FILED
November 18, 2022
INDIANA UTILITY
REGULATORY COMMISSION

Petitioner's Exhibit No. 1

INDIANA-AMERICAN WATER COMPANY, INC.

CAUSE NUMBER 45609 SEI-1

DIRECT TESTIMONY

OF

GREGORY D. SHIMANSKY

 \mathbf{ON}

SERVICE ENHANCEMENT IMPROVEMENTS

SPONSORING ATTACHMENT GDS-1 THROUGH GDS-3

PETITIONER'S

EXHIBIT NO 3

DATE

REPORTER

OFFICIAL EXHIBITS

DIRECT TESTIMONY OF GREGORY D. SHIMANSKY

Background

Please state your name and business address.

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Q.

2	A.	My name is Gregory D. Shimansky, and my business address is 153 N. Emerson
3		Avenue, Greenwood, IN 46143.
4	Q.	By whom are you employed and in what capacity?
5	A.	I am employed by American Water Works Service Company, Inc. ("Service
6		Company") as Director, Rates & Regulatory. The Service Company is a subsidiary
7		of American Water Works Company, Inc. ("American Water") that provides
8		support services to American Water's subsidiaries, including Indiana-American
9		Water Company, Inc. ("Indiana American" or the "Company").
10	Q.	Please summarize your educational background and work experience.
10 11	Q. A.	Please summarize your educational background and work experience. I earned a Bachelor of Arts degree in Economics from the University of California,
11		I earned a Bachelor of Arts degree in Economics from the University of California,
11 12		I earned a Bachelor of Arts degree in Economics from the University of California, Los Angeles in June 1993. I also earned a Master of Science in Management, with
11 12 13		I earned a Bachelor of Arts degree in Economics from the University of California, Los Angeles in June 1993. I also earned a Master of Science in Management, with concentrations in Finance and Marketing, from Purdue University in May 1998.
11 12 13		I earned a Bachelor of Arts degree in Economics from the University of California, Los Angeles in June 1993. I also earned a Master of Science in Management, with concentrations in Finance and Marketing, from Purdue University in May 1998. I began my employment with Indiana American in August 2018. I also serve on
11 12 13 14		I earned a Bachelor of Arts degree in Economics from the University of California, Los Angeles in June 1993. I also earned a Master of Science in Management, with concentrations in Finance and Marketing, from Purdue University in May 1998. I began my employment with Indiana American in August 2018. I also serve on the National Association of Regulatory Utility Commissioners (NARUC) as a Rate
11 12 13 14 15		I earned a Bachelor of Arts degree in Economics from the University of California, Los Angeles in June 1993. I also earned a Master of Science in Management, with concentrations in Finance and Marketing, from Purdue University in May 1998. I began my employment with Indiana American in August 2018. I also serve on the National Association of Regulatory Utility Commissioners (NARUC) as a Rate School instructor. Prior to that, I was employed by San Diego Gas and Electric

affiliates of Sempra Energy, covering various GRC chapters and the companies' Cost of Capital proceedings. I held that position since June of 2013. Prior to that position, I was the Regulatory Accounts and Financial Services Manager at SDG&E in the Financial Analysis Department for 3 years. In that position, I was responsible for managing the process for the development, implementation, and analysis of regulatory balancing and memorandum accounts as well as supervising the treasury function at SDG&E. I had been employed with SDG&E, SoCalGas and/or Sempra Energy since June 30, 2003. In addition to the position in the GRC organization, I served as the Financial Planning Manager for Sempra Energy, the Regulatory Reporting Manager at SDG&E/SoCalGas, and from June 2003 through August 2008, I worked for SDG&E in utility planning.

12 Q. What are your current employment responsibilities?

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- 13 A. I am responsible for rate and rate related activities for Indiana American which 14 includes the preparation of written testimony, exhibits and work papers in support 15 of rate applications and other regulatory filings.
- 16 Q. Have you testified before the Indiana Utility Regulatory Commission
 17 ("IURC", or "Commission") or any other regulatory agencies with respect to
 18 regulatory matters?
- Yes. I have testified before the IURC in numerous Causes, most recently I filed written testimony in Cause No. 45753 for Indiana American's acquisition approval of the Town of Claypool system and in Cause No. 45785 in support of Indiana American's request to update its system development charges for water and

establish system development charges for wastewater.. In addition, I have testified
before the California Public Utilities Commission on a number of proceedings,
most recently the Test Year 2019 General Rate Case of SDG&E and SoCalGas
(Application 17-10-007/008 cons.).

5 Q. Please describe the business of Indiana American.

6 A. Indiana American is an operating public utility incorporated under the laws of the 7 State of Indiana, with its principal office and place of business in the City of 8 Greenwood, Johnson County, Indiana. The Company provides residential, 9 commercial, industrial and municipal water utility service, including sales for 10 resale, and public and private fire service, to approximately 320,000 water 11 customers and wastewater utility service to approximately 2,200 wastewater 12 customers in and around the State of Indiana.

13 Q. What is the purpose of your testimony?

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The purpose of my testimony is to describe Indiana American's proposed System Enhancement Improvements charge, better known as "SEI." I will describe the accounting for two types of expenditures for eligible additions, those made pursuant to an approved plan (referred to herein as the "first category"), and those for eligible additions that are replacements (the "second category"). I will discuss the recovery of each of those types of investments and briefly explain the accounting for investments in service. I will offer proposed tariff changes to incorporate the changes proposed in the charge. As I will explain, since this petition combines both categories, I understand a subdocket will be created to address the second category.

2		in both the main docket and the subdocket.
3	Q.	Please identify the attachments which you will be sponsoring with your direct
4		testimony.
5	A.	I am sponsoring the following attachments:
6 7 8 9 10 11 12 13		 Attachment GDS-1 Revenue and Rate calculation worksheets Attachment GDS-2a and Attachment GDS-2b SEI-1 IAWC Water Tariff to reflect SEI charges in clean and redline Attachment GDS-3 Schedule of deferred balances
14	Q.	Were Attachments GDS-1 through GDS-3 prepared by you or under your
15		direction and supervision?
16	A.	Yes.
17	Q.	Please identify and discuss the document that has been marked as Attachment
18		GDS-1?
19	A.	Attachment GDS-1 is Petitioner's Revenue Requirement and fixed charge
20		calculation, filed in Excel. As explained below, the calculation considers the most
21		up to date capital structure and costs of capital and uses the Return on Equity
22		previously approved in the Company's most recent Rate Case (Cause No. 45142).
23		Further, the attachment calculates property taxes and depreciation recovered in the
24		Revenue Requirement and shows the 80% recovery of that Revenue Requirement
25		also explained below.

My testimony and attachments are prepared in such a fashion that it can be admitted

- 1 Q. Please identify and discuss the documents that have been marked as
- 2 Attachments GDS-2a and GDS-2b?
- 3 A. Attachments GDS-2a and GDS-2b are Petitioner's proposed SEI-1 rate schedule
- 4 tariffs, both redline and clean copies. The Company is proposing to treat the SEI-
- 5 1 2022 surcharge consistent with the prior Distribution System Improvement
- 6 Charges ("DSIC") filings in that the rate will be a fixed rate based on meter size.
- 7 In this attachment, I present two versions of the tariff. As explained later in this
- 8 testimony, asset and investments deemed "replacements" and not subject to the pre-
- 9 approval plan filing will be evaluated in a sub-docket in this cause. As such, I
- present one tariff, marked Attachment GDS-2a, with just the pre-approved plan
- investments and a second tariff, marked Attachment GDS-2b, that combines the
- pre-approved plan investments with the replacement investments.
- 13 Q. Please identify and discuss Attachment GDS-3.
- 14 A. This presents in summary fashion the deferred depreciation and post-in-service
- 15 carrying charges ("PISCC") on both categories of eligible additions, which
- amounts are included in the net investor supplied SEI additions as I will explain
- herein. Details of the calculations which were used to prepare Attachment GDS-3
- are included in my workpapers.

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Service Enhancement Improvements

- 20 Q. Please explain the statutory basis for this SEI filing.
- 21 A. Indiana Code ch. 8-1-31.7 (referred to herein as "Chapter 31.7" or the "SEI

Statute") allows a public utility to recover depreciation, property taxes, and pretax return on "eligible additions," which consist of utility plant that has been procured, installed or constructed with expenditures that are "service enhancement improvements." "Service enhancement improvements" are expenditures that are (1) made or to be made and are related to direct or indirect compliance with "requirement(s)," or related to installation of new plant or equipment that is not replacement of a plant or equipment and that the Commission determines is reasonable and appropriate to further health, safety, or environmental protection for the eligible utility's customers, employees, or the public (collectively what I refer to as the first category); or (2) are replacement of a plant or equipment to maintain existing health, safety, or environmental protection for the eligible utility's customers, employees, or the public (the second category). On September 3, 2021, the Company filed Cause No. 45609 to obtain pre-approval of the utility's plan for expenditures from the Commission resulting from the first category of service enhancement improvements. The Company's plan was approved on March 16, 2022. This filing seeks approval of a rate adjustment to recover the SEI Statute revenue requirement for both the first and second category.

Q. Please explain the process.

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The process began with the afore-mentioned filing (Cause No. 45609 petition and case-in-chief) seeking approval from the Commission of the utility's plan for expenditures. Once that plan was approved, the Company was authorized to file a petition to establish or adjust an adjustment rider to

our rate schedules to allow timely recovery of Service Enhancement Improvement Costs associated with the first category of eligible additions. Preapproval of a plan is not required for the second category to implement a rate adjustment. Pursuant to Ind. Code §8-1-31.7-12(h), a utility may combine both categories in its rate adjustment application. The Commission has 60 days after filing to approve the SEI Rider to incorporate the first category of eligible additions. To the extent any individual application for a rate adjustment also includes the second category of eligible additions, I understand the Commission will create a sub-docket in the rider proceeding so that the replacement eligible additions can be considered within 120 days.

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SEI Revenue Requirement and Recovery

Q. Several times you have used the phrase Service Enhancement Improvement

Costs. What do you mean by this phrase?

I mean the costs the Company incurs in connection with an eligible addition, including depreciation expense, property tax expense and pretax return. I also use the phrase "revenue requirement" to mean the same thing as Service Enhancement Improvement Costs. In order to show the description of the service enhancement improvement costs associated with the proposed service enhancement improvements, Attachment GDS-1 Schedule 1 shows the costs the Company incurs in connection with eligible additions, including depreciation expense, property tax expense, and pretax return, as discussed in more detail below. The testimony of

Company witnesses Stacy Hoffman and Dan Halverstadt describe the capital cost component of the improvements. Their testimony will also address the extent to which the eligible additions do not increase revenues by connecting new customers; are used and useful; were procured, installed or constructed with expenditures that are service enhancement improvements; and were not included in rate base in the Company's most recent general rate case. My testimony and the accompanying Attachment GDS-1 show the total service enhancement improvement costs to be recovered or deferred, which I also refer to as the revenue requirement.

9 Q. How will recovery of the revenue requirement work?

- A. Service enhancement improvement costs will be recovered through
 customer rates as provided under the SEI Statute. The costs are collected
 based on a fixed meter charge based upon equivalent meter size. The SEI
 Statute provides for the following recovery of this revenue requirement:
 - 1. Recovery immediately of eighty percent (80%) of the revenue requirement amount via the SEI rider; and
 - 2. Twenty percent (20%) of the revenue requirement, including depreciation, allowance for funds used during construction, and post in service carrying costs, compounded monthly and based on the overall cost of capital most recently approved by the Commission, shall be deferred and recovered as part of the Company's next general rate case.

Q. What costs are included in calculating the revenue requirement?

- 2 A. The revenue requirement is calculated with respect to "eligible additions," 3 which, for non-replacement improvements (i.e., the first category), include 4 any new utility plant or equipment (1) that does not increase revenues by 5 connecting to new customers, even though the plant or equipment may 6 provide the Company with greater available capacity; and (2) that: (i) is 7 used and useful; (ii) is procured, installed, or constructed by the public 8 utility with expenditures that are service enhancement improvements; and 9 (iii) was not included in rate base in the Company's most recent general rate 10 case. For replacement improvement projects (the second category), the 11 revenue requirement is also calculated on eligible additions, including 12 replacement of utility plant or equipment (1) that does not increase revenues 13 by connecting to new customers, even though the plant or equipment may 14 provide the Company with greater available capacity; and (2) that: (i) is used and useful; (ii) is procured, installed, or constructed by the public 15 16 utility with expenditures that are service enhancement improvements; and 17 (iii) was not included in rate base in the Company's most recent general rate 18 case.
- Q. With respect to the first category, Ind. Code § 8-1-31.7-9 sets forth additional requirements if actual costs exceed the projected costs. Are those requirements applicable here?
- 22 A. No. That section provides that should the actual costs in the aggregate of

- the first category of eligible additions exceed by more than twenty-five percent (25%) the projected costs for which approval was granted in the March 16, 2022 decision in Cause No. 45609, the Company must seek specific approval by the Commission before including those costs in the next rate case. As explained by Witness Hoffman, actual costs do not exceed the projections by greater than twenty-five (25%).
- Q. Please explain how the depreciation expenses proposed for recovery wascalculated.
- 9 A. Indiana American is including for recovery within the revenue requirement the
 10 depreciation expense associated with the new capital investments for the eligible
 11 additions and replacements. I have used the currently approved depreciation rates.
 12 Depreciation expense has been grossed up to include the uncollectible expense and
 13 IURC fees.

14 Q. How has property tax expense been calculated?

Property tax expense included for recovery reflects an annualized level of expense related to the eligible addition based upon the first assessment date following its placement in service. The annualized property tax expenses are calculated by multiplying the plant investment balances by the current or most recent tax rate for the projected period. For the replacement projects (the second category), I have computed a weighted average property tax rate. Property tax expense has been grossed up to include the uncollectible expense and IURC fees.

1 Q).	How will	pre-tax	return o	n new	capital	investment	be	calculated:	?
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- 2 The pre-tax return on the new capital investment was calculated by multiplying the A. 3 pre-tax rate of return, based on the weighted average cost of capital ("WACC"), by 4 total new capital investment related to the eligible additions.

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5 What is the proposed WACC to be used in the revenue requirements for SEI? Q.

- A. In accordance with the SEI Statute, Indiana American is using our actual regulatory capital structure and actual cost rates for long-term debt, as of October 2022, the latest closed period available to be incorporated prior to filing this testimony. I am using the authorized return on equity of 9.80%, as determined in Cause No. 45142, our most recent general rate case. The revenue requirement is grossed up using the current state and federal income tax rates and public utility fee rate. Utility Receipt Taxes are no longer included in Indiana American filings since the repeal of the tax in House Bill 1002 in March 2022.
- 14 Q. Please explain the deferral of the remaining 20% of eligible revenue 15 requirement amounts not recovered through the SEI Rider.
- 16 As provided for in the SEI Statute, the rate adjustment is to recover 80% of the A. revenue requirement under the SEI Statute. The remaining 20% of eligible revenue 17 18 requirement amounts shall be deferred for recovery as part of the Company's next 19 base rate proceeding. Consistent with the recoverable portion, the revenue 20 requirement calculation discussed later in my testimony will be used to derive the 20% deferred for future recovery. The remaining 20% of eligible revenue requirement is shown on line 18 on each of Attachment GDS-1 Schedules 2 (total), 22

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- Q. How has the Company addressed the accrual of depreciation expense and PISCC after each eligible addition is in service but before the costs are included in rates?
 - Indiana American, according to the Order in Cause No. 45609, has been deferring depreciation expense and accruing PISCC on all eligible additions, from each addition's in-service date until depreciation expense is approved to be included for recovery in rates. Commencing on the date each project is placed in service, the depreciation expense is charged to Depreciation Expense with a corresponding credit to Accumulated Depreciation. Concurrently, the deferral of depreciation is recorded to Account 186, Miscellaneous Deferred Debits, until such point as the assets are included for recovery in rates. For PISCC, this accrual is recorded as a debit to the same Account No. 186, with corresponding credit to income under Account 420 for the equity specific component of the PISCC and Account No. 420 for the debt specific component of the PISCC. For both depreciation and PISCC, the entries are in compliance with GAAP, NARUC accounting, and the IURC before, for example in Cause No. 45236. Attachment GDS-3 summarizes the balances in those account as of October 31, 2022. As indicated previously, my workpapers show the detailed calculations of these amounts. regulatory asset for the deferrals and accruals for the first category of eligible

¹ Indiana American's Petition for authority to continue the capitalization of allowance for funds used during construction and to defer depreciation on its water utility improvement projects in Richmond, Muncie and Noblesville Operations following their placement in service. Order issued October 8, 2019.

1	additions	and a	second	regulatory	asset for	the second	category.	Both of these

- 2 regulatory assets are included in Net Investor Supplied Water SEI Additions for
- purposes of computing the revenue requirement in Attachment GDS-1.

4 Q. Will the deferral of depreciation and accrual of PISCC cease after approval of

- 5 the requested rider?
- 6 A. Only for the 80% of the revenue requirement recovered through the rate adjustment.
- 7 This is the portion of pretax return and depreciation that will then be recovered
- 8 through the SEI Rider. For the portion of pretax return and depreciation associated
- 9 with the 20% of service enhancement improvement costs that are deferred for
- recovery, the PISCC will cease upon approval of rates in the ensuing general rate
- case whereby that 20% is included in net original costs for ratemaking purposes.
- This deferral and accrual will be recorded to the same regulatory assets I have
- described.
- 14 Q. What rates will be used to calculate PISCC on the portion of eligible additions
- placed in service but not yet recovered through rates?
- 16 A. The PISCC rates used is the WACC as set forth in the SEI Statute, compounded
- monthly.
- 18 Q. How will the amortization of the PISCC deferred balance be calculated?
- 19 A. As I explained, there are two regulatory assets one for the first category and one
- 20 for the second category. The Company proposes that the amortization for each
- 21 regulatory asset will be done over the weighted average remaining life of the

eligible additions in each category and will be part of the revenue requirement included in the calculation of the SEI Rider (for 80%) and in the rate case (for the remaining 20%). Future SEI Rider filings will record to these respective two regulatory assets and will be amortized over the same lives resulting here, with the ability to adjust the amortization period in future general rate cases if the weighted average lives of the underlying eligible additions become materially different over time.

Building the Revenue Requirement

9 Q. Please identify and describe the exhibit marked as Attachment GDS-1.

- A. Attachment GDS-1 shows the worksheets and calculations to reflect the revenues and rates produced for 1.) the additions from the plans approved in Cause No. 45609; 2.) the additions from the replacement projects; and 3.) a summary of both the pre-approved plan investments and the replacement projects. This attachment has been structured such that the pre-approved plan investment revenue requirement can be easily separated and evaluated from the replacement investment while also seeing the overall impact of all of the SEI investments. The general form of Attachment GDS-1 matches the exemplar attachment to my testimony in Cause No. 45609, except it now contains actual numbers and combines eligible additions of the second category.
- 20 Q. Please describe Schedule 1, Schedule 5, and Schedule 9 of Attachment GDS-1.
- 21 A. I lump these three schedules together when speaking of Attachment GDS-1 because

they all serve the same purpose. The difference in the schedules reflects the types of SEI investment – Schedule 1 shows an aggregate of Schedules 5 and 9. Schedule 5 (the first category) shows the revenue requirement for each of the additions included in Cause No. 45609 whereas Schedule 9 (the second category) shows the revenue requirement for the replacement projects in this SEI filing. Investments, less retirements, plus cost of removal, plus PISCC and deferred depreciation from Attachment GDS-3 sum to the Net Investor Supplied figure on line 6 on each of these schedules. While the SEI statute would authorize the deferral of property tax expense, the Company is not currently deferring property tax expense and so has not included any amount of deferred property tax expense. The investments are multiplied by the pre-tax return, or WACC (calculated on schedule 13 and discussed below) to show the pre-tax return on line 8. Property taxes are added to the revenue requirement on line 10 (calculated on line 11 of schedules 8, and 12 and discussed below). The depreciation amounts (calculated on line 13 of schedules 7, and 11 and discussed below) are shown on line 12. Line 13 adds amortization of the regulatory asset for PISCC and deferred depreciation. The total SEI revenue requirement is shown on line 16. This represents 100% of the revenues for each of the projects or investment type listed.

- Q. Please describe Schedule 2, Schedule 6, and Schedule 10 of Attachment GDS-
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- 21 A. Schedules 2 (total), 6 (first category) and 10 (and second category) again are
- lumped together as all three represent what Meter Rates would be for the Total SEI-

1 Rider, the SEI-1 Rider for pre-approved plan investments, and the SEI-1 Rider for replacement investments, respectively. Per the SEI Statute, the SEI revenues are collected on a fixed meter charge based on size of meter. Indiana American is using the American Water Works Association standard equivalent meter flow-based ratio as the basis for the calculation. These schedules adjust the revenues calculated on Schedule 1, 5, and 9 discussed above to apply an 80% factor to reflect the amount to be recovered through the periodic rate adjustment rider. As discussed above, the remaining 20% will be held in a regulatory asset and, along with post-in-service carrying costs, will be recovered in the next rate case. Line 2 of Schedules 2, 6, and 10 shows the 80% of revenues to be added to the SEI Rider. Beginning on line 4, the schedule applies the meter equivalents to the number of billing units for the 12 months using October 31, 2022 meters to arrive at a per meter amount. The meter charge for a residential 5/8" meter after all projects in this Cause are complete will be \$1.11 (total). The impacts of individual projects can be seen in columns G through K of Schedule 6. The meter charge for a residential 5/8" meter after the first category of projects is complete will be \$0.91.

Q. Please describe Schedule 3, Schedule 7, and Schedule 11 of Attachment GDS-

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Schedules 3 (total), 7 (first category), and 11 (second category) shows the depreciation calculation done for the total SEI-1 investments, the pre-plan investments, and the replacement investments, respectively. Schedule 3 is largely for informational purposes, as the amounts for depreciation expense for both

categories are drawn from Schedules 7 and 11. The depreciation expense calculations reflect the annualized depreciation expense and is used on Schedules 1, 5, and 9 to calculate the revenue requirement. The depreciation rates established in Cause No. 44992, Indiana American Water's Depreciation Study, and implemented as part of the most recent rate case, Cause No. 45142, are applied to the original cost of the SEI additions. The subtotal of depreciation for each eligible addition is reflected in column H.

8 Q. Please describe Schedule 4, Schedule 8, and Schedule 12 of Attachment GDS-

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A.

Property taxes are calculated per eligible addition based on the rates in effect in 2020 and payable in 2021. Like depreciation, Schedule 4 is largely informational, as the amounts for property tax expense is drawn from Schedules 8 and 12. Schedules 8 (first category) and 12 (second category) shows the County, Municipality, Map Location and Parcel numbers of locales near where these SEI additions are located. The schedules further show the total payments made for those parcels and divides that figure by the Total Assessment to arrive at the average effective property tax rate by taxing district (see column K). This is done to determine a rate to apply to the book basis to most closely represent what property taxes would be if calculated on a tax basis. When an exact location and comparable rate could be found, like in the case for Charlestown Filtration Improvements, the tax rate for that parcel was multiplied by the Net Investor Supplied Additions less PISCC and deferred depreciation. When an exact or comparable rate could not be

directly found, the weighted average for the approximate parcels were used (by summing the total payments by parcel and dividing by the total assessment value for those parcels). In those cases, the weighted average property tax rates were multiplied by the Net Investor Supplied Additions less PISCC and deferred depreciation.

6 Q. Please describe Schedule 13 of Attachment GDS-1.

A.

A. The rate of return used in this proceeding is shown on line 7 of Schedules 1, 5, and 9 and the calculation is shown on Schedule 13. The Petitioner's weighted average cost of capital is based on the most recent data available through October 31, 2022. The long-term debt cost rate used in this calculation is 4.73%. The common equity rate of return is 9.80%, as approved in the Order in Cause No. 45142. The weighted average cost of capital used is 6.21% after tax. Schedule 13 of Attachment GDS-1 shows the derivation of the weighted cost of capital of 6.21% and the pre-tax rate of return of 7.74%.

Q. What is the priority of recovery?

It is consistent with the Order in Cause No. 45609. In that Cause, I presented Attachment GDS-3 illustrating the priority of recovery of the 80% SEI Rider in terms of accounting with the first dollar representing the full return (line 1) and the remaining amounts covering a portion of the incremental expenses (lines 2 and 3). This methodology as laid out in the Cause No. 45609 Schedule 1 is required to ensure the Company receives the return granted by the SEI Statute on its investment in accordance with Financial Accounting Standards Board ("FASB") Accounting

- Standards Codification ("ASC") Topic 980.
- 2 Q. Does this accounting prioritization impact the amount recoverable in the
- 3 Company's SEI or the amount deferred for future recovery?
- 4 A. No. The amounts included for recovery in the SEI are and will continue to represent
- 5 an amount equal to 80% of the total annual revenue requirement. The remaining
- 6 amount, equal to 20% of the total annual revenue requirement, is and will continue
- 7 to be the amount deferred for future recovery in a base rate case. The manner of
- 8 recovery as I have described is required by accounting rules to recognize the full
- 9 return on investment.
- 10 Q. How was the net operating income level grossed up for state and federal
- 11 income taxes?

- 12 A. Also shown on Schedule 13 of Attachment GDS-1 is the Company's calculation of
- a gross revenue conversion factor of 134.6335% utilizing those taxes and rates in
- effect during the time the SEI Revenues are billed. These taxes, fees, and expenses
- are the IURC Fee of 0.1202%, Uncollectible/Bad debt rate of 1.0167%, the State
- Income Tax of 4.90%, and the Federal Income Tax of 21%. The gross revenue
- 17 conversion factor was multiplied by the weighted cost of the non-debt components
- of the capital structure to determine the pre-tax return of 7.74%. To gross up
- depreciation and property tax expenses, a separate gross up factor was used that
- 20 includes Uncollectible (1.0167%) and IURC fees (0.1202041%). That can be found
- on lines 30 through 46 of Attachment 1 Schedule 13.

- 1 Q. Will this proposed SEI Rider require a tariff change?
- 2 A. Yes. Attachments GDS-2a and GDS-2b show new tariffs for SEI and includes all
- 3 the additions submitted in this Cause. A rider update filing will be updated no more
- 4 than once every 12 months.
- 5 Q. Does this conclude your direct testimony?
- 6 A. Yes, it does.

VERIFICATION

I, Gregory Shimansky, Director Rates & Regulatory, American Water Works Service Company, Inc., affirm under penalties of perjury that the foregoing representations are true and correct to the best of my knowledge, information and belief.

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Gregory Shi	mar	isky			

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Date:	November 18, 2022

ATTACHMENT GDS-1 FILED AS EXCEL DOCUMENT

Cause No. 45609 SEI-1
Attachment GDS-2a
Page 1 of 4
I.U.R.C. No. W-21-A
Cancelling All Previously Approved Tariffs
(W-20-A)
Third Revised Page 3 of 10

CLASSIFICATION OF SERVICE GENERAL WATER SERVICE AND SALE FOR RESALE

Customer Charge

All metered general water service and sale for resale customers shall pay a Customer Charge based on the size of meter installed (or multiple meters installed--in which case, the charge is based on the total of all meters installed). The Customer Charge rates are listed below and do not include any allowance for water usage.

	<u>Monthly</u>	
Size of Meter	Customer Charge*	Sale for Resale Only*
5/8"	\$ 15.47	\$ 23.23
3/4"	21.92	33.34
1"	28.72	45.36
1-1/2"	53.79	77.62
2"	98.27	137.74
3"	154.90	223.63
4"	240.80	356.27
6"	436.17	670.84
8"	672.41	1,049.89
10"	1,061.76	1,677.80
12"	1,699.19	2,723.72

Note: Unless specified rates are for all areas.

The following rates and charges are applicable to customers* located in the acquired areas within the former <u>Rivers</u> <u>Edge Utility Inc.'s Certificate of Territorial Authority</u>:

Recurring Charges:	
Mobile Home and Camp Lots	A flat fee of \$64.50 per month
•	(6-month minimum)
Non-Recurring Charges:	
Disconnection Fee	\$45
Reconnection Fee	\$45
Residential Water Connection Charge	\$200
RV Site Water Connection Charge	\$75
Returned Check Charge	\$25
Tampering Fee	\$200
Late Fee Water	10% of the first \$3, and 3% of the excess \$3

^{*} Subject to the Distribution System Improvement Charge listed on Appendix A and the System Enhancement Improvement Charge on Appendix B.

	<u> </u>	
Issued:		Effective:

I.U.R.C. No. W-21-A
Cancelling All Previously Approved Tariffs
(W-20-A)
Original Appendix B

SYSTEM ENHANCEMENT IMPROVMENTS (SEI)

The System Enhancement Improvements (SEI) fixed meter charge set forth on this schedule is applicable where clearly denoted on other rate schedules, and this SEI Charge by Meter Size shall be added to all charges billed. Changes to the SEI shall be occasioned by filings in accordance with Indiana Code Chapter 8-1-31.7-8.

All Water Groups

Meter Size	Meter Size
5/8"	\$0.91
3/4"	\$1.37
1"	\$2.29
11/2"	\$4.57
2"	\$7.32
3"	\$13.72
4"	\$22.86
6"	\$45.72
8''	\$73.15
10" 12"	\$118.87 \$196.60

Issued:	Effective:	
	Issued by: Matthew Prine, President 153 North Emerson Avenue Greenwood, Indiana 46143	EFFECTIVE

Cause No. 45609 SEI-1
Attachment GDS-2a
Page 3 of 4
I.U.R.C. No. W-21-A
Cancelling All Previously Approved Tariffs
(W-20-A)
Second-Third Revised Page 3 of 10

CLASSIFICATION OF SERVICE GENERAL WATER SERVICE AND SALE FOR RESALE

Customer Charge

All metered general water service and sale for resale customers shall pay a Customer Charge based on the size of meter installed (or multiple meters installed--in which case, the charge is based on the total of all meters installed). The Customer Charge rates are listed below and do not include any allowance for water usage.

	<u>Monthly</u>	
Size of Meter	Customer Charge*	Sale for Resale Only*
5/8"	\$ 15.47	\$ 23.23
3/4"	21.92	33.34
1"	28.72	45.36
1-1/2"	53.79	77.62
2"	98.27	137.74
3"	154.90	223.63
4"	240.80	356.27
6"	436.17	670.84
8"	672.41	1,049.89
10"	1,061.76	1,677.80
12"	1,699.19	2,723.72

^{*} Subject to the Distribution System Improvement Charge listed on Appendix A

Note: Unless specified rates are for all areas.

The following rates and charges are applicable to customers* located in the acquired areas within the former Rivers Edge Utility Inc.'s Certificate of Territorial Authority:

Recurring Charges:	
Mobile Home and Camp Lots	A flat fee of \$64.50 per month
	(6-month minimum)
Non-Recurring Charges:	
Disconnection Fee	\$45
Reconnection Fee	\$45
Residential Water Connection Charge	\$200
RV Site Water Connection Charge	\$75
Returned Check Charge	\$25
Tampering Fee	\$200
Late Fee Water	10% of the first \$3, and 3% of the excess \$3

^{*} Subject to the Distribution System Improvement Charge listed on Appendix A and the System Enhancement Improvement Charge on Appendix B.

Issued:	Effective:

I.U.R.C. No. W-21-A Cancelling All Previously Approved Tariffs (W-20-A) Original Appendix B

SYSTEM ENHANCEMENT IMPROVMENTS (SEI)

The System Enhancement Improvements (SEI) fixed meter charge set forth on this schedule is applicable where clearly denoted on other rate schedules, and this SEI Charge by Meter Size shall be added to all charges billed. Changes to the SEI shall be occasioned by filings in accordance with Indiana Code Chapter 8-1-31.7-8.

All Water Groups

Meter Size	Meter Size
5/8"	\$0.91
3/4"	\$1.37
1"	\$2.29
11/2"	\$4.57
2"	\$7.32
3"	\$13.72
4"	\$22.86
6"	\$45.72
8''	\$73.15
10"	\$118.87
12"	\$196.60

I.U.R.C. No. W-21-A
Cancelling All Previously Approved Tariffs
(W-20-A)
First Revised Appendix B

SYSTEM ENHANCEMENT IMPROVMENTS (SEI)

The System Enhancement Improvements (SEI) fixed meter charge set forth on this schedule is applicable where clearly denoted on other rate schedules, and this SEI Charge by Meter Size shall be added to all charges billed. Changes to the SEI shall be occasioned by filings in accordance with Indiana Code Chapter 8-1-31.7-8.

All Water Groups

Meter Size	Meter Size
5/8"	\$1.09
3/4"	\$1.64
1"	\$2.73
11/2"	\$5.47
2"	\$8.74
3"	\$16.40
4"	\$27.33
6"	\$54.65
8"	\$87.45
10"	\$142.10
12"	\$235.01

Issued:	Effective:	
	Issued by: Matthew Prine, President 153 North Emerson Avenue Greenwood, Indiana 46143	EFFECTIVE

I.U.R.C. No. W-21-A
Cancelling All Previously Approved Tariffs
(W-20-A)
Original First Revised Appendix B

SYSTEM ENHANCEMENT IMPROVMENTS (SEI)

The System Enhancement Improvements (SEI) fixed meter charge set forth on this schedule is applicable where clearly denoted on other rate schedules, and this SEI Charge by Meter Size shall be added to all charges billed. Changes to the SEI shall be occasioned by filings in accordance with Indiana Code Chapter 8-1-31.7-8.

