350 DIP PRV vault meter vault	Water	system	35.00	Yes	City	Qualifying	6/30/2001	Transmission	$130,300	
457	01978	Woodside	Water	system	35.00	Yes	City	Qualifying	10/10/2000	Transmission	$14,377	Woodside Ave Replacement
458	02136	Chatham Crossing-8in ductile iron pipes	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2002	Transmission	$327,080	
459	02137	Eagle Pointe no 3-6 and 8in iron pipe valve	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2002	Transmission	$53,800	Eagle Pointe
460	02138	Meadows Dr at Eagle Pt no 3-8 and 12in	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2002	Transmission	$180,200	
461	02139	Stein Ericksen Ph 3 no 3-4 6and8in iron	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2002	Transmission	$77,000	
462	02157	JUDGE TUNNEL IMPROVEMENTS	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	11/30/2001	Production	$195,214	
463	02309	Pipes valves hydrants-Empire Canyon Day	Water	system	35.00	Yes	City	Qualifying	6/30/2003	Transmission	$304,157	
464	02310	Buried Concrete WATER Tank-Flagstaff 1 M	Water	system	50.00	Yes	City	Qualifying	6/30/2003	Storage	$780,000	Flagstaff Tank
465	02328	JSSD Pipeline-51-45094-7319	Water	system	35.00	Yes	City	Qualifying	7/3/2002	Transmission	$551,456	
466	02330	Middle School WATERline-51-45090-7319	Water	system	35.00	Yes	City	Qualifying	9/10/2002	Transmission	$169,844	
467	02338	Spiro WATER Project-51-45086-7319	Water	System - At Capacity	30.00	Yes	City	Non-Qualifying	6/30/2003	Treatment	$239,274	WTP expansion
468	02364	Ontario Court Ivers-Developer Donated Pi	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2004	Other	$27,584	
469	02365	Ontario Court Block 52 Ext. Pipes Valves	Water	System	35.00	Yes	City	Qualifying	6/30/2004	Transmission	$25,510	
470	02366	Norfolk Ave Extension at 13th St-Pipes V	Water	System	35.00	Yes	City	Qualifying	6/30/2004	Transmission	$17,544	
471	02368	RTU Telemetry System Spiro Plant-51-4508	Water	System	35.00	Yes	City	Qualifying	2/12/2004	Transmission	$62,775	
472	02383	Spiro Filtration Plant Expansion & Upgra	Water	System - At Capacity	35.00	Yes	City	Non-Qualifying	4/22/2004	Treatment	$1,328,319	
473	02384	TMMS WATERline Final Settlement-51-45090	Water	System	35.00	Yes	City	Qualifying	7/1/2003	Transmission	$41,622	
474	02440	Empire Pass Pump Station #2-Developer Do	Water	Project	30.00	Yes	Project	Non-Qualifying	6/30/2005	Transmission	$350,000	Daly Pump Station
475	02441	Marsac Ave WATER system-incl Northside V	Water	System	35.00	Yes	City	Qualifying	6/30/2005	transmission	$637,483	
476	02467	FY2005 Street Addition-Upper Park Avenue	Water	System	35.00	Yes	City	Qualifying	10/28/2004	Transmission	$660,703	
477	02486	Vaults Valves Hydrants - Eagle Point P	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2005	Transmission	$92,918	
478	02545	WATER LINES WITHIN QUINNS COMPLEX	Water	Project	35.00	Yes	Project	Non-Qualifying	2/24/2006	Treatment	$286,416	
479	02546	WATER LINES-PARK MEADOWS TO QUINNS	Water	System	35.00	Yes	City	Qualifying	6/30/2006	Transmission	$185,602	
480	02547	STORM WATER PIPES QUINNS COMPLEX	Storm Water	Not Water		Yes	City	Non-Qualifying	6/30/2006	Other	$149,900	Not water Dept
481	02548	WATER LINE RELOCATION - NEW CHINA BRIDGE	Water	System	35.00	Yes	City	Qualifying	4/24/2006	Transmission	$70,258	Addition with minor relocation
482	02549	WATER IMPROVEMENTS APRIL MOUNTAIN (DEVELOPER DONATED)	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2006	Other	$294,916	
483	02550	WATER IMPROVEMENTS-KINGS ROAD ESTATES (DEVELOPER DONATED)	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2006	Other	$80,500	
484	02551	SPIRO WATER PLANT STAGE 2	Water	System - At Capacity	30.00	yes	City	Non-Qualifying	7/6/2005	Treatment	$2,014,462	
485	02654	MODULAR OFFICE FOR MINERS SHOP	Water	Equipment	10.00	Yes	City	Non-Qualifying	11/9/2006	Other	$13,685	
486	02783	WATER LINES - FIELDS IRRIGATION	Parks and Recreation	Not Water			City	Non-Qualifying	10/1/2006	Other	$262,073	Parks Dept
487	02825	PARK MEADOWS WELL	Water	System - At Capacity	15.00	Yes	City	Non-Qualifying	7/31/2006	Production	$1,129,085	UV system
488	03015	SOLAMERE PUMP STATION UPGRADE	Water	System	30.00	Yes	City	Qualifying	12/23/2007	Transmission	$98,519	
489	03058	DONATED WATER INFRASTRUCTURE FY 2008	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2008	Other	$125,720	
490	03062	TRANS WATER EMPIRE CANYON 10" DI CL 350	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2008	Transmission	$236,000	
491	03063	TRAN WATER EMPIRE CANYON 12" DI CL 350	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2008	Transmission	$15,000	
492	03064	WATER MAIN EMPIRE CANYON MAIN VALVES	Water	Project	35.00	Yes	Project	Non-Qualifying	6/30/2008	Transmission	$4,000	
493	03065	PUMP STATION #1 EMPIRE CANYON	Water	Project	30.00	Yes	Project	Non-Qualifying	6/30/2008	Transmission	$918,783	
494	03363	BOOTHILL PUMP STATION	Water	System	30.00	Yes	City	Qualifying	7/1/2008	Transmission	$1,501,706	
495	03364	BOOTHILL TANK #2	Water	System	50.00	Yes	City	Qualifying	7/1/2008	Storage	$2,702,516	Tank #2
496	03570	ONTARIO AVE WATER LINE	Water	System	35.00	Yes	City	Qualifying	11/20/2008	Transmission	$346,084	

