

**STATE OF INDIANA**

**INDIANA UTILITY REGULATORY COMMISSION**

**PETITION OF COMMUNITY UTILITIES OF )  
INDIANA, INC. FOR APPROVAL OF (A) A )  
NEW DISTRIBUTION SYSTEM )  
IMPROVEMENT CHARGE (“DSIC”) )  
PURSUANT TO IND. CODE CHAP. 8-1-31; (B) ) **CAUSE NO. 45998 DSIC-1**  
A NEW RATE SCHEDULE REFLECTING )  
THE DSIC; AND (C) INCLUSION OF THE )  
COST OF ELIGIBLE DISTRIBUTION )  
SYSTEM IMPROVEMENTS IN ITS DSIC )**

**REPORT**

**OF**

**THE INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR**

**TESTIMONY OF JAMES T. PARKS**

**PUBLIC’S EXHIBIT NO. 2**

Respectfully submitted,

INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR



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**CERTIFICATE OF SERVICE**

This is to certify that a copy of the *Report of the OUCC - Testimony of James T. Parks Public's Exhibit No. 2* has been served upon the following captioned proceeding by electronic service February 5, 2024.

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**TESTIMONY OF OUCC WITNESS JAMES T. PARKS  
CAUSE NO. 45998 DSIC 1  
COMMUNITY UTILITIES OF INDIANA, INC.**

**I. INTRODUCTION**

1 **Q: Please state your name and business address.**

2 A: My name is James T. Parks, P.E., and my business address is 115 West Washington  
3 Street, Suite 1500 South, Indianapolis, IN 46204.

4 **Q: By whom are you employed and in what capacity?**

5 A: I am a Registered Professional Engineer in the State of Indiana employed by the  
6 Indiana Office of Utility Consumer Counselor ("OUCC") as a Senior Analyst in  
7 the Water/Wastewater Division. My qualifications and experience are described in  
8 Appendix A.

9 **Q: What is the purpose of your testimony?**

10 A: Community Utilities of Indiana, Inc. ("Community Utilities," "CUII," "Petitioner,"  
11 or "Utility") seeks to include additional water system capital improvement costs in  
12 a water Distribution System Improvement Charge ("DSIC"). I show Petitioner has  
13 not kept accurate service line asset records or records of previous service line  
14 replacements that were usually undertaken as emergency repairs. Petitioner also did  
15 not provide information at the time of filing this DSIC that was required by the  
16 Settlement Agreement with the OUCC in the Cause No. 44646 DSIC filing for its  
17 Twin Lakes Division. Finally, my testimony explains that five service lines  
18 replaced and authorized to be included in rates in Cause No. 45651 had already  
19 been replaced and the costs of those replacements included in rate base in Cause

1 No. 44724. In my professional opinion, there was no engineering or operational  
2 basis to replace these relatively new service lines. I recommend these five service  
3 lines be investigated no later than CUII's next rate case to determine whether they  
4 were already replaced and whether the associated cost should be removed from rate  
5 base.

6 **Q: Please describe the review and analysis you conducted for your testimony.**

7 A: I reviewed the Petition and portions of the testimony and attachments of Andrew  
8 Dickson (Exhibit 1). I reviewed portions of Petitioner's recent Indiana Utility  
9 Regulatory Commission ("Commission" or "IURC") Annual Reports. I also wrote  
10 discovery requests and reviewed Petitioner's responses. Through discovery, I  
11 sought to understand the costs for Petitioner's water main and service line  
12 replacement projects. I reviewed documents provided in Petitioner's last rate case  
13 filed in 2021 as Cause No. 45651 and in Petitioner's last DSIC filed in 2015 as  
14 Cause No. 44646. I reviewed various documents, which I refer to in my testimony  
15 and have attached to my testimony and listed in Appendix B.

16 **Q: If you do not discuss a particular proposal, statement, or position of Petitioner,**  
17 **does that mean you agree with Petitioner on that subject?**

18 A: No. My silence on any specific topic or adjustment does not indicate approval of or  
19 agreement with Petitioner's statement or position. My opinions and  
20 recommendations are limited to those I explicitly state.



