

RESOLUTION NO. 3003

A RESOLUTION ADOPTING A SEWER SYSTEM DEVELOPMENT CHARGE METHODOLOGY

Findings:

- A. Bend Code Chapter 12.10 and ORS 223.297-223.314 allow the establishment of System Development Charges (SDC). Bend Code Section 12.10.050(C) allows Council to amend SDC methodology by resolution.
- B. Cities may periodically index SDCs for inflation, provided the index used meets the standards set forth in ORS 223.304. The City of Bend indexes the Sewer SDCs in accordance with the 20 City Average Construction Cost Index published in the *Engineering News Record*.
- C. The City last amended the Sewer Systems Development Charge (SDC) methodology in 2008. In July, 2014, the City commissioned a study to provide new methodology and calculations for Sewer SDCs, based on current conditions.
- D. The methodology used to establish the sewer SDC in this resolution is contained in a report titled "Final Report for Sewer System Development Charge Study" prepared by FCS Group in June, 2015. The current sewer SDC is \$3,058 per equivalent dwelling unit (EDU). The total proposed sewer SDC is \$4,341 per EDU, which represents an increase of \$1,283 (42 percent).

Based on these findings, the City of Bend resolves as follows:

- Section 1. The City of Bend adopts the methodology established by the FCS Group report, dated June, 2015, and attached as Exhibit 1.
- Section 2. The sewer SDC in the City of Bend shall be \$4,341 per EDU. The Fee Resolution (Resolution 2996) is amended by amending line 2.11.02 to reflect the new Sewer SDC of \$3,699.50 per EDU effective September 1, 2015 and \$4,341 per EDU effective March 1, 2016. The Resolution is not otherwise amended.
- Section 3. This sewer SDC and methodology replaces the sewer SDC and methodology adopted in Resolution No. 2706.
- Section 4. The amount of the Sewer SDC shall be adjusted annually to reflect increased cost, with the adjustment based on the 20 City Average Construction Cost Index as published in the *Engineering News Record*.

Section 5. The Sewer SDC adopted by this resolution shall be implemented in two phases. Phase 1 shall increase the Sewer SDC to \$3,699.50 per EDU effective at 12:00 a.m. September 1, 2015, provided that the revised Sewer SDC will not be applied to projects that have completed and submitted plans to the Building Department for a building permit prior to that date. Phase 2 shall increase the Sewer SDC to \$4,341 per EDU effective at 12:00 a.m. March 1, 2016.

Adopted by a roll call vote of the Bend City Council on August 19, 2015.

Yes: Jim Clinton, Mayor
Sally Russell
Nathan Boddie
Barb Campbell

No: Victor Chudowsky
Casey Roats



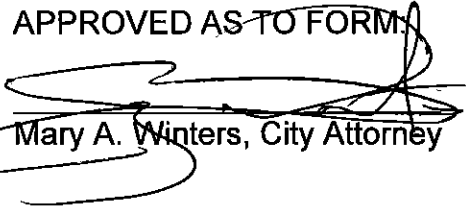
Jim Clinton, Mayor

ATTEST:

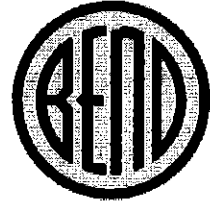


Robyn Christie, City Recorder

APPROVED AS TO FORM:



Mary A. Winters, City Attorney



CITY OF BEND

Final Report for
SEWER SYSTEM
DEVELOPMENT CHARGE
STUDY

June, 2015

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SECTION 1: INTRODUCTION

This section describes the legal context and scope of engagement upon which the body of this report is based. It concludes with an overview of the calculation approach employed in subsequent sections of this report.

LEGAL CONTEXT

Oregon Revised Statutes (“ORS”) 223.297 to 223.314 authorize local governments to establish system development charges (“SDCs”). These are one-time fees on new development, and they are paid at the time of development. SDCs are intended to recover a fair share of the cost of existing and planned facilities that provide capacity to serve future growth.

ORS 223.299 defines two types of SDC:

- A reimbursement fee that is designed to recover “costs associated with capital improvements already constructed, or under construction when the fee is established, for which the local government determines that capacity exists”
- An improvement fee that is designed to recover “costs associated with capital improvements to be constructed”

ORS 223.304(1) states, in part, that a reimbursement fee must be based on “the value of unused capacity available to future system users or the cost of existing facilities” and must account for prior contributions by existing users and any gifted or grant-funded facilities. The calculation must “promote the objective of future system users contributing no more than an equitable share to the cost of existing facilities.” A reimbursement fee may be spent on any capital improvement related to the system for which it is being charged (whether cash-financed or debt-financed).

ORS 223.304(2) states, in part, that an improvement fee must be calculated to include only the cost of projected capital improvements needed to increase system capacity for future users. In other words, the cost of planned projects that correct existing deficiencies or that do not otherwise increase capacity for future users may not be included in the improvement fee calculation. An improvement fee may be spent only on capital improvements (or portions thereof) that increase the capacity of the system for which it is being charged (whether cash-financed or debt-financed).

Chapter 12.10 of the Bend code (“BC”) authorizes the imposition of SDCs within the city of Bend based on the statutory authority described above. BC 12.10.040A requires that “any resolutions setting or amending the amount of any SDC shall state the amount of the charge and the methodology used to set the amount of the charge.”

ENGAGEMENT

The City of Bend (“City”) last updated its water and sewer SDC methodologies in 2008. On July 1, 2014, the City engaged FCS GROUP (“us”) to provide new methodologies and SDC calculations for water and sewer based on current assumptions and conditions. This report is the proposed

methodology for sewer, and it contains a proposed schedule of sewer SDCs. The City expects to update the methodology for water after the water master plan is updated in 2016.

COMPUTATIONAL OVERVIEW

In general, SDCs are calculated by adding a reimbursement fee component (if applicable) and an improvement fee component—both with potential adjustments. Each component is calculated by dividing the eligible cost by projected growth in units of demand. The unit of demand becomes the basis of the charge. Below are details on the components and relevant adjustments.

Reimbursement Fee

The reimbursement fee is the cost of available capacity per unit of growth that such available capacity will serve. In order for a reimbursement fee to be calculated, unused capacity must be available to serve future growth. For facility types that do not have excess capacity, no reimbursement fee may be charged.

Improvement Fee

The improvement fee is the cost of capacity-increasing capital projects per unit of growth that those projects will serve. The unit of growth becomes the basis of the fee. In reality, the capacity added by many projects serves a dual purpose of both meeting existing demand and serving future growth. To compute a compliant SDC rate, growth-related costs must be isolated, and costs related to current demand must be excluded.

We have used the “capacity approach” to allocate costs to the improvement fee basis.¹ Under this approach, the cost of a given project is allocated to growth by the portion of total project capacity that represents capacity for future users. That portion, sometimes known as the improvement fee eligibility percentage, is multiplied by the total project cost to determine that project’s improvement fee cost basis.