497	03571	MT AIRE FLUME	Water	System	30.00	Yes	City	Qualifying	6/4/2009	Transmission	$27,800	497
498	03572	DEER VALLEY FIRE FLOW	Water	System	35.00	Yes	City	Qualifying	6/26/2009	Transmission	$15,943	498
499	03582	SPIRO MAINT BLD REMODLE	Water	System - At Capacity	30.00	Yes	City	Non-Qualifying	8/31/2008	Treatment	$26,768 Part of Plant Expansion	499
500	03608	FAIRWAY HILLS PUMP STATION REFIT	Water	System	30.00	Yes	City	Qualifying	6/30/2009	Transmission	$121,298	500
501	03619	METER VAULT REPLACEMENT	Water	System	30.00	Yes	City	Qualifying	2/24/2009	Transmission	$65,395	501
502	04067	HILLSIDE/ROSSI WATER IMPROVEMENTS	Water	system	35.00	Yes	City	Qualifying	9/30/2009	Transmission	$35,054	502
503	04106	OTIS WATER PIPE REPLACEMENT	Water	system	35.00	Yes	City	Qualifying	1/31/2010	Transmission	$135,465	503
504	04158	STONEBRIDGE REFIT	Water	system		No	City	Non-Qualifying	7/1/2009	Transmission	$8,790	504
505	04541	PROMONTORY RAW ATER PIPELINE	Water	system	35.00	Yes	City	Qualifying	8/31/2010	Production	$1,547,054 Rockport	505
506	04542	HOLIDAY RANCH LOOP RD WATER LINE	Water	system	35.00	Yes	City	Qualifying	5/31/2011	Transmission	$187,955	506
507	04543	EMPIRE TANK CHLORINE BLD IMPROVEMENTS	Water	System - At Capacity	30.00	Yes	City	Non-Qualifying	6/30/2011	Treatment	$24,488	507
508	04544	PCMC WATER INFRASTRUCTURE PHASE 1	Water	System	35.00	Yes	City	Qualifying	6/30/2011	Production	$6,688,889 Rockport	508
509	04545	BOOTHILL TRANSMISSION LINES	Water	system	35.00	Yes	City	Qualifying	12/31/2010	Transmission	$1,524,769	509
510	04565	BOOTHILL TRANSMISSION LINE CAP INT	Water	system	35.00	Yes	City	Qualifying	12/31/2010	Transmission	$1,076	510
511	04566	PCMC WATER INFRASTRUCTURE CAP INT	Water	system	35.00	Yes	City	Qualifying	6/30/2011	Transmission	$27,556	511
512	05375	PARK MEADOWS WELL, FRANKLIN 100HP MOTOR & UPGRADE	Water	System - At Capacity			City	Non-Qualifying	12/9/2011	Production	$16,829 Park Meadows Well, Replaced Casing and Motor	512
513	05450	OTIS WATER PIPELINE REPLACEMENT	Water	system	35.00	Yes	City	Qualifying	6/30/2012	Transmission	$94,874 Replacement	513
514	05451	LAST CHANCE WATER LINE PHASE 1	Water	System			City	Non-Qualifying	6/30/2012	Transmission	$371,180 Replacement	514
515	05452	SPIRO NORTH DITCH	Water	system	35.00	Yes	City	Qualifying	5/31/2012	Transmission	$289,417	515
516	05453	BOOTHILL/BONANZA DRIVE PIPELINW	Water	system	35.00	Yes	City	Qualifying	4/16/2012	Transmission	$752,189	516
517	05454	RAIL TRAIL WATER LINES	Water	system	35.00	Yes	City	Qualifying	2/28/2012	Transmission	$213,903	517
518	05455	QUINN'S JUNCTION TRANSMISSION LINES	Water	system	35.00	Yes	City	Qualifying	11/30/2011	Transmission	$1,361,519	518
519	06062	QUINNS WATER Treatment PLANT FIRE SPRINKLER ADDITION	Water	system	30.00	Yes	City	Qualifying	8/31/2012	Treatment	$60,326 Quinn WTP	519
520	06065	SECURITY UPGRADES AT JUDGE TUNNEL	Water	System - At Capacity	30.00	Yes	City	Non-Qualifying	11/9/2012	Production	$130,647 Golden Gates	520
521	06066	QUINNS WATER Treatment PLANT HEATING SYSTEM ADDITION	Water	System	30.00	Yes	City	Qualifying	3/1/2013	Treatment	$24,018	521
522	06374	HISTORIC MAIN ST STORM DRAIN UPGRADE	Storm Water	Not Water			City	Non-Qualifying	6/30/2013	Other	$30,487 Not water department's	522
523	06375	PC HIGH SCHOOL CONTROLLER	Parks and Recreation	Not Water			City	Non-Qualifying	1/31/2013	Other	$10,700	523
524	06376	ARIES PUMP STATION MOTOR CHANGE OUT	Water	System - At Capacity	20.00	Yes	City	Non-Qualifying	6/30/2013	Transmission	$21,874 New Control panel	524
525	06377	MCLEOD CREEK UPGRADE	Water	System	35.00	Yes	City	Qualifying	7/31/2012	Transmission	$53,198 Operational Improvement	525
526	06379	OTIS WATER PIPELINE INFRAS/EMPIRE AVE	Water	System	35.00	Yes	City	Qualifying	6/30/2013	Transmission	$1,217,199 Upsizing	526
527	06443	QUINNS WTP BUILDING	Water	System	30.00	Yes	City	Qualifying	6/30/2012	Treatment	$11,273,646	527
528	06490	QUINNS WTP UPGRADES FOR JUDGE TUNNEL	Water	System - At Capacity	30.00	Yes	City	Non-Qualifying	4/30/2013	Treatment	$456,853	528
529	06418	QUINNS WTP SOFTWARE LICENSES	Water	System	10.00	Yes	City	Qualifying	6/30/2012	Treatment	$27,810	529
530	01590	SCADA Master Computer and Peripheral	Water	System		NO	City	Non-Qualifying	4/22/1999	Transmission	$45,000	530
531	00325	OSGUTHORPE LAND	Water	System	100.00	Yes	City	Qualifying	12/30/1990	Storage	$25,000 Fairway Hills Tank	531
532	01548	Arvil Pace WATER purchase	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	2/25/1999	Production	$203,918	532
533	01549	Standley Pace WATER rights	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	2/25/1999	Production	$180,833	533
534	01869	WATER Rights Lease-Rokan Idaho	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	7/31/2000	Production	$1,122,927	534
535	03396	20 AC ROUND VALLEY WATER USE	Water	System - At Capacity	100.00	No	City	Non-Qualifying	12/31/2008	Production	$500,000 Could be used in the future. Not currently in service	535
536	03763	EASEMENT CROSSING WATER LINE (GILLMORE)	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	11/6/2009	Production	$5,700	536
537	04165	JSSD WATER RIGHTS	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	2/10/2010	Production	$12,830,335	537
538	04316	WATER LINE EASEMENT RAIL TRAIL	Water	System - At Capacity	100.00	Yes	City	Non-Qualifying	7/22/2010	Production	$17,000	538
539	02271	2003 FORD F350 CHASSIS CAB(X37) WITH EQU	Water	Vehicle	5.00	Yes	City	Non-Qualifying	10/1/2002	Other	$42,105	539
540	02525	2006 FORD RANGER XLT 4X4	Water	Vehicle	5.00	Yes	City	Non-Qualifying	5/18/2006	Other	$16,820	540
541	02526	2006 FORD RANGER XLT 4X4	Water	Vehicle	5.00	Yes	City	Non-Qualifying	5/18/2006	Other	$16,820	541
542	02699	2007 CATERPILLAR MINI HOE 303.5	Water	Vehicle	5.00	Yes	City	Non-Qualifying	4/18/2007	Other	$52,500	542
543	03284	2008 FORD RANGER	Water	Vehicle	5.00	Yes	City	Non-Qualifying	8/21/2008	Other	$18,946	543
544	03285	2008 FORD ESCAPE	Water	Vehicle	5.00	Yes	City	Non-Qualifying	8/21/2008	Other	$17,412	544
545	03515	2005 INTERNATIONAL 7400 SBA 4X2	Water	Vehicle	5.00	Yes	City	Non-Qualifying	6/30/2009	Other	$36,316	545
546	04321	2011 CHEVROLET SILVERADO 1500 4WD EXT	Water	Vehicle	5.00	Yes	City	Non-Qualifying	4/27/2011	Other	$25,490	546
547	04921	2012 CHEVY SILVERADO 4WD	Water	Vehicle	5.00	Yes	City	Non-Qualifying	2/29/2012	Other	$24,567	547
548	04943	2012 CHEVY SILVERADO 4WD	Water	Vehicle	5.00	Yes	City	Non-Qualifying	3/13/2012	Other	$24,567	548
549	04955	2012 FORD ESCAPE 4DR/4WD WHITE	Water	Vehicle	5.00	Yes	City	Non-Qualifying	3/8/2012	Other	$20,337	549
550	05822	2013 CHEVROLET EQUINOX	Water	Vehicle	5.00	Yes	City	Non-Qualifying	2/1/2013	Other	$21,627	550
551	05853	2013 FORD F150 PICKUP SUPERCAB WHITE	Water	Vehicle	5.00	Yes	City	Non-Qualifying	2/20/2013	Other	$23,640	551
552	02335	WIP JUDGE TUNNEL-WIP-51-45087-7319	Water	System - At Capacity			City	Non-Qualifying	6/30/2003	Treatment	$22,078 Water quality related	552

553	02379	WIP JUDGE TUNNEL-WIP-51-45087-7319	Water	System - At Capacity			City	Non-Qualifying	6/30/2004	Treatment	$69,863	Water quality related	553
554	02472	WIP - JUDGE TUNNEL WATER PROJECT	Water	System - At Capacity			City	Non-Qualifying	6/30/2005	Treatment	$96,984	Water quality related	554
555	02646	WIP - JUDGE TUNNEL - WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2006	Treatment	$80,674	Water quality related	555
556	02836	WIP - JUDGE TUNNEL FY2007	Water	System - At Capacity			City	Non-Qualifying	6/29/2007	Treatment	($39,680)	Water quality related	556
557	03077	WIP JUDGE WATER CAP INT NEG AMT WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2008	Treatment	($60,160)	Water quality related	557
558	04107	WIP - JUDGE TUNNEL - WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2010	Treatment	$191,666	Water quality related	558
559	04537	WIP JUDGE TUNNEL WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2011	Treatment	$807,271	Water quality related	559
560	04567	WIP JUDGE TUNNEL CAP INT WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2011	Treatment	$21,844	Water quality related	560
561	05385	WIP - JUDGE TUNNEL -WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2012	Treatment	$221,742	Water quality related	561
562	06368	WIP JUDGE TUNNEL WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2013	Treatment	$170,213	Water quality related	562
563	06369	WIP 2013 PIPELINES SEG B WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2013	Treatment	$406,685	Water quality related	563
564	06370	WIP 2013 PIPELINE SEG A WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2013	Treatment	$418,585	Water quality related	564
565	06371	WIP LAST CHANCE WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2013	Treatment	$237,817		565
566	06372	WIP DEER VALLEY LOOP RD WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2013	Treatment	$471,212		566
567	06373	WIP 13TH ST BOOSTER PUMP STATION WIP	Water	System - At Capacity			City	Non-Qualifying	6/30/2013	Treatment	$7,530		567
											$96,024,833.37		
											$96,024,833.37		
	A	B	C	D	E	F	G	H	I	J	K	L	

Appendix F: Outstanding and Future Debt Allocation

Table F.1: Series 2002 Bond (Refunded by Series 2009B)

Series 2002	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Spiro water treatment	$ 3,104,975	100%	0%	0%	0%	0%	0%	$ 3,104,975	$ -	$ -	$ -	$ -	$ -	$ 3,104,975
Boothill Tank 51-45088-7319	843,611	0%	0%	0%	0%	100%	0%	-	-	-	-	843,611	-	843,611
Judge Water Treatment	350,105	100%	0%	0%	0%	0%	0%	350,105	-	-	-	-	-	350,105
Boothill Pump Station	9,751	0%	100%	0%	0%	0%	0%	-	9,751	-	-	-	-	9,751
Park Meadows	8,069	100%	0%	0%	0%	0%	0%	8,069	-	-	-	-	-	8,069
Water Equipment	52,500	100%	0%	0%	0%	0%	0%	52,500	-	-	-	-	-	52,500
Water Infrastructure	71,761	0%	100%	0%	0%	0%	0%	-	71,761	-	-	-	-	71,761
Arbitrage Rebate	29,466	100%	0%	0%	0%	0%	0%	29,466	-	-	-	-	-	29,466
PC MT Reg Pipeline	1,559,742	0%	100%	0%	0%	0%	0%	-	1,559,742	-	-	-	-	1,559,742
GRAND TOTAL	$ 6,029,980							$ 3,545,115	$ 1,641,254	$ -	$ -	$ 843,611	$ -	$ 6,029,980

Table F.2: Series 2006 Bond (Refunded by Series 2012B, 2013A, and 2013B)

Series 2006	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Boothill Transmission Line	$ 1,065,685	0%	100%	0%	0%	0%	0%	$ -	$ 1,065,685	$ -	$ -	$ -	$ -	$ 1,065,685
Boothill Pump Station	1,507,911	0%	100%	0%	0%	0%	0%	-	1,507,911	-	-	-	-	1,507,911
Boothill Water Storage Tank	1,592,312	0%	0%	0%	0%	100%	0%	-	-	-	-	1,592,312	-	1,592,312
Park Meadows Well Treatment Facility	580,987	100%	0%	0%	0%	0%	0%	580,987	-	-	-	-	-	580,987
GRAND TOTAL	$ 4,746,895							$ 580,987	$ 2,573,596	$ -	$ -	$ 1,592,312	$ -	$ 4,746,895

Table F. 3: Series 2009A Bond

Water Revenue Bond Series 2009A	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Quinns Raw Water Pipeline	$ 2,500,000	0%	0%	100%	0%	0%	0%	$ -	$ -	$ 2,500,000	$ -	$ -	$ -	$ 2,500,000
GRAND TOTAL	$ 2,500,000							$ -	$ -	$ 2,500,000	$ -	$ -	$ -	$ 2,500,000

Table F.4: Series 2009B Bond

Water Revenue Refunding Bonds Series 2009B	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
JUDGE WATER	$ 679,933	100%	0%	0%	0%	0%	0%	$ 679,933	$ -	$ -	$ -	$ -	$ -	$ 679,933
METER READING	384,274	100%	0%	0%	0%	0%	0%	384,274	-	-	-	-	-	384,274
BOOTHILL TRANSMISSION LINE	387,101	0%	100%	0%	0%	0%	0%	-	387,101	-	-	-	-	387,101
PARK CITY WATER INFRASTRUCTURE	1,938,585	0%	100%	0%	0%	0%	0%	-	1,938,585	-	-	-	-	1,938,585
QUINN'S JUNCTION TRANSMISSION LINES	1,052,538	0%	100%	0%	0%	0%	0%	-	1,052,538	-	-	-	-	1,052,538
QUINN'S WATER TREATMENT PLANT	4,169,632	0%	0%	100%	0%	0%	0%	-	-	4,169,632	-	-	-	4,169,632
GRAND TOTAL	$ 8,612,062							$ 1,064,207	$ 3,378,224	$ 4,169,632	$ -	$ -	$ -	$ 8,612,062