## II. WATER SYSTEM CHARACTERISTICS

1 **Q: Please describe Community Utilities' water system.**

2 A: Community Utilities is a Class A public water and wastewater utility organized as  
3 an investor-owned corporation. CUII provides service to 5,366 water customers and  
4 3,562 wastewater customers.<sup>1</sup> CUII owns and operates water systems in three  
5 divisions in northwest Indiana. These divisions include: 1) Indiana Water Service,  
6 Inc. ("IWSI"), 2) Twin Lakes Utilities, Inc. ("TLUI" or "Twin Lakes"), and 3)  
7 Water Service Company of Indiana, Inc. ("WSCI"). CUII provides water and  
8 wastewater services at its TLUI and WSCI divisions but provides only water  
9 service at IWSI. IWSI purchases the water it provides from Indiana-American  
10 Water Company because IWSI does not have its own water treatment or storage  
11 facilities.

12 **Q: When did Community Utilities begin operation?**

13 A: CUII's history goes back to the 1960s with the Twin Lakes division. In 1968,  
14 Petitioner acquired the utility formed to provide water and wastewater services for  
15 "Lakes of the Four Seasons," which is a gated community in Lake and Porter  
16 Counties that started in 1966.<sup>2, 3</sup> CUII and its predecessor have had control of Twin  
17 Lakes almost since its inception. In 2001, CUII subsidiaries acquired Lincoln  
18 Utilities, Inc. of Merrillville (Lake County) and Jasper-Newton Utilities, Inc.

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<sup>1</sup> CUII served 5,174 residential and 192 commercial water customers and 3,354 residential and 208 commercial wastewater customers as of December 31, 2022.

<sup>2</sup> Community Utilities of Indiana, Inc. 2022 IURC Annual Report, p. E-2.

<sup>3</sup> <https://www.chicagotribune.com/2016/04/15/milestone-inside-the-gate-lofs-marks-50-years-2/>

1 (Jasper and Newton Counties).<sup>4, 5</sup>

2 In 2015, the Commission approved the transfers to CUII by merger of all  
3 water and wastewater (as applicable) utility plant, property, and other assets,  
4 including the certificates of territorial authority of IWSI, TLUI, and WSCI.<sup>6</sup> CUII  
5 received approval of single tariff pricing at the same time.

### III. DISCREPANCIES IN ASSET REPORTING

6 **Q: Please summarize CUII's water assets.**

7 A: In its draft Asset Management Plan, CUII listed 277,121 lineal feet (52.5 miles) of  
8 water main ranging in size from 1-1/2-inch diameter PVC pipe to 12-inch asbestos  
9 cement pipe.<sup>7</sup> Petitioner also reported it has ten groundwater wells (eight wells at  
10 Twin Lakes and two wells at WSCI), three water treatment plants (two at Twin  
11 Lakes and one at WSCI), and four water storage tanks (three at Twin Lakes and  
12 one 10,000 gallon hydro-pneumatic tank at WSCI).

13 **Q: Do the water main lengths listed by CUII in its draft Asset Management Plan**  
14 **match the water main inventory reported in its IURC Annual Reports?**

15 A: No. In its 2022 IURC Annual Report, CUII reports having 21% more water mains

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<sup>4</sup> Indiana Water Service, Inc. a wholly owned Utilities, Inc. subsidiary, was created to acquire and operate the water distribution facilities of Lincoln Utilities, Inc. The acquisition was approved in Cause No. 41873 on December 19, 2001.

<sup>5</sup> Water Service Company, Inc. a wholly owned Utilities, Inc. subsidiary, was created to acquire and operate the water and wastewater facilities of Jasper-Newton Utilities, Inc. The acquisition was approved in Cause No. 41950 on November 20, 2001.

<sup>6</sup> Cause No. 44587, July 8, 2015.

<sup>7</sup> Cause No. 45651, response to OUCC Data Request 5-50, Community Utilities of Indiana, Inc. draft Asset Management Plan, August 2021.