Adjustments

Two cost basis adjustments are potentially applicable to both reimbursement and improvement fees: fund balance and compliance costs. First, to the extent that SDC revenue is currently available in a fund balance, that revenue should be deducted from its corresponding cost basis. Second, ORS 223.307(5) authorizes the expenditure of SDCs on “the costs of complying with the provisions of ORS 223.297 to 223.314, including the costs of developing system development charge methodologies and providing an annual accounting of system development charge expenditures.” To avoid spending monies for compliance that might otherwise have been spent on growth-related projects, this report includes an estimate of compliance costs in its SDCs.

Additional adjustments are potentially applicable to the reimbursement fee. If existing assets were financed with debt, the outstanding principal should be deducted from the cost basis before applying a percentage for available capacity. This deduction recognizes that new users will contribute (via utility rates) the repayment of that debt. Similarly, if existing assets were financed with grants or gifts, the value of those grants or gifts should be deducted from the cost basis before applying a

¹ Two alternatives to the capacity approach are the incremental approach and the causation approach. The incremental approach is computationally complicated, because it requires the computation of hypothetical project costs to serve existing users. Only the incremental cost of the actual project is included in the improvement fee cost basis. The causation approach, which allocates 100 percent of all growth-related projects to growth, is vulnerable to legal challenge.

percentage for available capacity. This deduction recognizes that new users should not reimburse the City for expenses that were actually borne by another agency.

SECTION 2: ANALYSIS

This section provides detailed calculations of the recommended sewer SDCs. These calculations are based on inputs (like growth assumptions and cost estimates) that have been reviewed and refined in a rigorous public process. Participants in this process included engineering consultants Murray, Smith & Associates (“MSA”) and CH2M Hill, City staff, and the Sewer Infrastructure Advisory Group.

GROWTH

To be consistent with both the City’s current practice and industry standards, we measure demand for sewer facilities in equivalent dwelling units (EDUs). One EDU represents the burden on the sewer system of the average single-family residence. Based on the data provided in Exhibit 1, we calculate that burden to be an average dry weather flow of 200 gallons per day (total residential flow of 4.90 million gallons per day divided by 24,469 residential accounts):

Exhibit 1
Growth in Customers

| | 2014 | 2033-34 | 2033-34 |
|--------------|-----------|------------|-----------|
| 2014 EDUs | 24,469 | 45,426 | 20,957 |
| 2033-34 EDUs | 2,189 | 4,064 | 1,875 |
| 2033-34 EDUs | 26,658 | 49,490 | 22,831 |
| 2033-34 EDUs | | | |
| 2033-34 EDUs | | | |
| 2033-34 EDUs | 4,900,000 | | |
| 2033-34 EDUs | 1,300,000 | | |
| 2033-34 EDUs | 6,200,000 | 11,510,000 | 5,310,000 |
| 2033-34 EDUs | 200 | | |
| 2033-34 EDUs | 24,469 | 45,426 | 20,957 |
| 2033-34 EDUs | 6,492 | 12,052 | 5,560 |
| 2033-34 EDUs | 30,961 | 57,478 | 26,517 |
| 2033-34 EDUs | 2.97 | 2.97 | |
| 2033-34 EDUs | | | 1,810 |

Source: FCS GROUP (revenue requirement model); Collection System Master Plan, 2014, Tables 3-8 and 3-12; Shad Roundy, e-mail, 04/10/2015. Abbreviations: EDU = equivalent dwelling unit; gpd = gallons per day.

According to the Collection System Master Plan that was completed in 2014, average dry weather flow will grow by 5.31 million gallons per day by the end of the planning period in fiscal year 2033-34. This additional flow represents 26,517 new EDUs over the planning period. These 26,517 EDUs therefore become the denominator in our SDC calculations.

REIMBURSEMENT FEE

The total original cost of the City’s sewer-related assets (net of developer contributions) is \$161 million. City staff reviewed their own records and coordinated with the City’s engineering

consultants (MSA for collection assets and CH2M Hill for treatment assets) to determine which assets have available capacity and in which functions of the sewer utility. They determined that, on average, 15 percent of the capacity of those assets is available to serve future users of the sewer utility. This percentage represents that portion of costs that can be recovered in a reimbursement fee. The gross reimbursement fee cost basis is therefore \$24 million.

From this total we make two deductions. First, we deduct \$6 million of outstanding debt, because new users will contribute (via sewer rates) to the repayment of that debt. Second, we deduct \$6 million in grant funding that the City received for existing sewer-related assets, because the City cannot require reimbursement of costs borne by another agency. Finally, we add \$26 million of work in process, because ORS 223.299(3) allows a reimbursement fee to recover "costs associated with capital improvements already constructed, or under construction when the fee is established, for which the local government determines that capacity exists" (emphasis added). After these three adjustments, the net reimbursement fee cost basis is \$39 million. Dividing this cost basis by growth of 26,517 EDUs results in a reimbursement fee of \$1,466 per EDU.

Exhibit 2 shows the detailed calculations for the reimbursement fee:

Exhibit 2

| Reimbursement Fee | Amount (\$) | Available Capacity (%) | Reimbursement Fee (\$) |
|--|-----------------------|------------------------|------------------------|
| Asset Inventory: | | | |
| Collection - Sewer Lines | \$ 99,550,905 | 7.44% | \$ 7,410,072 |
| Collection - Pumping | 7,365,247 | 0.00% | - |
| Treatment - Headworks | 8,944,770 | 33.33% | 2,981,590 |
| Treatment - Screening | 223,055 | 0.00% | - |
| Treatment - Aeration | 904,084 | 0.00% | - |
| Treatment - Secondary | 6,131,859 | 0.00% | - |
| Treatment - Tertiary | 3,029,154 | 0.00% | - |
| Treatment - Sludge Handling/Reuse | 5,694,617 | 0.00% | - |
| Treatment - Biosolids Dewatering/Storage | 7,854,528 | 40.00% | 3,141,811 |
| Treatment - Sludge Treatment/Reuse | 16,722,631 | 49.58% | 8,291,052 |
| General | 4,505,383 | 49.58% | 2,233,761 |
| Total assets by function | \$ 160,926,233 | 14.95% | 24,058,287 |
| Less: Outstanding Debt | \$ (39,948,938) | 14.95% | (5,971,872) |
| Less: Grants Under Project | (37,687,592) | 14.95% | (5,634,252) |
| Plus: Work In Progress from 2005-2015 | 41,376,234 | 63.83% | 26,412,490 |
| Net Reimbursement Fee Cost Basis | | | \$ 38,864,653 |
| Growth in EDU | | | 26,517 |
| Reimbursement Fee per EDU | | | \$ 1,466 |

Source: City staff and CH2M Hill. Abbreviations: EDU = equivalent dwelling unit.

IMPROVEMENT FEE

The total cost of planned projects for the sewer utility (net of work in process) is \$125 million. Individual projects were allocated between existing and future users based upon the input of City staff and the City's consulting engineers. On average, 60 percent of each project will create capacity for new users of the sewer utility. This percentage represents that portion of costs that can be recovered in an improvement fee. The improvement fee cost basis is therefore \$75 million. Dividing this cost basis by growth of 26,517 EDUs results in an improvement fee of \$2,842 per EDU.