All Water Groups

Meter	<u>Meter Size</u>
Size	
5/8"	\$ 0.91 1.09
3/4"	\$ 1.37 <u>1.64</u>
1"	\$ 2.29 2.73
11/2"	\$4 .57 <u>5.47</u>
2"	\$ 7.32 <u>8.74</u>
3"	\$ 13.72 <u>16.40</u>
4"	\$ 22.86 27.33
6"	\$4 5.72 <u>54.65</u>
8"	\$ 73.15 <u>87.45</u>
10"	\$ 118.87 <u>142.10</u>
12"	\$ 196.60 235.01

Issued:	Effective:	Effective:				
	Issued by: Matthew Prine, President 153 North Emerson Avenue Greenwood, Indiana 46143	EFFECTIVE				

ATTACHMENT GDS-3 FILED AS EXCEL DOCUMENT

Cause No. 45609 SEI-1 Indiana American Water Company Attachment GDS-1

FILED
November 18, 2022
INDIANA UTILITY
REGULATORY COMMISSION



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- 10

representation processor in pro	(197) (1,684) (1,685) (1,687)	747 1,894 4,491 1,994 4,491 1,994 1,		2,641 4,979 74,589 6,688 64,724 12,707 1,000 9,777 24,620 1,016 976 24,620		(2),61 (2),63 (2),63 (3),63 (4),63 (5
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megrovements nert nert	(223) (223)	272 747 2.988 272 2.72 2.72 2.73 2.74 2.75 2.72 2.72 2.72 2.74 1.92 4.17 4.47 4.47 4.47 4.47 4.47 4.47 4.47		10,203 3,000 9,272 83,620 1,016 976 28,641 - - 23,968 - 7,113 6,273 3,470 15,966 24,961 3,701 3,201 3,202 3,		(16.26) (16.27
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sect sect sect sect sect sect sect sect	(2231 (2231) (2241) (2341) (2141) (2141) (2141) (2231) (2231) (2231) (2341) (23	272 272 2 241 6,722 - - - 5,975 - 272 273 272 1,867 2,241 1,120 2,44 4,170 4,477 1,486 4,7,801		1,016 97% 28,574 28,641 - - - 23,958 4,70 15,966 24,991 3,701 3,201 3,202 24,122		(3,00 (28,52 2,385,20 2,385,20 2,385,30 5,432,46 4,897,01 725,69 246,55 (3,52 (4,73 (15,56 (24,66 (2
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& Equip Equipment Equipment Equipment Equipment Encounnents Encounnents Encounnents	2,145,200 2,218,128 3,083,582 5,823,646 4,690,622 753,078 206,551 (2221 (2,362) (2,362) (2,362) (2,362) (2,362) (2,362) (2,362) (2,362) (1,362	5.975 - 272 272 272 1987 2.241 1.120 7.64a 4.170 4.647 1.494 47,801		28,641 23,958 7,113 6,273 3,670 15,966 24,691 3,201 3,203 29,122		2,135,20 2,286,20 3,081,88 5,612,46 4,997,92 735,69 246,55 (7,11 (6,27 (8,27 (1,5,96 (2,4,90 (3,20 (3,
& Equip Equip Equipment preent & instrument reprovements this reprovements	2,118,128 2,005,139 5,422,466 4,909,262 753,678 286,555 (2221 (2221 (2,647) (2,648) (1,126) (1,647) (1	5.975 - 272 272 272 1987 2.241 1.120 7.64a 4.170 4.647 1.494 47,801		23,958 7,113 6,273 2,670 15,966 24,691 2,701 3,220 29,122		2,081,88 5,422,46 4,997,01 725,69 246,55 (7,11 (6,27 (2,43 (15,96 (24,69 (2,26) (2,26)
& Equip Equip Equipment Topinent Exprovements Toprovements This Toprovements	2,001,992 5,022,646 4,669,012 752,018 286,551 (221) (2,867) (2,941) (1,126) (2,667) (1,126) (1,667) (1,667) (1,667) (1,667) (1,667) (1,667) (1,667) (1,667) (1,667) (1,667) (1,667) (1,667)	5.975 - 272 272 272 1987 2.241 1.120 7.64a 4.170 4.647 1.494 47,801		23,958 7,113 6,273 2,670 15,966 24,691 2,701 3,220 29,122		2,081,88 5,422,46 4,997,01 725,69 246,55 (7,11 (6,27 (2,43 (15,96 (24,69 (2,26) (2,26)
& Equip Equip Equipment preent & instrument represements hts moreoements	4,967,012 750,018 266,551 (2731 (1,867) (2,941) (1,108) (1,108) (1,464) 21,666,651 (10,772 2,558,663	272 273 1867 2.261 1120 7.44A 4.170 4.067 1.896 47,801		23,958 7,112 6,273 3,470 15,966 24,691 3,701 3,220 29,132		4,997,01 735,69 246,55 (7,11 (6,27 (3,43) (15,96 (24,69 (3,20)
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& Equip Equip Equipment pment & instrument improvements hts improvements	246,551 (223) (224) (1,867) (2,241) (1,120) (2,644) (1,120) (1,867) (1,864) 21,660,651 - 109,722 2,558,663	272 273 1867 2.261 1120 7.44A 4.170 4.067 1.896 47,801		7,112 6,273 3,470 15,966 24,691 3,701 3,200 29,132		246,55 (7,51 (6,27 (3,47) (15,96 (24,69 (3,20) (3,20)
& Equip Equip Equipment preent & Instrument represements hts moreovernets	(273) (273) (1,867) (2,041) (1,120) (2,644) (1,120) (1,867) (1,660) 21,660,651	272 272 1 867 2.241 1 120 7 444 4 120 4 667 1 898 47,801		7,113 6,273 3,470 15,966 24,691 3,701 3,220 29,132		(7,11 (6,27 (2,43) (15,96 (2,46) (2,70 (2,23)
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Equipment pment & instrument mprovements hts morovements	(1,867) (2,241) (1,120) (2,644) (1,120) (1,867) (1,864) 21,660,651 - 109,722 2,558,662	1 967 2 241 1 120 7 444 4 170 4 967 1 896 47,801		2,670 15,966 24,691 3,701 3,200 29,132 1,741		(6,27 (3,43 (15,96 (24,69 (3,20 (3,23
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Equipment preent & instrument mprovements hts moreovements	(1,120) (2,614) (1,120) (1,667) (1,664) 21,660,651 	1 120 7 444 4 120 4 967 1 494 47,801		24,691 3,701 3,220 29,132 1,741		(24,69 (3,70 (3,22
pment & instrument mprovements hts morovements	(2,614) (1,120) (1,867) (1,884) 21,660,651 109,722 2,558,963	7 614 1 120 1 067 1 696 67,801		3,701 3,320 29,132 1,741		(3,70
pment & instrument mprovements hts morovements	(1,120) (1,867) (1,494) 21,660,651 - 109,722 2,558,963	1 007 1 696 67,801		2,220 29,132 1,741		(3,32
& instrument reprovements hts reprovements	(1,867) (1,694) 21,660,651 - 109,722 2,558,963	1 967 1 494 47,801		29,132		
roprovements	(1,494) 21,660,651 - 109,722 2,558,963	1 494 47,801		1.741		
rprovements	21.660.651 109,722 2,558,963	47,801				
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hts morpuements	2,558,963			508,863		21.199.59
hts morpuements	2,558,963					
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morpvements		49.500		4.027		2,558,96
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morpvements	74,800					74.90
	214,335	15 916		195 535		44.61
	49.766	7 909		9,230		48.44
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						808,39
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	nts nts nprovements	Li Equip 1 649 1 649 1 640	\$ \$400 1 \$48	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	A Supplement A Sup	A Sugar A Suga

Account Description Land and Land Rights WT Struct & Imp Supply Mout & Imp Pumping	Accept				
Struct & rep Supply		0.00%			
	20000	1179			
	20000	1676			
Mout & mp Pamping	20000	1000			
Minut & Imp WT Minut & Imp T&D	30000	1.0%			
	30000	17%			
Struct & trop General					
Struct & trop Offices	30800	3.66%			
Mout & ten Store Shoe Sare	300700	2.08%			
Struct & rep Misc	30000	1.0%			
Collect & Impounding	305000	1386			
Wells & Springs	307000	3.77%			
Power Generation Equip	X12000	2.28%			
Pump Squipment Section	X11200	1.89%			
Puma too Other	\$11000	1.02%			
Puma Soo SCS & Pumoma	111030	1.02%			
Pump top Wtr Treatment	311030	1.02%			
Pump top 160	X110.00	1.02%			
WT Equip Non-Media	13000	1179			
	809020	1075			
	30900	1425			
	111000	4100			
	311800 137781	2395			
	13030	1486			
	33630	100			
	382230 38223	20.00% 20.00%			
	34003	20.00%			
WT bourgement tet Basin, Clea	1200/00	2.07%			
WT boursement bet Bacon, Clear WT boursement Priber Plant, Pr	12030	1486			
WT boursment Filter Plant Po WT boursment Chemical Pen	1300AL 1200AL	20%			
WT Equipment Chemical Fee. WT Equipment Filter Media	32006 32000	1491			
WT Equipment Pitter Media TD Mains Nat Classified	83000 88000	1725			
TD Mains Not Classified	XX3005	1,72%			
TD Mains Sin to Bin	111200	1.70%			
Office Furniture & Equip	360000	5.00%			
Tools, Shop, Sarage Squip	343000	4.00%			
Laboratory Equipment	30600	6476			
	849000	2.29%			
Power Operated Equipment					
Remate Control & Indisumen	306090	6476			
Remate Control & Indisumen	86090 00008	5.00%			
Pawer Operated Equipment Bemate Control & Inclumen Misc Equipment	807000	1.00%			
Bemate Control & triZoumen Miss Equipment	Tatal Revenue Resultement	6476 5.00%			
Remate Control & Indisumen	SERSOS Tatal Revenue	6476 5.00%			
Remark Control & Instrumen Miss Equipment Resease Class	SETTION Total Sevenue Requirement acut 6/20/2020 5/20/6/2020 5/20/6/2020	1.00%			
Remark Control & Inchance Miss Equipment Remarker Class Recidential Reviews Commercial and Other Public	Total Sevenue Requirement acul 6/06/2020 \$125,812,816 \$1,912,816	100%			
Remark Control & Instrument Miss Equipment Research Class Research Strument	367000 Total Revenue Requirement Josef 4046/2020 \$129,832,338 \$5,932,538 \$2,332,638	6.076 5.00%			
Remark Control & Inclument Miss Equipment Research Class Residential Revenue Commercial and Other Public Midstall Revenue State for Residential	30,7000 Total Sevenue Requirement au of 6,06/2020 \$129,812,158 \$5,912,175 25,312,618 11,312,608	6476 5.00%			
Review Class Review Class Review Class Recipional District Recipional Review Commercial Review Conductation Review Liab Sar Recipional Liab Sar Recipional	36.7000 Tatal Sevenae Requirement soul 60.06/202 \$129.411,188 \$3,912,018 13,312,618 11,312,018 6.685.75	6-07% 3-00%			
Remain Control & Instrument Miss Equipment Resease Class Recipied Reviews Commercial and Other Public Solid Foreigns Sale for Recipie Reviews Public Foreigns Public Foreigns	34,7000 Total Revenue Requirement and 404/2020 \$124,012,000 \$1,014,013 \$1,012,000 4,042,725 21,113,000	6476 5.00%			
Revenue Control & suchumen Miss Equipment Processor Files Revolució Revenue Commerció and Other Public Industrial Revenue Salo far Revoluce Salo far Revoluce Massificación Revolución Public Pire Revoluce Massificación Revolución	167000 Tatal Seventus Requirement and 6.06/2000 Tatal Seventus	6.67% 3.00%			
Revenue Calend & Indonment Max Equipment Revenue Cless Revoluted Revenue Commercial and Other Fullish Industrial Revenue Finds Price Revenue Finds Price Revenue Finds Price Revenue Maximilianous Revenue Maximilianous Revenue	16.7000 Tatal Revenue* Requirement and 40.60200 \$121,012,000 \$12,012,000 \$1,012,000 \$1,012,000 \$4,042,700 \$2,112,000 \$	6.076 3.00%			
Remate Control & Instrument Miss Equipment Revenue Class Residential Revenue	167000 Tatal Seventus Requirement and 6.06/2000 Tatal Seventus	6476 5096		Meter Elling	
Renative Colonial & Instituteen Miss Equipment Residential Reviewe Commercial and Colonial Reviewe Commercial and Colonial Reviewe Industrial Reviewe Pristate Pristate Pristate Pristate Pristate Miss Editorial Colonia Miss Editorial Colonia Colo	15/d foreman Replanment Replanmen	6476. 500%		Units by Meter Size	
Renative Colonial & Instituteen Miss Equipment Residential Reviewe Commercial and Colonial Reviewe Commercial and Colonial Reviewe Industrial Reviewe Pristate Pristate Pristate Pristate Pristate Miss Editorial Colonia Miss Editorial Colonia Colo	16.7000 Tatal Revenue Requirement set 40.60200 \$121,012,00 \$1,012,00 \$1,012,00 \$1,012,00 \$4,02,70 \$2,112,00 \$2,112,00 \$2,112,00 \$2,112,00 \$2,112,00 \$3,10 \$4,00 \$	EATS. LODE.	Motor	Unitally Meter Size as of	
Revenue Calend & Indonment Max Equipment Revenue Cless Revoluted Revenue Commercial and Other Fullish Industrial Revenue Finds Price Revenue Finds Price Revenue Finds Price Revenue Maximilianous Revenue Maximilianous Revenue	15/d foreman Replanment Replanmen	647%. 3.00%.	Dauboleets	Unitally Meter Size acof 6/30/2021	Annalise
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Mental Calabid & Indiament Mist Equipment Mist Equi	3,7000 Taid develope Baylanered 8,874,002,002 SURVEY,	LODE.	\$1,500,003 7,200 27,600	01400 by Medic Size accid a/20/2021 800,600.60 630.73 11,312,67	5,236.75 186.152.65
Memory Colonial Michaeles Mis Equipment French Class Robbertal Townson Commercial and Other Public Michaeles Mineman	3-7000 Tail Switzer Replaner R	LODE.	1,000,001 1,000,001 7,200 501.600 80,600	Unitally Meter State as of 6/90/2021 202,603.66 616.73 11.312.67 1,675.17	5,236.75 186.152.65 17,642.67
Mental Cultural & Inclinates Mist Equipment Mist Equipment Mist Equipment Services S	3-7000 Told Brownes Requirement Requiremen	LODE Autilianaed Cost Survivor	\$1,500,003 7,205 529,628 83,629 500,003	Units by Meller Size as of 6/20/2021 802,661.66 616.73 11.12.67 1,670.17 5,727.81	1,236.75 186.192.05 17,642.07 66,716.71
Mension Catalon & Indiament Mist Equipment Mist Equ	3.0000 Tail freeman Replanment and \$1000000 \$100,00000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,0000000000	LODE Lottlement Cost S. Life CODE R. RING	Teuboleets 1,300,861 7,205 509,628 80,629 500,981 87,787	Units by Meles Size as of a/20/2021 SCO_000.60 610.73 11.127.67 1,675.17 1,727.81 696.50	1,236.75 186.112.05 17,642.07 66,716.71 1,996.11
Research Calcilla Red Section of Management Mile Equipment Mile Eq	\$1000 \$100 \$	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Tourisdeets 1,390,983 7,295 829,629 80,629 80,531 87,767 84,678	Unite by Meller Size as of 8/39/2023 800,001.66 606.73 11.112.67 1,679.17 5,727.43 696.30 275.78	5,236.75 186.152.05 17,642.07 66,738.71 3,996.11 3,362.30
Memory Catolin & Indiament Miss Equipment Engage Chick Engage Chick Enclosed To Archive Enclosed To Archive Thick To Archive Chick of Capital Sally Sens Delti All Chick Sense Chick of Capital Sally Sens Delti All Chick Selection Chick of Capital Sally Sens Delti All Chick Selection Class of Capital Sally Sens Delti All Chick Selection Commission Commiss Spally Commiss Spally Commiss Spally Commiss Spally	\$1000 \$1000	LODE Lottlement Cost S. Life CODE R. RING	Residents 3,380,863 2,285 201-628 80,670 500,381 82,787 84,678 77,571	Units by Meter Size as of a/30/2021 800,001.66 685.73 11.512.67 1,675.17 5,727.81 696.36 271.37 185.00	5,256.75 196.192.05 17,662.07 66,738.71 5,996.11 8,362.00 1,960.00
Research Calcilla Red Section of Management Mile Equipment Mile Eq	\$1000 \$100 \$	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Touristeria 7,300,963 7,200 201,000 80,000 80,000 80,000 80,000 80,000 27,000 27,000	Units by Meller Size as of \$1/20/2021 800,001.66 601.73 11.512.67 1,675.17 5,727.81 606.36 275.78 181.00 28.00	5,236.75 196.152.05 17,662.07 66,758.71 5,996.11 8,362.00 1,960.00 886.00
Memory Catolin & Indiament Miss Equipment Engage Chick Engage Chick Enclosed To Archive Enclosed To Archive Thick To Archive Chick of Capital Sally Sens Delti All Chick Sense Chick of Capital Sally Sens Delti All Chick Selection Chick of Capital Sally Sens Delti All Chick Selection Class of Capital Sally Sens Delti All Chick Selection Commission Commiss Spally Commiss Spally Commiss Spally Commiss Spally	\$1000 \$1000	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Residents 3,380,863 2,285 201-628 80,670 500,381 82,787 84,678 77,571	Units by Merier Size as of \$750/9271 \$00,601.66 486.73 11.312.67 1,479.17 3,727.82 696.30 275.78 180.00 28.00	5,256.75 196.192.05 17,662.07 66,738.71 5,996.11 8,362.00 1,960.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	\$1000 Trail for receive	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	\$1,000 Trail developed 1,000	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Tourisation 1, 1910; Mil. 7, 2015 Mil. 7, 2015 Mil. 1016	Units by Merier Size as of \$750/9271 \$00,601.66 486.73 11.312.67 1,479.17 3,727.82 696.30 275.78 180.00 28.00	5,236.75 196.152.05 17,662.07 66,758.71 5,996.11 8,362.00 1,960.00 886.00
Memory Catolin & Indiament Miss Equipment Engage Chick Engage Chick Enclosed To Archive Enclosed To Archive Thick To Archive Chick of Capital Sally Sens Delti All Chick Sense Chick of Capital Sally Sens Delti All Chick Selection Chick of Capital Sally Sens Delti All Chick Selection Class of Capital Sally Sens Delti All Chick Selection Commission Commiss Spally Commiss Spally Commiss Spally Commiss Spally	\$2000 \$ \$2000 \$ \$ \$2000 \$ \$ \$ \$ \$ \$ \$ \$	Methors Cod NESS COS SECS SECS SECS SECS SECS SECS SECS	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	\$2000 \$ \$2000 \$ \$ \$2000 \$ \$ \$ \$ \$ \$ \$ \$	Methors Cod NESS COS SECS SECS SECS SECS SECS SECS SECS	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	TOTAL PROPERTY AND ADDRESS OF THE AD	Motioned Cod Material Cod SARY GORN SARY SA	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	\$1000 \$1000	Mediane Coal STREE DOTS ECON STREE STRE	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Mentance Carlot Symboles Man Spagness Child Symboles Child Child Symb	\$1,000 \$1,	Metinand Col. SIRV GORS SIRV GORS SIRV GORS SIRV GORS SIRV MANA Separate	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Months Clark Syndrome Man Special State of State	\$10000 \$100000 \$100000 \$100000 \$100000 \$100000 \$10000 \$10000 \$10000 \$100000 \$100000 \$100000 \$100000 \$100000 \$100000 \$100000 \$100000 \$10	Methonsed Cod NEW CON CON NEW CON NEW ANN Figurated More Plan Red Alone 10	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Mental California Statistica Management California Statistica Management California Statistica Stat	\$1,000 The contract	Motivated Cod Materials Cod Materi	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Mention Catalog Substances Was Repulgered Mention Claim Mention Ment	\$1,000 \$1,	Medianed Cost LTR COST	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Meson Cardio A Inchance Most Republisher	\$1000 \$1000	Methodol Call Exist E	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Mention Catalog Substances Was Repulgered Mention Claim Mention Ment	\$1,000 \$1,	Medianed Cost LTR COST	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Meson Cardio A Inchance Most Republisher	\$1000 \$1000	Methodol Call Exist E	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Manage California Services Manage California Services Manage California Services Manage California Manage California Manage California Manage California Manage California Califor	### AND ### AN	1,00% httimest Cut 1,17% 0,00% 8,00% 8,00% 8,00% 8,00% 8,00% 8,00% 1,00	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Months California Management of Ambalane Management of Man	SATES STATES AND ADDRESS OF THE PARTY OF THE	Lettimord Cod Little L	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Months Clinical Scholarses Months	### AND ### AN	\$1,00% \$1	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
See of Copiel Class of	### AND ### AN	Mediana Cast STORY ST	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Month State Annual Management of the State	Marie Mari	Methodox Cost	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
See of Copiel Class of	1000 104 Among Amo	Mediana Cast STORY ST	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Month State Annual Management of the State	Marie Mari	Methodox Cost	Tourisdants 1,300,963 2,205 205 405 80,409 500,961 82,767 84,409 77,071 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00