1 than it listed in the draft Asset Management Plan.<sup>8</sup> The higher amount indicated in  
2 the Annual Report could possibly be due to Petitioner not retiring water mains from  
3 its Asset Register when they are replaced. I attempted to reconcile water main  
4 inventory and replacements over the last five years but found the exercise to be  
5 impossible because Petitioner's reported water main inventory is varied and  
6 inconsistent from year to year.

7 **Q: What do you recommend for Petitioner's water main and service line**  
8 **reporting?**

9 A: I recommend Petitioner submit an up-to-date water main inventory in its IURC  
10 Annual Reports on page W-9 to accurately report CUII's water main assets by  
11 diameter and pipe type and provide an annual accounting of water mains added,  
12 replaced, and retired. CUII should also accurately report the cost of all water main  
13 and service line additions and retirements on pages W-3(a) and W-3(c).

#### **IV. DSIC FILING INFORMATION**

14 **Q: Was lack of support an issue in Petitioner's previous DSIC filing?**

15 A: Yes. DSIC cases have a very limited 30-day calendar period for the OUCC to file  
16 its report.<sup>9</sup> This approximates to only 20 business days. I testified in Petitioner's  
17 last DSIC case (Twin Lakes, Cause No. 44587) that any further applications for  
18 infrastructure improvement charges should be based on distinct collection system  
19 plant projects or distinct distribution system plant projects that are well described

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<sup>8</sup> In its 2022 IURC Annual report on page W- CUII reported it had 337,296 lineal feet ("LF") (63.9miles) of water mains ranging in size from 2-inches to 12-inches in diameter.

<sup>9</sup> 170 IAC 6-1.1 Distribution System Improvement Charges

1 and include an explanation of why the project is needed, the benefits resulting to  
2 the utility and its customers upon completion, and the age of the plant that has been  
3 replaced. I also recommended Petitioner should further be required to provide  
4 support within its case that reveals all costs of any single project included in a  
5 request for infrastructure improvement charge.

6 A major issue was identifying all claimed charges by project and the need  
7 to include supporting invoices at the time the DSIC was filed so the OUCC will not  
8 have to determine missing information from Petitioner's case-in-chief, write data  
9 requests, and wait on responses before beginning the OUCC's review.<sup>10</sup> Providing  
10 the invoices and invoice listing by project when the DSIC is filed promotes  
11 administrative efficiency and lower ratepayer costs because these tasks are done  
12 before filing by CUII staff rather than assembling them through legal discovery  
13 after the DSIC is filed.

14 **Q: What agreement was reached in Cause No. 44646 DSIC regarding CUII's next**  
15 **DSIC and the filing of supporting information?**

16 **A:** Petitioner and the OUCC reached a Settlement Agreement in which the parties  
17 agreed to develop a mutually agreeable framework for presenting future

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<sup>10</sup> Cause No. 44646, Public's Exhibit No. 2, James T. Parks Testimony, p. 8, July 30, 2015.

1 infrastructure improvement charge requests, including when CUII will provide  
2 support documentation for all claimed DSIC projects, costs, and retirements.<sup>11</sup>

3 **Q: What framework was agreed upon in the Settlement Agreement for presenting**  
4 **future infrastructure improvement charge requests?**

5 A: It was agreed the framework will incorporate the following principles:

- 6 (a) For any petition for infrastructure improvement charge, Twin Lakes shall  
7 provide as a workpaper, contemporaneous with its case-in-chief, all invoices  
8 for jobs or projects on which the requested infrastructure improvement charge  
9 is based. All invoices shall be grouped or segregated by job so that anyone  
10 reviewing the application may readily identify all costs associated with a  
11 particular job or project. Every job or project, the cost of which is requested to  
12 be included in an infrastructure improvement charge, shall be identified and all  
13 costs associated with the job or project shall be identified. Jobs shall be  
14 identified by nature of the project, initiation date, completion date, location, and  
15 materials used. The filing shall also identify and quantify for each project or job  
16 the cost of site restoration.
- 17 (b) All costs associated with a particular job, the costs of which are sought to be  
18 included in an infrastructure improvement charge, shall be included in an excel  
19 document which shall be writable, sortable by job, and included with Twin  
20 Lakes' workpapers.
- 21 (c) Any claim for "captive" shall identify the particular job or project associated  
22 with the "captive" as well as the number of hours associated with the project,  
23 the name of the personnel providing the hours, the cost per hour, and the nature  
24 of the work performed. A determination of compliance with this subsection is  
25 not a per se determination that the claimed "captive" is eligible, reasonable, or  
26 otherwise qualifies to be included in Twin Lakes' infrastructure improvement  
27 charges. The OUCC retains all legal defenses that may be raised to any request  
28 to include "captive" in infrastructure improvement charges.
- 29 (d) All retirements for any project or job, the cost of which is requested to be  
30 included in an infrastructure improvement charge, shall be tied to the project or  
31 job. The application shall state the age of the plant that is being retired, its net  
32 original cost, the date of the retirement, and the associated job or project. For  
33 each project or job requested to be included in an infrastructure improvement  
34 charge, Twin Lakes shall set forth a description of the project, an explanation