Exhibit 3 summarizes these calculations, while detailed project lists can be found in the appendix:

Exhibit 3

| Improvement Fee | | | | | |
|-----------------|----|--------------|--------|----|--------------|
| | \$ | 89,630,327 | 57.20% | \$ | 51,268,691 |
| | | 76,764,085 | 65.80% | | 50,510,740 |
| | | (41,376,234) | 63.83% | | (26,412,490) |
| | \$ | 125,018,177 | 60.28% | \$ | 75,366,941 |
| | | | | | 26,517 |
| | | | | \$ | 2,842 |

Source: Engineering consultants MSA (collection projects) and CH2M Hill (treatment projects and work in process).

Abbreviations: EDU = equivalent dwelling unit.

ADJUSTMENTS AND TOTAL SDC

Before calculating the total SDC, we must adjust the total charge upward for the costs of compliance (as authorized in ORS 223.307) and downward for existing fund balance. The City advised us that their costs of compliance are \$44,257 per year and that there is no existing sewer SDC fund balance. As Exhibit 4 shows, these adjustment result in a net increase of \$33 per EDU:

Exhibit 4

| SDC Adjustments | |
|-----------------|-----------|
| | \$ 21,500 |
| | 22,757 |
| | \$ 44,257 |
| | 20 |
| | \$885,144 |
| | \$885,144 |
| | 26,517 |
| | \$ 33 |

Source: City staff; Collection System Master Plan, 2014.

Abbreviations: EDU = equivalent dwelling unit; SDC = system development charge.

Combining the reimbursement fee, improvement fee, and adjustments results in a total proposed SDC of \$4,341 per EDU, as shown in Exhibit 5:

Exhibit 5

| SDC Summary | |
|-------------|----------|
| | \$ 1,466 |
| | 2,842 |
| | 33 |
| | \$ 4,341 |
| | \$ 2,986 |
| | 45.39% |
| | \$ 1,355 |
| | \$ 2,800 |
| | 55.05% |
| | \$ 1,541 |

Abbreviations: EDU = equivalent dwelling unit; SDC = system development charge.

The proposed SDC represents an increase of \$1,355 (or 45 percent) from the current sewer SDC of \$2,986 per EDU.¹

¹ The amount of the current sewer SDC is accurate as of the writing of this report. We understand that the city council may adopt a resolution increasing the current sewer SDC by 2.4 percent before the end of June, 2015.

SECTION 3: IMPLEMENTATION

This section addresses two issues related to implementing the SDCs developed in this report. The first issue is the application of charges to individual developments, and the second issue is the periodic indexing of charges.

APPLICATION OF CHARGES

To apply the SDCs recommended in this report to an individual development, the City must determine how many EDUs that development represents. The City has adopted a list of land uses with their corresponding number of EDUs in its annual fee resolution, and no changes are proposed to this list. We recommend that the City periodically review this list and, if appropriate, revise the number of EDUs assigned to individual land uses.

INDEXING

ORS 223.304 allows for the periodic indexing of system development charges for inflation, as long as the index used is:

- (A) A relevant measurement of the average change in prices or costs over an identified time period for materials, labor, real property or a combination of the three;
- (B) Published by a recognized organization or agency that produces the index or data source for reasons that are independent of the system development charge methodology; and
- (C) Incorporated as part of the established methodology or identified and adopted in a separate ordinance, resolution or order.

We recommend that the City continue its current practice of indexing its charges to the 20 City Average Construction Cost Index as published in the *Engineering News Record*.

APPENDIX: DETAILED PROJECT LISTS

This appendix provides detailed project lists to support the improvement fee calculations in Exhibit 3. MSA provided the list of collection projects, and CH2M Hill provided the list of treatment projects.

COLLECTION PROJECTS

| Project ID | Project Group | Model ID | Project Type | Average Phasing Year | \$ Estimate YR 2013 | Growth Share (1-max exist flow / max future flow) |
|------------|------------------------------------|----------|--------------|----------------------|---------------------|---|
| 1-1-002-GS | Y00-05 - 1 - Southeast Interceptor | P218 | GS | 0 | 856,495 | 64% |
| 1-1-004-GS | Y00-05 - 1 - Southeast Interceptor | P70 | GS | 0 | 629,359 | 64% |
| 1-1-006-GS | Y00-05 - 1 - Southeast Interceptor | P217 | GS | 0 | 736,568 | 64% |
| 1-1-008-GS | Y00-05 - 1 - Southeast Interceptor | P3 | GS | 0 | 416,976 | 66% |
| 1-1-010-GS | Y00-05 - 1 - Southeast Interceptor | P4 | GS | 0 | 248,054 | 66% |
| 1-1-012-GS | Y00-05 - 1 - Southeast Interceptor | P71 | GS | 0 | 241,329 | 65% |
| 1-1-014-GS | Y00-05 - 1 - Southeast Interceptor | P5 | GS | 0 | 275,825 | 65% |
| 1-1-016-GS | Y00-05 - 1 - Southeast Interceptor | P216 | GS | 0 | 77,088 | 65% |
| 1-1-018-GS | Y00-05 - 1 - Southeast Interceptor | P215 | GS | 0 | 57,816 | 67% |
| 1-1-020-GS | Y00-05 - 1 - Southeast Interceptor | P6 | GS | 0 | 35,724 | 67% |
| 1-1-022-GS | Y00-05 - 1 - Southeast Interceptor | P7 | GS | 0 | 563,178 | 67% |
| 1-1-024-GS | Y00-05 - 1 - Southeast Interceptor | P8 | GS | 0 | 213,909 | 67% |
| 1-1-026-GS | Y00-05 - 1 - Southeast Interceptor | P214 | GS | 0 | 180,941 | 67% |
| 1-1-028-GS | Y00-05 - 1 - Southeast Interceptor | P213 | GS | 0 | 91,190 | 67% |
| 1-1-030-GS | Y00-05 - 1 - Southeast Interceptor | P212 | GS | 0 | 8,446 | 67% |
| 1-1-032-GS | Y00-05 - 1 - Southeast Interceptor | P12 | GS | 0 | 32,023 | 67% |
| 1-1-034-GS | Y00-05 - 1 - Southeast Interceptor | P211 | GS | 0 | 43,988 | 67% |
| 1-1-036-GS | Y00-05 - 1 - Southeast Interceptor | P13 | GS | 0 | 35,542 | 67% |
| 1-1-038-GS | Y00-05 - 1 - Southeast Interceptor | P14 | GS | 0 | 47,155 | 66% |
| 1-1-040-GS | Y00-05 - 1 - Southeast Interceptor | P15 | GS | 0 | 200,711 | 66% |
| 1-1-042-GS | Y00-05 - 1 - Southeast Interceptor | P17 | GS | 0 | 206,610 | 67% |
| 1-1-044-GS | Y00-05 - 1 - Southeast Interceptor | P18 | GS | 0 | 87,193 | 68% |
| 1-1-046-GS | Y00-05 - 1 - Southeast Interceptor | P16 | GS | 0 | 391,421 | 68% |
| 1-1-048-GS | Y00-05 - 1 - Southeast Interceptor | P19 | GS | 0 | 294,413 | 68% |
| 1-1-050-GS | Y00-05 - 1 - Southeast Interceptor | P20 | GS | 0 | 199,342 | 68% |
| 1-1-052-GS | Y00-05 - 1 - Southeast Interceptor | P210 | GS | 0 | 257,763 | 68% |
| 1-1-054-GS | Y00-05 - 1 - Southeast Interceptor | P21 | GS | 0 | 232,713 | 68% |
| 1-1-056-GS | Y00-05 - 1 - Southeast Interceptor | P22 | GS | 0 | 56,885 | 68% |
| 1-1-058-GS | Y00-05 - 1 - Southeast Interceptor | P23 | GS | 0 | 109,820 | 68% |
| 1-1-060-GS | Y00-05 - 1 - Southeast Interceptor | P25 | GS | 0 | 67,048 | 68% |
| 1-1-062-GS | Y00-05 - 1 - Southeast Interceptor | P24 | GS | 0 | 262,018 | 68% |
| 1-1-064-GS | Y00-05 - 1 - Southeast Interceptor | P26 | GS | 0 | 103,105 | 68% |
| 1-1-068-GS | Y00-05 - 1 - Southeast Interceptor | P27 | GS | 0 | 95,888 | 68% |
| 1-1-070-GS | Y00-05 - 1 - Southeast Interceptor | P209 | GS | 0 | 135,068 | 68% |
| 1-1-072-GS | Y00-05 - 1 - Southeast Interceptor | P28 | GS | 0 | 105,167 | 68% |
| 1-1-074-GS | Y00-05 - 1 - Southeast Interceptor | P29 | GS | 0 | 290,756 | 68% |
| 1-1-076-GS | Y00-05 - 1 - Southeast Interceptor | P73 | GS | 0 | 510,370 | 68% |