Additions and Retirement Project Number	s by Project (Replacement Project Catego Project Description	Pre-Accepted/Reclaceme	ent in-Service Date A	ddtions	Cost of Removals Salvaes	Retirement CIAC	Total Net	Associated <u>C</u>	legr Rate
	See A Company of the	Replacement Replacement	1,000,000 1,00	172,430 27,092 232,060 41,293 26,701 17,084 11,761 58,457 64,752 19,702 9,616 8,858 8,758	1.1		172,630 27,092 103,040 41,399 21,195 4411 12,598 56,176 52,699 20,309 (299) 4,041 846 (2,006) 8,525 7,639 5,571 1,029	342900 342900	1000% 1000%
R10-70Q1.20-P-0019 R10-70Q1.20-P-0016	TH Rework High Service Pump#17 Replace Motor on TH High Serv Pump	Ruplacement	12/29/20 1/28/21	26,701 17,084	4,218 - 2,721 - 1,643 -	4,112 - 8,227 - 14,313 - 265 - 15,025 - 15,026 - 1,066 - 6,708 - 9,915 - 2,989 - 860 - 1,654 - 2,622 -	21,195 AA13	311500 311500	1004 1004
R10-47Q1.21-P-0014 R10-47Q1.21-P-0014	Rebuilt Pump#1 at Allendale Booster Well 13 bearings, pump, dean DF well 15 pump replacement	Replacement Replacement Replacement	12/29/20 12/29/21 5/26/22	11,761 58,457 64,752	1,232 - 12,753 - 17,831 -	15,035 - 10,084 -	12,598 56,176 52,499	311500 307000 311500	3.77% 3.77% 3.00%
Rs0-47Q1.21-P-0020 Rs0-47Q1.20-P-0017 Rs0-47Q1.20-P-0016	HH well 11 rpl pump bowl/sec of pip 0F high service pump #2 HH high serv pump #2	Replacement Replacement Replacement	12/29/21 10/29/20 10/29/20	19,702 9,616 8,858	4,294 - 2,056 - 1,894 -	3,687 - 11,966 - 6,708 -	20,309 (292) 4,043	307000 311500 311500	3.77% 3.00% 3.00%
R10-47Q1.21-P-0019 R10-47Q1.20-P-0011 R10-47Q1.21-R-0011	Mac Allister generator batteries 06 Well #16 06 do yell mr MSB#1	Replacement Replacement Replacement Replacement	6/29/22 6/29/20 10/27/21	8,758	2,006 - 1,982 - 960 -	9,915 - 3,989 -	846 (2,006) 9 535	307000 312500	2.77% 3.00%
R10-47Q1.21-P-0009 R10-47Q1.22-P-0003	BBC repair backwash pump DF well 13 VFD Rpl	Replacement Replacement	5/26/21 4/28/22	8,525 7,426 6,643	4,218 - 2,721 - 1,642 - 1,222 - 1,753 - 1,752	1,454 - 2,622 -	7 629 5.571	\$12500 \$10500 \$1	10.00% 1.00%
R10-47Q1.22-P-0008 R10-47Q1.22-P-0018	Living Waters OF hypo pump Rotork parts for OF	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	5/26/22 6/28/22	2,127 2,348	487 - 522 -	498 - 937 -	2 116 1.932	311500 311500 32000	1.00% 2.50%
R10-90Q1-20-P-0020 R10-90Q1-20-P-0028	R.P. Backwash improvements RP HS6 Discharge Piping Replacement	Replacement Replacement	12/21/20 6/26/22	2,127 2,348 1,670 293,976 121,751 87,130 75,620 66,220 65,876	13,890 - 32,098 - 50,322 - 15,921 - 6,692 - 2,991 -	96,567	2 116 1.932 1.670 207,865 57,283 132,130 27,215 65,603 34,788	330000 394000 340000 404000 and 3 311000 511200 and 3 304000 311200	2.25% 3.35%
R10-90Q1.20-P-0011 R10-90Q1.21-P-0005 R10-90Q1.20-P-0059	Repl Basin Drain Pump-BP Low Service #3 CO Pump Rebuild Manual Transfer Switch Generator BP	Replacement Replacement Replacement Replacement	1/28/21 6/15/22 2/5/21	87,130 75,620 66,220	50,322 - 15,921 - 6,692 -	96,567 - 5,322 - 64,326 - 7,309 - 34,079 -	132,130 27,215 65,603	111500 111500 and 1 100800	2.88% 2.88%
Rs0-90Qt 20-P-0034 Rs0-90Qt 20-P-0029 Rs0-90Qt 21-R-0002	O.D. Backwash Pump 3 Actuator B.P. Replace Shaft and Bearings 87 Shorehate Sumn Berlanement	Replacement Replacement Replacement	11/5/20 11/24/20 9/13/21	65,876 64,895 60,917	2,991 - 40,670 - 1,996 -	34,079 - 7,183 -	24,788 78,382 42,703	311200 311500	1.00%
R10-90Q1-21-P-0007 R10-90Q1-20-P-0032 R10-90Q1-21-R-0031	S MGD HS Pump CD GSth & Miles. 83 Pump Seals NAM 13th & Janoines	Replacement Replacement Replacement Replacement Replacement	6/16/21 9/16/20 6/29/22	23,301 21,750 20,164	0,070 1,000	6,126 - 12,701 -	24,862 20,795 10,971	311200 311500	8.02% 5.02% 1.82% 8.02% 1.82% 1.82% 1.82% 1.22% 8.02% 1.22% 8.02% 1.22% 1.02% 1.22% 1.02% 1.22% 1.02% 1.22% 1.
R10-90Q1.20-P-0023 R10-90Q1.21-P-0054	B.P. 87 H.S. Actuator MLK Motor Bearing Rebuild	Replacement Replacement	12/30/20 5/17/22	17,378 16,865	15,705 - 1,300 -	4,124 - 13,701 - 2,538 - 12,725 - 6,597 -	20,545 5 440	311500 311200	1.00%
R10-90Q1.21-P-0016 R10-0116-20-P-0012	Rasin Pump Support and Drive Shaft Floc VFD Replacement Project	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	7/14/21 12/4/20	15,908 15,902	3,292 - 735 -	10,618	19,190 6 019	345000 346090	2.25% 6.67%
R10-90Q1.21-P-0008 R10-90Q1.20-P-0043 R10-90Q1.20-P-0036	Replace Bearings Blower CD Pre-Chlorine Booster Pump and Drive Turbidimeters - OD	Replacement Replacement Replacement	5/17/21 2/1/21 11/30/20	15,832 15,285 11,809	750 - 2,245 - 10,460 -	10,618 - 927 - 1,262 - 7,689 -	15,755 16,269 14,791	313500 313500 313500	3.25% 3.00% 3.00%
R10-90Q1.21-P-0009 R10-90Q1.21-P-0023 R10-90Q1.20-P-0028	Rapid Mix OD Motor Rebuild MLK Pump 2 Motor Refurb O.D. Recycler 36" Valve Step Replac	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	6/14/21 7/14/21 7/20/20	11,778 9,475 9,180	2,037 - 8,300 -	4,095 4,330	12,327 11,512 13,384	345000 345000 30800	2.25% 2.25% 3.75%
R10-90Q1-21-P-0028 R10-90Q1-20-P-0060	Recycle VFD Comm Replacements Pump 1 VFD Replacement Shorewood Soft Start 41st Carolina	Replacement Replacement Replacement	12/7/20 9/7/21 12/2/20	7,640 7,183 7,169	255 - 295 - 242 -	4,330 - 192 - 303 -	2.664 7.578 7.319	345000 345000 311200	2.25% 2.25%
R10-90Q1.20-P-0049 R10-90Q1.21-P-0033 R10-90Q1.21-P-0048	Check Valve Pump 2 Miller Packing Replacement OD Floc Rotork Actuator Replace OD Recycle	Replacement Replacement Replacement	2/5/21 9/7/21 6/12/22	6,726 6,370 5,750	309 - 306 - 671 -	303 -	6.722 6.674 2.977	311200 345000 366090	1.0% 2.2% 6.67%
R10-90Q1-20-P-0007 R10-90Q1-20-P-0031	Raw Water Turbidimeter - 8P 8.P. Fluoride/Ammonia Pumps	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	11/30/20 7/30/20	5,639 5,297		2,520 - 2,828 -	5.639 7.636	300000 311500	2.00% 3.00%
R10-90Q1.21-P-0029 R10-90Q1.21-P-0035	Replacement Vacuum Prime Ball Check Pump 2 41st Carolina Rebuild	Replacement Replacement	10/12/21 9/7/21	4,792 4,613	4,759		C 168 4.822	367000 369000	5.00% 2.25%
R10-90Q1_20-P-0054 R10-90Q1_20-P-0024	8P/IOD Analysers 8.P. Lab Analysers	Replacement Replacement	1/30/21 7/30/20	4,628 3,213	3,752	3,242 - 5,502 -	2.678 2.213	311500 34600	6.67% J. 67% J. 67% J. 67% J. 67% J. 67% J. 67% J. 68% J. 68% J. 68% J. 68% J. 68% J. 68% J. 69% J.
R10-60Q1.20-P-0037 R10-60Q1.20-P-0049 R10-45Q1.20-P-0004	Pressure Transducer Rpl Stony Crk B Wells 7 - 8 PLC Replace RW High Service Pump Replace Somerset	Replacement Replacement Replacement	10/28/20 1/22/21 8/26/20	4,224 4,079 23,343	28 - 224 - 1,840 - 2,224 - 1,840 - 2,707 - 2,427 - 2,650 - 1,775 - 2,222 - 1,015 - 1,015	3,975 - 1,235 -	4262 430 24,432	367000 323000 313200	3.00% 3.28% 3.88%
R10-85Q1.21-P-0011 R10-80Q1.21-P-0002 R10-80Q1.20-P-0002	Well pump replacements Wabash plant Filter 2 Actuators Filter 1 Actuators	Replacement Replacement Replacement Replacement Replacement	1/26/22 6/16/21 7/9/20	19,066 28,358 26,920	1,840 - 8,549 - 2,707 -	2,781 - 5,860 - 1,545 -	18,165 31,067 28,083	30000 32000 32000	3.22% 2.32% 2.32%
R10-80Q1.20-P-0003 R10-80Q1.20-P-0011 R10-80Q1.20-P-0008	HS 60 Motor Well 62 Pump & Pige Well #1Motor	Replacement Replacement Replacement	7/9/20 12/24/20 8/28/20	21,760 14,849 8,919	3,437 - 4,542 - 2,659 -	2,975 - 1,225 - 2,741 - 5,840 - 1,545 - 1,841 - 3,596 - 2,659 - 1,761 - 2,552 - 969 - 2,225 -	23,355 15,794 8,919	311500 307000 307000	3.77% 3.77%
R10-80Q1-20-P-0010 R10-80Q1-21-P-0005	Well #1 Pump Well #1 Motor	Replacement Replacement	12/24/20 8/12/21	7,822 7,350	1,775 - 2,233 -	1,761 - 2,553 -	7,836 7,030	307000 307000	2.77%
R10-80Q1.22-P-0006 R10-01Q1.21-P-0007	Fluoride Room Relocation NSG Clearwell Bypass (Zube)	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	6/23/22 Est 5/28/22	4,587 74,125	1,057		2.319 74,125	320000 320000	2.81% 2.81%
R10-85Q1.21-P-0010 R10-85Q1.20-P-0009	RPL Pump Well #3 RPL Water Line Chemical Feed Buildi	Replacement Replacement	10/25/21 12/29/20	13,200 10,549	2,101 - 486 -	354 - 5,530 - 5,931 - 3,218 - 3,602 - 3,767 -	9.771 S 104	311500 30E00	3.00% 3.22%
R10-85Q1.21-P-0010 R10-85Q1.21-P-0006	Well #1 Pump Replacement RPL Rackwash Meter	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	1/19/22 9/23/21	6,861 5,339	666 - 1,824 -	3,602 - 3,767 -	2.925 2.296	307000 323000	3.77% 3.77% 3.28%
R10-85Q1-22-P-0005 R10-85Q1-21-P-0009 R10-85Q1-20-P-0002	NEW Lab Spectrophotometer for water RPL Water Line Chemical Feed Bidg RPLEMuent Valve	Replacement Replacement Replacement	3/29/22 10/25/21 2/16/21	4,880 5,299 4,284	249 681	2,602 - 2,227 -	4 990 2.146 2.728	36/000 30/000 32/000	5.07% 3.22% 5.02%
R10-75Q1.19-P-0016 R10-75Q1.20-P-0010 R10-75Q1.20-P-0009	Replace 4 filter Flow control valve Charlestown Well field Electrical Atkins MCC	Replacement Replacement Replacement	11/1/20 2/1/21 11/1/20	44,985 9,0,817 13,0,817 13,0,817 13,0,818 12,224 15,0,0,818	1,674 - 47,793 -		79,880 4 (200 200 200 200 200 200 200 200 200 20	111000 1110000 1110000 1110000 1110000 1110000 1110000 1110000 11100000 11100000 11100000 111000000	5.67% 3.22% 6.67%
Rs0-SSQ1.22-P-000S Rs0-SSQ1.20-P-0022 Rs0-SSQ1.20-P-0007	New motor for well 1 East side WRE 2 new pump column and check val Replace WRE well 2 motor	Explacement	5/4/22 12/21/20 6/30/20	14,100	696 - 566 - 501 -	12,627 - 10,122 - 4,290 - 5,908 -	4 660 8.057 501	30E00 30E00	3.75% 3.75% 3.22%
R10-55Q1.21-P-0026 R10-55Q1.20-P-0012 R10-55Q1.21-R-0016	New pump for well 1 Sugar Creek London Rd well 4 pump repair New VSD for Martin Wall 5	Replacement Replacement Replacement	12/29/21 6/20/20 11/10/21	9,676	645 - 432 - 365 -	5,908 - 6,750 -	4212 432 1307	30E00 30E00	3.22% 3.22%
R10-55Q1.21-P-0024 R10-55Q1.21-P-0007	New motor for Marlin well S London Rd Well 3 Pump	Replacement Replacement	12/29/21 6/16/21	7,692 5,945 5,794	979 - 979 -	12,291		30(8)00 30(8)00	3.79% 3.22%
R10-55Q1.22-P-0019 R10-55Q1.21-P-0019	New west well 1 pump Repair 86 well pump	Replacement Replacement Replacement Replacement	3/1/22 12/29/21	5,068 4,527	245 - 215 -	2,186 - 2,802 - 4,697 - 682 - 3,791 - 5,002 -	2 128 1.940	30E00	1296 6476 1276 1276 1276 1276 1276 1276 1276 12
Rs0-65Q1.20-P-0011 Rs0-65Q1.20-P-0011 Rs0-65Q1.20-P-0012	Replace check valve well? WR East Replace High Service #3 at BRWTP Replace High Service #1 Motor at BR	Replacement Replacement Replacement	6/23/20 9/18/20 10/5/20	20,690 9,709	192 1,106 - 346 -	4,497 - 683 -	192 17,299 9,372	30E00 31300 31300	1.00% 1.00%
R10-65Q1.20-P-0017 R10-65Q1.20-P-0009 R10-25Q1.21-P-0011	Replace pump and column pipe on Well Replace Pump on Well #6 Low Service & G st Roads	Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement	2/16/21 10/5/20 12/9/21	7,609 6,310 23,780	592 - 345 - 2,321 -	3,791 - 5,002 -	4 2 10 1 6 5 3 2 6 1 0 1	311530 367000 30800	3.00% 3.00% 3.75%
R10-50Q1-20-P-0006 R10-50Q1-20-P-0006 R10-50Q1-20-P-0008	Replace Flow Meters at MCO at wells Replace Aerator Pipe MCO Aerator Replacement Tubing Liabilit	Replacement Replacement Replacement	11/5/20 9/29/20 12/29/20	31,862 12,315 11,173	3,009 - 1,146 - 1,141 -	284 - 4,661 - 654 - 343 - 124 - 156 - 8,208 -	24,587 9 001 11,659	307000 320000 311000	2.77% 2.82% 3.02%
R10-50Q1-21-P-0012 R10-50Q1-21-P-0009 R10-50Q1-23-B-0004	MCD WEllet for Pume/REal Column Pic 4" DeZurik Butterfly valves repl WA Rebuild Autor Effour on Aurotov	Replacement Replacement Replacement	11/30/21 9/29/21 5/15/12	8,134 3,460 3,579	817 - 346 - 365 -	343 - 124 -	8 607 2 682 2 799	X11500 X20100	3.00% 2.50%
Rs0-50Q1.22-P-0002 Rs0-70Q1.20-P-0022	New Auto Flusher for Hudrants at Monts Repl TH High Serv #17 starter w/VFD	Replacement Replacement	3/30/22 6/15/21	2,760 49,774	4,905	8,208	2 760 46,470	368000 313500	4.00% 3.00%
R10-70Q1.20-P-0004 R10-70Q1.21-P-0019	Repl 2 Rotork Actuator-CIS Influent Repl Peerless Pmp Shrine Hill Sistr	Explacement	8/14/20 12/30/21	5,068 4,127 6,068 4,127 7,069 8,070 12,780 1	2013 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8,854 - 211 - 3,162 - 1,166 -	2188 2188 2188 2188 2188 2188 2188 2188	Name	3.795 3.795 1.005 1.005 2.505 2.505 2.505 1.005
R10-70Q1.20-P-0011	Repl Ammonium Sulf Feed Pump#2 T.H. Repl Lift Station Pump TH Plant	Replacement Replacement	12/29/20 6/25/20	11,464	1,085	1,166	11,393	312530 312500	100% 100%
R10-70Q1.21-P-0018 R10-70Q1.20-P-0018 R10-70Q1.20-P-0015	Rpl aged Rotork Actuator /Basins 3& TH Repl rotork actuator for cell#1 Replace TH Lab Incubator	Replacement Replacement Replacement	12/1/21 12/29/20 11/2/20	10,514 9,765 8,045	1,050 - 996 - 765 -	1,050 - 492 - 4,717 - 165 - 190 -	10,514 10,267 4,092	345000 32000 34600	2.35% 2.35% 6.67%
R10-70Q1.22-P-0012 R10-70Q1.22-P-0002 R10-70Q1.22-P-0006	Repl Cla-Valve Farmenburg Rpl flow trans pressure filter #5 T Rpl damaged flouride tank trns pmp	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	9/10/20 3/30/22 4/29/22	5,729 2,667 1,572	592 - 252 - 160 -	190	6.146 2.529 1.732	355000 365000 367000	1.70% 6.67% 5.00%
R10-70Q1.22-P-0005 R10-70Q1.22-P-0016 R10-47Q1.21-P-0003	Spare trns prop for phosphate tanks New PAPR resp sys chang chior cylin DF Living waters OSEC il pack genera	Replacement Replacement Replacement	4/29/22 5/27/22 5/26/21	1,124 484 29,955	117 -		1.241 494 25.595	367000 367000 32000	5.00% 5.00% 2.50%
R10-47Q1.20-P-0015 R10-47Q1.20-P-0019 R10-47Q1.23-P-0004	DF Hypo Unit pack generator HH analyzer repl pump & parts Sollands installed at Water Salarma	Replacement Replacement Replacement	11/24/20 10/29/20 4/29/22	28,696 2,603 2,045	6,799 - 10,196 - 728 -	11,160	28,892 2 465 2 045	320000 312500	2.50% 3.00%
R10-72Q1.21-P-0002 R10-72Q1.20-P-0005	Repl mulf monet@raw wtr influent RW Riley WW Electrical upgrade/replace	Replacement Replacement Replacement Replacement	8/30/21 5/26/21	75,073 12,845	7,608 - 1,266 - 956 - 865 - 742 - 7,314 - 4,039 - 20,472 - 4,558 -	8,096 - 1,180 - 304 - 781 - 726 - 12,896 - 10,280 - 256 - 4,184 -	74,585 12,992	375000 334500	10% 12% 17% 17% 16% 17% 19% 17% 17%
R10-72Q1.20 P-0006 R10-72Q1.21 P-0008	Riley WW Repl Gear Box om Clarifler Repl Teledyne Isco S800 refridge RW	Replacement Replacement Replacement Replacement	12/29/20 2/23/22	8,632 7,278	865 - 742 -	791 - 726 -	8.717 7.285	383300 383300	199%
R10-90Q1.21-P-0018 R10-90Q1.20-P-0010	8P Low Service Actuators Coagulant Upgrade - 00	Replacement Replacement	12/15/21 11/24/20	88,191 51,904	4,029 - 20,472 -	10,290 - 256 -	81,949 82,121	345000 320000	2.25% 2.85%
R10-90Q1.21-P-0027 R10-90Q1.21-P-0027 R10-90Q1.20-P-0022	Shorewood PLC Replacement Rapid Mix Motor CID O.D. Residual Pumps	Replacement Replacement Replacement Replacement	2/9/21 7/14/21 11/24/20	49,177 9,950 9,030	8,033	4,194 - 2.664 -	48,551 9.950 13,398	368090 363000 313500	2.50% 6.67% 2.25% 8.67% 8.75% 2.50% 9.62%
R10-910(120-P-0010 R10-90Q1-20-P-0047 R10-10Q1-20-P-0062	Control Panel Removal and Installat Electrical Upgrade Replace Cloth Wi Carbon Exchange	Replacement Replacement Replacement Replacement	2/2/21 11/11/20 12/21/20	7,273 6,994 94,002	8.032 - 715 - 225 - 3,548 - 36,265 -	2,664 - 2,227 - 3,879 - 75,058 - 64 -	5.761 2.660 22,693	308090 30800 32000	8.07% 3.75% 2.35%
R10-10Q1.21-P-0047 R10-01Q1.19-P-0012 R10-60Q1.21-P-0014	Russiaville Media Replacement NOS/TER Well Electrolysis Investiga Backwash Pump & Motor Rol Wayne St	Replacement Replacement Replacement	12/21/21 10/26/20 3/24/22	58,051 127,047 45,456	36,265 - 1,284 -	27,820	94,251 127,047 18,921	322200 307000 311200	5.02% 2.77% 1.88%
R10-60Q1-20-P-0022 R10-60Q1-20-P-0016	Exterior Conduit Rela/Repl WRN WTF Filter 1 Eff Valve Rpl Wayne St WTF	Replacement Replacement Replacement Replacement Replacement	S/19/20 S/19/20		3,520	4,294	12,983	30E00 312500	3.77% 1.88% 8.22% 8.00% 8.00%
R10-60Q1.21-P-0016 R10-60Q1.21-P-0003	CL Scrubber Discharge Sensor Rpl WR RS Flow Meter Replace Connor St	Replacement Replacement	7/29/21 7/29/21 3/29/21	10,561 10,202	727 - 1,255 -		11,288 10,714	311500 320598 311500	2.00% 2.00%
R10-60Q1-21-P-0002 R10-60Q1-22-P-0010 R10-60Q1-21-P-0009	RW Well 8 VFD Replacement Wayne St WTF - Hypo Bidg RestRm Hea Well 8 Motor Replacement RW	Replacement Replacement Replacement Replacement Replacement	3/29/21 6/27/22 2/23/21	10,561 10,202 9,785 6,426 4,831 4,831	727 1,255 - 662 - 806 - 280 - 280 - 256 - 1,882 - 828 - 966 -	763 - 6,020 - 5,089 - 536 - 7,651 - 1,725 - 1,270 - 1,174 - 3,380 -	11,288 10,714 6,228 1,242 4,676 (2,640) (1,681) 2,967 2,722	311500 30E00 311200	3.22% 3.22%
R10-60Q1-21-P-0008 R10-60Q1-20-P-0028 R10-60Q1-20-P-0040	Well 4 Motor Replacement WR Childrine Booster Pump Replace WRN Pump 1 VFD Rpl Stony Creek RS	Replacement Replacement Replacement	2/23/21 6/24/20 9/28/20	4,821 3,445	254 - 1,882 -	7,651 - 1,735 - 1,370 -	(2,640) (1,491) 3,957	311200 312530 323000	1.00% 1.00%
Rs0-60Q1.20-P-0032 Rs0-60Q1.22-P-0011 Rs0-1111.20-P-0003	Packing Drain Rpl Screen Instit W 7, WRN Well #1 SE" Motor REPL Sheridan Lift Station Controls Uppr	Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement	7/29/21 2/29/21 2/29/21 6/27/22 2/23/21 5/23/21 6/24/20 9/28/20 8/26/20 5/25/22 2/25/21 6/15/21	2,691 180,304		1,176 - 2,380 -	2 722 197 180 304	311500 311500 382500	100% 100%
830-6001:22+0009 830-6001:21+0009 830-6001:20+0008 830-6001:20+0008 830-6001:20+0009 830-6001:20+0011 830-6001:20+0011 830-6001:20+0009 830-1101:20+0009 830-1101:20+0005 830-1101:20+0006	Plant Generator Replacement Sludge Beck Disease Improvement	Replacement Replacement Replacement	6/15/21 12/22/20 2/16/21	3,645 3,068 2,621 180,304 109,235 50,137 43,614	7,764 - 5,997 - 5,275 - 2,582 - 562 - 479 -	20,915 - 16,237 - 7,529 -	197 180,304 96,083 29,898 61,361	32028 31360 31360 3000 31300 31300 31360 31360 31360 31360 31360 31400 31400 31400	2.69% 1.00% 1.20% 1.29% 1.89% 1.00% 1.29% 1.00%
R10-11Q1-21-P-0002 R10-11Q1-21-P-0010 R10-11Q1-21-P-0013	Pump Removal & Replacement Sheridan WW RSPLC Sewage Lift Pump	Replacement Replacement Replacement	5/17/21 2/15/22	8,681 8,181 2,042	2,583 · 563 ·	59,288 - 2,071 -	(48,024) 6,674 3,275	375000 334200	3.72% 2.60%
	Valve Actuator REPLC Chlorine Room Heater	Replacement Replacement	8/16/21 3/3/22	3,073 2,737 2,292 30,368		827 - 827 -		380625 35/8000	6.98% 2.37%
R10-11Q1.22-P-0002 R10-11Q1.22-P-0003 R10-45Q1.21-P-0006 R10-45Q1.22-P-0006	Valve Actuator REPLC Chlorine Room Heater REPLC Lab Equipment Analysers Lagoon Valve Replacement Plant 1 Control Panel Rpl Office Generator	Replacement Replacement Replacement Replacement	3/3/22 3/3/22 7/23/21 6/27/22	1,129	807 - 285 - 7,008 - 11 -	534 - 616 -	2.307 2.578 36,842 523	85-0000 89-000 8115-80 80-000	2.576 6.676 5.006 5.605
R10-46Q1.20.P-0003 R10-46Q1.20.P-0007 R10-011.120.P-0011 R10-46Q1.20.P-0010	Repl. East Aeration blower motor Repl. Backflow P92 fill station Warsaw Fiber Modern Replacement	Replacement Replacement Replacement Replacement Replacement	5/7/20 11/16/20 2/25/21	6,510 5,858		2,607 - 605 - 4,078 -	6 137	311530 367000 32000	
R10-46Q1.20-P-0010 R10-01Q1.20-P-0005 R10-80Q1.21-P-0008	Rpi Backwash pump #1 VFD NBG NTDC Filter #1 Media Replacemen Potassium Permanganate Tank Scale	Replacement Replacement Replacement	10/15/20 6/9/20 10/28/21	5,036 5,368	4,236	4,078 - 2,490 -	2.650	311500 320200 30000	3.00% 2.30% 3.00% 8.40%
Rs0-01Q1.21-P-0002 Rs0-75Q1.19-P-0003 Rs0-01Q1.20-P-0016	NPGES Outfall Construction (Zubw) Charlestown Plant Electrical SIO Charlestown Flouride System	Replacement Replacement Replacement Replacement	Est 5/27/22 2/1/21 10/1/21	82,346 262,249 118,540	10,349 - 203,323 -	3,490 - 0 - 1,056 -	2,884 92,695 464,516 118,540 14,106 10,068 13,645 4,818	30800 30800 30800	2.08% 3.75% 2.08%
R10-75Q1.21-P-0006 R10-75Q1.20-P-0013	Binford VFD CL-17sc analyzers and Turbidimeter	Replacement Replacement Replacement Replacement	7/1/21 2/1/21	14,106 10,068	7,348		14,106 10,068	30800 36800	3.75% 6.67%
R10-01M1.21-P-0019 R10-55Q1.20-P-0020	Ligibout Vision segulated for Paractic Vision Segulated Franchis Vision Franchis Vision Segulated Franchis Vision Segulate	Replacement Replacement	7/16/21 12/18/20	5,858 5,036 5,858 82,366 362,249 118,540 14,106 8,362 4,818 48,396 48,007 26,861 10,100 4,734 4,553	2,320	1,966 - 39,206 - 39,206 - 23,714 - 6,609 - 2,822 - 6,398 -	4 8 1 8 11,410	\$12530 \$47000 \$2000 \$12000 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800	3.75% 3.22%
R10-55Q1.20-P-0018 R10-55Q1.20-P-0019	Repair work for Martin lighting str Replace New Whiteland booster pump/	Replacement Replacement Replacement Replacement	11/13/20 11/13/20	26,861 10,100	2,220 - 2,288 - 1,290 - 455 - 212 -	29,714 - 6,609 -	11,410 11,089 4 427 2.946 2.124 (1,845)	30E00 30E00	3.22% 3.22% 3.22%
R10-58Q1.20-P-0008 R10-58Q1.20-P-0003	Chemical Metering Pump Transfer Switch for Generator	Replacement Replacement Replacement Replacement	9/25/20 5/27/20	4,553		6,398	(1,845)	320088 311530	1.79% 1.68% 1.79% 1.68% 1.79% 1.62% 1.79% 1.29% 1.
R10-65Q1.20-P-0008 R10-65Q1.20-P-0008 R10-65Q1.21-P-0003	Replace New Whiteland booster pump/ Replace Instrumentation Lendon Nd Chemical Metering Pump Transfer Saleth for Generator Chiosine Probe Dapolius CC2 Free Replace Mack Wash Flow Meter Replaced Graw water Mag Meter Replaced Graw water Mag Meter Replaced Graw water Mag Meter Replaced Usering pump in RR Replaced Usering in RR Rep	Replacement Replacement Replacement	3/4/22 8/24/20 4/16/21	1,219 9,323 9,139	478 - 429 - 439 -	2,784 - 2,191 - 7,332 -	(1,086) 6 571 2 286 4 704 6 421 1 421 2 764 2 00,512 1 90,228 1 57,213 1 55,929 1 22,355 1 7,053 1 24,065 5 1,708 4 9,811 2 9,061	\$00000 \$2000 \$2000 \$11530 \$2000 \$0000 \$6000 \$6000 \$6000 \$6000 \$6000 \$6000	3.70% 5.70% 6.67%
R10-65Q1.21-P-0007 R10-65Q1.21-P-0008 R10-65Q1.21-P-0009	Replaced fluoride pump at BR Replaced fluoride sensor, card, ante Replace bulk fuel level sensor et B	Replacement	7/28/21 9/1/21 11/15/24	4,727 4,653 2,256	429 - 429 - 44 - 709 - 400 - 179 - 19,885 - 17,579	1,848	A 701 C 461 4 CA3	308090 308090 308090	1701 6476 6476 6476 6476 1706 6476 6476
R10-65Q1.22-P-0006 R10-15Q1.20-P-0016 R10-15Q1.20-P-0016		Replacement Replacement Replacement	\$/2/22 12/23/20	2,585 190,147	179 - 19,385 -		2.764 209,532	30800 30800	1.75% 6476
R10-15Q1-22-P-0008 R10-15Q1-21-P-0007	Muncie GAC 2022 2nd Lab Renovation	Replacement Replacement	5/25/22 11/18/21	157,313 141,790	14,148		157,313 155,929	335300 30800	8.62% 3.75%
R10-15Q1.20-P-0002 R10-15Q1.20-P-0002 R10-01Q1.21-P-0003	Muncle GAC Exchange MUN Tank Access Safety	Auplacement Replacement Replacement	4/20/21 6/6/20 1/28/22	127,360 4,664 128,514	12,868 - 12,389 -	11,872 - 4,669 - 3,791 -	178,355 17,053 124,045	820200 820200 800800	3.75% 2.31% 8.42% 2.48%
#20-15Q1.20-P-0005 R20-15Q1.20-P-0002 R20-15Q1.20-P-0008	Fence row cleanout and replace Upgrade Lab Equipment	Replacement Replacement Replacement Replacement	12/16/21 12/23/20 10/22/20	50,579 45,203 26,418	4,920 - 4,608 - 2,623 -		\$1,708 49,811 29,041	\$2000 \$0800 \$2000 \$2000 \$0800 \$2000 \$0800 \$6800 \$1100	3.70% 8.70% 6.67%
R30-15Q1.21-P-0010 R30-15Q1.21-P-0018 R30-15Q1.21-P-0022	upgate Floculator and Gear Boxes Clear Well Monitoring Upgrades Basin Algae Control System	Replacement Replacement Replacement Replacement Replacement	9/2/21 12/2/21 11/18/21	24,776 22,305 19,040	14,148 - 12,868 - 12,389 - 4,608 - 2,622 - 2,521 - 2,228 - 1,909 -	1,426	22,890 24,533 19,523	811900 868000 820100 80800	8.676 2.326
R10-01Q1.20-P-0014 R10-25Q1.21-P-0004 R10-25Q1.21-P-0002	RiC Tank Access Safety Analyzer & Equipment HS Building Improvements	Replacement Replacement Replacement	11/10/21 12/30/21 12/30/21	171,698 54,118 43,323	8,461 - 6,870 -		171,698 62,578 45,596		1.0% 6.6% 3.2%
120-246(1) 24-260(1) 24-26	Initial is Libbo Values and Artist Minister GAC 2012 2014 Lab Association Annual Muncie GAC Cachange Muncie GA	Replacement Replacement Replacement Replacement	11/16/09 12/17/20 12/17/20 12/17/20 14/	1,219 9,229 4,452 2,006 2,505 172,669 177,812 814,700 172,800 173,800 173,800 174,800 175,814 185,202 26,418 185,203 26,418 185,203 26,418 185,203 271,609 171	8,661 6,870 5,785 811 3,625	4,596 - 111 - 34,699 - 6,135 -	29,041 22,890 24,533 19,523 171,698 62,578 45,596 41,428 (1,124) 20,865	80600 80600 83600 83700	2.60% 2.80% 2.77%
R10-25Q1.20 P-0012 R10-0112-21-P-0002 R10-25Q1.21-P-0009	Analizer Richmond Scada Improvements Carbon Sahaust	Replacement Replacement Replacement	12/23/20 12/30/21 12/29/21	13,848 12,792 8,723 6,404,551	1,242 - 2,002 - 1,285 - 957,650 -	- 11	15,090 14,794 10,108 6,275,522	36/000 360/23 30/800	2.10% 8.79% 6.67% 1.00% 6.67% 1.10% 1.40% 8.27% 8.27% 2.60% 1.10% 1.77% 6.67% 2.60% 1.77% 6.60% 1.77%
			Grand Total	6.404.551	957.650 -	1096.679	6275522		

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of SEI Water Revenue Requirement

Line		Eligible for	Pre-Approved Plan	Replacement	
Number	Description	Property Taxes	Investments	Investments	Total
1	Water Plant Additions Subject to SEI (From Sch-5 and Sch-9):	*	\$45,051,785	\$6,404,551	\$51,456,336
2	Less: Water Retirements (From Sch-5 and Sch-9):	*	1,699,681	1,086,679	2,786,359
3	Plus: Cost of Removal (Cost of Removal less Salvage) (From Sch-5 and Sch-9):	*	224,231	957,650	1,181,880
4	Plus: PISCC, Deferred Depreciation, Deferred Property Tax Reg Asset		1,699,931	1,903,724	3,603,655
5	Net Investor Supplied Water SEI Additions (Line 1 - Line 2 + Line 3 - Line 4):		\$45,276,266	\$8,179,246	\$53,455,512
6					
7	Pre-Tax Rate of Return (From Attachment GDS-1 Schedule 13):		7.74%	7.74%	7.74%
8	Pre-Tax Return on Additions (From Sch-5 and Sch-9):		\$3,503,136	\$632,848	\$4,135,984
9					
10	Property Taxes on Water SEI Additions (From Sch-5 and Sch-9):		\$955,223	\$171,361	\$1,126,584
11					
12	Depreciation on Water SEI Additions (From Sch-5 and Sch-9):		\$1,038,504	\$300,512	\$1,339,016
13	Amortization of Deferred Asset		\$43,820	\$76,368	\$120,188
14			\$1,082,324	\$376,880	\$1,459,204
15					
16	Total SEI Revenues to Determine SEI Per Meter Rate (Line 8 + Line 11 + Line 13):		\$5,540,683	\$1,181,089	\$6,721,772
17					

18

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Calculation of SEI Charge

Calculation of SEI Fixed Charge Rate Based on Meter Size Using Meter Billing Units for the Twelve Months Ended October 31, 2022

		Meter Billing Units by Meter Size	AWWA Equivalent		Annualized SEI	Pre-Approved		
		For the 12 Months	Meter Flow-	Meter	Revenue	Plan Investments	Replacement Investments	Total
Line	Meter Size	Ended 10/31/2022	Based Ratio	Equivalents	All Projects	Meter Size	Meter Size	Meter Size
Line	Wieter Size	Lilueu 10/31/2022	baseu natio	Equivalents	All Projects	Wieter 3ize	Wieter Size	Weter Size
1	SEI Revenue (I	Per Line 15 of Attachme	nt GDS-1, Schedul	e 1):		\$5,540,683	\$1,181,089	\$6,721,772
2	80% of the Re	venue Rider, with 20% b	eing held in a Reg	ulatory Asset		\$ 4,432,546	\$ 944,872	\$ 5,377,418
3	Monthly Rate	per Equivalent 5/8" Me	ter (Total Revenu	e/Total Meter Equiva	llents):	\$0.91	\$0.19	\$1.11
	Illustration of	potential rates						
4	5/8"	3,590,811	1.0	3,590,811	\$3,983,452.50	\$0.91	\$0.19	\$1.11
5	3/4"	4,829	1.5	7,244	8,035.55	1.37	0.29	1.66
6	1"	131,703	2.5	329,259	365,261.77	2.29	0.49	2.77
7	1 1/2"	17,069	5.0	85,347	94,678.93	4.57	0.97	5.55
8	2"	68,506	8.0	548,048	607,975.40	7.32	1.56	8.87
9	3"	5,872	15.0	88,087	97,718.76	13.72	2.92	16.64
10	4"	3,366	25.0	84,156	93,358.03	22.86	4.87	27.73
11	6"	1,546	50.0	77,283	85,733.05	45.72	9.75	55.47
12	8"	348	80.0	27,806	30,846.04	73.15	15.59	88.75
13	10"	72	130.0	9,337	10,357.74	118.87	25.34	144.22
14	12"	0	215.0	0	-	\$196.60	\$41.91	\$238.51
15	Total	3,824,123	_	4,847,376	\$5,377,417.76	-		
16 17	20% of the Re	venue Rider being held i	n a Regulatory As	set		\$ 1,108,137	\$ 236,218	\$ 1,344,354

Note: The American Water Works Association (AWWA) standard Equivalent Meter Flow-Based Ratio is used at the basis for calculation. For example, the safe operating capacity of a 5/8 inch meter is 20 gallons per minute, which is used as the base ratio of 1.0. In contrast to this, a two inch meter has a safe operating capacity of 160 gallons per minute. Thus, on a continuity basis, a two inch meter is the equivalent of eight 5/8 inch meters, and thus the equivalent flow ratio for a two inch meter is 8.0.

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of Depreciation for SEI Projects

Line Number	Account Number	Account Description	SEI Additions	Less: Retirements	Net SEI Additions	Weighted Avg Depreciation Rate	Depreciation Expense
1							
2							
3		Pre-Approved Investments	45,051,785	1,699,681	43,352,104	2.37%	1,026,710
4		Replacements Investment	6,404,551	1,086,679	7,491,229	3.97%	297,099
2							
3		Grand Total:	\$51,456,336	\$2,786,359	\$50,843,333	_	\$1,323,809

Attachment GDS-1 Schedule 4

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Property Taxes Based on 2021 Property Taxes Payable in 2022 Property Taxes Calculation for All Investments

Indiana Property Taxes
(Indiana - American Water Co.)

	2021 Payable in 2022				
Current Parcel	May 10th	Nov. 13th	Total Payment	Total Assessment	Tax Rate
Pre-Approved Plan Investments	3,590,020	1,383,040	2,769,155	86,194,340	3.21%
Replacement Investments	294,887	294,679	589,566	21,838,822	2.70%
	3,884,907	1,677,719	3,358,721	108,033,162	3.11%
			We	eighted Average	3.11%

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Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of SEI Water Revenue Requirement

Southern Filter

			Backwash			Northwest Borman	
			Residuals	Mooresville	Charlestown	Park Chlorine and	
Line		Eligible for	Management	Filtration	Filtration	Chemical Storage	
Number	Description	Property Taxes	Improvements	Improvements	Improvements	Improvements	Total
1	Water Plant Additions Subject to SEI (From Attachment SSH-1):	*	\$2,668,685	\$21,660,651	\$13,033,278	\$7,689,171	\$45,051,785
2	Less: Water Retirements (From Attachment SSH-1):	*	4,037	508,863	795,286	391,495	\$1,699,681
3	Plus: Cost of Removal (Cost of Removal less Salvage) (From Attachment SSH-1):	*	\$49,500	\$47,801	\$79,078	\$47,852	\$224,231
4	Plus: PISCC, Deferred Depreciation, Deferred Property Tax Reg Asset		186,887	867,156	397,316	248,572	\$1,699,931
5	Net Investor Supplied Water SEI Additions (Line 1 - Line 2 + Line 3 - Line 4):	-	\$2,901,035	\$22,066,745	\$12,714,386	\$7,594,100	\$45,276,266
6		-					,
7	Pre-Tax Rate of Return (From Attachment GDS-1 Schedule 13):		7.74%	7.74%	7.74%	7.74%	7.74%
8	Pre-Tax Return on Additions (Line 5 X Line7):	-	\$224,460	\$1,707,359	\$983,743	\$587,574	\$3,503,136
9		-					
10	Weighted Avg Property Tax Muni Rate (From Attachment GDS-1 Schedule 8):		3.00%	1.33%	2.59%	3.58%	3.23%
11	Property Taxes on Water SEI Additions (Lines 1-3 X Line10):	-	\$82,269	\$284,883	\$322,207	\$265,864	\$955,223
12		-					,
13	Depreciation on Water SEI Additions (From Attachment GDS-1 Schedule 7):		\$2,691	\$608,837	\$276,844	\$150,132	\$1,038,504
14	Amortization of Deferred Asset		\$4,758	\$24,960	\$8,988	\$5,114	\$43,820
15		-	\$7,448	\$633,798	\$285,832	\$155,246	\$1,082,324
16							
17	Total SEI Revenues to Determine SEI Per Meter Rate (Line 8 + Line 11 + Line 13):	_	\$314,177	\$2,626,039	\$1,591,782	\$1,008,684	\$5,540,683

Indiana-American Water Company Calculation of SEI Charge Cause No. 45609 SEI-1 2022

Calculation of SEI Fixed Charge Rate Based on Meter Size Using Meter Billing Units for the Twelve Months Ended October 31, 2022

		Meter Billing	AWWA		. "	. ,			mated close dat	•	hange)
		Units by Meter Size	Equivalent		Annualized SEI	110-75001	-	110-580004	110-750020	110-900049	T-4-1
	N4-4 C'	For the 12 Months	Meter Flow-	Meter	Revenue	SEI Charge	•	SEI Charge by	SEI Charge by	SEI Charge by	Total
Line	Meter Size	Ended 10/31/2022	Based Ratio	Equivalents	All Projects	Meter Siz	9	Meter Size	Meter Size	Meter Size	Meter Size
1	SEI Revenue (Per Line 15 of Attachmer	nt GDS-1, Schedu	le 5):		\$314,1	77	\$2,626,039	\$1,591,782	\$1,008,684	\$5,540,683
2	80% of the Re	venue Rider, with 20% b	eing held in a Re	gulatory Asset		\$ 251,3	12	\$ 2,100,831	\$ 1,273,426	\$ 806,947	\$ 4,432,546
3	Monthly Rate	per Equivalent 5/8" Met	ter (Total Revenu	ie/Total Meter	Equivalents):	\$0.0)5	\$0.43	\$0.26	\$0.17	\$0.91
	Illustration of	potential rates									
4	5/8"	3,590,811	1.0	3,590,811	\$3,283,516.01	\$0.0)5	\$0.43	\$0.26	\$0.17	\$0.91
5	3/4"	4,829	1.5	7,244	6,623.61	0.0	8(0.65	0.39	0.25	1.37
6	1"	131,703	2.5	329,259	301,081.26	0.:	L3	1.08	0.66	0.42	2.29
7	1 1/2"	17,069	5.0	85,347	78,042.80	0.3	26	2.17	1.31	0.83	4.57
8	2"	68,506	8.0	548,048	501,147.43	0.4	1	3.47	2.10	1.33	7.32
9	3"	5,872	15.0	88,087	80,548.49	0.	78	6.50	3.94	2.50	13.72
10	4"	3,366	25.0	84,156	76,953.99	1.3	30	10.83	6.57	4.16	22.86
11	6"	1,546	50.0	77,283	70,668.81	2.	9	21.67	13.14	8.32	45.72
12	8"	348	80.0	27,806	25,426.05	4.:	.5	34.67	21.02	13.32	73.15
13	10"	72	130.0	9,337	8,537.77	6.	74	56.34	34.15	21.64	118.87
14	12"	0	215.0	0	-	\$11.	L5	\$93.18	\$56.48	\$35.79	\$196.60
15	Total	3,824,123	<u> </u>	4,847,376	\$4,432,546.22	-					
16	=		=			=					
17											
18	20% of the Re	venue Rider being held i	n a Regulatory A	sset		\$ 62,83	35	\$ 525,208	\$ 318,356	\$ 201,737	\$ 1,108,137
19											

Note: The American Water Works Association (AWWA) standard Equivalent Meter Flow-Based Ratio is used at the basis for calculation. For example, the safe operating capacity of a 5/8 inch meter is 20 gallons per minute, which is used as the base ratio of 1.0. In contrast to this, a two inch meter has a safe operating capacity of 160 gallons per minute. Thus, on a continuity basis, a two inch meter is the equivalent of eight 5/8 inch meters, and thus the equivalent flow ratio for a two inch meter is 8.0.