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<sup>11</sup> See Attachment JTP-1 for the Cause No. 44646, Settlement Agreement, August 12, 2015.

1 of why the project is needed, and the benefits resulting to the Twin Lakes and  
2 its customers upon completion.

3 (e) In accordance with 170 IAC 6-1.1-5(a)(6), Twin Lakes shall include in its case-  
4 in- chief a general outline of its plans to replace distribution and collection  
5 system infrastructure in the next five years.

6 (f) Subject to other defenses that may be raised, the OUCC agrees compliance  
7 with the provisions of this section meets the requirements of 170 IAC 6-  
8 1.1-S(a) (1) and (6).

9 (g) The expression of the requirements in this section shall not be deemed a waiver  
10 of any other evidentiary requirement. The requirements of this section shall  
11 be in addition to any other proof otherwise required by law to make a  
12 case for an infrastructure improvement charge.

13 (h) Agreement by the OUCC in any subsequent case that Twin Lakes has  
14 complied with the requirements described in this section shall not be  
15 construed as a waiver or admission by the OUCC that any cost of any  
16 particular job or project included in that case is eligible, reasonable, or  
17 should otherwise be included in Twin Lakes' infrastructure improvement  
18 charge. To that end, the OUCC retains all other legal defenses that may  
19 be raised to any claim for infrastructure improvement charge.<sup>12</sup>

20 **Q: Did CUII and the OUCC develop a mutually agreeable framework before**  
21 **CUII filed DSIC 1?**

22 A: No. However, in the absence of the parties establishing a framework for  
23 presentation of future infrastructure improvement charge requests, the  
24 previously listed provisions were to serve as that framework.<sup>13</sup>

25 **Q: What is your opinion of the Settlement Agreement's listed provisions?**

26 A: I believe the provisions were well thought out, well written, reasonable and in the  
27 best interests of ratepayers and administrative efficiency. Had Petitioner followed  
28 the listed provisions as agreed, the OUCC's review would have been more efficient  
29 with less discovery required. Critical information such as invoices grouped by  
30 project, Excel project cost summary spreadsheets, and retirement costs would have

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<sup>12</sup> *Id.*, pages 2-4.

<sup>13</sup> *Id.*, p. 4.

1           been filed contemporaneously as workpapers in Petitioner's case-in-chief  
2           testimony. This would have enabled OUCC and IURC staff reviews earlier in the  
3           30-day review period and minimized the OUCC's efforts and time expended  
4           drafting discovery questions.

5   **Q:   What do you recommend concerning Petitioner's next DSIC submittal?**

6   A:   To improve administrative efficiency and assist review of the requested DSIC  
7           projects, costs, and retirements, I recommend that Petitioner follow the agreed  
8           framework for submittal of supporting documentation that was developed for the  
9           Settlement Agreement in Cause No. 44646.

**V.   DIFFERENCE BETWEEN CUII'S PROJECTED AND ACTUAL**  
**SERVICE LINE REPLACEMENT COSTS**

10   **Q:   Please identify the water distribution system projects included in this DSIC.**

11   A:   In his testimony in Attachment AWD-2, CUII witness Mr. Dickson lists six DSIC  
12           projects and three General Ledger Additions that I have reformatted and show in  
13           Table 1 with the project numbers (e.g., CP2021261) in a separate column. In my  
14           testimony I address the four water main and service line replacement projects,  
15           including two adjustments at Twin Lakes and IWSI.