| Project ID | Project Group | Model ID | Project Type | Average Phasing Year | \$ Estimate YR 2013 | Growth Share (1 - max exist flow / max future flow) |
|------------|------------------------------------|----------|--------------|----------------------|---------------------|---|
| 1-1-078-GS | Y00-05 - 1 - Southeast Interceptor | P30 | GS | 0 | 428,917 | 69% |
| 1-1-080-GS | Y00-05 - 1 - Southeast Interceptor | P31 | GS | 0 | 141,254 | 69% |
| 1-1-082-GS | Y00-05 - 1 - Southeast Interceptor | P32 | GS | 0 | 175,828 | 69% |
| 1-1-084-GS | Y00-05 - 1 - Southeast Interceptor | P33 | GS | 0 | 189,618 | 69% |
| 1-1-086-GS | Y00-05 - 1 - Southeast Interceptor | P34 | GS | 0 | 295,632 | 69% |
| 1-1-088-GS | Y00-05 - 1 - Southeast Interceptor | P74 | GS | 0 | 384,582 | 69% |
| 1-1-090-GS | Y00-05 - 1 - Southeast Interceptor | P35 | GS | 0 | 425,824 | 69% |
| 1-1-092-GS | Y00-05 - 1 - Southeast Interceptor | P208 | GS | 0 | 78,360 | 69% |
| 1-1-094-GS | Y00-05 - 1 - Southeast Interceptor | P207 | GS | 0 | 97,950 | 69% |
| 1-1-096-GS | Y00-05 - 1 - Southeast Interceptor | P36 | GS | 0 | 130,943 | 69% |
| 1-1-098-GS | Y00-05 - 1 - Southeast Interceptor | P206 | GS | 0 | 97,950 | 69% |
| 1-1-100-GS | Y00-05 - 1 - Southeast Interceptor | P37 | GS | 0 | 305,191 | 69% |
| 1-1-102-GS | Y00-05 - 1 - Southeast Interceptor | P38 | GS | 0 | 267,189 | 69% |
| 1-1-104-GS | Y00-05 - 1 - Southeast Interceptor | P39 | GS | 0 | 355,712 | 70% |
| 1-1-106-GS | Y00-05 - 1 - Southeast Interceptor | P75 | GS | 0 | 340,247 | 70% |
| 1-1-108-GS | Y00-05 - 1 - Southeast Interceptor | P205 | GS | 0 | 435,103 | 71% |
| 1-1-110-GS | Y00-05 - 1 - Southeast Interceptor | P76 | GS | 0 | 440,258 | 71% |
| 1-1-112-GS | Y00-05 - 1 - Southeast Interceptor | P77 | GS | 0 | 245,390 | 71% |
| 1-1-114-GS | Y00-05 - 1 - Southeast Interceptor | P78 | GS | 0 | 387,675 | 71% |
| 1-1-116-GS | Y00-05 - 1 - Southeast Interceptor | P79 | GS | 0 | 520,982 | 71% |
| 1-1-118-GS | Y00-05 - 1 - Southeast Interceptor | P42 | GS | 0 | 431,970 | 72% |
| 1-1-120-GS | Y00-05 - 1 - Southeast Interceptor | P204 | GS | 0 | 175,406 | 72% |
| 1-1-122-GS | Y00-05 - 1 - Southeast Interceptor | P43 | GS | 0 | 417,571 | 71% |
| 1-1-124-GS | Y00-05 - 1 - Southeast Interceptor | P44 | GS | 0 | 349,526 | 71% |
| 1-1-126-GS | Y00-05 - 1 - Southeast Interceptor | P80 | GS | 0 | 286,151 | 71% |
| 1-1-128-GS | Y00-05 - 1 - Southeast Interceptor | P45 | GS | 0 | 298,217 | 72% |
| 1-1-130-GS | Y00-05 - 1 - Southeast Interceptor | P203 | GS | 0 | 111,554 | 72% |
| 1-1-132-GS | Y00-05 - 1 - Southeast Interceptor | P202 | GS | 0 | 64,158 | 72% |
| 1-1-134-GS | Y00-05 - 1 - Southeast Interceptor | P81 | GS | 0 | 89,012 | 72% |
| 1-1-136-GS | Y00-05 - 1 - Southeast Interceptor | P151 | GS | 0 | 194,208 | 71% |
| 1-1-138-GS | Y00-05 - 1 - Southeast Interceptor | P82 | GS | 0 | 272,816 | 71% |
| 1-1-140-GS | Y00-05 - 1 - Southeast Interceptor | P150 | GS | 0 | 156,928 | 71% |
| 1-1-142-GS | Y00-05 - 1 - Southeast Interceptor | P201 | GS | 0 | 115,560 | 71% |
| 1-1-144-GS | Y00-05 - 1 - Southeast Interceptor | P83 | GS | 0 | 97,124 | 71% |
| 1-1-146-GS | Y00-05 - 1 - Southeast Interceptor | P84 | GS | 0 | 113,312 | 71% |
| 1-1-148-GS | Y00-05 - 1 - Southeast Interceptor | P85 | GS | 0 | 375,243 | 71% |
| 1-1-150-GS | Y00-05 - 1 - Southeast Interceptor | P200 | GS | 0 | 98,871 | 71% |
| 1-1-152-GS | Y00-05 - 1 - Southeast Interceptor | P199 | GS | 0 | 26,662 | 71% |
| 1-1-154-GS | Y00-05 - 1 - Southeast Interceptor | P46 | GS | 0 | 470,256 | 71% |