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of Depreciation for SEI Projects

Line Number	Account Number	Account Description	SEI Additions	Less: Retirements	Net SEI Additions	Depreciation Rate	Depreciation Expense
1	110-750014	SIOTC Backwash Improvements					
2	304200	Struct & Imp Pumping	\$0	\$0	\$0	2.63%	\$0 *
3	304300	Struct & Imp WT	109,722	4,037	105,685	2.52%	2,660 **
4	305000	Collect & Impounding	0	0	0	1.24%	0
5	311200	Pump Equipment Electric	0	0	0	1.39%	0
6	320191	WT Equipment Filter Plant Piping (IN)	0	0	0	2.69%	0
7 8	320100 346190	WT Equipment Remote Control & Instrument	2,558,963 0	0	0	2.31% 6.67%	0
9	340190	Sub-Total:	\$2,668,685	\$4,037	\$105,685	2.52%	\$2,660
10	110-580004	MOR Filtration Plant	72,000,003	Ş 4 ,037	\$105,005		72,000
11	303400	Land and Land Rights WT	\$0	0	\$0	0.00%	\$0
12	304100	Struct & Imp Supply	(747)	22,613	(23,360)	3.22%	(752)
13	304200	Struct & Imp Pumping	(1,494)	47,974	(49,468)	2.63%	(1,303) *
14	304300	Struct & Imp WT	(4,481)	74,589	(79,071)	2.52%	(1,990) **
15	304400	Struct & Imp T&D	(1,867)	6,488	(8,355)	2.77%	(231)
16	304500	Struct & Imp General	(5,228)	48,724	(53,953)	3.75%	(2,023)
17	304600	Struct & Imp Offices	(747)	12,707	(13,453)	3.66%	(492)
18	304700	Struct & Imp Store,Shop,Garage	0	0	0	2.08%	0
19	304800	Struct & Imp Misc	(373)	10,203	(10,576)	1.45%	(153)
20 21	304610	Supply Mains	2,730,857	0	2,730,857	3.69% 1.42%	100,769
21	309000 311300	Supply Mains Pumping Equipment	(747) (373)	9,372 1,016	(10,119)	4.39%	(144) (61)
23	311500	Pumping Equipment	(373)	976	(1,390) (1,349)	3.00%	(40)
24	311530	Tumping Equipment	2,135,200	0	2,135,200	3.00%	64,056
25	320192		4,997,012	0	4,997,012	2.69%	134,420
26	334130	Electric meter	(373)	7,113	(7,486)	4.48%	(335)
27	334300	Vault	(373)	6,273	(6,646)	2.93%	(195)
28	340230	Comp & Periph Equip	(2,241)	15,966	(18,207)	20.00%	(3,641)
29	340325	Software	(1,120)	24,691	(25,811)	20.00%	(5,162)
30	307000	Wells & Springs	(373)	3,000	(3,373)	2.77%	(93)
31	310000	Power Generation Equip	0	0	0	2.28%	0
32	311200	Pump Equipment Electric	(2,988)	83,620	(86,608)	1.39%	(1,204)
33	311520	Pump Eqp SOS & Pumping	(2,241)	29,574	(31,815)	3.00%	(954)
34 35	320100 320190	WT Equipment Set Rasin Clear Well	2,318,128	38,641 0	2,279,487	2.31% 2.69%	52,656 82,903
36	320190	WT Equipment Set Basin, Clear Well WT Equipment Filter Plant Piping (IN)	3,081,883 5,432,446	0	3,081,883 5,432,446	2.69%	146,133
37	320191	WT Equipment Chemical Feed (IN)	753,678	23,958	729,720	2.69%	19,629
38	320200	WT Equipment Filter Media	246,551	0	246,551	9.40%	23,176
39	340100	Office Furniture & Equip	(1,867)	3,470	(5,338)	5.00%	(267)
40	343000	Tools,Shop,Garage Equip	(2,614)	3,701	(6,315)	4.00%	(253)
41	344000	Laboratory Equipment	(1,120)	3,320	(4,441)	6.67%	(296)
42	345000	Power Operated Equipment	0	0	0	2.25%	0
43	346190	Remote Control & Instrument	(1,867)	29,132	(31,000)	6.67%	(2,068)
44	347000	Misc Equipment	(1,494)	\$1,741	(3,235)	5.00%	(162)
45		Sub-Total:	\$21,660,651	\$508,863	\$21,151,789	2.85%	\$601,923
46	110-750020	SIO Charlestown WTF Improvements	44	4			4 **
47	304300	Struct & Imp WT	\$214,335	\$185,535	\$28,800	2.52%	\$725 **
48	303200		\$261,156	\$0 \$0	\$261,156	0.00%	\$0 \$0
49 50	303600 310000	Power Generation Equip	\$1,065 0	\$0 0	\$1,065 0	0.00% 2.28%	\$0 0
51	311200	Pump Equipment Electric	49,766	9,230	40,536	1.39%	563
52	311530	Pump Eqp Wtr Treatment	17,081	311,135	(294,054)	3.00%	(8,822)
53	320100	rump Eqp Treatment	12,408,942	0	12,408,942	2.31%	286,647
54	320190	WT Equipment Set Basin,Clear Well	0	0	0	2.69%	0
55	320191	WT Equipment Filter Plant Piping (IN)	31,015	0	31,015	2.69%	834
56	320193	WT Equipment Chemical Feed (IN)	6,688	89,516	(82,828)	2.69%	(2,228)
57	320200	WT Equipment Filter Media	4,550	0	4,550	9.40%	428
58	304800		0	21,540	(21,540)	1.45%	(312)
59	304500		0	178,329	(178,329)	3.75%	(6,687)
60	340100		1,649	0	1,649	5.00%	82
61	344000	Laboratory Equipment	606	0	606	6.67%	40
62 63	346190	Remote Control & Instrument	36,425	¢705.296	36,425	6.67%	2,430
63 64	110 000040	Sub-Total:	\$13,033,278	\$795,286	\$12,237,992	2.24%	\$273,700
64 65	303400	NWI BP Chlorine Improvements Land and Land Rights WT	\$0	\$0	\$0	0.00%	\$0 \$0
UJ.	303200	East and East Nights W	\$808,398	\$0 \$0	\$808,398	0.00%	\$0 \$0 \$0 ##
	320100		\$6,880,772	\$3,075	\$6,877,697	2.31%	\$158,875
66	304300	Struct & Imp WT	0	0	0	2.52%	0 **
67	311200	Pump Equipment Electric	0	0	0	1.39%	0

68	320193	WT Equipment Chemical Feed (IN)	0	388,419	(388,419)	2.69%	(10,448)
69	346190	Remote Control & Instrument	0	0	0	6.67%	0
70		Sub-Total:	\$7,689,171	\$391,495	\$7,297,676	2.03%	\$148,427
71	I10-700014	TER Mecca East Pressure Zone Impr					
72	303400	Land and Land Rights WT	\$0	\$0	\$0	0.00%	\$0
73	304200	Struct & Imp Pumping	0	0	0	2.63%	0
74	304400	Struct & Imp T&D	0	0	0	2.77%	0
75	310000	Power Generation Equip	0	0	0	2.28%	0
76	311200	Pump Equipment Electric	0	0	0	1.39%	0
77	311500	Pump Eqp Other	0	0	0	3.00%	0
78	311540	Pump Eqp T&D	0	0	0	3.00%	0
79	331001	TD Mains Not Classified	0	0	0	1.70%	0
80	331200	TD Mains 6in to 8in	0	0	0	1.70%	0
81	346190	Remote Control & Instrument	0	0	0	6.67%	0
82		Sub-Total:	\$0	\$0	\$0		\$0
83				•			
84		Grand Total:	\$45,051,785	\$1,699,681	\$40,793,141	2.52%	\$1,026,710

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of Depreciation Rate for 304200 and 304300

Line Number	Subsidiary Account	Account Description	NARUC Account	Utility Plant In Service Per Books 12/31/2016	Proposed Annual Depreciation Rate	Total Proposed Depreciation Expense
9	304200	Struct & Imp Pumping - Johnson County	304.20	4,058,379.00	2.62%	106,430.00
10	304200	Struct & Imp Pumping - Carter Street	304.20	3,598,452.59	2.59%	93,045.00
11	304200	Struct & Imp Pumping - Northwest	304.20	9,875,306.79	2.82%	278,199.00
12	304200	Struct & Imp Pumping - Hertzsch and Babb	304.20	2,870,781.64	2.69%	77,342.00
13	304200	Struct & Imp Pumping - Other	304.20	5,459,573.70	2.31%	126,158.00
14				25,862,493.72	2.63%	681,174.00 *
15				-		
16	304300	Struct & Imp WT - Johnson County	304.30	5,688,776.95	2.45%	139,203.00
17	304300	Struct & Imp WT - Carter Street	304.30	5,211,502.87	2.85%	148,482.00
18	304300	Struct & Imp WT - White River and Buck Creek	304.30	4,853,731.80	3.22%	156,289.00
19	304300	Struct & Imp WT - Northwest	304.30	20,372,644.68	2.39%	486,829.00
20	304300	Struct & Imp WT - Middle Fork and Main Station	304.30	4,052,722.77	2.69%	108,973.00
21	304300	Struct & Imp WT - Hertzsch and Babb	304.30	13,002,029.38	2.50%	325,613.00
22	304300	Struct & Imp WT - Warsaw	304.30	4,587,342.60	2.53%	116,275.00
23	304300	Struct & Imp WT - West Lafayette	304.30	8,282,595.53	2.51%	208,212.00
24	304300	Struct & Imp WT - Other	304.30	6,387,283.92	2.08%	133,220.00
25				72,438,630.50	2.52%	1,823,096.00 **

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge

Property Taxes Based on 2021 Property Taxes Payable in 2022

Indiana Property Taxes
(Indiana - American Water Co.)

1 - County 2 - Township 4 - School Property Taxes Calculation for Pre-Approved Plan Investments onl

		5 - Other					2	021 F	Payable in 2022		
County	Municipality	Tax Type:		Map Location	Current Parcel	May 10th	Nov. 13th	Т	Total Payment	Tot	tal Assessment
Clark	Jeffersonville City	1, 2, 4	P Prop	19-50000-1341	10-009-7410	\$ 4,998.45	\$ 4,998.45		9,996.90	\$	333,230.00
Clark	Jeffersonville City-I.F.W.	1, 2, 4	P Prop	19-51000-1660	10-010-7410	\$ 43,855.20	\$ 43,855.20	\$	87,710.40	\$	2,923,680.00
Clark	Jeffersonville City-O.F.W.	1, 2, 4	R	19-00006-0851	10-19-01-100-347.000-009	\$ 34,548.00	\$ 34,548.00	\$	69,096.00	\$	2,303,200.00
Clark	Jeffersonville City-I.F.W.	1, 2, 4	R	19-00031-0300	10-19-00-101-234.000-010	\$ 904.50	\$ 904.50	\$	1,809.00	\$	60,300.00
Clark	Jeffersonville City-O.F.W.	1, 2, 4	R	19-00053-0341	10-19-00-301-248.000-009	\$ 7,263.00	\$ 7,263.00	\$	14,526.00	\$	484,200.00
Clark	Jeffersonville City-O.F.W.	1, 2, 4	R	19-00114-0031	10-19-01-200-677.000-009	\$ 217.00	\$ 217.00	\$	434.00	\$	21,700.00
Clark	Jeffersonville City-O.F.W.	1, 2, 4	R	19-00114-0731	10-19-00-400-078.000-009	\$ 6,420.00	\$ 6,420.00	\$	12,840.00	\$	428,000.00
						\$ 98,206.15	\$ 98,206.15	\$	196,412.30	\$	6,554,310.00
Morgan	Mooresville Town	1, 2, 4	P Prop	021-85-00-000-018-	0(55-105-00150-85	\$ 18,351.20	\$ 18,351.20	•	36,702.40	\$	2,762,590.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-25-340-006-	0(55-01-25-340-006.000-005	\$ 201.94	\$ 201.94	\$	403.88	\$	30,400.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-235-009-	0(55-01-35-235-009.000-005	\$ 7.31	\$ 7.31		14.62	\$	1,100.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-235-010-	0(55-01-35-235-010.000-005	\$ 19.93	\$ 19.93	\$	39.86	\$	3,000.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-001-	0(55-01-35-280-001.000-005	\$ 45.17	\$ 45.17	\$	90.34	\$	6,800.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-002-	0(55-01-35-280-002.000-005	\$ 1,434.83	1,434.83	\$	2,869.66	\$	216,000.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-004-	0(55-01-35-280-004.000-005	\$ 9.30	\$ 9.30	\$	18.60	\$	1,400.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-005-	0(55-01-35-280-005.000-005	\$ 14.62	\$ 14.62	\$	29.24	\$	2,200.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-006-	0(55-01-35-280-006.000-005	\$	\$ 37.20	\$	74.40	\$	5,600.00
						\$ 20,121.50	\$ 20,121.50	\$	40,243.00	\$	3,029,090.00
Clark	Charlestown		P Prop			\$ 174,776.09	\$ 174,776.09	\$	349,552.18	\$	13,515,890.00
						\$ 174,776.09	\$ 174,776.09	\$	349,552.18	\$	13,515,890.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0037-0013	45-08-07-280-001.000-004	\$ 2,813.82	\$ 2,813.82	\$	5,627.64	\$	146,200.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0050-0029	45-08-10-436-002.000-004	\$ 3,481.69	\$ 3,481.69	\$	6,963.38	\$	183,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0052-0013	45-08-11-302-005.000-004	\$ 11,710.15	\$ 11,350.15	\$	23,060.30	\$	625,500.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0052-0022	45-08-11-302-003.000-004	\$ 6,459.76	\$ 6,099.76	\$	12,559.52	\$	330,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0052-0023	45-08-11-302-004.000-004	\$ 10,240.83	\$ 9,880.83	\$	20,121.66	\$	543,000.00
Lake	Gary-Calumet	1, 2, 4	R	(0 45-08-20-476-005.000-003	\$ 3,231.00	\$ 2,871.00	\$	6,102.00	\$	177,400.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0145-0025	45-03-26-351-001.000-004	\$ 632.09	\$ 632.09	\$	1,264.18	\$	23,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-41-0080-0007	45-09-06-305-005.000-004	\$ 706.89	\$ 706.89	\$	1,413.78	\$	27,900.00
Lake	Gary-Calumet	1, 2, 4	R	25-42-0249-0001	45-08-27-161-001.000-004	\$ 759.57	579.57	\$	1,339.14	\$	31,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-43-0041-0002	45-08-09-476-001.000-004	\$ 2,201.16	\$ 2,201.16	\$	4,402.32	\$	111,800.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0055-0002	45-08-04-407-003.000-004	\$ 12,089.27	\$ 12,089.27	\$	24,178.54	\$	667,000.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0003	45-08-04-430-003.000-004	\$ 93.83				\$	5,100.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0004	45-08-04-430-004.000-004	\$ 93.83	\$ 93.83	\$	187.66	\$	5,100.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0005	45-08-04-430-005.000-004	\$ 68.89	\$ 68.89	\$	137.78	\$	3,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0006	45-08-04-430-006.000-004	\$ 68.89	\$ 68.89	\$	137.78	\$	3,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0007	45-08-04-430-007.000-004	\$ 68.89	\$ 68.89	\$	137.78	\$	3,700.00

Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0008	45-08-04-430-008.000-004	\$ 63.55	\$ 63.55	\$ 127.10	\$ 3,400.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0010	45-08-04-430-011.000-004	\$ 63.08	\$ 63.08	\$ 126.16	\$ 2,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0011	45-08-04-430-018.000-004	\$ 1,045.28	\$ 1,045.28	\$ 2,090.56	\$ 46,900.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0020	45-08-04-430-009.000-004	\$ 8.00	\$ 3.00	\$ 11.00	\$ 100.00
Lake	Gary-Calumet	1, 2, 4	R	25-46-0046-0007	45-09-06-303-006.000-004	\$ 901.03	\$ 901.03	\$ 1,802.06	\$ 38,800.00
Lake	Gary-Calumet	1, 2, 4	R	25-46-0341-0024	45-08-21-479-012.000-004	\$ 1,273.49	\$ 913.49	\$ 2,186.98	\$ 39,500.00
Lake	Gary-Calumet	1, 2, 4	R	25-46-0508-0012	45-08-15-401-001.000-004	\$ 368.00	\$ 3.00	\$ 371.00	\$ 10,000.00
Lake	Gary-Calumet	1, 2, 4	R	25-46-0508-0013	45-08-15-401-002.000-004	\$ 368.00	\$ 3.00	\$ 371.00	\$ 10,000.00
Lake	Gary-Calumet	1, 2, 4	R	25-47-0325-0001	45-08-27-328-001.000-004	\$ 1,478.31	\$ 1,118.31	\$ 2,596.62	\$ 51,000.00
Lake	Gary-Calumet	1, 2, 4	P Prop	25-950072	45-704-95007-20	\$ 748,559.64	\$ 748,559.64	\$ 1,497,119.28	\$ 42,030,300.00
						\$ 808,848.94	\$ 805,773.94	\$ 1,614,622.88	\$ 45,122,600.00
					Pre-Approved Plan (first)	1,101,953	1,098,878	2,200,830	68,221,890
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	P Prop	0-18-0000262920	84-00-00-277-145.000-002	\$ 266,112.57	\$ 266,112.57	\$ 532,225.14	\$ 16,830,850.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0616301001	84-06-16-301-001.000-002	\$ 1,217.44	\$ 1,217.44	\$ 2,434.88	\$ 77,000.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0616352001	84-06-16-352-001.000-002	\$ 494.89	\$ 494.89	\$ 989.78	\$ 31,300.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0616377001	84-06-16-377-001.000-002	\$ 1,222.19	\$ 1,222.19	\$ 2,444.38	\$ 77,300.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0621126002	84-06-21-126-002.000-002	\$ 12,792.68	\$ 12,792.68	\$ 25,585.36	\$ 809,100.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0621126003	84-06-21-126-003.000-002	\$ 858.53	\$ 858.53	\$ 1,717.06	\$ 54,300.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0621126004	84-06-21-126-004.000-002	\$ 754.19	\$ 754.19	\$ 1,508.38	\$ 47,700.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0623251001	84-06-23-251-001.000-002	\$ 453.77	\$ 453.77	\$ 907.54	\$ 28,700.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0625129002	84-06-25-129-002.000-002	\$ 256.14	\$ 256.14	\$ 512.28	\$ 16,200.00
							284,162	568,325	17,972,450
						\$ 3,590,020.44	\$ 1,383,040.08	\$ 2,769,155.16	\$ 86,194,340.00

tachment GDS-1 8 Schedule 8

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Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of SEI Water Revenue Requirement

Line		Eligible for	Replacement	
Number	Description	Property Taxes	Projects	Total
		*		
1	Water Plant Additions Subject to SEI (From Attachment DH-1):	*	\$6,404,551	\$6,404,551
2	Less: Water Retirements (From Attachment DH-1):	*	1,086,679	1,086,679
3	Plus: Cost of Removal (Cost of Removal less Salvage) (From Attachment DH-1):	*	957,650	957,650
4	Plus: PISCC, Deferred Depreciation, Deferred Property Tax Reg Asset		1,903,724	1,903,724
5	Net Investor Supplied Water SEI Additions (Line 1 - Line 2 + Line 3 - Line 4):	-	\$8,179,246	\$8,179,246
6		-		
7	Pre-Tax Rate of Return (From Attachment GDS-1 Schedule 13):		7.74%	7.74%
8	Pre-Tax Return on Additions (Line 5 X Line7):	-	\$632,848	\$632,848
9		-		
10	Weighted Avg Property Tax Muni Rate (From Attachment GDS-1 Schedule 12):		2.70%	2.70%
11	Property Taxes on Water SEI Additions (Lines 1-3 X Line10):	_	\$171,361	\$171,361
12		-		
13	Depreciation on Water SEI Additions (From Attachment GDS-1 Schedule 11):		\$300,512	\$300,512
14	Amortization of Deferred Asset		\$76,368	\$76,368
15		-	\$376,880	\$376,880
16				
17	Total SEI Revenues to Determine SEI Per Meter Rate (Line 8 + Line 11 + Line 13):	_	\$1,181,089	\$1,181,089
18		=	·	

Indiana-American Water Company Calculation of SEI Charge Cause No. 45609 SEI-1 2022

Calculation of SEI Fixed Charge Rate Based on Meter Size Using Meter Billing Units for the Twelve Months Ended October 31, 2022

Line	Meter Size	Meter Billing Units by Meter Size For the 12 Months Ended 10/31/2022	AWWA Equivalent Meter Flow- Based Ratio	Meter Equivalents	Annualized SEI Revenue Replacements		placement Projects	М	Total eter Size
1	SEI Revenue (Per Line 15 of Attachmer	nt GDS-1, Schedu	ıle 9):		Ş	1,181,089	\$	1,181,089
2	80% of the Re	venue Rider, with 20% b	eing held in a Re	gulatory Asset		\$	944,872	\$	944,872
3	Monthly Rate	per Equivalent 5/8" Met	er (Total Reven	ue/Total Meter I	Equivalents):		\$0.19		\$0.19
	Illustration of	potential rates							
4	5/8"	3,590,811	1.0	3,590,811	\$699,936.49		\$0.19		\$0.19
5	3/4"	4,829	1.5	7,244	1,411.93		0.29		0.29
6	1"	131,703	2.5	329,259	64,180.52		0.49		0.49
7	1 1/2"	17,069	5.0	85,347	16,636.13		0.97		0.97
8	2"	68,506	8.0	548,048	106,827.98		1.56		1.56
9	3"	5,872	15.0	88,087	17,170.26		2.92		2.92
10	4"	3,366	25.0	84,156	16,404.03		4.87		4.87
11	6"	1,546	50.0	77,283	15,064.24		9.75		9.75
12	8"	348	80.0	27,806	5,419.99		15.59		15.59
13	10"	72	130.0	9,337	1,819.97		25.34		25.34
14	12"	0	215.0	0	-	_	\$41.91		\$41.91
15	Total	3,824,123		4,847,376	\$944,871.55	_			
16	-		·			_			
17									
18	20% of the Re	venue Rider being held i	n a Regulatory A	sset		\$	236,218	\$	236,218
19									

Note: The American Water Works Association (AWWA) standard Equivalent Meter Flow-Based Ratio is used at the basis for calculation. For example, the safe operating capacity of a 5/8 inch meter is 20 gallons per minute, which is used as the base ratio of 1.0. In contrast to this, a two inch meter has a safe operating capacity of 160 gallons per minute. Thus, on a continuity basis, a two inch meter is the equivalent of eight 5/8 inch meters, and thus the equivalent flow ratio for a two inch meter is 8.0.

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of Depreciation for SEI Projects

Line Number	Account Project Number	Project Description	SEI Additions	Less: Retirements	Net SEI Additions	Depreciation Rate	Depreciation Expense
1	R10-01K3.19-P-4031	MOR Filtration Plant	\$172,430	\$0	\$172,430	10.00%	\$17,243
2	T10-0185-P-1000	SIOTC Backwash Improvements	27,092	0	27,092	10.00%	2,709
3	T10-0184-P-1000	SIO Charleston WTF Improvements	103,040	0	103,040	10.00%	10,304
4	R10-70Q1.21-P-0030	NWI BP Chlorine Improvements	41,293	4111.65	45,404	3.00%	1,362
5	R10-70Q1.20-P-0019	TH Rework High Service Pump#17	26,701	8226.65	34,928	3.00%	1,048
6	R10-70Q1.20-P-0016	Replace Motor on TH High Serv Pump	17,084	14312.95	31,397	3.00%	942
7	R10-70Q1.20-P-0023	Rebuilt Pump#1 at Allendale Booster	11,761	395.49	12,157	3.00%	365
8 9	R10-47Q1.21-P-0014	Well 13 bearings, pump, clean	58,457 44,752	15034.52 10083.56	73,492	2.77% 3.00%	2,036 1,645
10	R10-47Q1.22-P-0002 R10-47Q1.21-P-0020	DF well 15 pump replacement HH well 11 rpl pump bowl/sec of pip	19,702	3687.01	54,836 23,389	2.77%	1,643
11	R10-47Q1.21-P-0020	DF high service pump #2	9,616	11965.56	21,582	3.00%	647
12	R10-47Q1.20-P-0016	HH high serv pump #2	8,858	6708.28	15,566	3.00%	467
13	R10-47Q1.21-P-0019	Mac Allister generator batteries	8,758	9914.76	18,672	2.77%	517
14	R10-47Q1.20-P-0011	DF Well #16	-,	3989.09	3,989	3.00%	120
15	R10-47Q1.21-P-0011	DF cla vlv rpr HSP#1	8,525	859.5	9,384	3.00%	282
16	R10-47Q1.21-P-0009	BBC repair backwash pump	7,426	1453.94	8,880	3.00%	266
17	R10-47Q1.22-P-0003	DF well 13 VFD Rpl	6,643	2621.73	9,265	2.77%	257
18	R10-47Q1.20-P-0008	HH hig pressure rel valve	-	0	0	1.70%	0
19	R10-47Q1.22-P-0007	Living Waters DF hypo pump	2,127	498.46	2,625	3.00%	79
20	R10-47Q1.21-P-0018	Rotork parts for DF	2,348	937.08	3,285	2.31%	76
21	R10-72Q1.22-P-0003	Microscope to analyze samp aera tan	1,670	0	1,670	6.67%	111
22	R10-90Q1.20-P-0020	B.P. Backwash Improvements	293,976	0	293,976	2.25%	6,614
23 24	R10-90Q1.20-P-0038	BP HS6 Discharge Piping Replacement	121,751	96566.76	218,318	3.53%	7,707
24 25	R10-90Q1.20-P-0011 R10-90Q1.21-P-0005	Repl Basin Drain Pump-BP Low Service #3 OD Pump Rebuild	87,130 75,620	5322.06 64325.78	92,452 139,946	3.00% 2.33%	2,774 3,261
26	R10-90Q1.21-P-0005	Manual Transfer Switch Generator BP	66,220	7309.14	73,530	1.45%	1,066
27	R10-90Q1.20-P-0034	O.D. Backwash Pump 3 Actuator	65,876	34078.98	99,955	1.39%	1,389
28	R10-90Q1.20-P-0029	B.P. Replace Shaft and Bearings #7	44,895	7183.41	52,079	3.00%	1,562
29	R10-90Q1.21-P-0002	Phosphate Pump Replacement	40,817	0	40,817	5.00%	2,041
30	R10-90Q1.21-P-0007	5 MGD HS Pump OD	33,301	0	33,301	1.39%	463
31	R10-90Q1.20-P-0032	65th & Miss. #3 Pump Seals	21,750	4133.92	25,884	3.00%	777
32	R10-90Q1.21-P-0031	NWI 13th & Jennings;	20,164	13700.79	33,865	2.52%	853
33	R10-90Q1.20-P-0023	B.P. #7 H.S. Actuator	17,378	2538.21	19,916	3.00%	597
34	R10-90Q1.21-P-0054	MLK Motor Bearing Rebuild	16,865	12725.09	29,590	1.39%	411
35	R10-90Q1.21-P-0045	Vacuum System OD	16,244	6596.53	22,840	2.25%	514
36	R10-90Q1.21-P-0016	Basin Pump Support and Drive Shaft	15,908	0	15,908	2.25%	358
37	R10-01L6.20-P-0012	Floc VFD Replacement Project	15,902	10618.21	26,520	6.67%	1,769
38 39	R10-90Q1.21-P-0008	Replace Bearings Blower OD	15,832	827.06 1261.86	16,659	2.25% 3.00%	375 496
40	R10-90Q1.20-P-0043 R10-90Q1.20-P-0036	Pre Chlorine Booster Pump and Drive Turbidimeters - OD	15,285 11,809	7488.86	16,547 19,298	3.00%	579
41	R10-90Q1.21-P-0009	Rapid Mix OD Motor Rebuild	11,778	7488.80	11,778	2.25%	265
42	R10-90Q1.21-P-0023	MLK Pump 3 Motor Refurb	9,475	0	9,475	2.25%	213
43	R10-90Q1.20-P-0028	O.D. Recycler 36" Valve Step Replac	9,180	4095.3	13,275	3.75%	498
44	R10-01L6.20-P-0017	Recycle VFD Comm Replacements	7,640	4330.4	11,970	6.67%	798
45	R10-90Q1.21-P-0028	Pump 1 VFD Replacement Shorewood	7,183	0	7,183	2.25%	162
46	R10-90Q1.20-P-0060	Soft Start 41st Carolina	7,169	192.37	7,361	1.39%	102
47	R10-90Q1.20-P-0049	Check Valve Pump 2 Miller	6,726	302.66	7,029	1.39%	98
48	R10-90Q1.21-P-0033	Packing Replacement OD Floc	6,370	0	6,370	2.25%	143
49	R10-90Q1.21-P-0048	Rotork Actuator Replace OD Recycle	5,750	3444.57	9,195	6.67%	613
50	R10-90Q1.20-P-0007	Raw Water Turbidimeter - BP	5,639	0	5,639	2.48%	140
51	R10-90Q1.20-P-0031	B.P. Fluoride/Ammonia Pumps	5,297	2520.39	7,817	3.00%	235
52	R10-90Q1.20-P-0042	Flouride Sensor and Pump Upgrades	4,994	2828.2	7,822	2.48%	194
53	R10-90Q1.21-P-0029	Replacement Vacuum Prime Ball Check	4,792	0	4,792	5.00%	240
54 55	R10-90Q1.21-P-0035	Pump 3 41st Carolina Rebuild	4,613 4,442	0 3241.86	4,613 7,684	2.25% 2.69%	104 207
56	R10-90Q1.19-P-0067 R10-90Q1.20-P-0054	Chlorine Analyzers - OD BP/OD Analyzers	4,428	5502.18	9,930	3.00%	298
57	R10-90Q1.20-P-0024	B.P. Lab Analyzers	3,213	0	3,213	6.67%	214
58	R10-60Q1.20-P-0037	Pressure Transducer Rpl Stony Crk B	4,224	0	4,224	5.00%	211
59	R10-60Q1.20-P-0049	Wells 7 - 8 PLC Replace RW	4,079	3975.23	8,054	2.28%	184
60	R10-45Q1.20-P-0004	High Service Pump Replace Somerset	23,343	1234.84	24,578	1.39%	342
61	R10-45Q1.21-P-0011	Well pump replacements Wabash plant	19,066	2740.78	21,807	3.22%	702
62	R10-80Q1.21-P-0002	Filter 2 Actuators	28,358	5839.9	34,198	2.31%	790
63	R10-80Q1.20-P-0002	Filter 1 Actuators	26,920	1544.55	28,465	2.31%	658
64	R10-80Q1.20-P-0003	HS #3 Motor	21,760	1840.61	23,600	3.00%	708
65	R10-80Q1.20-P-0011	Well #2 Pump & Pipe	14,849	3596.03	18,445	2.77%	511
66	R10-80Q1.20-P-0008	Well #1Motor	8,919	2659.13	11,578	2.77%	321
67	R10-80Q1.20-P-0010	Well #1 Pump	7,822	1761.43	9,583	2.77%	265
68	R10-80Q1.21-P-0005	Well #1 Motor	7,350	2553.21	9,903	2.77%	274
69	R10-80Q1.21-P-0006	Well #1 Capacitor Bank	6,315	969.06	7,284	2.77%	202
70	R10-80Q1.22-P-0006	Fluoride Room Relocation	4,587	2324.75	6,912	2.31%	160