16   **Q:   Has Petitioner previously projected annual investments in water main and**  
17           **service line replacement projects?**

18   A:   Yes. In Cause No. 44724, CUII projected annually investing \$200,000 for water  
19           main replacements and \$180,000 for service line replacements for a total  
20           investment of \$360,000 per year. CUII based its service line replacement costs on

1 replacing 60 service lines per year at an average cost of \$3,000 per service line.<sup>14</sup>

2 **Q: Has Petitioner met its spending targets on water main and service line**  
3 **replacements?**

4 A: Petitioner has exceeded its proposed target budgets. It appears in the last three years  
5 (2021 to 2023) Petitioner spent 80% more than originally projected. Based on Mr.  
6 Dickson's costs shown in Attachment AWD-2, which I summarize in Table 1,  
7 Petitioner spent nearly \$2 million over the last three years or an average of  
8 approximately \$650,000 per year.

**Table 1**  
**Community Utilities DSIC Projects - Attachment AWD-2<sup>15</sup>**

<b>Description</b>	<b>Project No.</b>	<b>Total Costs</b>	<b>Recovered in Cause No. 45651</b>
Indiana - 2021 AMR Installation	CP 2021049	\$ 505,942	\$ 124,470
IN - 2022 - Indiana - Water Meter Replacements	CP 2022168	519,821	124,470
2021 - IN - IWS - 2022 Watermain replacement	CP 2021261	682,377	675,555
Adjustment - Invoice 20231215110542.pdf	CP 2021261	79,678.95	
2021 - IN - TLUI - Watermain and service lines	CP 2021262	248,167	247,201
Adjustment - Invoice 20231215113513.pdf	CP 2021262	14,345	
IN - 2023 - TLUI - Watermain/serv. line replace.	CP 2023123	360,617	359,130
IN - 2023 - IWSI - Watermain replacement	CP 2023124	575,279	454,924
Net General Ledger Additions since 09/30/23 to:			-
Trans/Dist. Mains		50,684	-
Service Lines		52,533	-
Hydrants		7,400	
<b>Total Additions</b>		<b>\$3,096,843</b>	<b>\$1,985,751</b>

<sup>14</sup> See Attachment JTP-2 for the Cause No. 44724 Technical Conference No. 5 Materials and Agenda. See also Attachment JTP-3 for the Cause No. 44724 Quarterly Reports regarding the Twin Lakes water system.

<sup>15</sup> Petitioner's four water main and service line replacement projects at Twin Lakes and IWSI totaling \$1,957,463.95 are highlighted in blue.



1 **Q: Historically, what has Petitioner paid to replace service lines?**

2 A: Based on invoices from Central Sewer & Water in Cause No. 44724, Twin Lakes  
3 division paid an average of \$69 per foot to install new copper service lines from  
4 2009 to 2016 or \$3,500 per service line. Replacement typically included 50 LF of  
5 new 1-inch copper service line, new curb stops, and new curb boxes (also known  
6 as Buffalo boxes or B-boxes). These costs did not include lawn restoration which  
7 was performed by a separate contractor. I tabulated historical service line  
8 replacement costs in Attachment JTP-4, and I provide the Central Sewer & Water  
9 invoices in Attachment JTP-5 for service line work at Twin Lakes.

10 **Q: What cost has Petitioner paid recently to replace service lines?**

11 A: Most service line replacements have been completed in conjunction with water  
12 main replacements, making it difficult to determine a separate service line  
13 replacement cost. However, Petitioner reported that it replaced 850 LF of only  
14 service lines for 30 services along Hidden Valley Drive in Project 2021 - IN - TLUI  
15 - Watermain and service lines, CP 2021262. Petitioner reported the replacement  
16 cost was \$262,512 (includes a \$14,345 adjustment) averaging \$8,750 per service  
17 line or \$309 per LF. This is 2.5 times my calculated 2009 to 2016 average service  
18 line replacement cost (unadjusted for inflation).