| Project ID | Project Group | Model ID | Project Type | Average Phasing Year | \$ Estimate YR 2013 | Growth Share (1 - max exist flow / max future flow) |
|------------|------------------------------------|-------------------------------------|--------------|----------------------|---------------------|---|
| 1-1-156-GS | Y00-05 - 1 - Southeast Interceptor | P198 | GS | 0 | 83,232 | 71% |
| 1-1-158-GS | Y00-05 - 1 - Southeast Interceptor | P197 | GS | 0 | 65,314 | 70% |
| 1-1-160-GS | Y00-05 - 1 - Southeast Interceptor | P196 | GS | 0 | 146,234 | 70% |
| 1-1-162-GS | Y00-05 - 1 - Southeast Interceptor | P86 | GS | 0 | 278,394 | 70% |
| 1-1-164-GS | Y00-05 - 1 - Southeast Interceptor | P87 | GS | 0 | 185,309 | 69% |
| 1-1-166-GS | Y00-05 - 1 - Southeast Interceptor | P88 | GS | 0 | 215,475 | 69% |
| 1-1-168-GS | Y00-05 - 1 - Southeast Interceptor | P89 | GS | 0 | 286,110 | 69% |
| 2-1-031-GS | Y00-05 - 2 - SEI Associated | FUT_Div_GS_CLSWW0056-td-SE_MH508 | GS | 0 | 31,923 | 90% |
| 2-1-040-GS | Y00-05 - 2 - SEI Associated | FUT_Div_GS_CLSWW0056-td-SE_MH504 | GS | 0 | 12,258 | 45% |
| 2-1-070-GS | Y00-05 - 2 - SEI Associated | FUT_Div_GS_CMH007048-td-314 | GS | 0 | 37,750 | 0% |
| 3-1-010-GS | Y00-05 - 3 - Colorado | FUT_Div_GS_Colorado | GS | 0 | 29,714 | 50% |
| 3-1-020-GS | Y00-05 - 3 - Colorado | FUT_Div_GS_CMH008574-td-CMIND000016 | GS | 0 | 544,320 | 49% |
| 3-1-030-GS | Y00-05 - 3 - Colorado | FUT_Par_GS_Div_Colorado_2 | GS | 0 | 755,940 | 49% |
| 7-1-010-GS | Y00-05 - 7 - West of Hwy 97 | FUT_Par_CMH001646-td-CMH001643 | GS | 0 | 174,109 | 31% |
| 7-1-020-GS | Y00-05 - 7 - West of Hwy 97 | FUT_Par_CMH001643-td-CMH001653 | GS | 0 | 503,250 | 34% |
| 7-1-030-GS | Y00-05 - 7 - West of Hwy 97 | FUT_Par_CMH001631-td-CMH001637 | GS | 0 | 310,880 | 26% |
| 7-1-040-GS | Y00-05 - 7 - West of Hwy 97 | FUT_Par_CMH001637-td-CMH001632 | GS | 0 | 687,192 | 33% |
| 7-1-050-GS | Y00-05 - 7 - West of Hwy 97 | FUT_Par_CMH001629-td-CMH003638 | GS | 0 | 533,062 | 45% |
| 8-1-020-GS | Y00-05 - 8 - Miscellaneous | FUT_Par_CMH003480-td-CMH008510 | GS | 0 | 580,243 | 16% |
| 1-2-002-GS | Y05-10 - 1 - Southeast Interceptor | P195 | GS | 5 | 161,262 | 69% |
| 1-2-004-GS | Y05-10 - 1 - Southeast Interceptor | P47 | GS | 5 | 27,878 | 69% |
| 1-2-006-GS | Y05-10 - 1 - Southeast Interceptor | P48 | GS | 5 | 106,567 | 68% |
| 1-2-008-GS | Y05-10 - 1 - Southeast Interceptor | P49 | GS | 5 | 174,556 | 68% |
| 1-2-010-GS | Y05-10 - 1 - Southeast Interceptor | P90 | GS | 5 | 173,978 | 68% |
| 1-2-012-GS | Y05-10 - 1 - Southeast Interceptor | P91 | GS | 5 | 236,980 | 68% |
| 1-2-014-GS | Y05-10 - 1 - Southeast Interceptor | P92 | GS | 5 | 290,156 | 68% |
| 1-2-016-GS | Y05-10 - 1 - Southeast Interceptor | P50 | GS | 5 | 242,182 | 68% |
| 1-2-018-GS | Y05-10 - 1 - Southeast Interceptor | P93 | GS | 5 | 279,174 | 68% |
| 1-2-020-GS | Y05-10 - 1 - Southeast Interceptor | P94 | GS | 5 | 232,356 | 66% |
| 1-2-022-GS | Y05-10 - 1 - Southeast Interceptor | P194 | GS | 5 | 128,150 | 66% |
| 1-2-024-GS | Y05-10 - 1 - Southeast Interceptor | P193 | GS | 5 | 107,466 | 66% |
| 1-2-026-GS | Y05-10 - 1 - Southeast Interceptor | P51 | GS | 5 | 115,560 | 66% |
| 1-2-028-GS | Y05-10 - 1 - Southeast Interceptor | P52 | GS | 5 | 274,550 | 66% |
| 1-2-030-GS | Y05-10 - 1 - Southeast Interceptor | P95 | GS | 5 | 148,546 | 66% |
| 1-2-032-GS | Y05-10 - 1 - Southeast Interceptor | P53 | GS | 5 | 213,584 | 65% |
| 1-2-034-GS | Y05-10 - 1 - Southeast Interceptor | P54 | GS | 5 | 189,752 | 65% |
| 1-2-036-GS | Y05-10 - 1 - Southeast Interceptor | P149 | GS | 5 | 185,705 | 65% |
| 1-2-038-GS | Y05-10 - 1 - Southeast Interceptor | P96 | GS | 5 | 157,794 | 65% |
| 1-2-040-GS | Y05-10 - 1 - Southeast Interceptor | P192 | GS | 5 | 145,656 | 65% |