71	R10-01Q1.21-P-0007	NBG Clearwell Bypass (Zube)	74,125	0	74,125	2.31%	1,712
72		** * *					746
	R10-85Q1.21-P-0005	Filter Valve Replacement	24,519	353.67	24,873	3.00%	
73	R10-85Q1.21-P-0010	RPL Pump Well #3	13,200	5529.63	18,730	3.00%	562
74	R10-85Q1.20-P-0009	RPL Water Line Chemical Feed Buildi	10,549	5931.16	16,481	3.22%	531
75	R10-85Q1.20-P-0010	Electrical upgrade for Filters	7,573	3217.69	10,791	3.22%	347
76	R10-85Q1.21-P-0013	Well #1 Pump Replacement	6,861	3601.66	10,463	2.77%	290
77	R10-85Q1.21-P-0006	RPL Backwash Meter	5,339	3767	9,106	2.28%	208
78	R10-85Q1.22-P-0005	NEW Lab Spectrophotometer for water	4,880	0	4,880	6.67%	326
79	R10-85Q1.21-P-0009	RPL Water Line Chemical Feed Bldg	5,299	2402.3	7,701	3.22%	248
80	R10-85Q1.20-P-0002	RPL Effluent Valve	4,284	2227.42	6,512	9.40%	612
81	R10-75Q1.19-P-0016	Replace 4 filter Flow control valve	348,122	0	348,122	6.67%	23,220
82	R10-75Q1.20-P-0010	Charlestown Well field Electrical	120,952	0	120,952	3.22%	3,895
83	R10-75Q1.20-P-0009	Atkins MCC	84,013	13636.96	97,650	6.67%	6,513
84	R10-55Q1.22-P-0005	New motor for well 1 East side	14,100	10133.48	24,234	3.22%	780
							603
85	R10-55Q1.20-P-0022	WRE 2 new pump column and check val	11,781	4289.55	16,071	3.75%	
86	R10-55Q1.20-P-0007	Replace WRE well 2 motor	-	0	0	3.22%	0
87	R10-55Q1.21-P-0026	New pump for well 1 Sugar Creek	9,676	5908.08	15,584	3.22%	502
88	R10-55Q1.20-P-0012	London Rd well 4 pump repair	-	0	0	3.22%	0
89	R10-55Q1.21-P-0016	New VFD for Marlin Well 5	7,692	6749.8	14,442	3.22%	465
90	R10-55Q1.21-P-0024	New motor for Marlin well 5	5,945	0	5,945	3.75%	223
91	R10-55Q1.21-P-0007	London Rd Well 3 Pump	5,794	12290.82	18,085	3.22%	582
92	R10-55Q1.20-P-0011	Replaced Well pump WRE 3	-	0	0	2.52%	0
93	R10-55Q1.22-P-0003	New west well 1 pump	5,068	3186	8,254	3.22%	266
94	R10-55Q1.21-P-0019	Repair #6 well pump	4,527	2801.64	7,328	3.22%	236
95	R10-55Q1.20-P-0010	Replace check valve well3 WR East	-	0	0	3.22%	0
96	R10-65Q1.20-P-0011	Replace High Service #3 at BRWTP	20,690	4496.91	25,187	3.00%	756
97						3.00%	
	R10-65Q1.20-P-0012	Replace High Service #1 Motor at BR	9,709	683.16	10,393		312
98	R10-65Q1.20-P-0017	Replace pump and column pipe on Wel	7,409	3791.05	11,200	3.00%	336
99	R10-65Q1.20-P-0009	Replace Pump on Well #4	6,310	5002.07	11,312	5.00%	566
100	R10-25Q1.21-P-0011	Low Service & G st Roads	23,780	0	23,780	3.75%	892
101	R10-50Q1.20-P-0006	Replace Flow Meters at MCO at wells	31,862	283.75	32,146	2.77%	890
102	R10-50Q1.20-P-0004	Replace Aerator Pipe MCO	12,315	4460.79	16,776	2.31%	388
103	R10-50Q1.20-P-0008	Aerator Replacement Tubing Liabilit	11,173	654.1	11,827	3.00%	355
104	R10-50Q1.21-P-0012	MCO WEII#1 Rpr Pump/REpl Column Pip	8,134	343.44	8,477	3.00%	254
105	R10-50Q1.21-P-0009	4" DeZurik Butterfly valves repl WA	3,460	124.31	3,585	2.31%	83
106	R10-50Q1.22-P-0004	Rebuild Aertor Blower on Aerator	3,579	155.51	3,734	2.31%	86
107	R10-50Q1.22-P-0002	New Auto Flusher for Hydrants at Montgon	2,760	0	2,760	4.00%	110
108	R10-70Q1.20-P-0022	Repl TH High Serv #17 starter w/VFD	49,774	8208.09	57,982	3.00%	1,739
109	R10-70Q1.20-P-0024	Upgrade/Replace TH hoist/cranes ins	23,061	0	23,061	2.25%	519
110	R10-70Q1.20-P-0004	Repl 2 Rotork Actuator-C#3 Influent	19,275	8853.67	28,129	2.69%	757
		•					
111	R10-70Q1.21-P-0019	Repl Peerless Pmp Shrine Hill Bstr	18,135	210.74	18,346	3.00%	550
112	R10-70Q1.21-P-0018	Rpl Sull Well #5 Pump	15,051	3162.2	18,213	3.00%	546
113	R10-70Q1.20-P-0006	Repl Ammonium Sulf Feed Pump#2 T.H.	11,464	1165.62	12,629	3.00%	379
114	R10-70Q1.20-P-0011	Repl Lift Station Pump TH Plant	(0)	0	(0)	3.00%	0
115	R10-70Q1.21-P-0013	Rpl aged Rotork Actuator /Basins 3&	10,514	1050	11,564	2.25%	260
116	R10-70Q1.20-P-0018	TH Repl rotork actuator for cell#1	9,765	493.49	10,258	2.31%	237
117	R10-70Q1.20-P-0015	Replace TH Lab Incubator	8,045	4717.24	12,762	6.67%	851
118	R10-70Q1.20-P-0012	Repl Cla-Valve Farmersburg	5,729	164.97	5,894	1.70%	100
119	R10-70Q1.22-P-0002	Rpl flow trans pressure filter #5 T	2,467	190.23	2,658	6.67%	177
120	R10-70Q1.22-P-0006	Rpl damaged flouride tank trns pmp	1,572	0	1,572	5.00%	79
121	R10-70Q1.22-P-0005	Spare trns pmp for phosphate tanks	1,124	0	1,124	5.00%	56
122	R10-70Q1.22-P-0016	New PAPR resp sys chang chlor cylin	484	0	484	5.00%	24
123	R10-47Q1.21-P-0003	DF Living waters OSEC B pack genera	29,955	11159.61	41,115	2.31%	950
	R10-47Q1.20-P-0015	DF Hypo Unit pack generator					
124		,, , ,	28,686	0	28,686	2.31%	663
125	R10-47Q1.20-P-0019	HH analyzer repl pump & parts	3,403	666.09	4,070	3.00%	122
126	R10-47Q1.22-P-0004	Bollards installed at Water Salesma	2,045	0	2,045	3.22%	66
127	R10-72Q1.21-P-0002	Repl muff monst@raw wtr influent RW	75,073	8096.25	83,169	3.70%	3,077
128	R10-72Q1.20-P-0005	Riley WW Electrical upgrade/replace	12,845	1179.63	14,025	2.61%	366
129	R10-72Q1.20-P-0007	Repl Hydromatic pump RWW Lagoon lif	9,461	303.87	9,765	3.70%	361
130	R10-72Q1.20-P-0006	Riley WW Repl Gear Box om Clarifier	8,632	780.65	9,413	1.95%	184
131	R10-72Q1.21-P-0008	Repl Teledyne Isco 5800 refridge RW	7,278	736.3	8,014	1.95%	156
132	R10-72Q1.21-P-0004	Rpl backup lift stat pump Frye Rd-R	7,229	13896.14	21,125	3.70%	782
133	R10-90Q1.21-P-0018	BP Low Service Actuators	88,191	10280.39	98,471	2.25%	2,216
134	R10-90Q1.20-P-0010	Coagulant Upgrade - OD	51,904	255.56	52,159	2.31%	1,205
135	R10-01L6.20-P-0015	Shorewood PLC Replacement	48,177	4184.33	52,362	6.67%	3,493
136	R10-90Q1.21-P-0027	Rapid Mix Motor OD	9,950	0	9,950	2.25%	224
137	R10-90Q1.20-P-0033	O.D. Residual Pumps	9,030	3664.48	12,694	3.00%	381
138	R10-01L6.20-P-0010	Control Panel Removal and Installat	7,273	2227.33	9,501	6.67%	634
139	R10-90Q1.20-P-0047	Electrical Upgrade Replace Cloth Wi	6,994	3879.08	10,873	3.75%	408
140	R10-10Q1.20-P-0062	Carbon Exchange	94,002	75057.54	169,060	2.31%	3,905

Attachment GDS-1 Schedule 12

Indiana-American Water Company Cause No. 45609 SEI-1 2022

Service Enhancement Improvement Charge

Property Taxes

Based on 2020 Property Taxes Payable in 2021

Indiana Property Taxes (Indiana - American Water Co.)

Property Taxes Calculation for Replacement Investments

					2	021 Pa	ayable in 2022			
County	Municipality	Av	g. May 10th	Av	g. Nov. 13th	Avg.	Total Payment		Avg. Total Assessment	Tax Rate
Clark	Charlestown	\$	25,074.33	\$	25,071.90	\$	50,146.22	\$	1,951,284.29	2.57%
Porter	Chesterton	\$	8,830.34	\$	8,825.34	\$	17,655.68	\$	705,767.50	2.50%
Montgomery	Crawfordsville	\$	40,421.67	\$	40,421.67	\$	80,843.34	\$	2,270,023.33	3.56%
Howard	Kokomo	\$	14,757.77	\$	14,755.41	\$	29,513.18	\$	983,753.60	3.00%
Morgan	Mooresville	\$	2,238.29	\$	2,236.90	\$	4,475.19	\$	336,565.56	1.33%
Delaware	Muncie City	\$	44,172.14	\$	44,165.59	\$	88,337.73	\$	2,945,593.75	3.00%
Warrick	Newburgh	\$	7,913.57	\$	7,913.57	\$	15,827.15	\$	726,446.67	2.18%
Wabash	Noble	\$	8,169.53	\$	8,166.20	\$	16,335.73	\$	1,261,878.33	1.29%
Hamilton	Noblesville	\$	13,321.44	\$	13,319.58	\$	26,641.02	\$	1,093,359.44	2.44%
Wayne	Richmond City	\$	15,041.32	\$	15,040.90	\$	30,082.22	\$	1,015,852.58	2.96%
Vigo	Riley	\$	3,818.29	\$	3,638.29	\$	7,456.58	\$	291,095.00	2.56%
Jackson	Seymour City	\$	26,650.02	\$	26,650.02	\$	53,300.05	\$	1,983,520.00	2.69%
Shelby	Shelbyville	\$	20,893.19	\$	20,893.19	\$	41,786.39	\$	1,448,000.00	2.89%
Hamilton	Sheridan	\$	8,961.17	\$	8,958.61	\$	17,919.78	\$	582,353.33	3.08%
Vigo	Terre Haute	\$	26,028.37	\$	26,027.46	\$	52,055.83	\$	1,646,868.18	3.16%
Wabash	Wabash	\$	9,881.08	\$	9,880.08	\$	19,761.15	\$	1,099,265.00	1.80%
Kosciusko	Warsaw	\$	18,714.29	\$	18,714.29	\$	37,428.57	\$	1,497,195.71	2.50%
								١	Veighted Average	2.70%
		\$	294,886.81	\$	294,679.01	\$	589,565.82	\$	21,838,822.28	2.70%

Used for all Investments

Attachment GDS-1

Schedule 13

Page 1 of 1

Indiana-American Water Company Cause No. 45609 SEI-1 2022

Service Enhancement Improvement Charge Rate of Return Calculation

Based on Actual Capital figures as of October 31, 2022. ROE as Approved in Cause No. 45142

Line Number	Class of Capital		Amount as of 10/31/2022	Percent of Total	(%) Cost	Weighted Cost	Pre-Tax Weighted Cost
1.	Long Term Debt	\$	557,834,343	38.09%	4.73%	1.80%	1.80%
2. 3.	Accumulated Deferred Investment Tax Credits - Pre 1971		263,433,226	17.99%	0.00%	0.00%	0.009
4. 5. 6.	Job Development Investment Tax Credits (JDITC) - Post 1970		617,419	0.04%	7.47%	0.00%	0.009
7. 8.	Other Capital Elements		(15,922,394)	-1.09%	0.00%	0.00%	0.009
9. 10.	Common Equity	_	658,396,350	44.96%	9.80%	4.41%	5.939
11. 12.	Total Capitalization	\$	1,464,358,944	100.00%		6.21%	7.749
13.	Tax Gross-Up Calculation:						
	Gross Revenue Change			100.0000%			
15	Less: Uncollectible Expense		_	1.0167%			
16 17	Total Before Gross Income and IURC Fees (Line 14 - Line 15)		-	98.9833%			
18	Less: IURC Fee IURC Fee Rate for 2018/2019 Rate: 0.1202041%		0.1202%	0.1190%			
19 20	Total Before Gross Income Taxes (Line 16 - Line 18)		-	98.8643%			
21	Less: State Income Tax		4.9000%	4.8444%			
22	Less: Utility Receipts Tax		0.0000%	0.0000%			
23 24	Total before Federal Income Taxes (Line 19 - Line 21 - Line 22)		-	94.0199%			
25 26	Less: Federal Income Taxes (21% X Line 23)	_	21.00%	19.7442%			
27 28	Total after Income Taxes (Line 23 - Line 25)		-	74.2757%			
29	Gross Revenue Conversion Factor (1 / Line 27)		=	134.6335%			
30	Expenses Tax Gross-Up Calculation:						
31	Gross Revenue Change			100.0000%			
32	Less: Uncollectible Expense		-	1.0167%			
33 34	Total Before Gross Income and IURC Fees (Line 14 - Line 15)		-	98.9833%			
35	Less: IURC Fee IURC Fee Rate for 2018/2019 Rate: 0.1202041%	_	0.1202%	0.1190%			
36 37	Total Before Gross Income Taxes (Line 16 - Line 18)		-	98.8643%			
38	Less: State Income Tax		0.0000%	0.0000%			
39	Less: Utility Receipts Tax		0.0000%	0.0000%			
40 41	Total before Federal Income Taxes (Line 19 - Line 21 - Line 22)		- 0.000/	98.8643%			
42 43	Less: Federal Income Taxes (21% X Line 23)	_	0.00%	0.0000%			
44 45	Total after Income Taxes (Line 23 - Line 25)		-	98.8643%			
46	Gross Revenue Conversion Factor (1 / Line 27)		-	101.1487%			
lculatio	on of Blended Indiana State Income Tax Rate:		Rate	Income Tax	Number of	Percentage of	Weighted
	Description		Year	Rate	Months at Rate	Months at Rate	Rate
.90% Tax	Rate Effective 7/1/2021 - 6/30/2022		2021	4.90%	12	100.0%	4.90009 4.90009

Gross Up and ROE from Final Order Cause No. 45142.

	Calculation for JDITC Cost Percent	_			
Debt		\$557,834,343	45.87%	4.73%	2.17%
Equity		658,396,350	54.13%	9.80%	5.31%
		1,216,230,693.25	100.00%		7.47%

Cause No. 45609 SEI-1 Indiana American Water Company Corrected Attachment GDS-3

FILED

December 9, 2022 INDIANA UTILITY REGULATORY COMMISSION

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge PISCC, Depreciation, and Property Tax Deferral

	Deferred		Deferred		Accrued Property
	PISCC		рер	reciation	Taxes
Pre-Approved Projects:					
Mooresville Filtration 580004	\$	608,398	\$	258,757	
Southern Filter 750014	\$	137,694	\$	49,193	
Charleston Filtration 750020	\$	295,995	\$	101,321	
Northwest Borman Park 900049	\$	194,548	\$	54,025	
Subtotal Pre-Approved	\$	1,236,635	\$	463,296	\$ -
(first category)					
Recurring	\$	655,132	\$	409,991	
(second category)					
Total SEI 10/31/2022	\$	1,891,767	\$	873,287	\$ -
		·	-		- Nothing booked

 Nothing booked or recorded yet

:tachment GDS-3 R1 Schedule 1 Page 1 of 1

TOTAL

\$ 867,156
\$ 186,887
\$ 397,316
\$ 248,572
\$ 1,699,931

\$ 1,065,123

\$ 2,765,054

Cause No. 45609 SEI-1 Indiana American Water Company Corrected Attachment GDS-1

FILED

December 9, 2022 INDIANA UTILITY REGULATORY COMMISSION



- 10
- 10

representation processor in pro	(197) (1,684) (1,685) (1,687)	747 1,894 4,491 1,994 4,491 1,994 1,		2,641 4,979 74,589 6,688 64,724 12,707 1,000 9,777 24,620 1,016 976 24,620		(2),61 (2),63 (2),63 (2),63 (2),73 (2),73 (2),73 (3),73 (3),73 (3),73 (4),73 (5),73 (6
improvements in provided to the control of the cont	[6,481] [6,482] [6,482] [6,228] [7,228] [7,228] [7,228] [7,27] [7,28] [7,27] [7,28] [7,27] [7,28] [7	4 6814 6 67 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6		74,589 6,888 64,724 12,707 1,033 3,000 9,777 84,620 1,016 97,7 24,620 1,016 1,		[74.58] [68.23] [68.23] [74.58
inconvenients	[1,867] [5,238] [7,278,677] [7,278,677] [7,278,677] [7,288] [7,278] [7	1 667 1 667		6,688 64,234 12,207 10,203 10,203 10,203 10,205 20,207 20,574 22,574 23,641 23,641 23,641 24,		(6.25) (6.27) (6
improvements in provided to the control of the cont	[5,238] 2/20,657 2/20,657 2,20	C 796 787 787 787 787 787 787 787 787 787 78		18,724 12,727 12,203 2,000 9,272 28,620 10,66 10,66 10,67 20,574		(68,23 (22,20,63 (22,20,63 (20,00) (20
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represents represents seem seem seem seem seem seem seem se	2,786,867 (223) (223) (223) (223) (223) (223) (223) (224)	273 273 274 298 298 273 273 274 274 275 277 277 277 277 277 277 277 277 277		10,000 2,000 9,272 84,620 10,161 976 20,574 22,958 6,272 24,000 11,966 6,273 24,000 11,966 4,691 3,701		2,780,85 (10,200 (8,27) (8,62) (1,600 (8,72) (1,600 (9,73) (2,85,20) (2,96,20) (2,96,20) (4,907,05) (7,15) (6,27) (1,500 (1,400
megrovements nert nert	(223) (223)	272 747 2.988 272 2.72 2.72 2.73 2.74 2.75 2.72 2.72 2.72 2.74 1.92 4.17 4.47 4.47 4.47 4.47 4.47 4.47 4.47		10,203 3,000 9,272 83,620 1,016 976 28,641 - - 23,968 - 7,113 6,273 3,470 15,966 24,961 3,701 3,201 3,202 3,		(16.26) (16.27
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neet neet neet neet neet neet neet neet	(2,981) (2,981) (2,241) (2,241) (2,241) (2,241) (2,141,128) (3,061,128) (4,007,062) (76,078) (2,241) (1,467) (2,467) (2,467) (2,467) (1,467) (N27 - 2.068		9,272 8,620 1,016 976 28,544 - - 28,641 - - 2,368 - 7,113 6,273 3,470 15,966 24,991 3,701 3,201 3,202 29,122		(8,27 (8,26) (1,00) (10,70) (28,57) (28,52) (28,52) (28,52) (3,62) (4,67) (1,53
sect sect sect sect sect sect sect sect	[2,988] (2731) (2731) (2741) 2,145,120 2,148,128 3,081,882 5,822,466 4,097,012 75,275 (2731) (2731) (2,941) (1,967) (1	2.998 272 272 274		83,620 1,016 976 28,574 - 28,641 - - - 23,958 6,273 3,470 15,966 24,991 2,701 3,201 3,201 3,201 3,201		(83,63) (1,60) (28,53) (28,53) (2,86,20) (2,86,20) (3,81,88) (4,907,02) (24,635) (7,31) (8,27) (8,27) (15,50) (12,60)
sect sect sect sect sect sect sect sect	(2231 (2231) (2241) (2341) (2141) (2141) (2141) (2231) (2231) (2231) (2341) (23	272 272 2 241 6,722 - - - 5,975 - 272 273 272 1,867 2,241 1,120 2,44 4,170 4,477 1,486 4,7,801		1,016 97% 28,574 28,641 - - - 23,958 4,70 15,966 24,991 3,701 3,201 3,202 24,122		(3,00 (28,52 2,385,20 2,385,20 2,385,30 5,822,46 4,897,05 725,69 246,55 (3,52 (3,73 (15,56 (3,74
neet liquipment & Equip Equip Equip Equipment Equipment Equipment Enginement Enginemen	(2721) (2,241) (2,145,200) (2,145,128) (3,061,882) (3,061,882) (4,060,062) (246,551) (3721) (3721) (3,241) (3,141) (3,142) (3,644) (1,142) (1,	272 2 241 - 272 - 6.772 		23,574 28,641 23,958 7,113 6,273 24,70 15,966 24,691 2,201 2,212 2,122		(28,53 2,185,30 2,286,30 2,981,98 5,622,44 4,997,01 735,69 246,55 (7,11 (6,27 (3,43) (15,96 (3,20) (3,20) (3,20) (3,20)
Secuiposet Equiposet Equiposet Equiposet preent Encourament morrowements	(2,241) 2,115,100 2,218,128 2,001,103 5,622,466 4,697,022 256,551 (222) (2,241) (1,267) (2,641) (1,106) (1,667	2 241 6.722 - 5.975 - 272 273 1 167 2 241 1 120 2 4 170 4 67,801		29,574 		(28,57 2,185,20 2,885,20 2,885,20 2,885,20 2,895,20 2,855
& Equip Equipment Equipment Equipment Equipment Encounnents Encounnents Encounnents	2,145,200 2,218,128 3,083,582 5,823,646 4,690,622 753,078 206,551 (2221 (2,362) (2,362) (2,362) (2,362) (2,362) (2,362) (2,362) (2,362) (1,362	5.975 - 272 272 272 1987 2.241 1.120 7.64a 4.170 4.647 1.494 47,801		28,641 23,958 7,113 6,273 3,670 15,966 24,691 3,201 3,203 29,122		2,135,20 2,286,20 3,081,88 5,612,46 4,997,92 735,69 246,55 (7,11 (6,27 (8,27 (1,5,96 (2,4,90 (3,20 (3,
& Equip Equip Equipment preent & instrument reprovements this reprovements	2,118,128 2,005,139 5,422,466 4,909,262 753,678 286,555 (2221 (2221 (2,647) (2,648) (1,126) (1,647) (1	5.975 - 272 272 272 1987 2.241 1.120 7.64a 4.170 4.647 1.494 47,801		23,958 7,113 6,273 2,670 15,966 24,691 2,701 3,220 29,122		2,081,88 5,422,46 4,997,01 725,69 246,55 (7,11 (6,27 (2,43 (15,96 (24,69 (2,26) (2,26)
& Equip Equip Equipment Topinent Exprovements Toprovements This Toprovements	3,001,992 5,023,046 4,690,012 753,018 206,651 (221) (1,867) (2,941) (1,120) (1,667) (1,667) (1,667) (1,667) (1,660,651	5.975 - 272 272 272 1987 2.241 1.120 7.64a 4.170 4.647 1.494 47,801		23,958 7,113 6,273 2,670 15,966 24,691 2,701 3,220 29,122		2,081,88 5,422,46 4,997,01 725,69 246,55 (7,11 (6,27 (2,43 (15,96 (24,69 (2,26) (2,26)
& Equip Equip Equipment preent & instrument represements hts moreowerests	4,967,012 750,018 266,551 (2731 (1,867) (2,941) (1,108) (1,108) (1,464) 21,666,651 (10,772 2,558,663	272 273 1867 2.261 1120 7.44A 4.170 4.067 1.896 47,801		23,958 7,112 6,273 3,470 15,966 24,691 3,701 3,220 29,132		4,997,01 735,69 246,55 (7,11 (6,27 (3,43) (15,96 (24,69 (3,20)
& Equip Equip Equipment preent & instrument represements hts moreowerests	753,678 246,551 (272) (273) (1,867) (2,241) (1,120) (2,644) (1,120) (1,867) (1,484) 21,660,651 (109,722) 2,558,663	272 273 1867 2.261 1120 7.44A 4.170 4.067 1.896 47,801		7,112 6,273 2,470 15,966 24,691 2,701 3,200 29,122		735,69 246,55 (7,15 (6,27 (3,49 (15,69 (24,69 (3,20 (3,20
& Equip Equip Equipment pment & instrument improvements hts improvements	246,551 (223) (224) (1,867) (2,241) (1,120) (2,644) (1,120) (1,867) (1,864) 21,660,651 - 109,722 2,558,663	272 273 1867 2.261 1120 7.44A 4.170 4.067 1.896 47,801		7,112 6,273 2,470 15,966 24,691 2,701 3,200 29,122		246,55 (7,51 (6,27 (3,47) (15,96 (24,69 (3,20) (3,20)
& Equip Equip Equipment preent & Instrument represements hts moreovernents	(273) (273) (1,867) (2,041) (1,120) (2,644) (1,120) (1,867) (1,660) 21,660,651	272 272 1 867 2.241 1 120 7 444 4 120 4 667 1 898 47,801		7,113 6,273 3,470 15,966 24,691 3,701 3,220 29,132		(7,11 (6,27 (2,43) (15,96 (2,46) (2,70 (2,23)
& Equip Equip Equip Equipment prent & instrument mprovements hts mprovements	(122) (1,867) (2,241) (1,120) (2,644) (1,120) (1,667) (1,664) 21,660,651 - 100,722 2,558,662	272 1 867 2.341 1 120 7 644 4 130 4 867 1 496 47,801		6,272 3,670 15,966 24,691 3,701 3,220 29,132 1,741		(6,27 (3,43 (15,96 (24,69 (3,20 (3,23
Equipment pment & instrument mprovements hts morovements	(1,867) (2,241) (1,120) (2,644) (1,120) (1,867) (1,864) 21,660,651 - 109,722 2,558,662	1967 2.261 1120 7.644 4.100 4.007 1.006 47,001		2,670 15,966 24,691 3,701 3,200 29,132 1,741		(6,27 (3,43 (15,96 (24,69 (3,20 (3,23
Equipment pment & instrument mprovements hts morovements	(2,241) (1,120) (2,644) (1,120) (1,867) (1,664) 21,660,651	2.241 1 120 7.644 4 120 1 967 1 496 47,801		15,966 24,691 3,701 3,220 29,132 1,741		(15,96 (24,69 (3,70 (3,22
Equipment preent & instrument & instrument mprovements hts moreovernets	(1,120) (2,614) (1,120) (1,667) (1,664) 21,660,651 	1 120 7 444 4 120 4 967 1 494 47,801		24,691 3,701 3,320 29,132		(24,69 (3,70 (3,22
pment & instrument mprovements hts morovements	(2,614) (1,120) (1,867) (1,884) 21,660,651 109,722 2,558,963	7 614 1 120 1 067 1 696 67,801		3,701 3,320 29,132 1,741		(3,70
pment & instrument mprovements hts morovements	(1,120) (1,867) (1,494) 21,660,651 - 109,722 2,558,963	1 007 1 696 67,801		2,220 29,132 1,741		(3,32
& instrument representes hts represents	(1,867) (1,694) 21,660,651 - 109,722 2,558,963	1 967 1 494 47,801		29,132		
roprovements	(1,494) 21,660,651 - 109,722 2,558,963	1 494 47,801		1.741		
rprovements	21.660.651 109,722 2,558,963	47,801				
hts morpuements	109,722 2,558,963					(1,74
hts morpuements	2,558,963			508,863		21.199.59
hts morpuements	2,558,963					
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morpvements						2,714,14
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	214,335	15 916		195 535		44.61
	49.766	7 909		9,230		48.44
nent nt piping	17.091	7 909		311.135		0961A
in populg	12 409 942	7.800		******		12,409.94
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	nts nts nprovements	Li Equip 1 649 1649 1640 16	\$ \$400 1 \$48	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	A Supplement A Sup	A Sugar A Suga

Account Description Land and Land Rights WT Struct & Imp Supply Mout & Imp Pumping	Accept				
Struct & rep Supply		0.00%			
	20000	1179			
	20000	1676			
Mout & one WT	20000	1000			
Minut & Imp WT Minut & Imp T&D	30000	1.0%			
	30000	17%			
Struct & timp General					
Struct & trop Offices	30800	3.66%			
Mout & ten Store Shoe Sare	300700	2.08%			
Struct & rep Misc	30000	1.0%			
Collect & Impounding	305000	1386			
Wells & Springs	307000	3.77%			
Power Generation Equip	X12000	2.28%			
Pump Squipment Section	X11200	1.89%			
Puma too Other	\$11000	1.02%			
Puma Soo SCS & Pumoma	111030	1.02%			
Pump top Wtr Treatment	311030	1.02%			
Pump top 160	X110.00	1.02%			
WT Equip Non-Media	13000	1179			
	809020	1075			
	30900	1425			
	111000	4100			
	311800 137781	2395			
	13030	1486			
	33630	100			
	382230 38223	20.00% 20.00%			
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WT bourgement tet Basin, Clea	1200/00	2.07%			
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WT boursment Filter Plant Po WT boursment Chemical Pen	1300AL 1200AL	20%			
WT Equipment Chemical Fee. WT Equipment Filter Media	32006 32000	1491			
WT Equipment Pitter Media TD Mains Nat Classified	83000 88000	1725			
TD Mains Not Classified	XX3005	1,72%			
TD Mains Sin to Bin	111200	1.70%			
Office Furniture & Equip	360000	5.00%			
Tools, Shop, Sarage Squip	343000	4.00%			
Laboratory Equipment	30600	6476			
	849000	2.29%			
Power Operated Equipment					
Remate Control & Indisumen	306090	6476			
Remate Control & Indisumen	86090 00008	5.00%			
Pawer Operated Equipment Bemate Control & Inclumen Misc Equipment	807000	1.00%			
Bemate Control & triZoumen Miss Equipment	Tatal Revenue Resultement	6476 5.00%			
Remate Control & Indisumen	SERSOS Tatal Revenue	6476 5.00%			
Remark Control & Instrumen Miss Equipment Resease Class	SETTION Total Sevenue Requirement acut 6/20/2020 5/20/6/2020 5/20/6/2020	1.00%			
Remark Control & Inchance Miss Equipment Remarker Class Recidential Reviews Commercial and Other Public	Total Sevenue Requirement acul 6/06/2020 \$125,812,816 \$1,912,816	100%			
Remark Control & Instrument Miss Equipment Research Class Research Strument	367000 Total Revenue Requirement Josef 4046/2020 \$129,832,338 \$5,932,538 \$2,332,638	6.076 5.00%			
Remark Control & Inclument Miss Equipment Research Class Residential Revenue Commercial and Other Public Midstall Revenue State for Residential	30,7000 Total Sevenue Requirement au of 6,06/2020 \$129,812,158 \$5,912,175 25,312,618 11,312,608	6476 5.00%			
Review Class Review Class Review Class Recipional District Recipional Review Commercial Review Conductation Review Liab Sar Recipional Liab Sar Recipional	36.7000 Tatal Sevenae Requirement soul 60.06/202 \$129.411,188 \$3,912,018 13,312,618 11,312,018 6.685.75	6-07% 3-00%			
Remain Control & Instrument Miss Equipment Resease Class Recipied Reviews Commercial and Other Public Solid Performance State For Recipied Reviews Philada For Reviews Philada For Reviews	34,7000 Total Revenue Requirement and 404/2020 \$129,912,259 \$1,512,651 13,512,651 4,642,725 21,113,851	6.0% 5.00%			
Revenue Cantal & Instrument Miss Equipment Revenue Class Revenue Class Revenue Commercial And Other Public Industrial Revenue Commercial and Other Public Industrial Revenue Falls Free Revenue Falls Free Revenue Falls Free Revenue	167000 Tatal Seventure Requirements and 6.06/2000 Tatal Seventure Tatal Sevent	6.67% 3.00%			
Revenue Calend & Indonment Max Equipment Revenue Cless Revoluted Revenue Commercial and Other Fullish Industrial Revenue Finds Price Revenue Finds Price Revenue Finds Price Revenue Maximilianous Revenue Maximilianous Revenue	16.7000 Tatal Revenue Requirement set 40.60200 \$129.81,288 \$1,981,288 \$1,981,288 \$1,981,288 \$4,867,76 \$2,131,868 \$4,867,76 \$2,131,868 \$1,868,688 \$1,868,768	6.076 3.00%			
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Renative Colonial & Instituteen Miss Equipment Residential Reviewe Commercial and Colonial Reviewe Commercial and Colonial Reviewe Industrial Reviewe Pristate Pristate Pristate Pristate Pristate Missellinehous Reviewe Missellinehous Reviewe Colonia Reviewe	15/d foreman Replanment Replanmen	6476. 5076.		Units by Meter Size	
Renative Colonial & Instituteen Miss Equipment Residential Reviewe Commercial and Colonial Reviewe Commercial and Colonial Reviewe Industrial Reviewe Pristate Pristate Pristate Pristate Pristate Missellinehous Reviewe Missellinehous Reviewe Colonia Reviewe	16.7000 Tatal Revenue Requirement set 40.60200 \$129.81,288 \$1,981,288 \$1,981,288 \$1,981,288 \$4,867,76 \$2,131,868 \$4,867,76 \$2,131,868 \$1,868,688 \$1,868,768	EATS. LODE.	Motor	Unitally Meter Size as of	
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Renative Colonial & Instituteen Miss Equipment Residential Reviewe Commercial and Colonial Reviewe Commercial and Colonial Reviewe Industrial Reviewe Pristate Pristate Pristate Pristate Pristate Missellinehous Reviewe Missellinehous Reviewe Colonia Reviewe	15/d foreman Replanment Replanmen	6476. 1.02%	Dauboleets	Unitally Meter Size acof 6/30/2021	Anusite LERLIN W.
Renative Colonial & Instituteen Miss Equipment Residential Reviewe Commercial and Colonial Reviewe Commercial and Colonial Reviewe Industrial Reviewe Pristate Pristate Pristate Pristate Pristate Missellinehous Reviewe Missellinehous Reviewe Colonia Reviewe	3.7000 Taid Severane Supplement supl 5.00/2000 SUPLEMENT	6476. 1,00%	Texholests 3,390,963	Units by Meter Size as of a/as/assa acc, 603,603	Annalise Annalis
Mentan Calaine Mui Tajajanea Sentra Filos Rodriga Filos Rodriga Gas Rodriga Rodriga Rodriga Rodriga College Rodriga Colleg	147000 Talid forestee Septement Septement SERVICES SERVIC	NOTE.	1,510,961 7,200	2000 by Meter Size 24 of 8/20/2023 202,003.66 436.73	5,236.75
Mental Calabid & Indiament Mist Equipment Mist Equi	3,7000 Taid develope Baylanered 8,874,002,002 SURVEY,	LODE.	\$1,500,003 7,200 27,600	01400 by Medic Size accid a/20/2021 800,600.60 630.73 11,312,67	5,236.75 186.152.65
Memory Colonial Michaeles Mis Equipment French Class Robbertal Townson Commercial and Other Public Michaeles Mineman	3-7000 Tail Switzer Replaner R	LODE.	1,000,001 1,000,001 7,200 501.600 80,600	Unitally Meter State as of 6/90/2021 202,603.66 616.73 11.312.67 1,675.17	5,236.75 186.152.65 17,642.67
Mental Cultural & Inclinates Mist Equipment Mist Equipment Mist Equipment Services S	3-7000 Told Revenue Requirement And 5-700-7000 Told School School Told School School Told	LODE Autilianaed Cost Survivor	\$1,500,003 7,205 529,628 83,629 500,003	Units by Meller Size as of 6/20/2021 802,661.66 616.73 11.12.67 1,670.17 5,727.81	1,236.75 186.192.05 17,642.07 66,716.71
Mensor Class Mis Equipment Mis Equipment Mis Equipment Mission Class Mis	3.0000 Tail fireman Replanment and \$1000000 \$100,00000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,0000000000	LODE Lottlement Cost S. Life CODE R. RING	Teuboleets 1,300,861 7,205 509,628 80,629 500,981 87,787	Units by Meles Size as of a/20/2021 SCO_000.60 610.73 11.127.67 1,675.17 1,727.81 696.50	1,236.75 186.112.05 17,642.07 66,716.71 1,996.11
Research Calcilla Red Section of Management Mile Equipment Mile Eq	\$1000 \$100 \$	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Tourisdeets 1,390,983 7,295 829,629 80,629 80,531 87,767 84,678	Unite by Meller Size as of a 200/2022 SCO, 00.166 606.73 11.112.67 1,679.17 5,727.43 606.36 275.78	5,236.75 196.152.05 17,642.07 66,738.71 3,996.11 3,362.30
Memory Catolin & Indiament Miss Equipment Engage Chick Engage Chick Enclosed Investor	### MARGO Tail Wavesame Replanment Mark 1600/2008 REPLANTED R	LODE Lottlement Cost S. Life CODE R. RING	Residents 3,380,863 2,285 201-628 80,670 500,381 82,787 84,678 77,571	Units by Meter Size as of a/30/2021 800,001.66 685.73 11.512.67 1,675.17 5,727.81 696.35 271.36 195.00	5,256.75 196.150.05 17,662.07 66,738.71 5,996.11 8,362.00 1,960.00
Research Calcilla Red Section of Management Mile Equipment Mile Eq	\$1000 \$100 \$	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Touristeria 7,300,963 7,200 201,000 80,000 80,000 80,000 80,000 80,000 27,000 27,000	Units by Meller Size as of s/30/2021 800,001.66 681.73 11.312.67 1,679.17 3,727.81 681.31 275.78 181.00 28.00	5,236.75 196.152.05 17,662.07 66,758.71 5,996.11 8,362.00 1,960.00 886.00
Memory Catolin & Indiament Miss Equipment Engage Chick Engage Chick Enclosed Investor	### MARGO Tail Wavesame Replanment Mark 1600/2008 REPLANTED R	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Residents 3,380,863 2,285 201-628 80,670 500,381 82,787 84,678 77,571	Units by Merier Size as of \$750/9271 \$00,001.66 486.73 11.312.67 1,479.17 3,727.82 696.30 275.78 180.00 28.00	5,256.75 196.150.05 17,662.07 66,738.71 5,996.11 8,362.00 1,960.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	\$1000 Trail for receive	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	\$1,000 Trail developed 1,000	Softwared Cost Softwared Cost Software Cost Software Cost Software Cost Software Cost Software Cost	Tourisation 1, 1910; Mil. 7, 2015 Mil. 7, 2015 Mil. 1016	Units by Merier Size as of \$750/9271 \$00,001.66 486.73 11.312.67 1,479.17 3,727.82 696.30 275.78 180.00 28.00	5,236.75 196.152.05 17,662.07 66,758.71 5,996.11 8,362.00 1,960.00 886.00
Memory Catolin & Indiament Miss Equipment Engage Chick Engage Chick Enclosed Investor	\$2000 \$ \$2000 \$ \$ \$2000 \$ \$ \$ \$ \$ \$ \$ \$	Methors Cod NESS COS SECS SECS SECS SECS SECS SECS SECS	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	\$2000 \$ \$2000 \$ \$ \$2000 \$ \$ \$ \$ \$ \$ \$ \$	Methors Cod NESS COS SECS SECS SECS SECS SECS SECS SECS	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	TOTAL PROPERTY AND ADDRESS OF THE AD	1,00%	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Monator Carlot & Indicates Man Engineers **Invariant Class **Invaria	\$1000 \$1000	Mediane Coal STREE DOTS ECON STREE STRE	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Mentance Carlot Symboles Man Spagness Child Symboles Child Child Symb	\$1,000 \$1,	Metinand Col. SIRV GORS SIRV GORS SIRV GORS SIRV GORS SIRV MANA Separate	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Months Clark Syndrome Man Special State of State	\$10000 \$100000 \$100000 \$100000 \$100000 \$100000 \$10000 \$10000 \$10000 \$100000 \$100000 \$100000 \$100000 \$100000 \$100000 \$100000 \$100000 \$10	Methonsed Cod NEW CON CON NEW CON NEW ANN Figurated More Plan Red Alone 10	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Mental California Standard Sta	\$1,000 The contract	Motivated Cod Materials Cod Materi	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Mention Catalog Substances Was Repulgered Mention Claim Mention Ment	\$1,000 \$1,	Medianed Cost LTR COST COST	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Meson Cardio A Inchance Most Required File of the Cardio Annual Cardio Register of the Card	\$1000 \$1000	Methodol Call Exist E	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Mention Catalog Substances Was Repulgered Mention Claim Mention Ment	\$1,000 \$1,	Medianed Cost LTR COST COST	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Meson Cardio A Inchance Most Required File of the Cardio Annual Cardio Register of the Card	\$1000 \$1000	Methodol Call Exist E	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 196.00 72.00
Manage California Service Serv	### AND ### AN	1,00% httimest Cut 1,17% 0,00% 8,00% 8,00% 8,00% 8,00% 8,00% 8,00% 1,00	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Months California Management of Ameliane Management of Man	SATES STATES AND ADDRESS OF THE PARTY OF THE	Lettimord Cod Little L	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Months Clinical Scholarses Months M	### AND ### AN	\$20% \$25% \$25% \$25% \$25% \$25% \$25% \$25% \$25	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
See of Copiel Class of	### AND ### AN	Medianus Cast STORY S	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Month State Annual Management of the State	Marie Mari	Methodox Cost	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
See of Copiel Class of	1000 104 Among Amo	Medianus Cast STORY S	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00
Month State Annual Management of the State	Marie Mari	Methodox Cost	Tourisdants 1,300,963 2,205 205 409 500,961 82,409 84,409 77,001 27,006 6,007	Units by Meries Size as of a 2007/821 2007/801 66 680.73 11.512.67 1,679.17 3,777.37 180.00 28.00 6.00	5,236.75 196.102.65 17,642.67 66,736.75 5,956.10 1,960.00 186.00 72.00