19 **Q: How many service lines have been repaired or replaced along Hidden Valley**  
20 **Drive in the Lakes of the Four Seasons?**

21 A: In Cause No. 45651, CUII witness Loren Grosvenor included a map of service line  
22 breaks and replacement/repairs and cost estimates for water main and service line  
23 projects in Attachments LG-3 and LG-4. *See* Attachment JTP-6. In response to  
24 discovery, Petitioner reported that CUII had historically completed full service line

1 replacement from the main to the curb box at 54 connections.<sup>16</sup> Petitioner also  
2 reported for Project 2021 - IN - TLUI - Watermain and service lines (Hidden Valley  
3 Drive), CP 2021262 that it had replaced not 30 service lines as listed in the project  
4 description discussed earlier but 40 service lines.

## VI. POTENTIAL DOUBLE COUNTING OF SERVICE LINE PROJECTS

5 **Q: In the course of your DSIC review, did you encounter any additional issues**  
6 **that need to be addressed?**

7 A: Yes. During my review of this DSIC, I requested information about Hidden Valley  
8 Drive service line replacements from the last ten years. My review of responses to  
9 discovery lead me to conclude that three of the service lines replaced and authorized  
10 to be included in rates in Cause No. 45651 had already been replaced, and the costs  
11 of those replacements were included in rate base in Cause No. 44724. CUII's  
12 previous contractor, Central Sewer & Water, had already invoiced for full  
13 replacement of the curb stops, curb boxes, and polyethylene service lines with  
14 copper service lines and new curb stops and curb boxes at three addresses in the  
15 Hidden Valley Drive project.<sup>17</sup>

16 Also, two additional dual service lines (long service) serving customers on  
17 Wallhaven Ct. and Walnut Hill Circle had also been reported as previously replaced

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<sup>16</sup> See Attachment JTP-7 for Petitioner's responses to OUCC DR 3-1 regarding service line replacements along Hidden Valley Drive and OUCC DR 4-3 regarding service line replacements along Wallhaven Ct. and Walnut Hill Circle.

<sup>17</sup> Due to issues with pre-billing \$230,112.80 for work never done on nine separate spot sewer repairs at unidentified locations in the Lakes of the Four Seasons in December 2015, Petitioner severed its relationship with Central Sewer & Water in 2016 and fired two utility employees.

1 by Central Sewer & Water.<sup>18</sup> There was no engineering or operational basis to  
2 replace these service lines again. In this DSIC, CUII reports it replaced these two  
3 additional service lines again under Project IN - 2023 - TLUI - Watermain/service  
4 line replacements, CP 2023123.<sup>19</sup> During replacement, the contractor and engineer  
5 should have detected the polyethylene lines had already been replaced with copper  
6 service lines.

7 **Q: What are the addresses for these previously reported replaced water service**  
8 **lines that were again replaced in Cause No. 45651?**

9 A: These addresses are as follows:

10 1993 Hidden Valley Drive - 18 ft. service line B-Box and curb stop already  
11 replaced on 07/28/14 - *See* CS&W Invoice 3817, 07/30/14, \$2,725.32.

12 2062 Hidden Valley Drive - 55 ft. service line, B-Box and curb stop already  
13 replaced on 07/06/11 - *See* CS&W Invoice 2992, 07/21/11, \$2,550.50.

14 2130 Hidden Valley Drive - 52 ft, service line, B-Box and curb stop already  
15 replaced on 07/20/15 - *See* CS&W Invoice 4077, 08/03/15, \$4,718.32.

16 4031 and 4032 Walnut Hill Circle - 60 ft. service line, B-Box and curb stop  
17 already replaced on 08/07/15 - *See* CS&W Invoice 4092, 08/07/15, \$5,677.32.

18 3359 and 3360 Wallhaven Ct. – 19 ft. service line B-Box and curb stop  
19 already replaced on 4/20/16- *See* CS&W Invoice 4240, 05/11/16, \$3,292.82.

20 **Q: What was the service line replacement cost for these five services?**

21 A: CUII does not identify the costs for each individual service line. I estimate the total  
22 cost for the three Hidden Valley Drive service lines is \$38,000 based on 123 feet  
23 combined service line length that I measured from the design drawings and the pro-

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<sup>18</sup> A long service using a single service line to serve two adjacent customers is commonly used for customers on the opposite side of the street from the water main. In this situation the service line branches off to individual curb stops and curb boxes for each house.