Table F.5: Series 2009C BABs

Water Revenue Bond Series 2009C BABs	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
JUDGE WATER	$ 507,226	100%	0%	0%	0%	0%	0%	$ 507,226	$ -	$ -	$ -	$ -	$ -	$ 507,226
METER READING	4,000	100%	0%	0%	0%	0%	0%	4,000	-	-	-	-	-	4,000
BOOTHILL TRANSMISSION LINE	553,117	0%	100%	0%	0%	0%	0%	-	553,117	-	-	-	-	553,117
PARK CITY WATER INFRASTRUCTURE	514,532	0%	100%	0%	0%	0%	0%	-	514,532	-	-	-	-	514,532
QUINN'S JUNCTION TRANSMISSION LINES	252,889	0%	100%	0%	0%	0%	0%	-	252,889	-	-	-	-	252,889
QUINN'S WATER TREATMENT PLANT	7,237,919	0%	0%	100%	0%	0%	0%	-	-	7,237,919	-	-	-	7,237,919
GRAND TOTAL	$ 9,069,684							$ 511,226	$ 1,320,539	$ 7,237,919	$ -	$ -	$ -	$ 9,069,684

Table F.6: Series 2010 Water Revenue Bond

Water Revenue Bonds Series 2010	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
WATER RIGHTS JORDANELLE	$ 12,200,000	100%	0%	0%	0%	0%	0%	$ 12,200,000	$ -	$ -	$ -	$ -	$ -	$ 12,200,000
GRAND TOTAL	$ 12,200,000							$ 12,200,000	$ -	$ -	$ -	$ -	$ -	$ 12,200,000

Table F.7: Series 2012 Bond

Water Revenue Bonds Series 2012	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
JUDGE WATER	$ -	100%	0%	0%	0%	0%	0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -
METER READING	-	100%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
BOOTHILL TRANSMISSION LINE	-	0%	100%	0%	0%	0%	0%	-	-	-	-	-	-	-
PARK CITY WATER INFRASTRUCTURE	-	0%	100%	0%	0%	0%	0%	-	-	-	-	-	-	-
QUINN'S JUNCTION TRANSMISSION LINES	47,761	0%	100%	0%	0%	0%	0%	-	47,761	-	-	-	-	47,761
QUINN'S WATER TREATMENT PLANT	3,973,904	0%	0%	100%	0%	0%	0%	-	-	3,973,904	-	-	-	3,973,904
GRAND TOTAL	$ 4,021,664							$ -	$ 47,761	$ 3,973,904	$ -	$ -	$ -	$ 4,021,664

Table F.8: Series 2012B Bond

Water Revenue Refunding Bonds Series 2012B	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Judge Water Treatment Plant	$ 996,070	100%	0%	0%	0%	0%	0%	$ 996,070	$ -	$ -	$ -	$ -	$ -	$ 996,070
OTIS Water Pipeline Replacement	988,415	50%	50%	0%	0%	0%	0%	494,208	494,208	-	-	-	-	988,415
Quinns Water Treatment Plant	996,279	0%	0%	100%	0%	0%	0%	-	-	996,279	-	-	-	996,279
Park City Water Infrastructure	1,212,514	0%	100%	0%	0%	0%	0%	-	1,212,514	-	-	-	-	1,212,514
Deer Valley Drive Water Intrastructure	524,449	100%	0%	0%	0%	0%	0%	524,449	-	-	-	-	-	524,449
GRAND TOTAL	$ 4,717,726							$ 2,014,727	$ 1,706,721	$ 996,279	$ -	$ -	$ -	$ 4,717,726

Table F. 9: Series 2013A Bond

Water Revenue Refunding Bonds Series 2013A	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Boothill Transmission Line	$ 635,339	0%	100%	0%	0%	0%	0%	$ -	$ 635,339	$ -	$ -	$ -	$ -	$ 635,339
Boothill Pump Station	898,985	0%	100%	0%	0%	0%	0%	-	898,985	-	-	-	-	898,985
Boothill Water Storage Tank	949,303	0%	0%	0%	0%	100%	0%	-	-	-	-	949,303	-	949,303
Park Meadows Well Treatment Facility	346,372	100%	0%	0%	0%	0%	0%	346,372	-	-	-	-	-	346,372
GRAND TOTAL	$ 2,830,000							$ 346,372	$ 1,534,325	$ -	$ -	$ 949,303	$ -	$ 2,830,000

Table F.10: Series 2013B Bond

Water Revenue Refunding Bonds Series 2013B	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Professional Services	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Boothill Transmission Line	$ 48,268	0%	100%	0%	0%	0%	0%	$ -	$ 48,268	$ -	$ -	$ -	$ -	$ 48,268
Boothill Pump Station	68,297	0%	100%	0%	0%	0%	0%	-	68,297	-	-	-	-	68,297
Boothill Water Storage Tank	72,120	0%	0%	0%	0%	100%	0%	-	-	-	-	72,120	-	72,120
Park Meadows Well Treatment Facility	26,314	100%	0%	0%	0%	0%	0%	26,314	-	-	-	-	-	26,314
GRAND TOTAL	$ 215,000							$ 26,314	$ 116,565	$ -	$ -	$ 72,120	$ -	$ 215,000

Table F.11: Summary of Outstanding Water Debt Issues

Outstanding Water Related Debt	Initial Bond Amount	New Money	Refunded Bond	Used For	Information on Refunded Bonds
Water Revenue Bond Series 2009A	$ 2,500,000	$ 2,500,000	N/A	Culinary Water System Improvements	
Water Revenue Refunding Bonds Series 2009B	13,090,000	8,567,659	$5,313,000 (Series 2002)	Judge WTP, Meter Reading, Transmission Lines, Quinn's WTP	Series 2002 was issued for $9,000,000 and refunded $1,285,000 of Series 1994 and $1,663,605 of Series 1991 and $5,567,783 new money to contruct water treatment facilities
Water Revenue Bond Series 2009C BABs	10,135,000	10,135,000	N/A	Judge WTP, Meter Reading, Transmission Lines, Quinn's WTP	
Water Revenue Bonds Series 2010	12,200,000	12,200,000	N/A	Water Rights Purchase from Jordanelle SSD	
Water Revenue Bonds Series 2012	4,160,000	4,160,000	N/A	Culinary Water System Improvements	
Water Revenue Refunding Bonds Series 2012B	5,525,000	4,600,000	$390,000 (Series 2006)	Culinary Water System Improvements	
Water Revenue Refunding Bonds Series 2013A	2,830,000	-	$3,029,000 (Series 2006)	Boothill Projects and Park Meadows WTP	Series 2006 was issued for $4,450,000 to construct water system imfrastructure
Water Revenue Refunding Bonds Series 2013B	215,000	-		Boothill Projects and Park Meadows WTP	
GRAND TOTAL	**$ 50,655,000**	**$ 42,162,659**	**$ 8,732,000**		

Table F.12: Future 2014 Bond

Water Revenue Bond Series 2014	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Years	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% Beyond 10 Years	Totals
TRANSMISSION	$ 3,338,132	72%	9%	0%	0%	0%	19%	$ 2,386,898	$ 310,330	$ -	$ -	$ -	$ 640,904	$ 3,338,132
TREATMENT	2,282,237	0%	0%	23%	0%	0%	77%	-	-	527,197	-	-	1,755,040	2,282,237
BEYOND 10 YEARS	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
GRAND TOTAL	$ 5,620,369							$ 2,386,898	$ 310,330	$ 527,197	$ -	$ -	$ 2,395,944	$ 5,620,369

Table F.13: Future 2015 Bond

Water Revenue Bond Series 2015	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Years	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Production	$ -	0%	0%	0%	0%	0%	0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
Storage	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
Transmission	789,609	17%	27%	0%	0%	0%	56%	137,224	213,035	-	-	-	439,349	789,609
GRAND TOTAL	$ 789,609							$ 137,224	$ 213,035	$ -	$ -	$ -	$ 439,349	$ 789,609

Table F.14: Future 2016 Bond

Water Revenue Bond Series 2016	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Years	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Production	$ -	0%	0%	0%	0%	0%	0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
Storage	462,343	100%	0%	0%	0%	0%	0%	462,343	-	-	-	-	-	462,343
Transmission	943,784	95%	2%	0%	0%	0%	3%	899,860	14,469.07	-	-	-	29,713	944,042
GRAND TOTAL	$ 1,406,127							$ 1,362,203	$ 14,469	$ -	$ -	$ -	$ 29,713	$ 1,406,385

Table F. 15: Future 2019 Bond

Water Revenue Bond Series 2019	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Years	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Production	$ -	0%	0%	0%	0%	0%	0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
Storage	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
Transmission	1,315,105	71%	10%	0%	0%	0%	20%	928,820	125,793	-	-	-	260,492	1,315,105
GRAND TOTAL	$ 1,315,105							$ 928,820	$ 125,793	$ -	$ -	$ -	$ 260,492	$ 1,315,105

Table F.16: Future 2020 Bond

Water Revenue Bond Series 2020	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Years	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Production	$ -	0%	0%	0%	0%	0%	0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
Storage	2,794,927	65%	0%	0%	0%	11%	23%	1,825,087	-	-	-	315,827	654,013	2,794,927
Transmission	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
GRAND TOTAL	$ 2,794,927							$ 1,825,087	$ -	$ -	$ -	$ 315,827	$ 654,013	$ 2,794,927

Table F. 17: Future 2021 Bond

Water Revenue Bond Series 2021	Bond Proceeds Expended	% to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Years	$ to Non-Impact Fee Qualifying	% to Transmission	% to Treatment	% to Production	% to Storage	% to Beyond 10 Year	Totals
Production	$ -	0%	0%	0%	0%	0%	0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Treatment	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
Storage	1,621,033	65%	0%	0%	0%	11%	23%	1,058,535	-	-	-	183,177	379,322	1,621,033
Transmission	-	0%	0%	0%	0%	0%	0%	-	-	-	-	-	-	-
GRAND TOTAL	$ 1,621,033							$ 1,058,535	$ -	$ -	$ -	$ 183,177	$ 379,322	$ 1,621,033
							Overall	89%	0%	0%	0%	11%	0%	