| Project ID | Project Group | Model ID | Project Type | Average Phasing Year | \$ Estimate YR 2013 | Growth Share (1 - max exist flow / max future flow) |
|------------|----------------------------------|-------------------------------------|--------------|----------------------|---------------------|---|
| 1-2-042-GS | Y05-10-1 - Southeast Interceptor | P57 | GS | 5 | 293,908 | 64% |
| 1-2-044-GS | Y05-10-1 - Southeast Interceptor | P97 | GS | 5 | 514,494 | 64% |
| 1-2-046-GS | Y05-10-1 - Southeast Interceptor | P148 | GS | 5 | 511,401 | 64% |
| 1-2-048-GS | Y05-10-1 - Southeast Interceptor | P98 | GS | 5 | 131,009 | 64% |
| 1-2-050-GS | Y05-10-1 - Southeast Interceptor | P88 | GS | 5 | 329,246 | 64% |
| 1-2-052-GS | Y05-10-1 - Southeast Interceptor | P89 | GS | 5 | 137,564 | 64% |
| 1-2-054-GS | Y05-10-1 - Southeast Interceptor | P191 | GS | 5 | 256,054 | 64% |
| 1-2-056-GS | Y05-10-1 - Southeast Interceptor | P61 | GS | 5 | 142,766 | 64% |
| 1-2-058-GS | Y05-10-1 - Southeast Interceptor | P190 | GS | 5 | 146,234 | 64% |
| 1-2-060-GS | Y05-10-1 - Southeast Interceptor | P100 | GS | 5 | 145,078 | 64% |
| 1-2-062-GS | Y05-10-1 - Southeast Interceptor | P62 | GS | 5 | 224,842 | 64% |
| 1-2-064-GS | Y05-10-1 - Southeast Interceptor | P63 | GS | 5 | 418,022 | 65% |
| 1-2-066-GS | Y05-10-1 - Southeast Interceptor | P101 | GS | 5 | 334,417 | 67% |
| 1-2-068-GS | Y05-10-1 - Southeast Interceptor | P102 | GS | 5 | 32,368 | 76% |
| 1-2-070-GS | Y05-10-1 - Southeast Interceptor | P64 | GS | 5 | 536,538 | 79% |
| 1-2-072-GS | Y05-10-1 - Southeast Interceptor | P64B | GS | 5 | 541,162 | 79% |
| 1-2-200-GS | Y05-10-1 - Southeast Interceptor | P183B | GS | 5 | 168,937 | 50% |
| 1-2-202-GS | Y05-10-1 - Southeast Interceptor | P183 | GS | 5 | 80,481 | 50% |
| 1-2-204-GS | Y05-10-1 - Southeast Interceptor | P184 | GS | 5 | 107,307 | 50% |
| 1-2-206-GS | Y05-10-1 - Southeast Interceptor | P185 | GS | 5 | 166,036 | 50% |
| 1-2-208-GS | Y05-10-1 - Southeast Interceptor | P186 | GS | 5 | 261,743 | 50% |
| 1-2-210-GS | Y05-10-1 - Southeast Interceptor | P187 | GS | 5 | 184,888 | 50% |
| 1-2-212-GS | Y05-10-1 - Southeast Interceptor | P188 | GS | 5 | 157,366 | 50% |
| 1-2-214-GS | Y05-10-1 - Southeast Interceptor | P146 | GS | 5 | 197,939 | 50% |
| 1-2-216-GS | Y05-10-1 - Southeast Interceptor | P180 | GS | 5 | 50,028 | 50% |
| 1-2-218-GS | Y05-10-1 - Southeast Interceptor | P189 | GS | 5 | 165,311 | 50% |
| 1-2-220-GS | Y05-10-1 - Southeast Interceptor | P145 | GS | 5 | 210,990 | 50% |
| 1-2-222-GS | Y05-10-1 - Southeast Interceptor | P144 | GS | 5 | 80,877 | 50% |
| 1-2-224-GS | Y05-10-1 - Southeast Interceptor | P181 | GS | 5 | 206,639 | 50% |
| 2-2-005-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CLSWMW0062-tp-SE_MH22 | GS | 5 | 63,911 | 52% |
| 2-2-010-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CLSWMW0053-tp-BR_MH-NB7 | GS | 5 | 882,312 | 94% |
| 2-2-040-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CLSWMW0055-tp-CLSWW00057 | GS | 5 | 1,121,548 | 15% |
| 2-2-050-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CLSWMW0057-tp-SE_MH442 | GS | 5 | 859,190 | 85% |
| 2-2-070-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CLSWMW0047-tp-SE_MH314 | GS | 5 | 763,366 | 88% |
| 2-2-080-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CLSWMW0043-tp-223 | GS | 5 | 286,903 | 56% |
| 2-2-20-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CMH003545-tp-SE_MH206 | GS | 5 | 50,347 | 17% |
| 2-2-22-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CMH007940-tp-SE_MH205 | GS | 5 | 41,492 | 27% |
| 2-2-24-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CMH003013-tp-SE_MH115 | GS | 5 | - | 51% |
| 2-2-26-GS | Y05-10-2 - SEI Associated | FUT_Div_GS_CMH004937-tp-SE_MH111 | GS | 5 | - | 60% |