<sup>19</sup> *See* Attachment JTP-7.

1 rated share of the \$262,511.68 costs for the reported 850 feet length of all 30 service  
2 lines replaced on Hidden Valley Drive.<sup>20</sup> The three duplicate service lines at 123  
3 feet combined length are 14.5% of the reported 850 feet total replaced service line  
4 length. For the two duplicate service lines on Wallhaven Ct. and Walnut Hill  
5 Circle, I estimate the total cost to be approximately \$10,000 based on the Pay  
6 Application of the contractor, Guardian Utilities, that was provided in response to  
7 OUCC DR 4-3. *See* OUCC Attachment JTP-8 for the Guardian Utilities Pay  
8 Application that lists the individual costs of the project components and my  
9 calculations of the share of the replacement costs for these duplicate services.

10 **Q: What do you recommend for the costs that were included in rate base for these**  
11 **apparently duplicate service lines?**

12 A: I recommend the matter be investigated and addressed no later than CUII's next  
13 rate case to determine whether the service lines were already included in rate base  
14 because they were already installed. If so, the invoiced amounts, plus CUII captime  
15 and lawn restoration costs, should be removed from rate base. Due to the limited  
16 time available for reviewing DSICs, I have not yet reviewed other invoiced charges  
17 from Cause No. 44724 for these previously reported service line replacements. As  
18 such, the OUCC will include such a review in our evaluation when CUII files its  
19 next rate case.

20 **Q: What do you recommend for inclusion in this DSIC?**

21 A: Although the apparently duplicated service line replacements added \$48,000 of  
22 UPIS to rate base in the prior rate case (Cause No. 45651), in this DSIC Petitioner

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<sup>20</sup> The 850 total length of the Hidden Valley Drive service lines and the \$262,511.58 cost are taken from Mr. Dickson Direct Testimony, Attachment AWD-3, page 4. Petitioner provided the design drawings in response to DR 3-1.

1 is only requesting a Net DSIC Eligible Investment of \$1,487 for the Wallhaven Ct.  
2 and Walnut Hill Circle water main and service line replacement project and \$965  
3 for the Hidden Valley Drive service line replacement project.<sup>21</sup> It is unclear whether  
4 those costs relate to the duplicated service line replacements. As such, given the  
5 brief time within which the Commission has to issue its order in this DSIC, I do not  
6 recommend eliminating those expenditures from UPIS for purposes of this DSIC.  
7 I recommend that these duplicate service line replacements be evaluated along with  
8 the estimated \$48,000 share of the total project costs in CUII's next rate case to  
9 determine whether an amount that should be removed from rate base.

## VII. RECOMMENDATIONS

10 **Q: What are your recommendations?**

11 **A:** I recommend the following:

- 12 1. In any future DSICs, Petitioner should follow the framework for submittal of  
13 supporting documentation that was developed for the Settlement Agreement in  
14 Cause No. 44646.
- 15 2. I recommend Petitioner submit an up-to-date water main inventory in its IURC  
16 Annual Reports on page W-9 to accurately report its water main assets by  
17 diameter and pipe type and provide an annual accounting of water mains added,  
18 replaced, and retired. CUII should also be ordered to accurately report the cost

---

<sup>21</sup> Project IN - 2023 - TLUI - Watermain/service line replacements (Wallhaven Ct. and Walnut Hill Circle), CP 2023123 and Project 2021 - IN - TLUI - Watermain and service lines (Hidden Valley Drive), CP 2021262 respectively.

1 of all water main and service line additions and retirements on pages W-3(a)  
2 and W-3(c).

3 3. I recommend the five apparently duplicate service line replacements on Hidden  
4 Valley Drive, Wallhaven Ct., and Walnut Hill Circle be investigated no later  
5 than CUII's next rate case to determine whether they were already replaced and  
6 the amount that should be removed from rate base.