Table F.18: Summary of Future Water Related Debt Issues

Future Water Related Debt	Initial Bond Amount	New Money	Refunded Bond	Used For
Water Revenue Bond Series 2014	$ 5,620,369	$ 5,620,369	N/A	Quinn's WTP Capacity Upgrade and Transmission
Water Revenue Bond Series 2015	789,609	789,609	N/A	Transmission Lines
Water Revenue Bond Series 2016	1,406,127	1,406,127	N/A	Transmission Lines and Park City Heights Tank
Water Revenue Bond Series 2019	1,315,105	1,315,105	N/A	Transmission Lines
Water Revenue Bond Series 2020	2,794,927	2,794,927	N/A	West Neck Tank
Water Revenue Bond Series 2021	1,621,033	1,621,033	N/A	Silver Lake Tank II
GRAND TOTAL	**$ 13,547,170**	**$ 13,547,170**		

APPENDIX G: OUTSTANDING AND FUTURE WATER DEBT

Table G.1: Outstanding Bond Summary

Bond Issue	Total Par Amount	Interest	Total Debt Service	% Ten Year Qualifying	Beyond Ten Years	% Non-Qualifying	Totals
Series 2009A Water Revenue Bond (DEQ)	$ 2,500,000	$ -	$ 2,500,000	34%	0%	66%	100%
Series 2009B Water Revenue Bond	13,090,000	3,572,938	16,662,938	13%	7%	80%	100%
Series 2009C Water Revenue Bond (Build America Bond)	10,135,000	4,358,209	14,493,209	28%	2%	70%	100%
Series 2010 Water Revenue Bond	12,825,000	4,619,725	17,444,725	0%	0%	100%	100%
Series 2012 Water Revenue Bond	4,160,000	1,099,565	5,259,565	33%	0%	66%	100%
Series 2012B Water Revenue Bond	5,525,000	1,808,220	7,333,220	10%	6%	84%	100%
Series 2013A Water Revenue Bond	2,830,000	427,723	3,257,723	8%	16%	76%	100%
Series 2013B Water Revenue Bond	215,000	878	215,878	8%	16%	76%	100%
Totals	**$ 51,280,000**	**$ 15,887,258**	**$ 67,167,258**				
			Total Bond Interest	**$ 2,274,704**	**$ 517,766**	**$ 13,094,788**	**$ 15,887,258**

Table G.2: Future Bond Summary

Bond Issue	Total Par Amount	Interest	Total Debt Service	Bond Proceeds	% Ten Year Qualifying	Beyond Ten Years	% Non-Qualifying	Totals
Series 2014	$ 5,520,000	$ 2,002,035	$ 7,522,035	$ 5,620,369	15%	43%	42%	100%
Series 2015	833,000	290,360	1,123,360	789,609	27%	56%	17%	100%
Series 2016	1,479,000	516,240	1,995,240	1,406,127	1%	2%	97%	100%
Series 2019	1,384,000	483,120	1,867,120	1,315,105	10%	20%	71%	100%
Series 2020	2,941,000	1,026,520	3,967,520	2,794,927	11%	23%	65%	100%
Series 2021	1,707,000	595,840	2,302,840	1,621,033	11%	23%	65%	100%
Totals	**$ 13,864,000**	**$ 4,914,115**	**$ 18,778,115**	**$ 13,547,170**				
				Total Bond Interest	**$ 611,524**	**$ 1,501,255**	**$ 2,801,336**	**$ 4,914,115**

Table G.3: Outstanding Bond Allocatior

System	Transmission	Treatment	Production	Storage	Non-Qualifying	% Total
Series 2009A Water Revenue Bond (DEQ)	0%	100%	0%	0%	0%	100%
Series 2009B Water Revenue Bond	35%	30%	0%	5%	30%	100%
Series 2009C Water Revenue Bond (Build America Bond)	15%	80%	0%	0%	6%	100%
Series 2010 Water Revenue Bond	0%	0%	0%	0%	100%	100%
Series 2012 Water Revenue Bond	1%	99%	0%	0%	0%	100%
Series 2012B Water Revenue Bond	37%	20%	0%	2%	40%	100%
Series 2013A Water Revenue Bond	54%	0%	0%	34%	12%	100%
Series 2013B Water Revenue Bond	54%	0%	0%	34%	12%	100%
Total Outstanding Interest Cost	**$ 2,788,724**	**$ 6,002,119**	**$ -**	**$ 375,754**	**$ 6,720,661**	**$ 15,887,258**

Table G.4: Future Bond Allocation

System	Transmission	Treatment	Production	Storage	Non-Qualifying	% Total
Series 2014	59%	41%	0%	0%	0%	100%
Series 2015	100%	0%	0%	0%	0%	100%
Series 2016	67%	0%	0%	33%	0%	100%
Series 2019	100%	0%	0%	0%	0%	100%
Series 2020	0%	0%	0%	100%	0%	100%
Series 2021	0%	0%	0%	100%	0%	100%
Total Future Interest Cost	**$ 2,309,086**	**$ 812,957**	**$ -**	**$ 1,792,072**	**$ -**	**$ 4,914,115**

Table G.5: Existing Debt Proportion to Ten Year Growth

Proportion to Ten Year Growth	Transmission	Treatment	Production	Storage
Existing Demand	77.1%	66.3%	44.7%	65.1%
10 Year Demand	7.5%	33.7%	32.9%	11.4%
Demand Beyond 10 Year	15.4%	0.0%	22.4%	23.5%
	100%	**100%**	**100%**	**100%**

Table G.6: Future Debt Proportion to Ten Year Growth

Proportion to Ten Year Growth	Transmission	Treatment	Production	Storage
Existing Demand	67.8%	0.0%	0.0%	68.6%
10 Year Demand	10.5%	23.1%	0.0%	10.2%
Demand Beyond 10 Year	21.7%	76.9%	0.0%	21.2%
	100%	**100%**	**0%**	**100%**

Table G.7: Outstanding Bond Allocation 10 Year Growth

System	Transmission	Treatment	Production	Storage	Beyond Ten Years	Existing/ Non-Qualifying	% Total
Series 2009A Water Revenue Bond (DEQ)	0.00%	33.70%	0.00%	0.00%	0.00%	66.30%	100%
Series 2009B Water Revenue Bond	2.60%	10.09%	0.00%	0.61%	6.59%	80.11%	100%
Series 2009C Water Revenue Bond (Build America Bond)	1.09%	26.89%	0.00%	0.00%	2.24%	69.77%	100%
Series 2010 Water Revenue Bond	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100%
Series 2012 Water Revenue Bond	0.09%	33.30%	0.00%	0.00%	0.18%	66.43%	100%
Series 2012B Water Revenue Bond	2.78%	6.85%	0.00%	0.26%	6.25%	83.85%	100%
Series 2013A Water Revenue Bond	4.07%	0.00%	0.00%	3.82%	16.23%	75.88%	100%
Series 2013B Water Revenue Bond	4.07%	0.00%	0.00%	3.82%	16.23%	75.88%	100%
Total Outstanding Interest Cost	**$ 209,154**	**$ 2,022,714**	**$ -**	**$ 42,836**	**$ 517,766**	**$ 13,094,788**	**$ 15,887,258**

Table G.8: Future Bond Allocation 10 Year Growth

System	Transmission	Treatment	Production	Storage	Beyond Ten Years	Non-Qualifying	% Total
Series 2014	6%	9%	0%	0%	43%	42%	100%
Series 2015	27%	0%	0%	0%	56%	17%	100%
Series 2016	1%	0%	0%	0%	2%	97%	100%
Series 2019	10%	0%	0%	0%	20%	71%	100%
Series 2020	0%	0%	0%	11%	23%	65%	100%
Series 2021	0%	0%	0%	11%	23%	65%	100%
Total Future Interest Cost	**$ 240,404**	**$ 187,793**	**$ -**	**$ 183,327**	**$ 1,501,255**	**$ 2,801,336**	**$ 4,914,115**

APPENDIX H: ROCKPORT LEASE PAYMENTS

Table H.1: Rockport Lease Payments

ROCKPORT WATER - WEBER BASIN WATER RECLAMATION DISTRICT COSTS Park City's share of total cost					
Description	Timeframe	Estimated Annual Cost			Total Qualifying Capital Cost
		Cost Per Acre Foot	Acre Feet	Total	
Capital Facilities	2008 to 2027	$ 103.03	2900	$ 298,787	**$ 5,975,740**
Asset Replacement Fee	Ongoing beginning 2011	28.00	2900	81,200	
Power Capital Costs	17 years	40.32	2900	116,928	**1,987,776**
Water Cost (inflation variable)	Ongoing beginning 2011	164.83	2900	478,007	**478,007**
Total WBWCD Portion Cost		**$ 336.18**		**$ 974,922**	**$ 8,441,523**

ROCKPORT WATER - MOUNTAIN REGIONAL WATER COSTS Park City's share of total cost					
Description	Timeframe	Estimated Annual Cost			Total Qualifying Capital Cost
		Cost Per Acre Foot	Acre Feet	Total	
Capital Facilities and Pond	Debt service is 2008 to December 2033	$ 36.39	2900	$ 113,515	**$ 2,837,875**
Asset Replacement Fee (fixed cost)	Ongoing beginning 2012 - Capped at $1.0 mil	15.39	2900	44,631	
2012 Contractual Capital Facilities Contribution	2012 - 2034	3.22	2900	9,338	**214,774**
Fixed O & M	Ongoing beginning 2012	76.66	2900	222,314	
Variable O & M and Pumping	Ongoing beginning 2012	94.49	2900	274,021	
Total MRW Portion Cost		**$ 226.15**		**$ 663,819**	**$ 3,052,649**
				Total Qualifying Cost	**$ 11,494,172**

APPENDIX I: OUTSTANDING WATER DEBT

051-40740-08111

	Series 2009A Water Revenue Bond (DEQ)			Series 2009B Water Revenue Bond			Series 2009C Water Revenue Bond (Build America Bond)			Series 2010 Water Revenue Bond		
	Qualifying	Non-Qualifying	$ Qualifying	Qualifying	Non-Qualifying	$ Qualifying	Qualifying	Non-Qualifying	$ Qualifying	Qualifying	Non-Qualifying	$ Qualifying
% to Non-Impact Fee Qualifying	0%	66%	$ -	0%	80%	$ -	0%	70%	$ -	0%	100%	$ -
% to Transmission	0%	0%	-	3%	0%	92,838	1%	0%	71,254	0%	0%	-
% to Treatment	34%	0%	-	10%	0%	360,542	27%	0%	1,754,856	0%	0%	-
% to Production	0%	0%	-	0%	0%	-	0%	0%	-	0%	0%	-
% to Storage	0%	0%	-	1%	0%	21,742	0%	0%	-	0%	0%	-
% to Professional Services	0%	0%	-	7%	0%	235,447	2%	0%	146,309	0%	0%	-