| Project ID | Project Group | Model ID | Project Type | Average Phasing Year | \$ Estimate YR 2013 | Growth Share (1-max exist flow / max future flow) |
|------------|------------------------------------|---|--------------|----------------------|---------------------|---|
| 2-3-010-GS | Y10-20 - 2 - SEI Associated | FUT_Div_GS_CLSWV0054-to-CMH009572 | GS | 10 | 1,760,520 | 85% |
| 2-3-020-GS | Y10-20 - 2 - SEI Associated | FUT_Div_GS_CLSWV0061-to-SE_MH12 | GS | 10 | 240,540 | 76% |
| 2-3-070-GS | Y10-20 - 2 - SEI Associated | FUT_Div_GS_CLS000048-to-SE_MH313 | GS | 10 | 226,626 | 49% |
| 4-3-010-GS | Y10-20 - 4 - North Area FM | FUT_Div_GS_CMH009036-to-Riv2 | GS | 10 | 153,628 | 45% |
| 4-3-020-GS | Y10-20 - 4 - North Area FM | FUT_Div_GS_Riv2-to-CMH000325 | GS | 10 | 1,358,215 | 45% |
| 5-3-020-GS | Y10-20 - 5 - Northeast Interceptor | FUT_Div_GS_WS_2-to-WS_3 | GS | 10 | 2,470,284 | 66% |
| 5-3-040-GS | Y10-20 - 5 - Northeast Interceptor | FUT_Div_GS_WS_3-to-NE-60 | GS | 10 | 1,843,821 | 66% |
| 5-3-060-GS | Y10-20 - 5 - Northeast Interceptor | NE-70 | GS | 10 | 3,398,457 | 68% |
| 5-3-080-GS | Y10-20 - 5 - Northeast Interceptor | FUT_Div_GS_CLSWV0012-to-NE-70 | GS | 10 | 1,432,500 | 74% |
| 5-3-100-GS | Y10-20 - 5 - Northeast Interceptor | FUT_Div_GS_NE-70-to-NE-90 | GS | 10 | 1,579,615 | 72% |
| 5-3-120-GS | Y10-20 - 5 - Northeast Interceptor | FUT_Div_GS_NE-90-to-CMH000185 | GS | 10 | 2,462,400 | 72% |
| 5-3-140-GS | Y10-20 - 5 - Northeast Interceptor | FUT_Par_CMH000185-to-CMH000177 | GS | 10 | 2,660,078 | 72% |
| 5-3-160-GS | Y10-20 - 5 - Northeast Interceptor | FUT_Par_CMH000178-to-J-1 | GS | 10 | 670,640 | 72% |
| 6-3-010-GS | Y10-20 - 6 - NEI Associated | FUT_Div_GS_CLSWV0030-to-WS_INTERCEPTOR4 | GS | 10 | 291,830 | 58% |
| 6-3-020-GS | Y10-20 - 6 - NEI Associated | FUT_Div_GS Interceptor4-to-WS_2 | GS | 10 | 1,105,385 | 58% |
| 6-3-030-GS | Y10-20 - 6 - NEI Associated | FUT_Div_GS_CLSWV0035-to-WS_1 | GS | 10 | 736,440 | 0% |
| 6-3-038-GS | Y10-20 - 6 - NEI Associated | FUT_Div_GS_CLSWV0033-to-WS_1 | GS | 10 | - | 49% |
| 6-3-040-GS | Y10-20 - 6 - NEI Associated | FUT_Div_WS_1-to-WS_INTERCEPTOR4 | GS | 10 | 638,388 | 56% |
| 6-3-050-GS | Y10-20 - 6 - NEI Associated | FUT_Div_GS_CLSWV0031-to-NE-65 | GS | 10 | 39,721 | 66% |
| 6-3-060-GS | Y10-20 - 6 - NEI Associated | FUT_Div_GS_NE-65-to-WS_3 | GS | 10 | 482,838 | 66% |
| 6-3-070-GS | Y10-20 - 6 - NEI Associated | FUT_Div_GS_CLSWV0032-to-NE-60 | GS | 10 | 18,734 | 71% |
| 6-3-080-GS | Y10-20 - 6 - NEI Associated | FUT_Div_GS_CLSWV0034-to-CLSWV00012 | GS | 10 | 598,884 | 15% |
| 8-3-020-GS | Y10-20 - 8 - Miscellaneous | FUT_Par_CMH001394-to-CMH001416 | GS | 10 | 554,070 | 46% |
| 8-3-040-GS | Y10-20 - 8 - Miscellaneous | FUT_Par_CMH009119-to-CMH009103 | GS | 10 | 94,622 | 80% |
| 8-3-042-GS | Y10-20 - 8 - Miscellaneous | FUT_Par_CMH009095-to-CMH008162 | GS | 10 | 176,088 | 69% |
| 8-3-060-GS | Y10-20 - 8 - Miscellaneous | FUT_Par_CMH0002155-to-CMH0002165 | GS | 10 | 46,046 | 54% |
| 2-1-020-GS | Tri Peaks North Diversion | FUT_Div_GS_CLSWV0053-to-J-16 | GS | 0 | - | NA |
| 2-1-030-GS | Y00-05 - 2 - SEI Associated | Additional_CIP_SEI Local Area-6 | GS | 0 | 102,150 | 100% |
| 2-1-032-GS | Y00-05 - 2 - SEI Associated | Additional_CIP_SEI Local Area-7 | GS | 0 | 121,218 | 100% |
| 2-1-034-GS | Y00-05 - 2 - SEI Associated | Additional_CIP_SEI Local Area-4 | GS | 0 | 13,620 | 27% |
| 2-1-060-GS | Y00-05 - 2 - SEI Associated | FUT_Div_GS_220-to-CMH002295 | GS | 0 | 132,288 | 0% |
| 2-1-071-GS | Y00-05 - 2 - SEI Associated | FUT_Div_GS_CMH007048-to-314 | GS | 0 | 1,111,304 | 72% |
| 4-1-010-GS | Y00-05 - 4 - North Area FM | FUT_Rep_CMH0003157-to-CMH0003150 | GS | 0 | 1,036,072 | 30% |
| 2-2-020-GS | Y05-10 - 2 - SEI Associated | Additional_CIP-Kings Forest-1 | GS | 5 | 412,184 | 15% |
| 2-2-060-GS | Y05-10 - 2 - SEI Associated | Additional_CIP_SEI Local Area-29 | GS | 5 | 1,080,747 | 15% |
| 2-3-030-GS | Y10-20 - 2 - SEI Associated | Additional_CIP_SEI Local Area-28 | GS | 10 | 1,712,810 | 10% |
| 2-3-050-GS | Y10-20 - 2 - SEI Associated | Additional_CIP_SEI Local Area-6 | GS | 10 | 70,370 | 15% |
| 2-3-052-GS | Y10-20 - 2 - SEI Associated | Additional_CIP_SEI Local Area-5 | GS | 10 | 22,700 | 0% |
| 2-3-054-GS | Y10-20 - 2 - SEI Associated | Additional_CIP_SEI Local Area-2 | GS | 10 | 322,340 | 15% |

| Project ID | Project Group | Model ID | Project Type | Average Phasing Year | \$ Estimate YR 2013 | Growth Share (1 - max exist flow / max future flow) |
|------------|---|---|--------------|----------------------|---------------------|---|
| 2-3-056-GS | Y10-20 - 2 - SEI Associated | Additional_CIP_SEI Local Area-3 | GS | 10 | 145,280 | 15% |
| 2-3-060-GS | Y10-20 - 2 - SEI Associated | Additional_CIP_SEI Local Area-30 | GS | 10 | 364,120 | 80% |
| 2-3-080-GS | Y10-20 - 2 - SEI Associated | Additional_CIP_SEI Local Area-9 | GS | 10 | 513,590 | 33% |
| 3-1-010-FM | Y00-05 - 3 - Colorado | FUT_FM_Div_Colorado_Stage_1 | FM | 0 | 788,872 | 46% |
| 3-1-020-FM | Y00-05 - 3 - Colorado | FUT_FM_Div_Colorado_Stage_2 | FM | 0 | 759,089 | 46% |
| 3-1-030-FM | Y00-05 - 3 - Colorado | FUT_FM_Div_Colorado_Stage_1b | FM | 0 | 1,345,952 | 46% |
| 3-1-040-FM | Y00-05 - 3 - Colorado | FUT_FM_Div_Colorado_Stage_2b | FM | 0 | 1,367,441 | 46% |
| 4-1-010-FM | Y00-05 - 4 - North Area FM | FUT_Div_FM_CLS000080-to-CMNN00104 | FM | 0 | 839,510 | 27% |
| 4-1-020-FM | Y00-05 - 4 - North Area FM | FUT_Div_FM_CMNN00104-to-FUT_Div_FM_Riv1 | FM | 0 | 401,585 | 47% |
| 4-1-030-FM | Y00-05 - 4 - North Area FM | FUT_Div_FM_Riv1-to-Riv2 | FM | 0 | 224,765 | 44% |
| 4-1-040-FM | Y00-05 - 4 - North Area FM | FUT_Div_FM_CLS000078-to-CMH007896 | FM | 0 | 14,887 | 4% |
| 8-2-000-FM | Y05-10 - 8 - Miscellaneous | FUT_Par_FM_CLS000070-to-CMH001647 | FM | 5 | 717,810 | 40% |
| 9-1-002-GS | Y00-05 - 9 - Plant Interceptor | CGM008526 | PI Rehab | 0 | 192,778 | 47% |
| 9-1-004-GS | Y00-05 - 9 - Plant Interceptor | CGM008525 | PI Rehab | 0 | 349,088 | 47% |
| 9-2-008-GS | Y05-10 - 9 - Plant Interceptor | CGM008476 | PI Rehab | 5 | 314,322 | 47% |
| 9-2-008-GS | Y05-10 - 9 - Plant Interceptor | CGM008477 | PI Rehab | 5 | 173,483 | 47% |
| 3-1-010-LS | Y00-05 - 3 - Colorado | PS_Div_Colorado | New Pump | 0 | 4,207,476 | 46% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Boyd Acres | LS Upgrade | 0 | 345,000 | 32% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Canal View | LS Upgrade | 0 | 150,000 | 29% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | River Canyon #2 | LS Upgrade | 0 | 345,000 | 63% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | River Rim | LS Upgrade | 0 | 1,557,270 | 40% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Aspen Ridge | LS Upgrade | 5 | 1,041,535 | 53% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Old Mill | LS Upgrade | 5 | 345,000 | 38% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Quail Crossing | LS Upgrade | 5 | 558,842 | 77% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Sawyer Park | LS Upgrade | 5 | 345,000 | 42% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Pheasant Run | LS Upgrade | 10 | 552,585 | 16% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Shevlin Commons | LS Upgrade | 10 | 725,590 | 75% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Shevlin Meadows | LS Upgrade | 10 | 345,000 | 40% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Riverhouse | LS Downsize | 0 | 345,000 | 10% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Crown Villa #1 | Decommission | 0 | 28,000 | 100% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Crown Villa #2 | Decommission | 0 | 28,000 | 100% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Murphy | Decommission | 0 | 28,000 | 59% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Quail Ridge #2 | Decommission | 0 | 28,000 | 0% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Ridgewater #1 | Decommission | 0 | 28,000 | 45% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Shadow Glen | Decommission | 0 | 28,000 | 90% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Shevlin | Decommission | 0 | 28,000 | 47% |
| 10-1-LS | Y00-05 - 10 - LS Upgrade / Decommission | Sun Meadow | Decommission | 0 | 28,000 | 9% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Anderson Ranch | Decommission | 5 | 28,000 | 94% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Camden Park | Decommission | 5 | 28,000 | 15% |