Additions and Retirement Project Number	s by Project (Replacement Project Catego Project Description	Pre-Accepted/Reclaceme	ent in-Service Date A	ddtions	Cost of Removals Salvaes	Retirement CIAC	Total Net	Associated <u>C</u>	legr Rate
	See A Company of the	Replacement Replacement	1,000,000 1,00	172,430 27,092 232,060 41,293 26,701 17,084 11,761 58,457 64,752 19,702 9,616 8,858 8,758	1.1		172,630 27,092 103,040 41,399 21,195 4411 12,598 56,176 52,699 20,309 (299) 4,041 846 (2,006) 8,525 7,639 5,571 1,029	342900 342900	1000% 1000%
R10-70Q1.20-P-0019 R10-70Q1.20-P-0016	TH Rework High Service Pump#17 Replace Motor on TH High Serv Pump	Ruplacement	12/29/20 1/28/21	26,701 17,084	4,218 - 2,721 - 1,643 -	4,112 - 8,227 - 14,313 - 265 - 15,025 - 15,026 - 1,066 - 6,708 - 9,915 - 2,989 - 860 - 1,654 - 2,622 -	21,195 AA13	311500 311500 311500	1004 1004
R10-47Q1.21-P-0014 R10-47Q1.21-P-0014	Rebuilt Pump#1 at Allendale Booster Well 13 bearings, pump, dean DF well 15 pump replacement	Replacement Replacement Replacement	12/29/20 12/29/21 5/26/22	11,761 58,457 64,752	1,232 - 12,753 - 17,831 -	15,035 - 10,084 -	12,598 56,176 52,499	311500 307000 311500	3.77% 3.77% 3.00%
Rs0-47Q1.21-P-0020 Rs0-47Q1.20-P-0017 Rs0-47Q1.20-P-0016	HH well 11 rpl pump bowl/sec of pip 0F high service pump #2 HH high serv pump #2	Replacement Replacement Replacement	12/29/21 10/29/20 10/29/20	19,702 9,616 8,858	4,294 - 2,056 - 1,894 -	3,687 - 11,966 - 6,708 -	20,309 (292) 4,043	307000 311500 311500	3.77% 3.00% 3.00%
R10-47Q1.21-P-0019 R10-47Q1.20-P-0011 R10-47Q1.21-R-0011	Mac Allister generator batteries 06 Well #16 06 do ulu mr MSB#1	Replacement Replacement Replacement Replacement	6/29/22 6/29/20 10/27/21	8,758	2,006 - 1,982 - 960 -	9,915 - 3,989 -	846 (2,006) 9 C 10	307000 312500	2.77% 3.00%
R10-47Q1.21-P-0009 R10-47Q1.22-P-0003	BBC repair backwash pump DF well 13 VFD Rpl	Replacement Replacement	5/26/21 4/28/22	8,525 7,426 6,643	4,218 - 2,721 - 1,642 - 1,222 - 1,753 - 1,752	1,454 - 2,622 -	7 629 5.571	\$12500 \$10500 \$1	10.00% 1.00%
R10-47Q1.22-P-0008 R10-47Q1.22-P-0018	Living Waters OF hypo pump Rotork parts for OF	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	5/26/22 6/28/22	2,127 2,348	487 - 522 -	498 - 937 -	2 116 1.932	311500 311500 32000	1.00% 2.50%
R10-90Q1-20-P-0020 R10-90Q1-20-P-0028	R.P. Backwash improvements RP HS6 Discharge Piping Replacement	Replacement Replacement	12/21/20 6/26/22	2,127 2,348 1,670 293,976 121,751 87,130 75,620 66,220 65,876	13,890 - 32,098 - 50,322 - 15,921 - 6,692 - 2,991 -	96,567	2 116 1.932 1.670 207,865 57,283 132,130 27,215 65,603 34,788	830000 394000 345000 806000 and 3 311000 811000 and 3 806000 811000	2.25% 3.35%
R10-90Q1.21-P-0005 R10-90Q1.21-P-0005 R10-90Q1.20-P-0059	Repl Basin Drain Pump-BP Low Service #3 CO Pump Rebuild Manual Transfer Switch Generator BP	Replacement Replacement Replacement Replacement	1/28/21 6/15/22 2/5/21	87,130 75,620 66,220	50,322 - 15,921 - 6,692 -	96,567 - 5,322 - 64,326 - 7,309 - 34,079 -	132,130 27,215 65,603	111500 111500 and 1 100800	2.88% 2.88%
Rs0-90Qt 20-P-0034 Rs0-90Qt 20-P-0029 Rs0-90Qt 21-R-0002	O.D. Backwash Pump 3 Actuator B.P. Replace Shaft and Bearings 87 Shorohata Sumn Bankrosmant	Replacement Replacement Replacement	11/5/20 11/24/20 9/13/21	65,876 64,895 60,917	2,991 - 40,670 - 1,996 -	34,079 - 7,183 -	24,788 78,382 42,703	311200 311500	1.00%
R10-90Q1-21-P-0007 R10-90Q1-20-P-0032 R10-90Q1-21-R-0031	S MGD HS Pump CD GSth & Miles. 83 Pump Seals NAM 13th & Janoines	Replacement Replacement Replacement Replacement Replacement	6/16/21 9/16/20 6/29/22	23,301 21,750 20,164	0,070 1,000	6,126 - 12,701 -	24,862 20,795 10,971	311200 311500	8.02% 5.02% 1.82% 8.02% 1.82% 1.82% 1.82% 1.22% 8.02% 1.22% 8.02% 1.22% 1.02% 1.22% 1.02% 1.22% 1.02% 1.22% 1.22% 1.02% 1.22% 1.02% 1.22% 1.02% 1.22% 1.02% 1.22% 1.02% 1.
R10-90Q1.20-P-0023 R10-90Q1.21-P-0054	B.P. 87 H.S. Actuator MLK Motor Bearing Rebuild	Replacement Replacement	12/30/20 5/17/22	17,378 16,865	15,705 - 1,300 -	4,124 - 13,701 - 2,538 - 12,725 - 6,597 -	20,545 5 440	311500 311200	1.00%
R10-90Q1.21-P-0016 R10-0116.20-P-0012	Rasin Pump Support and Drive Shaft Floc VFD Replacement Project	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	7/14/21 12/4/20	15,908 15,902	3,292 - 735 -	10,618	19,190 6 019	345000 346090	2.25% 6.67%
R10-90Q1.21-P-0008 R10-90Q1.20-P-0043 R10-90Q1.20-P-0036	Replace Bearings Blower CD Pre-Chlorine Booster Pump and Drive Turbidimeters - OD	Replacement Replacement Replacement	5/17/21 2/1/21 11/30/20	15,832 15,285 11,809	750 - 2,245 - 10,660 -	10,618 - 927 - 1,262 - 7,689 -	15,755 16,269 14,791	313500 313500 313500	3.25% 3.00% 3.00%
R10-90Q1.21-P-0009 R10-90Q1.21-P-0023 R10-90Q1.20-P-0028	Rapid Mix OD Motor Rebuild MLK Pump 2 Motor Refurb O.D. Recycler 36" Valve Step Replac	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	6/14/21 7/14/21 7/20/20	11,778 9,475 9,180	2,037 - 8,300 -	4,095 4,330	12,327 11,512 13,384	345000 345000 30800	2.25% 2.25% 3.75%
R10-90Q1-21-P-0028 R10-90Q1-20-P-0060	Recycle VFD Comm Replacements Pump 1 VFD Replacement Shorewood Soft Start 41st Carolina	Replacement Replacement Replacement	12/7/20 9/7/21 12/2/20	7,640 7,183 7,169	255 - 295 - 242 -	4,330 - 192 - 303 -	2.664 7.578 7.319	345000 345000 311200	2.25% 2.25%
R10-90Q1.20-P-0049 R10-90Q1.21-P-0033 R10-90Q1.21-P-0048	Check Valve Pump 2 Miller Packing Replacement OD Floc Rotork Actuator Replace OD Recycle	Replacement Replacement Replacement	2/5/21 9/7/21 6/12/22	6,726 6,370 5,750	309 - 306 - 671 -	303 -	6.722 6.674 2.977	311200 345000 366090	1.0% 2.2% 6.67%
R10-90Q1-20-P-0007 R10-90Q1-20-P-0031	Raw Water Turbidimeter - 8P 8.P. Fluoride/Ammonia Pumps	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	11/30/20 7/30/20	5,639 5,297		2,520 - 2,828 -	5.639 7.636	300000 311500	2.00% 3.00%
R10-90Q1.21-P-0029 R10-90Q1.21-P-0035	Replacement Vacuum Prime Ball Check Pump 2 41st Carolina Rebuild	Replacement Replacement	10/12/21 9/7/21	4,792 4,613	4,759		C 168 4.822	367000 369000	5.00% 2.25%
R10-90Q1_20-P-0054 R10-90Q1_20-P-0024	8P/IOD Analysers 8.P. Lab Analysers	Replacement Replacement	1/30/21 7/30/20	4,628 3,213	3,752	3,242 - 5,502 -	2.678 2.213	311500 34600	6.67% J. 67% J. 67% J. 67% J. 67% J. 67% J. 67% J. 68% J. 68% J. 68% J. 68% J. 68% J. 68% J. 69% J.
R10-60Q1.20-P-0037 R10-60Q1.20-P-0049 R10-45Q1.20-P-0004	Pressure Transducer Rpl Stony Crk B Wells 7 - 8 PLC Replace RW High Service Pump Replace Somerset	Replacement Replacement Replacement	10/28/20 1/22/21 8/26/20	4,224 4,079 23,343	28 - 224 - 1,840 - 2,224 - 1,840 - 2,707 - 2,427 - 2,650 - 1,775 - 2,222 - 1,015 - 1,0	3,975 - 1,235 -	4262 430 24,432	367000 323000 313200	3.00% 3.28% 3.88%
R10-85Q1.21-P-0011 R10-80Q1.21-P-0002 R10-80Q1.20-P-0002	Well pump replacements Wabash plant Filter 2 Actuators Filter 1 Actuators	Replacement Replacement Replacement Replacement Replacement	1/26/22 6/16/21 7/9/20	19,066 28,358 26,920	1,840 - 8,549 - 2,707 -	2,781 - 5,860 - 1,545 -	18,165 31,067 28,083	30000 32000 32000	3.22% 2.32% 2.32%
R10-80Q1.20-P-0003 R10-80Q1.20-P-0011 R10-80Q1.20-P-0008	HS 60 Motor Well 62 Pump & Pige Well #1Motor	Replacement Replacement Replacement	7/9/20 12/24/20 8/28/20	21,760 14,849 8,919	3,437 - 4,542 - 2,659 -	2,975 - 1,225 - 2,741 - 5,840 - 1,545 - 1,841 - 3,596 - 2,659 - 1,761 - 2,552 - 969 - 2,225 -	23,355 15,794 8,919	311500 307000 307000	3.77% 3.77%
R10-80Q1-20-P-0010 R10-80Q1-21-P-0005	Well #1 Pump Well #1 Motor	Replacement Replacement	12/24/20 8/12/21	7,822 7,350	1,775 - 2,233 -	1,761 - 2,553 -	7,836 7,030	307000 307000	2.77%
R10-80Q1.22-P-0006 R10-01Q1.21-P-0007	Fluoride Room Relocation NSG Clearwell Bypass (Zube)	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	6/23/22 Est 5/28/22	4,587 74,125	1,057		2.319 74,125	320000 320000	2.81% 2.81%
R10-85Q1.21-P-0010 R10-85Q1.20-P-0009	RPL Pump Well #3 RPL Water Line Chemical Feed Buildi	Replacement Replacement	10/25/21 12/29/20	13,200 10,549	2,101 - 486 -	354 - 5,530 - 5,931 - 3,218 - 3,602 - 3,767 -	9.771 S 104	311500 30E00	3.00% 3.22%
R10-85Q1.21-P-0010 R10-85Q1.21-P-0006	Well #1 Pump Replacement RPL Rackwash Meter	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	1/19/22 9/23/21	6,861 5,339	666 - 1,824 -	3,602 - 3,767 -	2.925 2.296	307000 323000	3.77% 3.77% 3.28%
R10-85Q1-22-P-0005 R10-85Q1-21-P-0009 R10-85Q1-20-P-0002	NEW Lab Spectrophotometer for water RPL Water Line Chemical Feed Bidg RPLEMuent Valve	Replacement Replacement Replacement	3/29/22 10/25/21 2/16/21	4,880 5,299 4,284	249 681	2,602 - 2,227 -	4 990 2.146 2.728	36/000 30/000 32/000	5.07% 3.22% 5.02%
R10-75Q1.19-P-0016 R10-75Q1.20-P-0010 R10-75Q1.20-P-0009	Replace 4 filter Flow control valve Charlestown Well field Electrical Atkins MCC	Replacement Replacement Replacement	11/1/20 2/1/21 11/1/20	44,985 33,987 33,987 33,987 33,987 33,987 33,987 34,987	1,674 - 47,793 -		79,880 (1975) (1	111000 1110000 1110000 1110000 1110000 1110000 1110000 1110000 11100000 11100000 11100000 111000000	5.67% 3.22% 6.67%
Rs0-SSQ1.22-P-000S Rs0-SSQ1.20-P-0022 Rs0-SSQ1.20-P-0007	New motor for well 1 East side WRE 2 new pump column and check val Replace WRE well 2 motor	Explacement	5/4/22 12/21/20 6/30/20	14,100	596 - 595 -	12,627 - 10,122 - 4,290 - 5,908 -	4 660 8.057 501	30E00 30E00	3.75% 3.75% 3.22%
R10-55Q1.21-P-0026 R10-55Q1.20-P-0012 R10-55Q1.21-R-0016	New pump for well 1 Sugar Creek London Rd well 4 pump repair New VSD for Martin Wall 5	Replacement Replacement Replacement	12/29/21 6/20/20 11/10/21	9,676	645 - 432 - 365 -	5,908 - 6,750 -	4212 432 1307	30E00 30E00	3.22% 3.22%
R10-55Q1.21-P-0024 R10-55Q1.21-P-0007	New motor for Marlin well S London Rd Well 3 Pump	Replacement Replacement	12/29/21 6/16/21	7,692 5,945 5,794	979 - 979 -	12,291		30(8)00 30(8)00	3.79% 3.22%
R10-55Q1.22-P-0019 R10-55Q1.21-P-0019	New west well 1 pump Repair 86 well pump	Replacement Replacement Replacement Replacement	3/1/22 12/29/21	5,068 4,527	245 - 215 -	2,186 - 2,802 - 4,697 - 682 - 3,791 - 5,002 -	2 128 1.940	30E00	1296 6476 1276 1276 1276 1276 1276 1276 1276 12
R10-65Q1.20-P-0011 R10-65Q1.20-P-0011 R10-65Q1.20-P-0012	Replace check valve well? WR East Replace High Service #3 at BRWTP Replace High Service #1 Motor at BR	Replacement Replacement Replacement	6/23/20 9/18/20 10/5/20	20,690 9,709	192 1,106 - 346 -	4,497 - 683 -	192 17,299 9,373	30E00 31300 31300	1.00% 1.00%
R10-65Q1.20-P-0017 R10-65Q1.20-P-0009 R10-25Q1.21-P-0011	Replace pump and column pipe on Well Replace Pump on Well #6 Low Service & G st Roads	Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement	2/16/21 10/5/20 12/9/21	7,609 6,310 23,780	592 - 345 - 2,321 -	3,791 - 5,002 -	4 2 10 1 6 5 3 2 6 1 0 1	311530 367000 30800	3.00% 3.00% 3.75%
R10-50Q1-20-P-0006 R10-50Q1-20-P-0006 R10-50Q1-20-P-0008	Replace Flow Meters at MCO at wells Replace Aerator Pipe MCO Aerator Replacement Tubing Liabilit	Replacement Replacement Replacement	11/5/20 9/29/20 12/29/20	31,862 12,315 11,173	3,009 - 1,146 - 1,141 -	284 - 4,661 - 654 - 343 - 124 - 156 8,208	24,587 9 001 11,659	307000 320000 311000	2.77% 2.82% 3.02%
R10-50Q1.21-P-0012 R10-50Q1.21-P-0009 R10-50Q1.23-P-0004	MCD WEllet for Pume/REal Column Pic 4" DeZurik Butterfly valves repl WA Rebuild Autor Effour on Aurotov	Replacement Replacement Replacement	11/30/21 9/28/21 5/15/12	8,134 3,460 3,579	817 - 346 - 365 -	343 - 124 -	8 607 2 682 2 799	X11500 X20100	3.00% 2.50%
Rs0-50Q1.22-P-0002 Rs0-70Q1.20-P-0022	New Auto Flusher for Hudrants at Monts Repl TH High Serv #17 starter w/VFD	Replacement Replacement	3/30/22 6/15/21	2,760 49,774	4,905	8,208	2 760 46,470	368000 313500	4.00% 3.00%
R10-70Q1.20-P-0006 R10-70Q1.21-P-0019	Repl 2 Rotork Actuator-CRS Influent Repl Peerless Pmp Shrine Hill Sistr	Explacement	8/14/20 12/30/21	5,068 4,127 6,068 4,127 7,069 8,070 12,780 1	2013 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8,854 - 211 - 3,162 - 1,166 -	2188 2188 2188 2188 2188 2188 2188 2188	Name	3.795 3.795 1.005 1.005 1.005 2.305 2.305 2.305 1.005
R10-70Q1.20-P-0011	Repl Ammonium Sulf Feed Pump#2 T.H. Repl Lift Station Pump TH Plant	Replacement Replacement	12/29/20 6/25/20	11,464	1,085	1,166	11,393	312530 312500	100% 100%
R10-70Q1.21-P-0018 R10-70Q1.20-P-0018 R10-70Q1.20-P-0015	Rpl aged Rotork Actuator /Basins 3& TH Repl rotork actuator for cell#1 Replace TH Lab Incubator	Replacement Replacement Replacement	12/1/21 12/29/20 11/2/20	10,514 9,765 8,045	1,050 - 996 - 765 -	1,050 - 492 - 4,717 - 165 - 190 -	10,514 10,267 4,092	345000 32000 34600	2.35% 2.35% 6.67%
R10-70Q1.22-P-0012 R10-70Q1.22-P-0002 R10-70Q1.22-P-0006	Repl Cla-Value Farmenburg Rpl flow trans pressure filter #5 T Rpl damaged flouride tank trns pmp	Replacement Replacement Replacement Replacement Replacement Replacement Replacement Replacement	9/10/20 3/30/22 4/29/22	5,729 2,667 1,572	592 - 252 - 160 -	190	6.146 2.529 1.732	355000 365000 367000	1.70% 6.67% 5.00%
R10-70Q1.22-P-0005 R10-70Q1.22-P-0016 R10-47Q1.21-P-0003	Spare trns prop for phosphate tanks New PAPR resp sys chang chior cylin DF Living waters OSEC il pack genera	Replacement Replacement Replacement	4/29/22 5/27/22 5/26/21	1,124 484 29,955	117 -		1.241 494 25.595	367000 367000 32000	5.00% 5.00% 2.50%
R10-47Q1.20-P-0015 R10-47Q1.20-P-0019 R10-47Q1.23-P-0004	DF Hypo Unit pack generator HH analyzer repl pump & parts Sollands installed at Water Salarma	Replacement Replacement Replacement	11/24/20 10/29/20 4/29/22	28,696 2,603 2,045	6,799 - 10,196 - 728 -	11,160	28,892 2 465 2 045	320000 312500	2.50% 3.00%
R10-72Q1.21-P-0002 R10-72Q1.20-P-0005	Repl mulf monet@raw wtr influent RW Riley WW Electrical upgrade/replace	Replacement Replacement Replacement Replacement	8/30/21 5/26/21	75,073 12,845	7,608 - 1,266 - 956 - 865 - 742 - 7,316 - 4,039 - 20,472 - 4,558 -	8,096 - 1,180 - 304 - 781 - 726 - 12,896 - 10,280 - 256 - 4,184 -	74,585 12,992	375000 334500	10% 12% 17% 17% 16% 17% 19% 17% 17%
R10-72Q1.20 P-0006 R10-72Q1.21 P-0008	Riley WW Repl Gear Box om Clarifler Repl Teledyne Isco S800 refridge RW	Replacement Replacement Replacement Replacement	12/29/20 2/23/22	8,632 7,278	865 - 742 -	791 - 726 -	8.717 7.285	383200 383200	199%
R10-90Q1.21-P-0018 R10-90Q1.20-P-0010	8P Low Service Actuators Coagulant Upgrade - 00	Replacement Replacement	12/15/21 11/24/20	88,191 51,904	4,029 - 20,472 -	10,290 - 256 -	81,949 82,121	345000 320000	2.25% 2.85%
R10-90Q1.21-P-0027 R10-90Q1.21-P-0027 R10-90Q1.20-P-0022	Shorewood PLC Replacement Rapid Mix Motor CID O.D. Residual Pumps	Replacement Replacement Replacement Replacement	2/9/21 7/14/21 11/24/20	49,177 9,950 9,030	8,033	4,194 - 2.664 -	48,551 9.950 13,398	368090 363000 313500	2.50% 6.67% 2.25% 8.67% 8.75% 2.50% 9.62%
R30-0116-20-P-0010 R30-90Q1-20-P-0047 R30-10Q1-20-P-0062	Control Panel Removal and Installat Electrical Upgrade Replace Cloth Wi Carbon Exchange	Replacement Replacement Replacement Replacement	2/2/21 11/11/20 12/21/20	7,273 6,994 94,002	8.032 - 715 - 225 - 3,548 - 36,265 -	2,664 - 2,227 - 3,879 - 75,058 - 64 -	5.761 2.660 22,693	308090 30800 32000	8.07% 3.75% 2.35%
R10-10Q1.21-P-0047 R10-01Q1.19-P-0012 R10-60Q1.21-P-0014	Russiaville Media Replacement NOS/TER Well Electrolysis Investiga Backwash Pump & Motor Rol Wayne St	Replacement Replacement Replacement	12/21/21 10/26/20 3/24/22	58,051 127,047 45,456	36,265 - 1,284 -	27,820	94,251 127,047 18,921	322200 307000 311200	5.02% 2.77% 1.88%
R10-60Q1-20-P-0022 R10-60Q1-20-P-0016	Exterior Conduit Rela/Repl WRN WTF Filter 1 Eff Valve Rpl Wayne St WTF	Replacement Replacement Replacement Replacement Replacement	S/19/20 S/19/20		3,520	4,294	12,983	30E00 311500	3.77% 1.88% 8.22% 8.00% 8.00%
R10-60Q1.21-P-0016 R10-60Q1.21-P-0003	CL Scrubber Discharge Sensor Rpl WR RS Flow Meter Replace Connor St	Replacement Replacement	7/29/21 7/29/21 3/29/21	10,561 10,202	727 - 1,255 -		11,288 10,714	311500 320598 311500	2.00% 2.00%
R10-60Q1-21-P-0002 R10-60Q1-22-P-0010 R10-60Q1-21-P-0009	RW Well 8 VFD Replacement Wayne St WTF - Hypo Bidg RestRm Hea Well 8 Motor Replacement RW	Replacement Replacement Replacement Replacement Replacement	3/29/21 6/27/22 2/23/21	10,561 10,202 9,785 6,426 4,831 4,831	727 1,255 - 662 - 806 - 280 - 280 - 256 - 1,882 - 828 - 966 -	763 - 6,020 - 5,089 - 536 - 7,651 - 1,725 - 1,270 - 1,174 - 3,380 -	11,288 10,714 6,228 1,242 4,676 (2,640) (1,681) 2,967 2,722	311500 30E00 311200	3.22% 3.22%
R10-60Q1-21-P-0008 R10-60Q1-20-P-0028 R10-60Q1-20-P-0040	Well 4 Motor Replacement WR Childrine Booster Pump Replace WRN Pump 1 VFD Rpl Stony Creek RS	Replacement Replacement Replacement	2/23/21 6/24/20 9/28/20	4,821 3,445	254 - 1,882 -	7,651 - 1,735 - 1,370 -	(2,640) (1,491) 3.957	311200 312530 323000	1.00% 1.00%
Rs0-60Q1.20-P-0032 Rs0-60Q1.22-P-0011 Rs0-1111.20-P-0003	Packing Drain Rpl Screen Instit W 7, WRN Well #1 SE" Motor REPL Sheridan Lift Station Controls Uppr	Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement Ruplacement	7/29/21 2/29/21 2/29/21 6/27/22 2/23/21 5/23/21 6/24/20 9/28/20 8/26/20 5/25/22 2/25/21 6/15/21	2,691 180,304		1,176 - 2,380 -	2 722 197 180 304	311500 311500 382500	100% 100%
830-6001:22+0009 830-6001:21+0009 830-6001:21+0008 830-6001:20+0008 830-6001:20+0009 830-6001:20+0011 830-6001:20+0011 830-1101:20+0007 830-1101:20+0007 830-1101:20+0006 830-1101:20+0006	Plant Generator Replacement Sludge Beck Disease Improvement	Replacement Replacement Replacement	6/15/21 12/22/20 2/16/21	3,645 3,068 2,621 180,304 109,235 50,137 43,614	7,764 - 5,997 - 5,275 - 2,582 - 562 - 479 -	20,915 - 16,237 - 7,529 -	197 180,304 96,083 29,898 61,361	32028 31360 31360 3000 31300 31300 31360 31360 31360 31360 31360 31400 31400 31400	2.69% 1.00% 1.20% 1.29% 1.89% 1.00% 1.29% 1.00%
R10-11Q1-21-P-0002 R10-11Q1-21-P-0010 R10-11Q1-21-P-0013	Pump Removal & Replacement Sheridan WW RSPLC Sewage Lift Pump	Replacement Replacement Replacement	5/17/21 2/15/22	8,681 8,181 2,042	2,583 · 563 ·	59,288 - 2,071 -	(48,024) 6,674 3,275	375000 334200	3.72% 2.60%
	Valve Actuator REPLC Chlorine Room Heater	Replacement Replacement	8/16/21 3/3/22	3,073 2,737 2,292 30,368		827 - 827 -		380625 35/8000	6.98% 2.37%
R10-11Q1.22-P-0002 R10-11Q1.22-P-0003 R10-45Q1.21-P-0006 R10-45Q1.22-P-0006	Valve Actuator REPLC Chlorine Room Heater REPLC Lab Equipment Analysers Lagoon Valve Replacement Plant 1 Control Panel Rpl Office Generator	Replacement Replacement Replacement Replacement	3/3/22 3/3/22 7/23/21 6/27/22	1,129	807 - 285 - 7,008 - 11 -	534 - 616 -	2.307 2.578 36,842 523	85-0000 89-000 8115-80 80-000	2.576 6.676 5.006 5.605
R10-46Q1.20.P-0003 R10-46Q1.20.P-0007 R10-011.120.P-0011 R10-46Q1.20.P-0010	Repl. East Aeration blower motor Repl. Backflow P92 fill station Warsaw Fiber Modern Replacement	Replacement Replacement Replacement Replacement Replacement	5/7/20 11/16/20 2/25/21	6,510 5,858		2,607 - 605 - 4,078 -	6 137	311530 367000 32000	
R10-46Q1.20-P-0010 R10-01Q1.20-P-0005 R10-80Q1.21-P-0008	Rpi Backwash pump #1 VFD NBG NTDC Filter #1 Media Replacemen Potassium Permanganate Tank Scale	Replacement Replacement Replacement	10/15/20 6/9/20 10/28/21	5,036 5,368	4,236	4,078 - 2,490 -	2.650	311500 320200 30000	3.00% 2.30% 3.00% 8.40%
Rs0-01Q1.21-P-0002 Rs0-75Q1.19-P-0003 Rs0-01Q1.20-P-0016	NPGES Outfall Construction (Zubw) Charlestown Plant Electrical SIO Charlestown Flouride System	Replacement Replacement Replacement Replacement	Est 5/27/22 2/1/21 10/1/21	82,346 262,249 118,540	10,349 - 203,323 -	3,490 - 0 - 1,056 -	2,884 92,695 464,516 118,540 14,106 10,068 13,645 4,818	30800 30800 30800	2.08% 3.75% 2.08%
R10-75Q1.21-P-0006 R10-75Q1.20-P-0013	Binford VFD CL-17sc analyzers and Turbidimeter	Replacement Replacement Replacement Replacement	7/1/21 2/1/21	14,106 10,068	7,348		14,106 10,068	30800 36800	3.75% 6.67%
R10-01M1.21-P-0019 R10-55Q1.20-P-0020	Ligibout Vision segulated for Paractic Vision Segulated Franchis Vision Franchis Vision Segulated Franchis Vision Segulate	Replacement Replacement	7/16/21 12/18/20	5,858 5,036 5,858 82,366 362,249 118,540 14,106 8,362 4,818 48,396 48,007 26,861 10,100 4,734 4,553	2,320	1,966 - 39,206 - 39,206 - 23,714 - 6,609 - 2,822 - 6,398 -	4 8 1 8 11,410	\$12530 \$47000 \$2000 \$12000 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800 \$0800	3.75% 3.22%
R10-55Q1.20-P-0018 R10-55Q1.20-P-0019	Repair work for Martin lighting str Replace New Whiteland booster pump/	Replacement Replacement Replacement Replacement	11/13/20 11/13/20	26,861 10,100	2,220 - 2,288 - 1,290 - 455 - 212 -	29,714 - 6,609 -	11,410 11,089 4 427 2.946 2.124 (1,845)	30E00 30E00	3.22% 3.22% 3.22%
R10-58Q1.20-P-0008 R10-58Q1.20-P-0003	Chemical Metering Pump Transfer Switch for Generator	Replacement Replacement Replacement Replacement	9/25/20 5/27/20	4,553		6,398	(1,845)	320088 311530	1.79% 1.68% 1.79% 1.68% 1.79% 1.62% 1.79% 1.29% 1.
R10-65Q1.20-P-0008 R10-65Q1.20-P-0008 R10-65Q1.21-P-0003	Replace New Whiteland booster pump/ Replace Instrumentation Lendon Nd Chemical Metering Pump Transfer Saleth for Generator Chiosine Probe Dapolius CC2 Free Replace Mack Wash Flow Meter Replaced Graw water Mag Meter Replaced Graw water Mag Meter Replaced Graw water Mag Meter Replaced Users on Exercising Services and Services and Replaced Users on Exercising Services and Ser	Replacement Replacement Replacement	3/4/22 8/24/20 4/16/21	1,219 9,323 9,139	478 - 429 - 439 -	2,784 - 2,191 - 7,332 -	(1,086) 6 571 2 286 6 70 6 420 1 420 2 764 200,512 190,228 157,213 155,939 128,355 17,053 124,065 51,708 49,811 29,061	\$00000 \$2000 \$2000 \$11530 \$2000 \$0000 \$6000 \$6000 \$6000 \$6000 \$6000 \$6000	2.32% 3.79% 6.67%
R10-65Q1.21-P-0007 R10-65Q1.21-P-0008 R10-65Q1.21-P-0009	Replaced fluoride pump at BR Replaced fluoride sensor, card, ante Replace bulk fuel level sensor et B	Replacement	7/28/21 9/1/21 11/15/24	4,727 4,653 2,256	429 - 429 - 44 - 709 - 400 - 179 - 19,885 - 17,579	1,848	A 701 C 461 4 CA3	308090 308090 308090	1701 6476 6476 6476 6476 6476 6476 6476
R10-65Q1.22-P-0006 R10-15Q1.20-P-0016 R10-15Q1.20-P-0016		Replacement Replacement Replacement	\$/2/22 12/23/20	2,585 190,147	179 - 19,385 -		2.764 209,532	30800 30800	1.75% 6476
R10-15Q1-22-P-0008 R10-15Q1-21-P-0007	Muncie GAC 2022 2nd Lab Renovation	Replacement Replacement	5/25/22 11/18/21	157,313 141,790	14,148		157,313 155,929	335300 30800	8.62% 3.75%
R10-15Q1.20-P-0002 R10-15Q1.20-P-0002 R10-01Q1.21-P-0003	Muncle GAC Exchange MUN Tank Access Safety	Auplacement Replacement Replacement	4/20/21 6/6/20 1/28/22	127,360 4,664 128,514	12,868 - 12,389 -	11,872 - 4,669 - 3,791 -	178,355 17,053 124,045	820200 820200 800800	3.75% 2.31% 8.42% 2.48%
#20-15Q1.20-P-0005 R20-15Q1.20-P-0002 R20-15Q1.20-P-0006	Fence row cleanout and replace Upgrade Lab Equipment	Replacement Replacement Replacement Replacement	12/16/21 12/23/20 10/22/20	50,579 45,203 26,418	4,920 - 4,608 - 2,623 -		\$1,708 49,811 29,041	\$2000 \$0800 \$2000 \$2000 \$0800 \$2000 \$0800 \$6800 \$1100	3.70% 8.70% 6.67%
R30-15Q1.21-P-0010 R30-15Q1.21-P-0018 R30-15Q1.21-P-0022	upgate Floculator and Gear Boxes Clear Well Monitoring Upgrades Basin Algae Control System	Replacement Replacement Replacement Replacement Replacement	9/2/21 12/2/21 11/18/21	24,776 22,305 19,040	14,148 - 12,868 - 12,389 - 4,608 - 2,622 - 2,521 - 2,228 - 1,909 -	1,426	22,890 24,533 19,523	811900 86800 820100 80800	8.676 2.326
R10-01Q1.20-P-0014 R10-25Q1.21-P-0004 R10-25Q1.21-P-0002	RiC Tank Access Safety Analyzer & Equipment HS Building Improvements	Replacement Replacement Replacement	11/10/21 12/30/21 12/30/21	171,698 54,118 43,323	8,461 - 6,870 -		171,698 62,578 45,596		1.0% 6.6% 3.2%
120-46(1), 240-46(1) 120-46(1), 240-46(1)	Initial is Libbo Values and Artist Minister (Art. 2012) 20 August 2004 (2012) 20 August 2014 (2014) 20 August	Replacement Replacement Replacement Replacement	11/16/09 12/17/20 12/17/20 12/17/20 14/	1,219 9,229 4,452 2,006 2,505 172,669 177,812 811,700 172,800 173,812 814,700 172,800 173,813 814,700 173,813 814,700 173,814 815,203 204,715 20,203 211,600 211,600 211,600 211,600 211,600 211,600 211,600 211,600 212,600 213,600 2	8,661 6,870 5,785 811 3,625	4,596 - 111 - 34,699 - 6,135 -	29,041 22,890 24,533 19,523 171,698 62,578 45,596 41,428 (1,124) 20,865	80600 80600 83600 83700	2.60% 2.80% 2.77%
R10-25Q1.20 P-0012 R10-0112-21-P-0002 R10-25Q1.21-P-0009	Analizer Richmond Scada Improvements Carbon Sahaust	Replacement Replacement Replacement	12/23/20 12/30/21 12/29/21	13,848 12,792 8,723 6,404,551	1,242 - 2,002 - 1,285 - 957,650 -	- 11	15,090 14,794 10,108 6,275,522	36/000 360/23 30/800	2.10% 8.79% 6.67% 1.00% 6.67% 1.10% 1.67% 8.22% 2.60% 1.10% 1.77% 6.67% 2.60% 1.77% 6.60% 1.77%
			Grand Total	6.404.551	957.650 -	1096.679	6275522		