	Principal	Interest	Total D/S	Principal	Interest	Total D/S	Principal	Interest	Interest After Subsidy*	Total D/S	Principal	Interest	Total D/S
2010	$ 125,000	$ -	$ 125,000	$ 650,000	$ 396,338	$ 1,046,338	$ -	$ 361,698	$ 235,104	$ 235,104	$ 625,000	$ 467,400	$ 1,092,400
2011	125,000	-	125,000	635,000	531,350	1,166,350	-	508,638	330,614	330,614	625,000	467,400	1,092,400
2012	125,000	-	125,000	650,000	505,950	1,155,950	-	508,638	330,614	330,614	635,000	454,800	1,089,800
2013	125,000	-	125,000	1,415,000	483,200	1,898,200	-	508,638	330,614	330,614	650,000	435,450	1,085,450
2014	125,000	-	125,000	1,470,000	426,600	1,896,600	-	508,638	343,432	343,432	680,000	408,850	1,088,850
2015	125,000	-	125,000	1,525,000	382,500	1,907,500	-	508,638	343,432	343,432	700,000	388,250	1,088,250
2016	125,000	-	125,000	1,575,000	321,500	1,896,500	-	508,638	343,432	343,432	725,000	366,750	1,091,750
2017	125,000	-	125,000	1,640,000	258,500	1,898,500	-	508,638	343,432	343,432	755,000	337,150	1,092,150
2018	125,000	-	125,000	1,720,000	176,500	1,896,500	-	508,638	343,432	343,432	790,000	302,300	1,092,300
2019	125,000	-	125,000	1,810,000	90,500	1,900,500	-	508,638	343,432	343,432	825,000	261,925	1,086,925
2020	125,000	-	125,000			-	1,900,000	508,638	343,432	2,243,432	870,000	219,550	1,089,550
2021	125,000	-	125,000			-	1,960,000	419,338	283,137	2,243,137	910,000	179,600	1,089,600
2022	125,000	-	125,000			-	2,025,000	323,298	218,290	2,243,290	950,000	142,400	1,092,400
2023	125,000	-	125,000			-	2,090,000	221,035	149,243	2,239,243	1,000,000	103,400	1,103,400
2024	125,000	-	125,000			-	2,160,000	113,400	76,568	2,236,568	1,015,000	63,100	1,078,100
2025	125,000	-	125,000			-				-	1,070,000	21,400	1,091,400
2026	125,000	-	125,000			-				-			-
2027	125,000	-	125,000			-				-			-
2028	125,000	-	125,000			-				-			-
2029	125,000	-	125,000			-				-			-
2030		-	-			-				-			-
2031			-			-				-			-
2032			-			-				-			-
2033			-			-				-			-
2034			-			-				-			-
2035			-			-				-			-
2036			-			-				-			-
2037			-			-				-			-
2038			-			-				-			-
2039			-			-				-			-
2040			-			-				-			-
Total	**$ 2,500,000**	**$ -**	**$ 2,500,000**	**$ 13,090,000**	**$ 3,572,938**	**$ 16,662,938**	**$ 10,135,000**	**$ 6,525,143**	**$ 4,358,209**	**$ 14,493,209**	**$ 12,825,000**	**$ 4,619,725**	**$ 17,444,725**

*** 2009C Interest includes a BAB subsidy of 35% for FY 2010-2013, subsidy is estimated at 32.5% for FY 2014 and beyond**

Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	
													1
													2
Series 2012 Water Revenue Bond			**Series 2012B Water Revenue Bond**			**Series 2013A Water Revenue Bond**			**Series 2013B Water Revenue Bond**				3
Qualifying	**Non-Qualifying**	**$ Qualifying**	**Qualifying**	**Non-Qualifying**	**$ Qualifying**	**Qualifying**	**Non-Qualifying**	**$ Qualifying**	**Qualifying**	**Non-Qualifying**	**$ Qualifying**		4
0.0%	**66%**	**$ -**	**0%**	**84%**	**$ -**	**0%**	**76%**	**$ -**	**0%**	**76%**	**$ -**	**$ -**	5
0.1%	**0%**	**979**	**3%**	**0%**	**50,317**	**4%**	**0%**	**17,392**	**4%**	**0%**	**36**	**$ 232,817**	6
33%	**0%**	**366,153**	**7%**	**0%**	**123,933**	**0%**	**0%**	**-**	**0%**	**0%**	**-**	**$ 2,605,484**	7
0.0%	**0%**	**-**	**0%**	**0%**	**-**	**0%**	**0%**	**-**	**0%**	**0%**	**-**	**$ -**	8
0.0%	**0%**	**-**	**0%**	**0%**	**4,704**	**4%**	**0%**	**16,356**	**4%**	**0%**	**34**	**$ 42,836**	9
0.2%	**0%**	**2,011**	**6%**	**0%**	**113,015**	**16%**	**0%**	**69,429**	**16%**	**0%**	**143**	**$ 566,353**	10
													11
						$2,830,000 is amount to water.			**$215,000 refunded water debt.**			**3,447,490.27**	14
Principal	**Interest**	**Total D/S**	**Principal**	**Interest**	**Total D/S**	**Principal**	**Interest**	**Total D/S**	**Principal**	**Interest**	**Total D/S**		15
		$ -			$ -			$ -			$ -	**2010**	16
		-			-			-			-	**2011**	17
		-			-			-			-	**2012**	18
210,000	121,615	331,615	-	62,502	62,502	-	17,923	17,923		340	340	**2013**	19
220,000	112,550	332,550	-	124,313	124,313	-	56,600	56,600	215,000	538	215,538	**2014**	20
230,000	108,150	338,150	-	124,313	124,313	210,000	54,500	264,500			-	**2015**	21
240,000	103,550	343,550	-	124,313	124,313	215,000	50,250	265,250			-	**2016**	22
245,000	98,750	343,750	-	124,313	124,313	215,000	45,950	260,950			-	**2017**	23
255,000	93,850	348,850	-	124,313	124,313	225,000	41,550	266,550			-	**2018**	24
265,000	86,200	351,200	-	124,313	124,313	230,000	37,000	267,000			-	**2019**	25
280,000	78,250	358,250	-	124,313	124,313	235,000	32,350	267,350			-	**2020**	26
290,000	69,850	359,850	-	124,313	124,313	240,000	27,600	267,600			-	**2021**	27
300,000	61,150	361,150	-	124,313	124,313	245,000	22,750	267,750			-	**2022**	28
310,000	52,150	362,150	-	124,313	124,313	245,000	17,850	262,850			-	**2023**	29
315,000	42,850	357,850	-	124,313	124,313	250,000	12,900	262,900			-	**2024**	30
325,000	33,400	358,400	-	124,313	124,313	255,000	7,850	262,850			-	**2025**	31
335,000	23,650	358,650	-	124,313	124,313	265,000	2,650	267,650			-	**2026**	32
340,000	13,600	353,600	2,525,000	95,906	2,620,906			-			-	**2027**	33
		-	3,000,000	33,750	3,033,750			-			-	**2028**	34
		-			-			-			-	**2029**	35
		-			-			-			-	**2030**	36
		-			-			-			-	**2031**	37
		-			-			-			-	**2032**	38
		-			-			-			-	**2033**	39
		-			-			-			-	**2034**	40
		-			-			-			-	**2035**	41
		-			-			-			-	**2036**	42
		-			-			-			-	**2037**	43
		-			-			-			-	**2038**	44
		-			-			-			-	**2039**	45
		-			-			-			-	**2040**	46
$ 4,160,000	**$ 1,099,565**	**$ 5,259,565**	**$ 5,525,000**	**$ 1,808,220**	**$ 7,333,220**	**$ 2,830,000**	**$ 427,723**	**$ 3,257,723**	**$ 215,000**	**$ 878**	**$ 215,878**		47
			$ 807,274										
Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	

APPENDIX J: FUTURE WATER DEBT

	Series 2014 Water Revenue Bond			Series 2015 Water Revenue Bond			Series 2016 Water Revenue Bond			Series 2019 Water Revenue Bond			Series 2020 Water Revenue Bond			Series 2021 Water Revenue Bond		
	Qualifying	Non-Qualifying	$ Qualifying	Qualifying	Non-Qualifying	$ Qualifying	Qualifying	Non-Qualifying	$ Qualifying	Qualifying	Non-Qualifying	$ Qualifying	Qualifying	Non-Qualifying	$ Qualifying	Qualifying	Non-Qualifying	$ Qualifying
% to Non-Impact Fee	0%	42%	$ -	0%	17%	$ -	0%	97%	$ -	0%	71%	$ -	0%	65%	$ -	0%	65%	$ -
% to Transmission	6%	0%	110,543	27%	0%	78,338	1%	0%	5,311	10%	0%	46,212	0%	0%	-	0%	0%	-
% to Treatment	9%	0%	187,793	0%	0%	-	0%	0%	-	0%	0%	-	0%	0%	-	0%	0%	-
% to Production	0%	0%	-	0%	0%	-	0%	0%	-	0%	0%	-	0%	0%	-	0%	0%	-
% to Storage	0%	0%	-	0%	0%	-	0%	0%	-	0%	0%	-	11%	0%	115,997	11%	0%	67,330
% to Beyond 10 Years	0%	43%	-	0%	56%	-	0%	2%	-	0%	20%	-	0%	23%	-	0%	23%	-
Impact Fee - 480																		
Service Fee - 481																		