| Project ID | Project Group | Model ID | Project Type | Average Phasing Year | \$ Estimate YR 2013 | Growth Share (1 - max exist flow / max future flow) |
|------------------------------------|---|-----------------|--------------|----------------------|---------------------|---|
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Nottingham #1 | Decommission | 5 | 28,000 | 15% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Nottingham #2 | Decommission | 5 | 28,000 | 15% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Desert Skies | Decommission | 5 | 28,000 | 88% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Forum | Decommission | 5 | 28,000 | 56% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | Ridgewater #2 | Decommission | 5 | 28,000 | 85% |
| 10-2-LS | Y05-10 - 10 - LS Upgrade / Decommission | South Village | Decommission | 5 | 28,000 | 52% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Blue Ridge | Decommission | 10 | 28,000 | 10% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Boyd Acres | Decommission | 10 | 28,000 | 49% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Darnell Estates | Decommission | 10 | 28,000 | 49% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Highland | Decommission | 10 | 28,000 | 58% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Holiday Inn | Decommission | 10 | 28,000 | 66% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Juniper Ridge | Decommission | 10 | 28,000 | 74% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | North Pointe | Decommission | 10 | 28,000 | 66% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Northwind | Decommission | 10 | 28,000 | 72% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Phoenix | Decommission | 10 | 28,000 | 15% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Quail Ridge #1 | Decommission | 10 | 28,000 | 0% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Simplicity | Decommission | 10 | 28,000 | 80% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Stone Haven | Decommission | 10 | 28,000 | 76% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | Summit Park | Decommission | 10 | 28,000 | 33% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | The Pines #5 | Decommission | 10 | 28,000 | 15% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | The Pines #6 | Decommission | 10 | 28,000 | 15% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | The Pines #7 | Decommission | 10 | 28,000 | 15% |
| 10-3-LS | Y10-20 - 10 - LS Upgrade / Decommission | The Shire | Decommission | 10 | 28,000 | 33% |
| TOTAL COLLECTION SYSTEM CIP | | | | | \$89,630,327 | |

TREATMENT PROJECTS

| No | Description | Growth Share | |
|----|--|--------------|--------------|
| | General Conditions | 49.6% | \$2,053,133 |
| | Submittals | 49.6% | \$36,488 |
| | Procurement | 49.6% | \$13,446,818 |
| | Sitework | 49.6% | \$515,261 |
| | Electrical | 49.6% | \$334,892 |
| | Start-up and Testing | 49.6% | \$259,823 |
| | Yard Piping | 49.6% | \$912,491 |
| | Blower Building B | 100.0% | \$1,466,383 |
| | Aeration Basins | 100.0% | \$8,834,482 |
| | Primary Influent Splitter | 49.6% | \$1,131,714 |
| | Primary Clarifier #3 | 100.0% | \$811,038 |
| | Primary Clarifiers 1 & 2 | 49.6% | \$160,352 |
| | Plant Effluent Facility | 49.6% | \$3,871,076 |
| | Primary Sludge Pump Station A | 0.0% | \$592,445 |
| | Primary Sludge Pump Station B | 100.0% | \$1,168,809 |
| | Blower Building A | 49.6% | \$22,969 |
| | Hypochlorite Building | 49.6% | \$908,484 |
| | Effluent Box | 49.6% | \$133,161 |
| | Reuse Filter Pump Station | 49.6% | \$39,455 |
| | West Well Pump Station - Potable Water | 49.6% | \$53,962 |
| | Generator B | 49.6% | \$270,683 |
| | Unit Prices (compaction grouting, IFAS equipment, allowances for hidden utilities; PC1 and PC2 rehabilitation; control system hardware/software; IFAS foam suppression system) | 49.6% | \$3,653,541 |
| | Water Reclamation Facility SCADA Network Upgrades | 49.6% | \$354,375 |
| | Water Reclamation Facility Control Room | 49.6% | \$261,975 |
| | Water Reclamation Facility DAFT Network Room | 49.6% | \$82,425 |

| No | Description | Growth Share | |
|----|---|--------------|----------------------|
| | Secondary Clarifier Splitter | 100.0% | \$442,496 |
| | Secondary Clarifier | 100.0% | \$3,731,316 |
| | Secondary Clarifier Piping Mods | 100.0% | \$2,344,032 |
| | Upgraded RAS Pumps | 100.0% | \$2,941,999 |
| | Upgraded WAS Pumps | 100.0% | \$1,961,333 |
| | Repairs to Ponds 1 and 2 | 100.0% | \$1,566,674 |
| | A. Solids Handling | 49.6% | \$5,000,000 |
| | B. Facilities Plan Update | 49.6% | \$500,000 |
| | C. Support Facilities Upgrades (Lab, Admin, Maint.) | 49.6% | \$10,900,000 |
| | D. Miscellaneous (Site Piping / Improvements) | 49.6% | \$6,000,000 |
| | TOTAL Water Reclamation Facility CIP | | \$ 76,764,085 |