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of SEI Water Revenue Requirement

Line		Eligible for	Pre-Approved Plan	Replacement	
Number	Description	Property Taxes	Investments	Investments	Total
1	Water Plant Additions Subject to SEI (From Sch-5 and Sch-9):	*	\$45,051,785	\$6,404,551	\$51,456,336
2	Less: Water Retirements (From Sch-5 and Sch-9):	*	1,699,681	1,086,679	2,786,359
3	Plus: Cost of Removal (Cost of Removal less Salvage) (From Sch-5 and Sch-9):	*	224,231	957,650	1,181,880
4	Plus: PISCC, Deferred Depreciation, Deferred Property Tax Reg Asset		1,699,931	1,065,123	2,765,054
5	Net Investor Supplied Water SEI Additions (Line 1 - Line 2 + Line 3 - Line 4):		\$45,276,266	\$7,340,645	\$52,616,911
6					
7	Pre-Tax Rate of Return (From Attachment GDS-1 Schedule 13):		7.74%	7.74%	7.74%
8	Pre-Tax Return on Additions (From Sch-5 and Sch-9):		\$3,503,136	\$567,964	\$4,071,100
9					
10	Property Taxes on Water SEI Additions (From Sch-5 and Sch-9):		\$955,223	\$171,361	\$1,126,584
11					
12	Depreciation on Water SEI Additions (From Sch-5 and Sch-9):		\$1,038,504	\$300,512	\$1,339,016
13	Amortization of Deferred Asset		\$43,820	\$42,728	\$86,548
14			\$1,082,324	\$343,239	\$1,425,563
15					
16	Total SEI Revenues to Determine SEI Per Meter Rate (Line 8 + Line 11 + Line 13):		\$5,540,683	\$1,082,565	\$6,623,248
17					

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Indiana-American Water Company Cause No. 45609 SEI-1 2022 Calculation of SEI Charge

Calculation of SEI Fixed Charge Rate Based on Meter Size Using Meter Billing Units for the Twelve Months Ended October 31, 2022

		Meter Billing Units by Meter Size	AWWA Equivalent		Annualized SEI			
						Pre-Approved		
		For the 12 Months	Meter Flow-	Meter	Revenue	Plan Investments	Replacement Investments	Total
Line	Meter Size	Ended 10/31/2022	Based Ratio	Equivalents	All Projects	Meter Size	Meter Size	Meter Size
Lille	Wieter Size	Lilueu 10/31/2022	baseu Ratio	Equivalents	All Projects	Wieter Size	Wieter Size	Weter Size
1	SEI Revenue (Per Line 15 of Attachme	nt GDS-1, Schedul	e 1):		\$5,540,683	\$1,082,565	\$6,623,248
2	80% of the Re	venue Rider, with 20% b	eing held in a Reg	gulatory Asset		\$ 4,432,546	\$ 866,052	\$ 5,298,598
3	Monthly Rate	per Equivalent 5/8" Me	ter (Total Revenu	e/Total Meter Equi	valents):	\$0.91	\$0.18	\$1.09
	Illustration of	potential rates						
4	5/8"	3,590,811	1.0	3,590,811	\$3,925,064.91	\$0.91	\$0.18	\$1.09
5	3/4"	4,829	1.5	7,244	7,917.77	1.37	0.27	1.64
6	1"	131,703	2.5	329,259	359,907.94	2.29	0.45	2.73
7	1 1/2"	17,069	5.0	85,347	93,291.17	4.57	0.89	5.47
8	2"	68,506	8.0	548,048	599,063.98	7.32	1.43	8.74
9	3"	5,872	15.0	88,087	96,286.44	13.72	2.68	16.40
10	4"	3,366	25.0	84,156	91,989.63	22.86	4.47	27.33
11	6"	1,546	50.0	77,283	84,476.41	45.72	8.93	54.65
12	8"	348	80.0	27,806	30,393.91	73.15	14.29	87.45
13	10"	72	130.0	9,337	10,205.92	118.87	23.23	142.10
14	12"	0	215.0	0	-	\$196.60	\$38.41	\$235.01
15	Total	3,824,123	- -	4,847,376	\$5,298,598.08	•		
16	_							
17	20% of the Re	venue Rider being held i	n a Regulatory As	set		\$ 1,108,137	\$ 216,513	\$ 1,324,650

Note: The American Water Works Association (AWWA) standard Equivalent Meter Flow-Based Ratio is used at the basis for calculation. For example, the safe operating capacity of a 5/8 inch meter is 20 gallons per minute, which is used as the base ratio of 1.0. In contrast to this, a two inch meter has a safe operating capacity of 160 gallons per minute. Thus, on a continuity basis, a two inch meter is the equivalent of eight 5/8 inch meters, and thus the equivalent flow ratio for a two inch meter is 8.0.

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of Depreciation for SEI Projects

Line Number	Account Number	Account Description	SEI Additions	Less: Retirements	Net SEI Additions	Weighted Avg Depreciation Rate	Depreciation Expense
1							
2							
3		Pre-Approved Investments	45,051,785	1,699,681	43,352,104	2.37%	1,026,710
4		Replacements Investment	6,404,551	1,086,679	7,491,229	3.97%	297,099
2							
3		Grand Total:	\$51,456,336	\$2,786,359	\$50,843,333	_	\$1,323,809

Attachment GDS-1 Schedule 4

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Property Taxes Based on 2021 Property Taxes Payable in 2022 Property Taxes Calculation for All Investments

Indiana Property Taxes
(Indiana - American Water Co.)

	2021 Payable in 2022						
Current Parcel	May 10th	Nov. 13th	Total Payment	Total Assessment	Tax Rate		
Pre-Approved Plan Investments	3,590,020	1,383,040	2,769,155	86,194,340	3.21%		
Replacement Investments	294,887	294,679	589,566	21,838,822	2.70%		
	3,884,907	1,677,719	3,358,721	108,033,162	3.11%		
			We	eighted Average	3.11%		

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Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of SEI Water Revenue Requirement

Southern Filter

			Backwash			Northwest Borman	
			Residuals	Mooresville	Charlestown	Park Chlorine and	
Line		Eligible for	Management	Filtration	Filtration	Chemical Storage	
Number	Description	Property Taxes	Improvements	Improvements	Improvements	Improvements	Total
1	Water Plant Additions Subject to SEI (From Attachment SSH-1):	*	\$2,668,685	\$21,660,651	\$13,033,278	\$7,689,171	\$45,051,785
2	Less: Water Retirements (From Attachment SSH-1):	*	4,037	508,863	795,286	391,495	\$1,699,681
3	Plus: Cost of Removal (Cost of Removal less Salvage) (From Attachment SSH-1):	*	\$49,500	\$47,801	\$79,078	\$47,852	\$224,231
4	Plus: PISCC, Deferred Depreciation, Deferred Property Tax Reg Asset		186,887	867,156	397,316	248,572	\$1,699,931
5	Net Investor Supplied Water SEI Additions (Line 1 - Line 2 + Line 3 - Line 4):	-	\$2,901,035	\$22,066,745	\$12,714,386	\$7,594,100	\$45,276,266
6		-					,
7	Pre-Tax Rate of Return (From Attachment GDS-1 Schedule 13):		7.74%	7.74%	7.74%	7.74%	7.74%
8	Pre-Tax Return on Additions (Line 5 X Line7):	-	\$224,460	\$1,707,359	\$983,743	\$587,574	\$3,503,136
9		-					
10	Weighted Avg Property Tax Muni Rate (From Attachment GDS-1 Schedule 8):		3.00%	1.33%	2.59%	3.58%	3.23%
11	Property Taxes on Water SEI Additions (Lines 1-3 X Line10):	-	\$82,269	\$284,883	\$322,207	\$265,864	\$955,223
12		-					,
13	Depreciation on Water SEI Additions (From Attachment GDS-1 Schedule 7):		\$2,691	\$608,837	\$276,844	\$150,132	\$1,038,504
14	Amortization of Deferred Asset		\$4,758	\$24,960	\$8,988	\$5,114	\$43,820
15		-	\$7,448	\$633,798	\$285,832	\$155,246	\$1,082,324
16							
17	Total SEI Revenues to Determine SEI Per Meter Rate (Line 8 + Line 11 + Line 13):	_	\$314,177	\$2,626,039	\$1,591,782	\$1,008,684	\$5,540,683

Indiana-American Water Company Calculation of SEI Charge Cause No. 45609 SEI-1 2022

Calculation of SEI Fixed Charge Rate Based on Meter Size Using Meter Billing Units for the Twelve Months Ended October 31, 2022

		Meter Billing	AWWA		. "	. ,			mated close dat	•	hange)
		Units by Meter Size	Equivalent		Annualized SEI	110-75001	-	110-580004	110-750020	110-900049	T-4-1
	N4-4 C'	For the 12 Months	Meter Flow-	Meter	Revenue	SEI Charge	•	SEI Charge by	SEI Charge by	SEI Charge by	Total
Line	Meter Size	Ended 10/31/2022	Based Ratio	Equivalents	All Projects	Meter Siz	9	Meter Size	Meter Size	Meter Size	Meter Size
1	SEI Revenue (Per Line 15 of Attachmer	nt GDS-1, Schedu	le 5):		\$314,1	77	\$2,626,039	\$1,591,782	\$1,008,684	\$5,540,683
2	80% of the Re	venue Rider, with 20% b	eing held in a Re	gulatory Asset		\$ 251,3	12	\$ 2,100,831	\$ 1,273,426	\$ 806,947	\$ 4,432,546
3	Monthly Rate	per Equivalent 5/8" Met	ter (Total Revenu	ie/Total Meter	Equivalents):	\$0.0)5	\$0.43	\$0.26	\$0.17	\$0.91
	Illustration of	potential rates									
4	5/8"	3,590,811	1.0	3,590,811	\$3,283,516.01	\$0.0)5	\$0.43	\$0.26	\$0.17	\$0.91
5	3/4"	4,829	1.5	7,244	6,623.61	0.0	8(0.65	0.39	0.25	1.37
6	1"	131,703	2.5	329,259	301,081.26	0.:	L3	1.08	0.66	0.42	2.29
7	1 1/2"	17,069	5.0	85,347	78,042.80	0.3	26	2.17	1.31	0.83	4.57
8	2"	68,506	8.0	548,048	501,147.43	0.4	1	3.47	2.10	1.33	7.32
9	3"	5,872	15.0	88,087	80,548.49	0.	78	6.50	3.94	2.50	13.72
10	4"	3,366	25.0	84,156	76,953.99	1.3	30	10.83	6.57	4.16	22.86
11	6"	1,546	50.0	77,283	70,668.81	2	9	21.67	13.14	8.32	45.72
12	8"	348	80.0	27,806	25,426.05	4.:	.5	34.67	21.02	13.32	73.15
13	10"	72	130.0	9,337	8,537.77	6.	74	56.34	34.15	21.64	118.87
14	12"	0	215.0	0	-	\$11.	15	\$93.18	\$56.48	\$35.79	\$196.60
15	Total	3,824,123	<u> </u>	4,847,376	\$4,432,546.22	-					
16	=		=			=					
17											
18	20% of the Re	venue Rider being held i	n a Regulatory A	sset		\$ 62,83	35	\$ 525,208	\$ 318,356	\$ 201,737	\$ 1,108,137
19											

Note: The American Water Works Association (AWWA) standard Equivalent Meter Flow-Based Ratio is used at the basis for calculation. For example, the safe operating capacity of a 5/8 inch meter is 20 gallons per minute, which is used as the base ratio of 1.0. In contrast to this, a two inch meter has a safe operating capacity of 160 gallons per minute. Thus, on a continuity basis, a two inch meter is the equivalent of eight 5/8 inch meters, and thus the equivalent flow ratio for a two inch meter is 8.0.

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of Depreciation for SEI Projects

Line lumber	Account Number	Account Description	SEI Additions	Less: Retirements	Net SEI Additions	Depreciation Rate	Depreciation Expense
1	110-750014	SIOTC Backwash Improvements					
2	304200	Struct & Imp Pumping	\$0	\$0	\$0	2.63%	\$
3	304300	Struct & Imp VT	109,722	4,037	105,685	2.52%	2,66
4	305000	Collect & Impounding	0	0	0	1.24%	2,00
5	311200	Pump Equipment Electric	0	0	0	1.39%	
6	320191	WT Equipment Filter Plant Piping (IN)	0	0	0	2.69%	
7	320100	WT Equipment	2,558,963	0		2.31%	
8	346190	Remote Control & Instrument	0	0	0	6.67%	
9		Sub-Total:	\$2,668,685	\$4,037	\$105,685	2.52%	\$2,66
10	110-580004	MOR Filtration Plant					
11	303400	Land and Land Rights WT	\$0	0	\$0	0.00%	\$
12	304100	Struct & Imp Supply	(747)	22,613	(23,360)	3.22%	(75
13	304200	Struct & Imp Pumping	(1,494)	47,974	(49,468)	2.63%	(1,30
14	304300	Struct & Imp WT	(4,481)	74,589	(79,071)	2.52%	(1,99
15	304400	Struct & Imp T&D	(1,867)	6,488	(8,355)	2.77%	(23
16	304500	Struct & Imp General	(5,228)	48,724	(53,953)	3.75%	(2,02
17	304600	•	(747)	12,707			(49
		Struct & Imp Offices			(13,453)	3.66%	
18	304700	Struct & Imp Store,Shop,Garage	0	0	0	2.08%	
19	304800	Struct & Imp Misc	(373)	10,203	(10,576)	1.45%	(15
20	304610		2,730,857	0	2,730,857	3.69%	100,76
21	309000	Supply Mains	(747)	9,372	(10,119)	1.42%	(14
22	311300	Pumping Equipment	(373)	1,016	(1,390)	4.39%	(6
23	311500	Pumping Equipment	(373)	976	(1,349)	3.00%	(4
24	311530		2,135,200	0	2,135,200	3.00%	64,05
25	320192		4,997,012	0	4,997,012	2.69%	134,42
		Electric materia					
26	334130	Electric meter	(373)	7,113	(7,486)	4.48%	(33
27	334300	Vault	(373)	6,273	(6,646)	2.93%	(19
28	340230	Comp & Periph Equip	(2,241)	15,966	(18,207)	20.00%	(3,64
29	340325	Software	(1,120)	24,691	(25,811)	20.00%	(5,16
30	307000	Wells & Springs	(373)	3,000	(3,373)	2.77%	(9
31	310000	Power Generation Equip	0	0	0	2.28%	
32	311200	Pump Equipment Electric	(2,988)	83,620	(86,608)	1.39%	(1,20
33	311520	Pump Eqp SOS & Pumping				3.00%	(95
			(2,241)	29,574	(31,815)		•
34	320100	WT Equip Non-Media	2,318,128	38,641	2,279,487	2.31%	52,65
35	320190	WT Equipment Set Basin,Clear Well	3,081,883	0	3,081,883	2.69%	82,90
36	320191	WT Equipment Filter Plant Piping (IN)	5,432,446	0	5,432,446	2.69%	146,13
37	320193	WT Equipment Chemical Feed (IN)	753,678	23,958	729,720	2.69%	19,62
38	320200	WT Equipment Filter Media	246,551	0	246,551	9.40%	23,17
39	340100	Office Furniture & Equip	(1,867)	3,470	(5,338)	5.00%	(26
40	343000	Tools,Shop,Garage Equip	(2,614)	3,701	(6,315)	4.00%	(25
41	344000	Laboratory Equipment	(1,120)	3,320	(4,441)	6.67%	(29
							(29
42	345000	Power Operated Equipment	0	0	0	2.25%	
43	346190	Remote Control & Instrument	(1,867)	29,132	(31,000)	6.67%	(2,06
44	347000	Misc Equipment	(1,494)	\$1,741	(3,235)	5.00%	(16
45		Sub-Total:	\$21,660,651	\$508,863	\$21,151,789	2.85%	\$601,92
46	110-750020	SIO Charlestown WTF Improvements				· <u> </u>	
47	304300	Struct & Imp WT	\$214,335	\$185,535	\$28,800	2.52%	\$72
48	303200		\$261,156	\$0	\$261,156	0.00%	\$
49	303600		\$1,065	\$0 \$0	\$1,065	0.00%	\$
		Power Generation Equip		ŞU 0			
50	310000		0		40.536	2.28%	
51	311200	Pump Equipment Electric	49,766	9,230	40,536	1.39%	56
52	311530	Pump Eqp Wtr Treatment	17,081	311,135	(294,054)	3.00%	(8,82
53	320100		12,408,942	0	12,408,942	2.31%	286,64
54	320190	WT Equipment Set Basin,Clear Well	0	0	0	2.69%	
55	320191	WT Equipment Filter Plant Piping (IN)	31,015	0	31,015	2.69%	83
56	320193	WT Equipment Chemical Feed (IN)	6,688	89,516	(82,828)	2.69%	(2,22
57	320200	WT Equipment Filter Media	4,550	0	4,550	9.40%	42
	304800	Equipment inter ivieura	4,550				
58				21,540	(21,540)	1.45%	(31
59	304500		0	178,329	(178,329)	3.75%	(6,68
60	340100		1,649	0	1,649	5.00%	8
61	344000	Laboratory Equipment	606	0	606	6.67%	4
62	346190	Remote Control & Instrument	36,425	0	36,425	6.67%	2,43
63		Sub-Total:	\$13,033,278	\$795,286	\$12,237,992	2.24%	\$273,70
64	110-900049	NWI BP Chlorine Improvements	,,	,	. ,,		7 3), 0
65	303400	Land and Land Rights WT	\$0	\$0	\$0	0.00%	\$
U.S		Lanu anu Lanu Nignis W I					
	303200		\$808,398	\$0	\$808,398	0.00%	\$
	320100		\$6,880,772	\$3,075	\$6,877,697	2.31%	\$158,87
66	304300	Struct & Imp WT	0	0	0	2.52%	
			0	0	0	1.39%	

68	320193	WT Equipment Chemical Feed (IN)	0	388,419	(388,419)	2.69%	(10,448)
69	346190	Remote Control & Instrument	0	0	0	6.67%	0
70		Sub-Total:	\$7,689,171	\$391,495	\$7,297,676	2.03%	\$148,427
71	I10-700014	TER Mecca East Pressure Zone Impr					
72	303400	Land and Land Rights WT	\$0	\$0	\$0	0.00%	\$0
73	304200	Struct & Imp Pumping	0	0	0	2.63%	0
74	304400	Struct & Imp T&D	0	0	0	2.77%	0
75	310000	Power Generation Equip	0	0	0	2.28%	0
76	311200	Pump Equipment Electric	0	0	0	1.39%	0
77	311500	Pump Eqp Other	0	0	0	3.00%	0
78	311540	Pump Eqp T&D	0	0	0	3.00%	0
79	331001	TD Mains Not Classified	0	0	0	1.70%	0
80	331200	TD Mains 6in to 8in	0	0	0	1.70%	0
81	346190	Remote Control & Instrument	0	0	0	6.67%	0
82		Sub-Total:	\$0	\$0	\$0		\$0
83				•			
84		Grand Total:	\$45,051,785	\$1,699,681	\$40,793,141	2.52%	\$1,026,710

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of Depreciation Rate for 304200 and 304300

Line Number	Subsidiary Account	Account Description	NARUC Account	Utility Plant In Service Per Books 12/31/2016	Proposed Annual Depreciation Rate	Total Proposed Depreciation Expense
9	304200	Struct & Imp Pumping - Johnson County	304.20	4,058,379.00	2.62%	106,430.00
10	304200	Struct & Imp Pumping - Carter Street	304.20	3,598,452.59	2.59%	93,045.00
11	304200	Struct & Imp Pumping - Northwest	304.20	9,875,306.79	2.82%	278,199.00
12	304200	Struct & Imp Pumping - Hertzsch and Babb	304.20	2,870,781.64	2.69%	77,342.00
13	304200	Struct & Imp Pumping - Other	304.20	5,459,573.70	2.31%	126,158.00
14				25,862,493.72	2.63%	681,174.00 *
15				-		
16	304300	Struct & Imp WT - Johnson County	304.30	5,688,776.95	2.45%	139,203.00
17	304300	Struct & Imp WT - Carter Street	304.30	5,211,502.87	2.85%	148,482.00
18	304300	Struct & Imp WT - White River and Buck Creek	304.30	4,853,731.80	3.22%	156,289.00
19	304300	Struct & Imp WT - Northwest	304.30	20,372,644.68	2.39%	486,829.00
20	304300	Struct & Imp WT - Middle Fork and Main Station	304.30	4,052,722.77	2.69%	108,973.00
21	304300	Struct & Imp WT - Hertzsch and Babb	304.30	13,002,029.38	2.50%	325,613.00
22	304300	Struct & Imp WT - Warsaw	304.30	4,587,342.60	2.53%	116,275.00
23	304300	Struct & Imp WT - West Lafayette	304.30	8,282,595.53	2.51%	208,212.00
24	304300	Struct & Imp WT - Other	304.30	6,387,283.92	2.08%	133,220.00
25				72,438,630.50	2.52%	1,823,096.00 **

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge

Property Taxes Based on 2021 Property Taxes Payable in 2022

Indiana Property Taxes
(Indiana - American Water Co.)