	Principal	Interest	Total D/S	Principal	Interest	Total D/S	Principal	Interest	Total D/S	Principal	Interest	Total D/S	Principal	Interest	Total D/S	Principal	Interest	Total D/S	
2015				$ 42,000	$ 33,320	$ 75,320													**2015**
2016				$43,000.00	31,640	74,640	$ 74,000	$ 59,160	$ 133,160										**2016**
2017				45,000	29,920	74,920	77,000	56,200	133,200										**2017**
2018				47,000	28,120	75,120	80,000	53,120	133,120										**2018**
2019		180,090	180,090	49,000	26,240	75,240	83,000	49,920	132,920	$ 69,000	$ 55,360	$ 124,360							**2019**
2020		180,090	180,090	51,000	24,280	75,280	86,000	46,600	132,600	72,000	52,600	124,600	$ 147,000	$ 117,640	$ 264,640				**2020**
2021		180,090	180,090	53,000	22,240	75,240	90,000	43,160	133,160	75,000	49,720	124,720	153,000	111,760	264,760	$ 85,000	$ 68,280	$ 153,280	**2021**
2022		180,090	180,090	55,000	20,120	75,120	94,000	39,560	133,560	78,000	46,720	124,720	159,000	105,640	264,640	89,000	64,880	153,880	**2022**
2023		180,090	180,090	57,000	17,920	74,920	97,000	35,800	132,800	81,000	43,600	124,600	165,000	99,280	264,280	92,000	61,320	153,320	**2023**
2024		180,090	180,090	59,000	15,640	74,640	101,000	31,920	132,920	84,000	40,360	124,360	172,000	92,680	264,680	96,000	57,640	153,640	**2024**
2025		180,090	180,090	61,000	13,280	74,280	105,000	27,880	132,880	87,000	37,000	124,000	179,000	85,800	264,800	100,000	53,800	153,800	**2025**
2026		180,090	180,090	64,000	10,840	74,840	109,000	23,680	132,680	91,000	33,520	124,520	186,000	78,640	264,640	104,000	49,800	153,800	**2026**
2027		180,090	180,090	66,000	8,280	74,280	114,000	19,320	133,320	95,000	29,880	124,880	193,000	71,200	264,200	108,000	45,640	153,640	**2027**
2028		180,090	180,090	69,000	5,640	74,640	118,000	14,760	132,760	98,000	26,080	124,080	201,000	63,480	264,480	112,000	41,320	153,320	**2028**
2029	2,300,000	145,590	2,445,590	72,000	2,880	74,880	123,000	10,040	133,040	102,000	22,160	124,160	209,000	55,440	264,440	117,000	36,840	153,840	**2029**
2030	3,220,000	55,545	3,275,545				128,000	5,120	133,120	106,000	18,080	124,080	217,000	47,080	264,080	121,000	32,160	153,160	**2030**
2031			-							111,000	13,840	124,840	226,000	38,400	264,400	126,000	27,320	153,320	**2031**
2032			-							115,000	9,400	124,400	235,000	29,360	264,360	131,000	22,280	153,280	**2032**
2033			-							120,000	4,800	124,800	245,000	19,960	264,960	136,000	17,040	153,040	**2033**
2034			-										254,000	10,160	264,160	142,000	11,600	153,600	**2034**
2035			-													148,000	5,920	153,920	**2035**
2036			-																**2036**
2037			-																**2037**
2038			-																**2038**
2039			-																**2039**
2040			-																**2040**
2041			-																**2041**
2042			-																**2042**
2043			-																**2043**
2044			-																**2044**
Total	$ 5,520,000	$ 2,002,035	$ 7,522,035	$ 833,000	$ 290,360	$ 1,123,360	$ 1,479,000	$ 516,240	$ 1,995,240	$ 1,384,000	$ 483,120	$ 1,867,120	$ 2,941,000	$ 1,026,520	$ 3,967,520	$ 1,707,000	$ 595,840	$ 2,302,840	

APPENDIX K: CALCULATION OF THE IMPACT FEE PER GPM

TABLE K.1: IMPACT FEE CALCULATION

Component	Total Cost to Component	% That will Serve Ten Year Demand	Dollar Amount that will Serve Ten Year Demand	Ten Year Demand (GPM)	Cost per GPM
Production Impact Fee - Rockport					
Future 10 Year Capital Projects	$ -	0.00%	$ -	1,185	$ -
Future Production Related Debt to be Issued - INTEREST ONLY	-	0.00%	-	1,185	-
Existing Production Projects	8,357,888	32.90%	2,749,745	1,185	2,320
Existing Production Related Debt - INTEREST ONLY	-	0.00%	-	1,185	-
Rockport Lease	11,494,172	32.90%	3,781,583	1,185	3,191
Production Subtotal	**$ 19,852,060**		**$ 6,531,328**		**$ 5,511.67**
Treatment Impact Fee - Quinn's Junction					
Future 10 Year Capital Projects	$ 3,114,575	23.10%	$ 719,467	1,185	$ 607.15
Future Treatment Related Debt to be Issued - INTEREST ONLY	812,957	23.10%	187,793	1,185	158
Existing Treatment Projects	15,901,475	33.70%	5,358,797	1,185	4,522
Existing Treatment Related Debt - INTEREST ONLY	6,002,119	33.70%	2,022,714	1,185	1,707
Treatment Subtotal	**$ 25,831,126**		**$ 8,288,771**		**$ 6,994.74**
Storage Impact Fee					
Future 10 Year Capital Projects	$ 8,130,507	10.23%	$ 831,673	1,185	$ 702
Future Storage Related Debt to be Issued - INTEREST ONLY	1,792,072	10.23%	183,327	1,185	155
Existing Storage Projects	5,627,068	11.40%	641,486	1,185	541
Existing Storage Related Debt - OUTSTANDING INTEREST	375,754	11.40%	42,836	1,185	36
Storage Subtotal	**$ 15,925,400**		**$ 1,699,321**		**$ 1,434.03**
Transmission Impact Fee					
Future 10 Year Capital Projects	$ 9,636,387	10.51%	$ 1,012,336	1,185	$ 854.29
Future Transmission Related Debt to be Issued - INTEREST ONLY	2,309,086	10.41%	240,404	1,185	203
Existing Transmission Projects	21,536,608	7.50%	1,615,246	1,185	1,363
Existing Transmission Related Debt - OUTSTANDING INTEREST	2,788,724	7.50%	209,154	1,185	177
Transmission Subtotal	**$ 36,270,806**		**$ 3,077,140**		**$ 2,596.74**
Professional Services/ Credits					
Unspent Impact Fee Funds	-	0.00%	$ -	1,185	-
Professional Services/ Credits	50,000	100%	50,000	1,185	42
Professional Services/Credits Subtotal	**50,000**		**50,000**		**42.19**
Total Impact Fee Per GPM	**$ 97,929,391**		**$ 19,646,559**		**$ 16,579.38**

Appendix L: Maximum Culinary Water Impact Fees

Fee per GPM	$ 16,579.38

Table L.1: Residential Impact Fee by Property Type

OUTDOOR - Peak Day

Yard Area (Irrigated Sq Ft)	Peak Day Gallons	1 Gpm (Gal)	Gpm Demand	Proposed Fee
Calculated Per 1,000 Sq Ft	138.8	1,440	0.096	$ 1,598

INDOOR - Winter Month Peak Day (Observed Dec 16 to Jan 15)

Unit Size (Sq. Ft.)		Peak Day	1 Gpm (Gal)	Gpm Demand	Proposed Fee
-	1,000	298	1,440	0.2067	$ 3,428
1,001	2,000	400	1,440	0.2776	4,602
2,001	3,000	539	1,440	0.3740	6,200
3,001	4,000	687	1,440	0.4771	7,910
4,001	5,000	817	1,440	0.5671	9,403
5,001+		983	1,440	0.6829	11,322

Table L.2: Non-Residential Impact Fee by Property Type

Property Type	Gallons per Unit	GPM per Unit	Floor Area per Unit	Fee per Unit
Assembly				
Restaurant, Bar including decks	35	0.0243	7	402.97
Theater, Auditorium, Church	5	0.0035	7	57.57
Office	15	0.0104	100	172.70
Educational				
Classroom	25	0.0174	20	$ 287.84
Shop/Vocational	25	0.0174	50	287.84
Exercise Area	25	0.0174	50	287.84
Hotel/Motel	150	0.1042	580	1,727.02
Industrial	Calculated	Calculated		Calculated
Institutional				
Inpatient Treatment	250	0.1736	240	$ 2,878.36
Outpatient Treatment	5	0.0035		Calculated
Sleeping Area	5	0.0035		Calculated
Other	Calculated	Calculated		Calculated
Retail	10	0.0069	60	115.13
Swimming Pool or Skating Rink				
Rink or Pool Area	10	0.0069		$ 115.13
Decks	Calculated	Calculated		Calculated
Warehouse	Calculated	Calculated		Calculated
Parking Garage	Calculated	Calculated		Calculated
Government	Calculated	Calculated		Calculated
Library				
Reading Area	Calculated	Calculated		Calculated
Stack Area	Calculated	Calculated		Calculated

TABLE L.3: NON-STANDARD IMPACT FEE CALCULATION

Non-Standard Users Impact Fee Formula
Step 1: Identify Estimated Peak Day GPM Demand of Proposed Development
Step 2: Multiply Equivalent Peak Day GPMs by Impact Fee per GPM of $16,579.38

APPENDIX M: HISTORIC AND PROPOSED FEE COMPARISON

Proposed Fee Schedule		Unit Size (Sq Ft) 750	1,250	2,500	3,500	4,500	5,500	7,500	10,000
Yard Area (Irrigated Sq. Ft)	1,000	$ 5,026	$ 6,200	$ 7,799	$ 9,508	$ 11,001	$ 12,920	$ 12,920	$ 12,920
	3,000	8,222	9,396	10,995	12,704	14,197	16,116	16,116	16,116
	5,000	11,418	12,592	14,191	15,900	17,393	19,312	19,312	19,312
	7,000	14,614	15,788	17,387	19,096	20,589	22,508	22,508	22,508
	9,000	17,810	18,984	20,583	22,292	23,785	25,704	25,704	25,704
	10,000	19,408	20,583	22,181	23,890	25,383	27,302	27,302	27,302
	13,000	24,203	25,377	26,975	28,684	30,178	32,096	32,096	32,096
	20,000	35,389	36,563	38,162	39,871	41,364	43,283	43,283	43,283
	40,000	67,350	68,525	70,123	71,832	73,325	75,244	75,244	75,244

Historic Fee Schedule		Unit Size (Sq Ft) 750	1,250	2,500	3,500	4,500	5,500	7,500	10,000
Yard Area (Irrigated Sq. Ft)	1,000	$ 6,454	$ 8,240	$ 10,026	$ 11,813	$ 11,813	$ 13,599	$ 15,385	$ 15,385
	3,000	9,335	11,121	12,907	14,694	14,694	16,480	18,266	18,266
	5,000	12,216	14,002	15,789	17,575	17,575	19,361	21,147	21,147
	7,000	15,097	16,883	18,670	20,456	20,456	22,242	24,029	24,029
	9,000	17,978	19,765	21,551	23,337	23,337	25,123	26,910	26,910
	10,000	17,978	19,765	21,551	23,337	23,337	25,123	26,910	26,910
	13,000	22,300	24,086	25,873	27,659	27,659	29,445	31,231	31,231
	20,000	32,384	34,170	35,956	37,743	37,743	39,529	41,315	41,315
	40,000	61,195	62,981	64,768	66,554	66,554	68,340	70,127	70,127

$ Change		Unit Size (Sq Ft) 750	1,250	2,500	3,500	4,500	5,500	7,500	10,000
Yard Area (Irrigated Sq. Ft)	1,000	$ (1,428)	$ (2,040)	$ (2,228)	$ (2,305)	$ (812)	$ (679)	$ (2,466)	$ (2,466)
	3,000	(1,113)	(1,725)	(1,913)	(1,990)	(497)	(364)	(2,151)	(2,151)
	5,000	(798)	(1,410)	(1,598)	(1,675)	(182)	(49)	(1,836)	(1,836)
	7,000	(483)	(1,095)	(1,283)	(1,360)	133	266	(1,521)	(1,521)
	9,000	(168)	(780)	(968)	(1,045)	448	581	(1,206)	(1,206)
	10,000	1,430	818	630	553	2,046	2,179	393	393
	13,000	1,903	1,291	1,103	1,026	2,519	2,651	865	865
	20,000	3,005	2,393	2,205	2,128	3,621	3,754	1,968	1,968
	40,000	6,155	5,543	5,355	5,278	6,771	6,904	5,118	5,118

CHAPTER 13 - IMPACT FEES

11-13- 1. DEFINITIONS.