1 - County 2 - Township 4 - School Property Taxes Calculation for Pre-Approved Plan Investments onl

		5 - Other					2021 Payable in 2022						
County	Municipality	Tax Type:		Map Location	Current Parcel	1	May 10th		Nov. 13th	1	Total Payment	Tot	al Assessment
Clark	Jeffersonville City	1, 2, 4	P Prop	19-50000-1341	10-009-7410	\$	4,998.45	\$	4,998.45	\$	9,996.90	\$	333,230.00
Clark	Jeffersonville City-I.F.W.	1, 2, 4	P Prop	19-51000-1660	10-010-7410	\$	43,855.20	\$	43,855.20	\$	87,710.40	\$	2,923,680.00
Clark	Jeffersonville City-O.F.W.	1, 2, 4	R	19-00006-0851	10-19-01-100-347.000-009	\$	34,548.00	\$	34,548.00	\$	69,096.00	\$	2,303,200.00
Clark	Jeffersonville City-I.F.W.	1, 2, 4	R	19-00031-0300	10-19-00-101-234.000-010	\$	904.50	\$	904.50	\$	1,809.00	\$	60,300.00
Clark	Jeffersonville City-O.F.W.	1, 2, 4	R	19-00053-0341	10-19-00-301-248.000-009	\$	7,263.00	\$	7,263.00	\$	14,526.00	\$	484,200.00
Clark	Jeffersonville City-O.F.W.	1, 2, 4	R	19-00114-0031	10-19-01-200-677.000-009	\$	217.00	\$	217.00	\$	434.00	\$	21,700.00
Clark	Jeffersonville City-O.F.W.	1, 2, 4	R	19-00114-0731	10-19-00-400-078.000-009	\$	6,420.00	\$	6,420.00	\$	12,840.00	\$	428,000.00
						\$	98,206.15	\$	98,206.15	\$	196,412.30	\$	6,554,310.00
Morgan	Mooresville Town	1, 2, 4	P Prop	021-85-00-000-018-	0(55-105-00150-85	\$	18,351.20	\$	18,351.20	\$	36,702.40	\$	2,762,590.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-25-340-006-	0(55-01-25-340-006.000-005	\$	201.94		201.94	\$	403.88	\$	30,400.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-235-009-	0(55-01-35-235-009.000-005	\$	7.31	\$	7.31	\$	14.62	\$	1,100.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-235-010-	0(55-01-35-235-010.000-005	\$	19.93	\$	19.93	\$	39.86	\$	3,000.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-001-	0(55-01-35-280-001.000-005	\$	45.17	\$	45.17	\$	90.34	\$	6,800.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-002-	0(55-01-35-280-002.000-005	\$	1,434.83		1,434.83	\$	2,869.66	\$	216,000.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-004-	0(55-01-35-280-004.000-005	\$	9.30	\$	9.30	\$	18.60	\$	1,400.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-005-	0(55-01-35-280-005.000-005	\$	14.62	\$	14.62	\$	29.24	\$	2,200.00
Morgan	Mooresville Town	1, 2, 4	R	021-01-35-280-006-	0(55-01-35-280-006.000-005	\$	37.20	\$	37.20	\$	74.40	\$	5,600.00
						\$	20,121.50	\$	20,121.50	\$	40,243.00	\$	3,029,090.00
Clark	Charlestown		P Prop			\$	174,776.09		174,776.09		349,552.18		13,515,890.00
						\$	174,776.09	\$	174,776.09	\$	349,552.18	\$	13,515,890.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0037-0013	45-08-07-280-001.000-004	\$	2,813.82		2,813.82		5,627.64	\$	146,200.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0050-0029	45-08-10-436-002.000-004	\$	3,481.69	\$	3,481.69	\$	6,963.38	\$	183,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0052-0013	45-08-11-302-005.000-004	\$	11,710.15		11,350.15		23,060.30	\$	625,500.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0052-0022	45-08-11-302-003.000-004	\$	6,459.76		6,099.76		12,559.52		330,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0052-0023	45-08-11-302-004.000-004	\$	10,240.83		9,880.83		20,121.66	\$	543,000.00
Lake	Gary-Calumet	1, 2, 4	R		0 45-08-20-476-005.000-003	\$	3,231.00		2,871.00	\$	-,	\$	177,400.00
Lake	Gary-Calumet	1, 2, 4	R	25-40-0145-0025	45-03-26-351-001.000-004	\$	632.09	\$	632.09	\$	1,264.18	\$	23,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-41-0080-0007	45-09-06-305-005.000-004	\$	706.89	\$	706.89	\$	1,413.78	\$	27,900.00
Lake	Gary-Calumet	1, 2, 4	R	25-42-0249-0001	45-08-27-161-001.000-004	\$	759.57		579.57		1,339.14	\$	31,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-43-0041-0002	45-08-09-476-001.000-004	\$	2,201.16		2,201.16	\$	4,402.32		111,800.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0055-0002	45-08-04-407-003.000-004	\$	12,089.27		12,089.27		24,178.54	\$	667,000.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0003	45-08-04-430-003.000-004	\$	93.83		93.83	\$	187.66	\$	5,100.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0004	45-08-04-430-004.000-004	\$	93.83	\$	93.83	\$	187.66	\$	5,100.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0005	45-08-04-430-005.000-004	\$	68.89	\$	68.89	\$	137.78	\$	3,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0006	45-08-04-430-006.000-004	\$	68.89	\$	68.89	\$	137.78	\$	3,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0007	45-08-04-430-007.000-004	\$	68.89	\$	68.89	\$	137.78	\$	3,700.00

Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0008	45-08-04-430-008.000-004	\$ 63.55	\$ 63.55	\$ 127.10	\$ 3,400.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0010	45-08-04-430-011.000-004	\$ 63.08	\$ 63.08	\$ 126.16	\$ 2,700.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0011	45-08-04-430-018.000-004	\$ 1,045.28	\$ 1,045.28	\$ 2,090.56	\$ 46,900.00
Lake	Gary-Calumet	1, 2, 4	R	25-44-0056-0020	45-08-04-430-009.000-004	\$ 8.00	\$ 3.00	\$ 11.00	\$ 100.00
Lake	Gary-Calumet	1, 2, 4	R	25-46-0046-0007	45-09-06-303-006.000-004	\$ 901.03	\$ 901.03	\$ 1,802.06	\$ 38,800.00
Lake	Gary-Calumet	1, 2, 4	R	25-46-0341-0024	45-08-21-479-012.000-004	\$ 1,273.49	\$ 913.49	\$ 2,186.98	\$ 39,500.00
Lake	Gary-Calumet	1, 2, 4	R	25-46-0508-0012	45-08-15-401-001.000-004	\$ 368.00	\$ 3.00	\$ 371.00	\$ 10,000.00
Lake	Gary-Calumet	1, 2, 4	R	25-46-0508-0013	45-08-15-401-002.000-004	\$ 368.00	\$ 3.00	\$ 371.00	\$ 10,000.00
Lake	Gary-Calumet	1, 2, 4	R	25-47-0325-0001	45-08-27-328-001.000-004	\$ 1,478.31	\$ 1,118.31	\$ 2,596.62	\$ 51,000.00
Lake	Gary-Calumet	1, 2, 4	P Prop	25-950072	45-704-95007-20	\$ 748,559.64	\$ 748,559.64	\$ 1,497,119.28	\$ 42,030,300.00
						\$ 808,848.94	\$ 805,773.94	\$ 1,614,622.88	\$ 45,122,600.00
					Pre-Approved Plan (first)	1,101,953	1,098,878	2,200,830	68,221,890
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	P Prop	0-18-0000262920	84-00-00-277-145.000-002	\$ 266,112.57	\$ 266,112.57	\$ 532,225.14	\$ 16,830,850.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0616301001	84-06-16-301-001.000-002	\$ 1,217.44	\$ 1,217.44	\$ 2,434.88	\$ 77,000.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0616352001	84-06-16-352-001.000-002	\$ 494.89	\$ 494.89	\$ 989.78	\$ 31,300.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0616377001	84-06-16-377-001.000-002	\$ 1,222.19	\$ 1,222.19	\$ 2,444.38	\$ 77,300.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0621126002	84-06-21-126-002.000-002	\$ 12,792.68	\$ 12,792.68	\$ 25,585.36	\$ 809,100.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0621126003	84-06-21-126-003.000-002	\$ 858.53	\$ 858.53	\$ 1,717.06	\$ 54,300.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0621126004	84-06-21-126-004.000-002	\$ 754.19	\$ 754.19	\$ 1,508.38	\$ 47,700.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0623251001	84-06-23-251-001.000-002	\$ 453.77	\$ 453.77	\$ 907.54	\$ 28,700.00
Vigo	Terre Haute City - Harrison Twp	1, 2, 4	R	1-18-0625129002	84-06-25-129-002.000-002	\$ 256.14	\$ 256.14	\$ 512.28	\$ 16,200.00
							284,162	568,325	17,972,450
						\$ 3,590,020.44	\$ 1,383,040.08	\$ 2,769,155.16	\$ 86,194,340.00

tachment GDS-1 8 Schedule 8

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Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of SEI Water Revenue Requirement

Line		Eligible for	Replacement	
Number	Description	Property Taxes	Projects	Total
1	Water Plant Additions Subject to SEI (From Attachment DH-1):	*	\$6,404,551	\$6,404,551
2	Less: Water Retirements (From Attachment DH-1):	*	1,086,679	1,086,679
3	Plus: Cost of Removal (Cost of Removal less Salvage) (From Attachment DH-1):	*	957,650	957,650
4	Plus: PISCC, Deferred Depreciation, Deferred Property Tax Reg Asset		1,065,123	1,065,123
5	Net Investor Supplied Water SEI Additions (Line 1 - Line 2 + Line 3 - Line 4):		\$7,340,645	\$7,340,645
6		-		
7	Pre-Tax Rate of Return (From Attachment GDS-1 Schedule 13):		7.74%	7.74%
8	Pre-Tax Return on Additions (Line 5 X Line7):		\$567,964	\$567,964
9		-		
10	Weighted Avg Property Tax Muni Rate (From Attachment GDS-1 Schedule 12):		2.70%	2.70%
11	Property Taxes on Water SEI Additions (Lines 1-3 X Line10):	-	\$171,361	\$171,361
12		-		
13	Depreciation on Water SEI Additions (From Attachment GDS-1 Schedule 11):		\$300,512	\$300,512
14	Amortization of Deferred Asset		\$42,728	\$42,728
15			\$343,239	\$343,239
16				
17	Total SEI Revenues to Determine SEI Per Meter Rate (Line 8 + Line 11 + Line 13):		\$1,082,565	\$1,082,565
18		-		

Indiana-American Water Company Calculation of SEI Charge Cause No. 45609 SEI-1 2022

Calculation of SEI Fixed Charge Rate Based on Meter Size Using Meter Billing Units for the Twelve Months Ended October 31, 2022

Line	Meter Size	Meter Billing Units by Meter Size For the 12 Months Ended 10/31/2022	AWWA Equivalent Meter Flow- Based Ratio	Meter Equivalents	Annualized SEI Revenue Replacements	•	olacement Projects	М	Total eter Size
1	SEI Revenue (Per Line 15 of Attachmer	nt GDS-1, Schedu	ıle 9):		<u>\$</u>	1,082,565	\$	1,082,565
2	80% of the Re	venue Rider, with 20% b	eing held in a Re	gulatory Asset		\$	866,052	\$	866,052
3	Monthly Rate	per Equivalent 5/8" Met	er (Total Reveni	ue/Total Meter I	Equivalents):		\$0.18		\$0.18
	Illustration of	potential rates							
4	5/8"	3,590,811	1.0	3,590,811	\$641,548.90		\$0.18		\$0.18
5	3/4"	4,829	1.5	7,244	1,294.15		0.27		0.27
6	1"	131,703	2.5	329,259	58,826.68		0.45		0.45
7	1 1/2"	17,069	5.0	85,347	15,248.37		0.89		0.89
8	2"	68,506	8.0	548,048	97,916.56		1.43		1.43
9	3"	5,872	15.0	88,087	15,737.95		2.68		2.68
10	4"	3,366	25.0	84,156	15,035.64		4.47		4.47
11	6"	1,546	50.0	77,283	13,807.61		8.93		8.93
12	8"	348	80.0	27,806	4,967.86		14.29		14.29
13	10"	72	130.0	9,337	1,668.15		23.23		23.23
14	12"	0	215.0	0	-	_	\$38.41		\$38.41
15	Total	3,824,123		4,847,376	\$866,051.86	_			
16	_		<u>-</u>						
17									
18	20% of the Re	venue Rider being held i	n a Regulatory A	sset		\$	216,513	\$	216,513
19									

Note: The American Water Works Association (AWWA) standard Equivalent Meter Flow-Based Ratio is used at the basis for calculation. For example, the safe operating capacity of a 5/8 inch meter is 20 gallons per minute, which is used as the base ratio of 1.0. In contrast to this, a two inch meter has a safe operating capacity of 160 gallons per minute. Thus, on a continuity basis, a two inch meter is the equivalent of eight 5/8 inch meters, and thus the equivalent flow ratio for a two inch meter is 8.0.

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge Calculation of Depreciation for SEI Projects

Line Number	Account Project Number	Project Description	SEI Additions	Less: Retirements	Net SEI Additions	Depreciation Rate	Depreciation Expense
1	R10-01K3.19-P-4031	MOR Filtration Plant	\$172,430	\$0	\$172,430	10.00%	\$17,243
2	T10-0185-P-1000	SIOTC Backwash Improvements	27,092	0	27,092	10.00%	2,709
3	T10-0184-P-1000	SIO Charleston WTF Improvements	103,040	0	103,040	10.00%	10,304
4	R10-70Q1.21-P-0030	NWI BP Chlorine Improvements	41,293	4111.65	45,404	3.00%	1,362
5 6	R10-70Q1.20-P-0019	TH Rework High Service Pump#17 Replace Motor on TH HIgh Serv Pump	26,701 17,084	8226.65 14312.95	34,928 31,397	3.00% 3.00%	1,048 942
7	R10-70Q1.20-P-0016 R10-70Q1.20-P-0023	Rebuilt Pump#1 at Allendale Booster	11,761	395.49	12,157	3.00%	365
8	R10-47Q1.21-P-0014	Well 13 bearings, pump, clean	58,457	15034.52	73,492	2.77%	2,036
9	R10-47Q1.22-P-0002	DF well 15 pump replacement	44,752	10083.56	54,836	3.00%	1,645
10	R10-47Q1.21-P-0020	HH well 11 rpl pump bowl/sec of pip	19,702	3687.01	23,389	2.77%	648
11	R10-47Q1.20-P-0017	DF high service pump #2	9,616	11965.56	21,582	3.00%	647
12	R10-47Q1.20-P-0016	HH high serv pump #2	8,858	6708.28	15,566	3.00%	467
13	R10-47Q1.21-P-0019	Mac Allister generator batteries	8,758	9914.76	18,672	2.77%	517
14	R10-47Q1.20-P-0011	DF Well #16	-	3989.09	3,989	3.00%	120
15 16	R10-47Q1.21-P-0011 R10-47Q1.21-P-0009	DF cla vlv rpr HSP#1 BBC repair backwash pump	8,525 7,426	859.5 1453.94	9,384 8,880	3.00% 3.00%	282 266
17	R10-47Q1.21-P-0003	DF well 13 VFD Rpl	6,643	2621.73	9,265	2.77%	257
18	R10-47Q1.20-P-0008	HH hig pressure rel valve	-	0	0	1.70%	0
19	R10-47Q1.22-P-0007	Living Waters DF hypo pump	2,127	498.46	2,625	3.00%	79
20	R10-47Q1.21-P-0018	Rotork parts for DF	2,348	937.08	3,285	2.31%	76
21	R10-72Q1.22-P-0003	Microscope to analyze samp aera tan	1,670	0	1,670	6.67%	111
22	R10-90Q1.20-P-0020	B.P. Backwash Improvements	293,976	0	293,976	2.25%	6,614
23	R10-90Q1.20-P-0038	BP HS6 Discharge Piping Replacement	121,751	96566.76	218,318	3.53%	7,707
24	R10-90Q1.20-P-0011	Repl Basin Drain Pump-BP	87,130	5322.06	92,452	3.00%	2,774
25 26	R10-90Q1.21-P-0005	Low Service #3 OD Pump Rebuild	75,620	64325.78	139,946	2.33%	3,261
26 27	R10-90Q1.20-P-0059 R10-90Q1.20-P-0034	Manual Transfer Switch Generator BP O.D. Backwash Pump 3 Actuator	66,220 65,876	7309.14 34078.98	73,530 99,955	1.45% 1.39%	1,066 1,389
28	R10-90Q1.20-P-0034	B.P. Replace Shaft and Bearings #7	44,895	7183.41	52,079	3.00%	1,562
29	R10-90Q1.21-P-0002	Phosphate Pump Replacement	40,817	0	40,817	5.00%	2,041
30	R10-90Q1.21-P-0007	5 MGD HS Pump OD	33,301	0	33,301	1.39%	463
31	R10-90Q1.20-P-0032	65th & Miss. #3 Pump Seals	21,750	4133.92	25,884	3.00%	777
32	R10-90Q1.21-P-0031	NWI 13th & Jennings;	20,164	13700.79	33,865	2.52%	853
33	R10-90Q1.20-P-0023	B.P. #7 H.S. Actuator	17,378	2538.21	19,916	3.00%	597
34	R10-90Q1.21-P-0054	MLK Motor Bearing Rebuild	16,865	12725.09	29,590	1.39%	411
35 36	R10-90Q1.21-P-0045	Vacuum System OD Racin Ruma Syspect and Drive Shaft	16,244	6596.53 0	22,840	2.25% 2.25%	514 358
37	R10-90Q1.21-P-0016 R10-01L6.20-P-0012	Basin Pump Support and Drive Shaft Floc VFD Replacement Project	15,908 15,902	10618.21	15,908 26,520	6.67%	1,769
38	R10-90Q1.21-P-0008	Replace Bearings Blower OD	15,832	827.06	16,659	2.25%	375
39	R10-90Q1.20-P-0043	Pre Chlorine Booster Pump and Drive	15,285	1261.86	16,547	3.00%	496
40	R10-90Q1.20-P-0036	Turbidimeters - OD	11,809	7488.86	19,298	3.00%	579
41	R10-90Q1.21-P-0009	Rapid Mix OD Motor Rebuild	11,778	0	11,778	2.25%	265
42	R10-90Q1.21-P-0023	MLK Pump 3 Motor Refurb	9,475	0	9,475	2.25%	213
43	R10-90Q1.20-P-0028	O.D. Recycler 36" Valve Step Replac	9,180	4095.3	13,275	3.75%	498
44	R10-01L6.20-P-0017	Recycle VFD Comm Replacements	7,640	4330.4	11,970	6.67%	798
45 46	R10-90Q1.21-P-0028	Pump 1 VFD Replacement Shorewood	7,183	0 192.37	7,183	2.25%	162 102
47	R10-90Q1.20-P-0060 R10-90Q1.20-P-0049	Soft Start 41st Carolina Check Valve Pump 2 Miller	7,169 6,726	302.66	7,361 7,029	1.39% 1.39%	98
48	R10-90Q1.21-P-0033	Packing Replacement OD Floc	6,370	0	6,370	2.25%	143
49	R10-90Q1.21-P-0048	Rotork Actuator Replace OD Recycle	5,750	3444.57	9,195	6.67%	613
50	R10-90Q1.20-P-0007	Raw Water Turbidimeter - BP	5,639	0	5,639	2.48%	140
51	R10-90Q1.20-P-0031	B.P. Fluoride/Ammonia Pumps	5,297	2520.39	7,817	3.00%	235
52	R10-90Q1.20-P-0042	Flouride Sensor and Pump Upgrades	4,994	2828.2	7,822	2.48%	194
53	R10-90Q1.21-P-0029	Replacement Vacuum Prime Ball Check	4,792	0	4,792	5.00%	240
54	R10-90Q1.21-P-0035	Pump 3 41st Carolina Rebuild	4,613	0	4,613	2.25%	104
55	R10-90Q1.19-P-0067	Chlorine Analyzers - OD	4,442	3241.86	7,684	2.69%	207
56 57	R10-90Q1.20-P-0054 R10-90Q1.20-P-0024	BP/OD Analyzers B.P. Lab Analyzers	4,428 3,213	5502.18 0	9,930 3,213	3.00% 6.67%	298 214
58	R10-60Q1.20-P-0037	Pressure Transducer Rpl Stony Crk B	4,224	0	4,224	5.00%	211
59	R10-60Q1.20-P-0049	Wells 7 - 8 PLC Replace RW	4,079	3975.23	8,054	2.28%	184
60	R10-45Q1.20-P-0004	High Service Pump Replace Somerset	23,343	1234.84	24,578	1.39%	342
61	R10-45Q1.21-P-0011	Well pump replacements Wabash plant	19,066	2740.78	21,807	3.22%	702
62	R10-80Q1.21-P-0002	Filter 2 Actuators	28,358	5839.9	34,198	2.31%	790
63	R10-80Q1.20-P-0002	Filter 1 Actuators	26,920	1544.55	28,465	2.31%	658
64	R10-80Q1.20-P-0003	HS #3 Motor	21,760	1840.61	23,600	3.00%	708
65	R10-80Q1.20-P-0011	Well #2 Pump & Pipe	14,849	3596.03	18,445	2.77%	511
66 67	R10-80Q1.20-P-0008	Well #1 Nump	8,919	2659.13	11,578	2.77%	321
67 68	R10-80Q1.20-P-0010 R10-80Q1.21-P-0005	Well #1 Pump Well #1 Motor	7,822 7,350	1761.43 2553.21	9,583 9,903	2.77% 2.77%	265 274
69	R10-80Q1.21-P-0006	Well #1 Capacitor Bank	6,315	969.06	7,284	2.77%	202
70	R10-80Q1.22-P-0006	Fluoride Room Relocation	4,587	2324.75	6,912	2.31%	160
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71	R10-01Q1.21-P-0007	NBG Clearwell Bypass (Zube)	74,125	0	74,125	2.31%	1,712
72		** * *					746
	R10-85Q1.21-P-0005	Filter Valve Replacement	24,519	353.67	24,873	3.00%	
73	R10-85Q1.21-P-0010	RPL Pump Well #3	13,200	5529.63	18,730	3.00%	562
74	R10-85Q1.20-P-0009	RPL Water Line Chemical Feed Buildi	10,549	5931.16	16,481	3.22%	531
75	R10-85Q1.20-P-0010	Electrical upgrade for Filters	7,573	3217.69	10,791	3.22%	347
76	R10-85Q1.21-P-0013	Well #1 Pump Replacement	6,861	3601.66	10,463	2.77%	290
77	R10-85Q1.21-P-0006	RPL Backwash Meter	5,339	3767	9,106	2.28%	208
78	R10-85Q1.22-P-0005	NEW Lab Spectrophotometer for water	4,880	0	4,880	6.67%	326
79	R10-85Q1.21-P-0009	RPL Water Line Chemical Feed Bldg	5,299	2402.3	7,701	3.22%	248
80	R10-85Q1.20-P-0002	RPL Effluent Valve	4,284	2227.42	6,512	9.40%	612
81	R10-75Q1.19-P-0016	Replace 4 filter Flow control valve	348,122	0	348,122	6.67%	23,220
82	R10-75Q1.20-P-0010	Charlestown Well field Electrical	120,952	0	120,952	3.22%	3,895
83	R10-75Q1.20-P-0009	Atkins MCC	84,013	13636.96	97,650	6.67%	6,513
84	R10-55Q1.22-P-0005	New motor for well 1 East side	14,100	10133.48	24,234	3.22%	780
							603
85	R10-55Q1.20-P-0022	WRE 2 new pump column and check val	11,781	4289.55	16,071	3.75%	
86	R10-55Q1.20-P-0007	Replace WRE well 2 motor	-	0	0	3.22%	0
87	R10-55Q1.21-P-0026	New pump for well 1 Sugar Creek	9,676	5908.08	15,584	3.22%	502
88	R10-55Q1.20-P-0012	London Rd well 4 pump repair	-	0	0	3.22%	0
89	R10-55Q1.21-P-0016	New VFD for Marlin Well 5	7,692	6749.8	14,442	3.22%	465
90	R10-55Q1.21-P-0024	New motor for Marlin well 5	5,945	0	5,945	3.75%	223
91	R10-55Q1.21-P-0007	London Rd Well 3 Pump	5,794	12290.82	18,085	3.22%	582
92	R10-55Q1.20-P-0011	Replaced Well pump WRE 3	-	0	0	2.52%	0
93	R10-55Q1.22-P-0003	New west well 1 pump	5,068	3186	8,254	3.22%	266
94	R10-55Q1.21-P-0019	Repair #6 well pump	4,527	2801.64	7,328	3.22%	236
95	R10-55Q1.20-P-0010	Replace check valve well3 WR East	-	0	0	3.22%	0
96	R10-65Q1.20-P-0011	Replace High Service #3 at BRWTP	20,690	4496.91	25,187	3.00%	756
97						3.00%	
	R10-65Q1.20-P-0012	Replace High Service #1 Motor at BR	9,709	683.16	10,393		312
98	R10-65Q1.20-P-0017	Replace pump and column pipe on Wel	7,409	3791.05	11,200	3.00%	336
99	R10-65Q1.20-P-0009	Replace Pump on Well #4	6,310	5002.07	11,312	5.00%	566
100	R10-25Q1.21-P-0011	Low Service & G st Roads	23,780	0	23,780	3.75%	892
101	R10-50Q1.20-P-0006	Replace Flow Meters at MCO at wells	31,862	283.75	32,146	2.77%	890
102	R10-50Q1.20-P-0004	Replace Aerator Pipe MCO	12,315	4460.79	16,776	2.31%	388
103	R10-50Q1.20-P-0008	Aerator Replacement Tubing Liabilit	11,173	654.1	11,827	3.00%	355
104	R10-50Q1.21-P-0012	MCO WEII#1 Rpr Pump/REpl Column Pip	8,134	343.44	8,477	3.00%	254
105	R10-50Q1.21-P-0009	4" DeZurik Butterfly valves repl WA	3,460	124.31	3,585	2.31%	83
106	R10-50Q1.22-P-0004	Rebuild Aertor Blower on Aerator	3,579	155.51	3,734	2.31%	86
107	R10-50Q1.22-P-0002	New Auto Flusher for Hydrants at Montgon	2,760	0	2,760	4.00%	110
108	R10-70Q1.20-P-0022	Repl TH High Serv #17 starter w/VFD	49,774	8208.09	57,982	3.00%	1,739
109	R10-70Q1.20-P-0024	Upgrade/Replace TH hoist/cranes ins	23,061	0	23,061	2.25%	519
110	R10-70Q1.20-P-0004	Repl 2 Rotork Actuator-C#3 Influent	19,275	8853.67	28,129	2.69%	757
		•					
111	R10-70Q1.21-P-0019	Repl Peerless Pmp Shrine Hill Bstr	18,135	210.74	18,346	3.00%	550
112	R10-70Q1.21-P-0018	Rpl Sull Well #5 Pump	15,051	3162.2	18,213	3.00%	546
113	R10-70Q1.20-P-0006	Repl Ammonium Sulf Feed Pump#2 T.H.	11,464	1165.62	12,629	3.00%	379
114	R10-70Q1.20-P-0011	Repl Lift Station Pump TH Plant	(0)	0	(0)	3.00%	0
115	R10-70Q1.21-P-0013	Rpl aged Rotork Actuator /Basins 3&	10,514	1050	11,564	2.25%	260
116	R10-70Q1.20-P-0018	TH Repl rotork actuator for cell#1	9,765	493.49	10,258	2.31%	237
117	R10-70Q1.20-P-0015	Replace TH Lab Incubator	8,045	4717.24	12,762	6.67%	851
118	R10-70Q1.20-P-0012	Repl Cla-Valve Farmersburg	5,729	164.97	5,894	1.70%	100
119	R10-70Q1.22-P-0002	Rpl flow trans pressure filter #5 T	2,467	190.23	2,658	6.67%	177
120	R10-70Q1.22-P-0006	Rpl damaged flouride tank trns pmp	1,572	0	1,572	5.00%	79
121	R10-70Q1.22-P-0005	Spare trns pmp for phosphate tanks	1,124	0	1,124	5.00%	56
122	R10-70Q1.22-P-0016	New PAPR resp sys chang chlor cylin	484	0	484	5.00%	24
123	R10-47Q1.21-P-0003	DF Living waters OSEC B pack genera	29,955	11159.61	41,115	2.31%	950
	R10-47Q1.20-P-0015	DF Hypo Unit pack generator					
124		,, , ,	28,686	0	28,686	2.31%	663
125	R10-47Q1.20-P-0019	HH analyzer repl pump & parts	3,403	666.09	4,070	3.00%	122
126	R10-47Q1.22-P-0004	Bollards installed at Water Salesma	2,045	0	2,045	3.22%	66
127	R10-72Q1.21-P-0002	Repl muff monst@raw wtr influent RW	75,073	8096.25	83,169	3.70%	3,077
128	R10-72Q1.20-P-0005	Riley WW Electrical upgrade/replace	12,845	1179.63	14,025	2.61%	366
129	R10-72Q1.20-P-0007	Repl Hydromatic pump RWW Lagoon lif	9,461	303.87	9,765	3.70%	361
130	R10-72Q1.20-P-0006	Riley WW Repl Gear Box om Clarifier	8,632	780.65	9,413	1.95%	184
131	R10-72Q1.21-P-0008	Repl Teledyne Isco 5800 refridge RW	7,278	736.3	8,014	1.95%	156
132	R10-72Q1.21-P-0004	Rpl backup lift stat pump Frye Rd-R	7,229	13896.14	21,125	3.70%	782
133	R10-90Q1.21-P-0018	BP Low Service Actuators	88,191	10280.39	98,471	2.25%	2,216
134	R10-90Q1.20-P-0010	Coagulant Upgrade - OD	51,904	255.56	52,159	2.31%	1,205
135	R10-01L6.20-P-0015	Shorewood PLC Replacement	48,177	4184.33	52,362	6.67%	3,493
136	R10-90Q1.21-P-0027	Rapid Mix Motor OD	9,950	0	9,950	2.25%	224
137	R10-90Q1.20-P-0033	O.D. Residual Pumps	9,030	3664.48	12,694	3.00%	381
138	R10-01L6.20-P-0010	Control Panel Removal and Installat	7,273	2227.33	9,501	6.67%	634
139	R10-90Q1.20-P-0047	Electrical Upgrade Replace Cloth Wi	6,994	3879.08	10,873	3.75%	408
140	R10-10Q1.20-P-0062	Carbon Exchange	94,002	75057.54	169,060	2.31%	3,905

Attachment GDS-1 Schedule 12

Indiana-American Water Company Cause No. 45609 SEI-1 2022

Service Enhancement Improvement Charge

Property Taxes

Based on 2020 Property Taxes Payable in 2021

Indiana Property Taxes (Indiana - American Water Co.)

Property Taxes Calculation for Replacement Investments

					2	021 Pa	ayable in 2022			
County	Municipality	Av	g. May 10th	Av	g. Nov. 13th	Avg.	Total Payment		Avg. Total Assessment	Tax Rate
Clark	Charlestown	\$	25,074.33	\$	25,071.90	\$	50,146.22	\$	1,951,284.29	2.57%
Porter	Chesterton	\$	8,830.34	\$	8,825.34	\$	17,655.68	\$	705,767.50	2.50%
Montgomery	Crawfordsville	\$	40,421.67	\$	40,421.67	\$	80,843.34	\$	2,270,023.33	3.56%
Howard	Kokomo	\$	14,757.77	\$	14,755.41	\$	29,513.18	\$	983,753.60	3.00%
Morgan	Mooresville	\$	2,238.29	\$	2,236.90	\$	4,475.19	\$	336,565.56	1.33%
Delaware	Muncie City	\$	44,172.14	\$	44,165.59	\$	88,337.73	\$	2,945,593.75	3.00%
Warrick	Newburgh	\$	7,913.57	\$	7,913.57	\$	15,827.15	\$	726,446.67	2.18%
Wabash	Noble	\$	8,169.53	\$	8,166.20	\$	16,335.73	\$	1,261,878.33	1.29%
Hamilton	Noblesville	\$	13,321.44	\$	13,319.58	\$	26,641.02	\$	1,093,359.44	2.44%
Wayne	Richmond City	\$	15,041.32	\$	15,040.90	\$	30,082.22	\$	1,015,852.58	2.96%
Vigo	Riley	\$	3,818.29	\$	3,638.29	\$	7,456.58	\$	291,095.00	2.56%
Jackson	Seymour City	\$	26,650.02	\$	26,650.02	\$	53,300.05	\$	1,983,520.00	2.69%
Shelby	Shelbyville	\$	20,893.19	\$	20,893.19	\$	41,786.39	\$	1,448,000.00	2.89%
Hamilton	Sheridan	\$	8,961.17	\$	8,958.61	\$	17,919.78	\$	582,353.33	3.08%
Vigo	Terre Haute	\$	26,028.37	\$	26,027.46	\$	52,055.83	\$	1,646,868.18	3.16%
Wabash	Wabash	\$	9,881.08	\$	9,880.08	\$	19,761.15	\$	1,099,265.00	1.80%
Kosciusko	Warsaw	\$	18,714.29	\$	18,714.29	\$	37,428.57	\$	1,497,195.71	2.50%
								١	Veighted Average	2.70%
		\$	294,886.81	\$	294,679.01	\$	589,565.82	\$	21,838,822.28	2.70%

Used for all Investments

Attachment GDS-1

Schedule 13

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Indiana-American Water Company Cause No. 45609 SEI-1 2022

Service Enhancement Improvement Charge Rate of Return Calculation

Based on Actual Capital figures as of October 31, 2022. ROE as Approved in Cause No. 45142

Line Number	Class of Capital		Amount as of 10/31/2022	Percent of Total	(%) Cost	Weighted Cost	Pre-Tax Weighted Cost
1.	Long Term Debt	\$	557,834,343	38.09%	4.73%	1.80%	1.80%
2. 3.	Accumulated Deferred Investment Tax Credits - Pre 1971		263,433,226	17.99%	0.00%	0.00%	0.009
4. 5. 6.	Job Development Investment Tax Credits (JDITC) - Post 1970		617,419	0.04%	7.47%	0.00%	0.009
7. 8.	Other Capital Elements		(15,922,394)	-1.09%	0.00%	0.00%	0.009
9. 10.	Common Equity		658,396,350	44.96%	9.80%	4.41%	5.939
11.	Total Capitalization	\$	1,464,358,944	100.00%		6.21%	7.749
13.	Tax Gross-Up Calculation:						
	Gross Revenue Change			100.0000%			
15	Less: Uncollectible Expense		_	1.0167%			
16 17	Total Before Gross Income and IURC Fees (Line 14 - Line 15)		-	98.9833%			
18	Less: IURC Fee IURC Fee Rate for 2018/2019 Rate: 0.1202041%	_	0.1202%	0.1190%			
19 20	Total Before Gross Income Taxes (Line 16 - Line 18)		-	98.8643%			
21	Less: State Income Tax		4.9000%	4.8444%			
22	Less: Utility Receipts Tax	_	0.0000%	0.0000%			
23 24	Total before Federal Income Taxes (Line 19 - Line 21 - Line 22)		-	94.0199%			
25 26	Less: Federal Income Taxes (21% X Line 23)	_	21.00%	19.7442%			
27 28	Total after Income Taxes (Line 23 - Line 25)		-	74.2757%			
29	Gross Revenue Conversion Factor (1 / Line 27)		=	134.6335%			
30	Expenses Tax Gross-Up Calculation:						
31	Gross Revenue Change			100.0000%			
32	Less: Uncollectible Expense		_	1.0167%			
33 34	Total Before Gross Income and IURC Fees (Line 14 - Line 15)		-	98.9833%			
35	Less: IURC Fee IURC Fee Rate for 2018/2019 Rate: 0.1202041%	_	0.1202%	0.1190%			
36 37	Total Before Gross Income Taxes (Line 16 - Line 18)		-	98.8643%			
38	Less: State Income Tax		0.0000%	0.0000%			
39	Less: Utility Receipts Tax Total hefers Foderal Income Tayon (Line 10, Line 31, Line 32)	_	0.0000%	0.0000%			
40 41	Total before Federal Income Taxes (Line 19 - Line 21 - Line 22)		- 0.000/	98.8643%			
42 43 44	Less: Federal Income Taxes (21% X Line 23)	_	0.00%	0.0000%			
44 45	Total after Income Taxes (Line 23 - Line 25)		-	98.8643%			
46	Gross Revenue Conversion Factor (1 / Line 27)		-	101.1487%			
lculatio	on of Blended Indiana State Income Tax Rate:		Rate	Income Tax	Number of	Percentage of	Weighted
	Description		Year	Rate	Months at Rate	Months at Rate	Rate
.90% Tax	Rate Effective 7/1/2021 - 6/30/2022		2021	4.90%	12	100.0%	4.90009 4.90009

Gross Up and ROE from Final Order Cause No. 45142.

	Calculation for JDITC Cost Percent	_			
Debt		\$557,834,343	45.87%	4.73%	2.17%
Equity		658,396,350	54.13%	9.80%	5.31%
		1,216,230,693.25	100.00%		7.47%

Cause No. 45609 SEI-1 Indiana American Water Company Corrected Attachment GDS-3

FILED

December 9, 2022 INDIANA UTILITY REGULATORY COMMISSION

Indiana-American Water Company Cause No. 45609 SEI-1 2022 Service Enhancement Improvement Charge PISCC, Depreciation, and Property Tax Deferral

	Deferred			erred	Accrued Property
	PISCC		рер	reciation	Taxes
Pre-Approved Projects:					
Mooresville Filtration 580004	\$	608,398	\$	258,757	
Southern Filter 750014	\$	137,694	\$	49,193	
Charleston Filtration 750020	\$	295,995	\$	101,321	
Northwest Borman Park 900049	\$	194,548	\$	54,025	
Subtotal Pre-Approved	\$	1,236,635	\$	463,296	\$ -
(first category)					
Recurring	\$	655,132	\$	409,991	
(second category)					
Total SEI 10/31/2022	\$	1,891,767	\$	873,287	\$ -
		·		·	- Nothing booked

 Nothing booked or recorded yet

:tachment GDS-3 R1 Schedule 1 Page 1 of 1

TOTAL

\$ 867,156
\$ 186,887
\$ 397,316
\$ 248,572
\$ 1,699,931

\$ 1,065,123

\$ 2,765,054