The following words and terms shall have the following meanings for the purposes of this chapter, unless the context clearly requires otherwise:

(A) **BUILDING PERMIT**. The permit required for any Development Activity, as defined herein, and pursuant to Chapter 11-3 et seq. of the Municipal Code of Park City, Utah.

(B) **CONSTRUCTION VALUE**. The value of construction per square foot used by the Park City Building Department to determine plan check and Building Permit fees, multiplied by the area of Development Activity.

(C) **DEPARTMENT**. The ~~Community Development Department.~~Park City Building Department.

(D) **DEVELOPMENT ACTIVITY**. Any construction or expansion of a building, structure, or use, any change in use of a building or structure, or any change in the use of land, which is accompanied by a request for a Building Permit.

(E) **~~DIRECTOR~~OFFICIAL**. The Chief Building Official of Park City~~Director of Community Development~~ or his/her designee.

(F) **ENCUMBER**. To reserve, set aside or otherwise earmark, the Impact Fees in order to pay for commitments, contractual obligations or other liabilities incurred for Public Facilities.

(G) **IMPACT FEE**. Any fee levied pursuant to this chapter as a condition of issuance of a ~~b~~Building ~~p~~Permit. "Impact Fee" does not include fees imposed under Section 11-12 of the Municipal Code.

(H) **INDEPENDENT FEE CALCULATION**. An I~~i~~mpact F~~f~~ee calculation prepared by a fee payer to support assessment of an ~~i~~Impact F~~f~~ee different from any fee set forth herein.

(I) **OWNER**. The owner of record of real property, or a person with an unrestricted written option to purchase property; provided that, if the real property is being purchased under a recorded real estate contract, the purchaser shall be considered the owner of the real property.

(J) **PARKS, TRAILS AND OPEN SPACE IMPACT FEE**. The I~~i~~mpact F~~f~~ee imposed as a condition precedent to a ~~b~~Building ~~p~~Permit that is used to offset the proportionate impact of the ~~d~~Development ~~a~~Activity on the need for the planning, design, engineering, acquisition, financing and construction of City-owned parks, trails and open space

(K) **PROJECT IMPROVEMENT**. Site improvements and facilities that are planned and designed to provide service for the ~~d~~Development ~~a~~Activity and are necessary for the use and convenience of the users of the development resulting from the ~~d~~Development ~~a~~Activity.

(L) **PUBLIC FACILITY**. Any structure built by or for, or maintained by, a governmental entity.

(M) **PUBLIC SAFETY FACILITIES IMPACT FEE**. The I~~i~~mpact ~~f~~Fee imposed as

a condition precedent to a Building Permit that is used to offset the proportionate impact of the ~~d~~Development ~~a~~Activity on the need for the planning, design, acquisition, engineering, financing and construction of public safety facilities.

(N) **STREETS AND STORM WATER IMPACT FEE**. The I~~i~~mpact F~~f~~ee imposed as a condition precedent to a ~~b~~Building ~~p~~Permit that is used to offset the proportionate impact of the ~~d~~Development ~~a~~Activity on the need for the planning, design, engineering, acquisition, financing and construction of additional street and storm water management facilities.

(O) **SYSTEM IMPROVEMENT**. Public facilities identified in the 200~~3~~6 Capital Facilities Plan and Impact Fee Analysis, the 20140~~3~~ Water Impact Fee~~Capital~~ Facilities Plan and the 2014 Water Impact Fee Analysis that are not P~~p~~roject ~~i~~Improvements.

(P) **WATER ~~CONNECTION~~ IMPACT FEE**. The I~~i~~mpact F~~f~~ee, calculated as an expression of ~~new equivalent residential units~~ gallons per minute (~~ERUs~~gpm), to assess the impact of indoor D~~d~~evelopment A~~a~~ctivity, and increased area of irrigated landscape, to assess the impact of outdoor D~~d~~evelopment ~~a~~Activity, imposed as a condition precedent to a B~~b~~uilding ~~p~~Permit that is used to offset the proportionate impact of the ~~d~~Development ~~a~~Activity on the need for the planning, design, engineering, acquisition, financing and construction of water delivery systems. The Water Impact Fee is assessed within the Service Area which is the area within the Park City Water Service District Boundary.

~~(A) WATER IMPACT FEE. The impact fee, calculated as an expression of new equivalent residential units (ERUs), to assess the impact of indoor development activity, and increased area of irrigated landscape, to assess the impact of outdoor development activity, imposed as a condition precedent to a building permit that is used to offset the proportionate impact of the development activity on the need for the acquisition and transfer of water rights and points of diversion and the planning, design, engineering, acquisition, financing and construction of physical sources to realize those water rights.~~

(Amended by Ord. No. 95-35; 96-12; 01-37; 03-05; 04-27)

11-13- 2. ASSESSMENT AND CALCULATION OF IMPACT FEES.

(A) **ASSESSMENT OF IMPACT FEES**. The City shall collect the following Impact Fees from any applicant seeking a Building Permit:

(1) **Parks, Trails, Open Space, Public Safety Facilities, Streets and Storm Water Facilities Impact Fees:**

2005 PCMC IMPACT FEE ANALYSIS UPDATE

Proposed Impact Fee Schedule (Calendar Year 2005)

	Parks, Trails, Open Space	Police	Roadway Facilities	Total
New Construction				
Single Family				
Average Unit	$3,855.00	$605.00	$315.00	$4,775.00
Unit Less Than 3,000 sq. ft.	$1,925.00	$300.00	$155.00	$2,380.00
Unit More Than 5,000 sq. ft.	$5,780.00	$910.00	$470.00	$7,160.00
Duplex & Multi-Family				
Average Unit	$3,150.00	$495.00	$290.00	$3,935.00
Unit Less Than 2,000 sq. ft.	$1,575.00	$245.00	$145.00	$1,965.00
Unit More Than 4,000 sq. ft.	$4,725.00	$740.00	$435.00	$5,900.00
Hotel Room				
Average Unit	$2,005.00	$315.00	$170.00	$2,490.00
Unit Less Than 750 sq. ft.	$1,000.00	$155.00	$85.00	$1,240.00
Unit More Than 2,000 sq. ft.	$3,005.00	$470.00	$255.00	$3,730.00
Commercial	NA	$555.00	$410.00	$965.00
Light Industrial	NA	$445.00	$320.00	$765.00
Additions				
Single Family				
0-500 Square Feet	NA	NA	NA	$0.00
501-1500 Square Feet	$480.00	$75.00	$35.00	590.00
1501-3000 Square Feet	$960.00	$150.00	$75.00	1,185.00
3001-5000 Square Feet	$1,925.00	$300.00	$155.00	2,380.00
More than 5000 Square Feet	$3,855.00	$605.00	$315.00	4,775.00
Duplex & Multi Family				
0-500 Square Feet	NA	NA	NA	0.00
501-1000 Square Feet	$390.00	$60.00	$35.00	485.00
1001-2000 Square Feet	$785.00	$120.00	$70.00	975.00
2001-4000 Square Feet	$1,575.00	$245.00	$145.00	1,965.00
More than 4000 Square Feet	$3,150.00	$495.00	$290.00	3,935.00
Hotel Room				
0-200 Square Feet	NA	NA	NA	0.00
201-750 Square Feet	$500.00	$75.00	$40.00	615.00
751-2000 Square Feet	$1,000.00	$155.00	$85.00	1,240.00
More than 2000 Square Feet	$2,005.00	$315.00	$170.00	2,490.00
Commercial (per sq. ft.)	NA	$0.55	$0.41	$0.96
Light Industrial (per sq. ft.)	NA	$0.44	$0.32	$0.76

(2) **Water Impact Fee Schedule**:

Outdoor Impact Fee

Yard Area (Irrigated Sq Ft)	Peak Day Gallons	1 Gpm (Gal)	Gpm Demand	Proposed Fee
Calculated Per 1,000 Sq Ft	138.8	1,440	0.096	$ 1,598

Indoor Residential (Peak Day)

INDOOR - Winter Month Average Day (Observed Dec 16 to Jan 15)

Unit Size (Sq. Ft.)		Peak Day	1 Gpm (Gal)	Gpm Demand	Proposed Fee
-	1,000	298	1,440	0.2067	$ 3,428
1,001	2,000	400	1,440	0.2776	4,602
2,001	3,000	539	1,440	0.3740	6,200
3,001	4,000	687	1,440	0.4771	7,910
4,001	5,000	817	1,440	0.5671	9,403
5,001+		983	1,440	0.6829	11,322

Indoor Non-Residential (Peak Day)

Property Type	Gallons per Unit	GPM per Unit	Floor Area per Unit	Fee per Unit
Assembly				
Restaurant, Bar including decks	35	0.0243	7	402.97
Theater, Auditorium, Church	5	0.0035	7	57.57
Office	15	0.0104	100	172.70
Educational				
Classroom	25	0.0174	20	$ 287.84
Shop/Vocational	25	0.0174	50	287.84
Exercise Area	25	0.0174	50	287.84
Hotel/Motel	150	0.1042	580	1,727.02
Industrial	Calculated	Calculated		Calculated
Institutional				
Inpatient Treatment	250	0.1736	240	$ 2,878.36
Outpatient Treatment	5	0.0035		Calculated
Sleeping Area	5	0.0035		Calculated
Other	Calculated	Calculated		Calculated
Retail	10	0.0069	60	115.13
Swimming Pool or Skating Rink				
Rink or Pool Area	10	0.0069		$ 115.13
Decks	Calculated	Calculated		Calculated
Warehouse	Calculated	Calculated		Calculated
Parking Garage	Calculated	Calculated		Calculated
Government	Calculated	Calculated		Calculated
Library				
Reading Area	Calculated	Calculated		Calculated
Stack Area	Calculated	Calculated		Calculated

TABLE L.3: NON-STANDARD IMPACT FEE CALCULATION

Non-Standard Users Impact Fee Formula
Step 1: Identify Estimated GPM Demand of Proposed Development Step 2: Multiply Equivalent GPMs by Impact Fee per GPM of $16,579

(Amended by Ord. Nos. 96-12; 01-37; 03-05; 05-37; 07-35)

11-13- 3. OFFSETS.

(A) A fee payer can request that an offset or offsets be awarded to him/her for the value of a required ~~s~~System ~~i~~Improvement identified in the Capital Facilities Plan and Impact Fee Analysis, the Water Impact Fee~~Capital~~ Facilities Plan and the Water Impact Fee Analysis.

(B) For each request for an offset or offsets, unless otherwise agreed, the fee payer shall retain an appraiser approved by the Department to determine the value of the ~~s~~System ~~i~~Improvement provided by the fee payer.

(C) The fee payer shall pay the cost of the appraisal.

(D) After receiving the appraisal, the ~~Director~~ Official shall provide the applicant with a letter or certificate setting forth the dollar amount of the offset, the reason for the offset, where applicable, the legal description of the site donated, and the legal description or other adequate description of the project or development to which the offset may be applied. The applicant must sign and date a duplicate copy of such letter or certificate indicating his/her agreement to the terms of the letter or certificate, and return such signed document to the ~~Director~~ Official before the ~~i~~Impact F~~f~~ee offset will be awarded.

The failure of the applicant to sign, date, and return such document within sixty (60) days

shall nullify the offset.

(E) Any claim for offset must be made not later than the time of application for ~~b~~Building ~~p~~Permit. Any claim not so made shall be deemed waived.

(F) Determinations made by the ~~Director~~ Official pursuant to this section shall be subject to the appeals procedure set forth in Section 11-13-6 below.

11-13- 4. WAIVER.

The City Council may waive ~~i~~Impact ~~f~~Fees for:

(A) Construction of affordable housing, up to $5,000 per unit;

(B) Construction of a ~~p~~Public ~~f~~Facility.

11-13- 5. APPEALS.

(A) A fee payer may appeal the ~~i~~Impact ~~f~~Fees imposed or other determinations, which the ~~Director~~Official is authorized to make pursuant to this Chapter. However, no appeal shall be permitted unless and until the ~~i~~Impact ~~f~~Fees at issue have been paid.

(B) Appeals shall be taken within ten (10) days of the ~~Director~~Official's issuance of a written determination, by filing with the Department a notice of appeal specifying the grounds for the appeal, and depositing the necessary fee, which is set forth in the existing fee resolution for appeals of land use decisions.

(C) The Department shall fix a time for the hearing of the appeal and give notice to the parties in interest. At the hearing, any party may appear in person or by agent or attorney.

(D) The Hearing Officer is authorized to make findings of fact regarding the applicability of the ~~i~~Impact ~~f~~Fees to a given ~~d~~Development ~~a~~Activity, the availability or amount of the offset, or the accuracy or applicability of an ~~i~~Independent ~~f~~Fee ~~c~~Calculation. The decision of the Hearing Officer shall be final, and may be appealed to the Third Judicial District Court for Summit County.

(E) The Hearing Officer may, so long as such action is in conformance with the provisions of this Chapter, reverse or affirm, in whole or in part, or may modify the determinations of the ~~Director~~Official with respect to the amount of the Impact Fees imposed or the offset awarded upon a determination that it is proper to do so based on principles of fairness, and may make such order, requirements, decision or determination as ought to be made, and to that end shall have the powers which have been granted to the ~~Director~~Official by this Chapter.

(F) Where the Hearing Officer determines that there is a flaw in the ~~i~~Impact ~~f~~Fee program or that a specific exemption or offset should be awarded on a consistent basis or that the principles of fairness require amendments to this Chapter, the Hearing Officer shall advise the City Attorney as to any question or questions that the Hearing Officer believes should be reviewed and/or amended.

11-13- 6. ESTABLISHMENT OF IMPACT FEES ACCOUNTS.

(A) Impact Fees shall be earmarked specifically and deposited in special

interest-bearing accounts. The fees received shall be prudently invested in a manner consistent with the investment policies of the City.

(B) Funds withdrawn from these accounts must be used in accordance with the provisions of Section 11-13-8 below. Interest earned on the Ii~~i~~mpact f~~F~~ees shall be retained in each of the accounts and expended for the purposes for which the i~~I~~mpact f~~F~~ees were collected. Money in these accounts shall not be commingled with other funds.

(C) Impact Fees shall be disbursed, expended, or e~~E~~ncumbered within six (6) years of receipt, unless the Council identifies in written findings an extraordinary and compelling reason or reasons for the City to hold the fees beyond the 6 year period. Under such circumstances, the Council shall establish the period of time within which Ii~~i~~mpact f~~F~~ees shall be expended or e~~E~~ncumbered.

11-13- 7. REFUNDS.

(A) If the City fails to disburse, expend, or E~~e~~ncumber the Ii~~i~~mpact f~~F~~ees within six (6) years of when the fees were paid, or where extraordinary or compelling reasons exist, such other time periods as established pursuant to Section 11-13-7(C) below, the current O~~o~~wner of the property on which the i~~I~~mpact f~~F~~ees have been paid may request a refund of such fees. In determining whether i~~I~~mpact f~~F~~ees have been disbursed, expended, or e~~E~~ncumbered, such fees shall be considered disbursed, expended, or e~~E~~ncumbered on a first in, first out basis.

(B) Owners seeking a refund of impact fees must submit a written request for a refund of the fees to the ~~Director~~Official within 180 days of the date that the right to claim the refund arises.

(C) Any Ii~~i~~mpact f~~F~~ees for which no application for a refund has been made within this 180 day period shall be retained by the City and expended on the type of public facilities for which they were collected.

(D) Refunds of -Ii~~i~~mpact f~~F~~ees under this section shall include any interest earned on the i~~I~~mpact f~~F~~ees.

(E) When the City seeks to terminate any or all components of the Ii~~i~~mpact f~~F~~ee program, any funds not disbursed, expended, or e~~E~~ncumbered from any terminated component or components, including interest earned shall be refunded pursuant to this section. Upon the finding that any or all fee requirements are to be terminated, the City shall place notice of such termination, and the availability of refunds, in a newspaper of general circulation at least two (2) times. All funds available for refund shall be retained for a period of 180 days. At the end of the 180 day period, any remaining funds shall be retained by the City, but must be expended on the type of public facilities for which they were collected.

(F) The City shall refund to the current O~~o~~wner of property for which i~~I~~mpact f~~F~~ees have been paid all i~~I~~mpact f~~F~~ees paid, including interest earned on the i~~I~~mpact f~~F~~ees attributable to the particular d~~D~~evelopment a~~A~~ctivity, within one (1) year of the date that right to claim the refund arises, if the d~~D~~evelopment a~~A~~ctivity for which the Ii~~i~~mpact f~~F~~ees were imposed did not occur, no impact resulted, and the O~~o~~wner makes written

request for a refund within 180 days of the expiration or abandonment of the permit for the Dd~~d~~evelopment Da~~a~~ctivity.

(G) A property O~~o~~wner ~~is~~ may be eligible to receive a rebate of up to fifty percent (50%) of the paid exterior water ~~i~~Impact ~~f~~Fee~~, and if approved, construction and landscape plans include~~ for installation of a drip irrigation system and drought tolerant landscaping in the area of disturbance. For a rebate to be considered an application must be submitted to the Planning Department within ~~three~~two (~~3~~2) years of the payment of the exterior water I~~i~~mpact ~~f~~Fee and within six (6) months of the installation of drought tolerant landscaping. ~~A~~ The completed application ~~form,~~form and an irrigation plan must be submitted to the Planning Department for review and approval. Conversions of previously disturbed or existing landscaping do not apply, only newly disturbed area from Development Activity will be eligible for a rebate.

(Amended by Ord. 04-27)

11-13- 8. USE OF FUNDS.

(A) Pursuant to this Chapter, I~~i~~mpact ~~f~~Fees:

(1) Shall be used for public facilities that reasonably benefit the new development; and

(2) Shall not be imposed to make up for deficiencies in public facilities serving existing developments; and

(3) Shall not be used for maintenance or operation of public facilities.

(B) Impact fees may be used to recoup costs of designing, constructing and/or acquiring public facilities previously incurred in anticipation of new growth and development to the extent that the ~~d~~Development ~~a~~Activity will be served by the previously constructed improvements or the incurred costs.

(C) In the event that bonds or similar debt instruments are or have been issued for the advanced provision of public facilities for which Ii~~m~~pact f~~F~~ees may be expended, ~~i~~Impact f~~F~~ees may be used to pay debt service on such bonds, or similar debt instruments, to the extent that the facilities or improvements provided are consistent with the requirements of this section and are used to serve the ~~d~~Development ~~a~~Activity.

(Amended by Ord. 96-12)

11-13-9. INDEPENDENT FEE CALCULATIONS.

(A) If a fee payer believes that a fee should be charged, other than the Ii~~m~~pact F~~f~~ees determined according to this Chapter, then the fee payer shall prepare and submit to the ~~Director~~Official an ~~i~~Independent F~~f~~ee ~~c~~Calculation for the ~~i~~Impact f~~F~~ee(s) associated with the ~~d~~Development ~~a~~Activity for which a ~~b~~Building ~~p~~Permit is sought. The documentation submitted shall show the basis upon which the ~~i~~Independent F~~f~~ee ~~c~~Calculation was made. The ~~Director~~Official is not required to accept any documentation, which the Official~~Director~~ reasonably deems to be inaccurate, unsubstantiated, or unreliable and may require the fee payer to submit additional or different documentation prior to the Official~~Director~~'s consideration of an ~~i~~Independent f~~F~~ee ~~c~~Calculation.

(B) Any fee payer submitting an ~~i~~Independent f~~F~~ee ~~c~~Calculation shall pay an administrative processing fee, per calculation, of one hundred dollars ($100).

(C) Based on the information within the ~~Director~~Official's possession, the ~~Director~~Official may recommend, and the City Manager is authorized to adjust, the ~~i~~Impact f~~F~~ee to the specific characteristics of the ~~d~~Development ~~a~~Activity, and/or according to principles of fairness. Such adjustment shall be preceded by written findings justifying the fee.

(D) Determinations made by the ~~Director~~Official pursuant to this section may be appealed subject to the procedures set forth herein.