7 **Q: Does this conclude your testimony?**

8 A: Yes.

## Appendix A

1 **Q: Please describe your educational background and experience.**

2 A: In 1980 I graduated from Purdue University, where I received a Bachelor of Science  
3 degree in Civil Engineering, having specialized in Environmental Engineering. I  
4 then worked with the Peace Corps for two years in Honduras as a municipal  
5 engineer and as a Project Engineer on self-help rural water supply and sanitation  
6 projects funded by the U.S. Agency for International Development (U.S. AID). In  
7 1984 I earned a Master of Science degree in Civil Engineering and Environmental  
8 Engineering from Purdue University. I have been a Registered Professional  
9 Engineer in the State of Indiana since 1986. In 1984, I accepted an engineering  
10 position with Purdue University, and was assigned to work as a process engineer  
11 with the Indianapolis Department of Public Works ("DPW") at the City's Advanced  
12 Wastewater Treatment Plants. I left Purdue and subsequently worked for  
13 engineering consulting firms, first as a Project Engineer for Process Engineering  
14 Group of Indianapolis and then as a Project Manager for the consulting firm HNTB  
15 in Indianapolis. In 1999, I returned to DPW as a Project Engineer working on  
16 planning projects, permitting, compliance monitoring, wastewater treatment plant  
17 upgrades, and combined sewer overflow control projects.

18 **Q: What are the duties and responsibilities of your current position?**

19 A: My duties include evaluating the condition, operation, maintenance, expansion, and  
20 replacement of water and wastewater facilities at utilities subject to Indiana Utility  
21 Regulatory Commission ("Commission") jurisdiction.

22 **Q: Have you previously testified before the Commission?**

23 A: Yes.

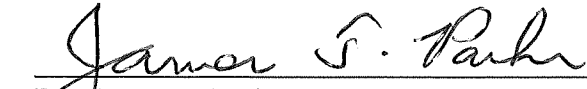
**Appendix B - List of Attachments**

- JTP-1 Cause No. 44646, Settlement Agreement, August 12, 2015.
- JTP-2 Cause No. 44724 Technical Conference Materials, Agenda, and Minutes.
- JTP-3 Cause No. 44724 Quarterly Reports regarding the Twin Lakes water system.
- JTP-4 Historical service line replacement costs by Central Sewer & Water, 2009 to 2016.
- JTP-5 Central Sewer & Water invoices for service line replacements.
- JTP-6 Cause No. 45651, Attachment LG-3 Water Main and Service Line Breaks and Attachment LG-4 – Cost Estimates for Proposed Water Main and Service Line projects.
- JTP-7 Petitioner's response to OUCC DR 3-1a. regarding historical service line replacements along Hidden Valley Drive, OUCC DR 3-1b. regarding service line replacements for Project 2021 - IN - TLUI - Watermain and service lines, CP 2021262 and OUCC DR 4-3 regarding service line replacements along Wallhaven Ct. and Walnut Hill Circle for Project IN - 2023 - TLUI - Watermain/service line replacements, CP 2023123.
- JTP-8 Guardian Utilities Pay Application provided in response to OUCC DR 4-3 and OUCC calculations of the share of the replacement costs for the previously replaced service lines.



**AFFIRMATION**

I affirm the representations I made in the foregoing testimony are true to the best of my knowledge, information, and belief.

  
By: James T. Parks  
Cause No. 45998 DSIC-1  
Office of Utility Consumer Counselor (OUCC)

Date: February 5, 2024

**STATE OF INDIANA**

**INDIANA UTILITY REGULATORY COMMISSION**

**PETITION OF TWIN LAKES UTILITIES, )  
INC. FOR APPROVAL OF (A) A WATER )  
INFRASTRUCTURE IMPROVEMENT )  
CHARGE ("WIIC") PURSUANT TO IND. )  
CODE CHAP. 8-1-31; (B) A SEWER )  
INFRASTRUCTURE IMPROVEMENT ) CAUSE NO. 44646  
CHARGE ("SIIC") PURSUANT TO IND. )  
CODE CHAP. 8-1-31; (C) NEW RATE )  
SCHEDULES REFLECTING THE WIIC AND )  
SIIC; AND (D) INCLUSION OF THE COSTS )  
OF ELIGIBLE INFRASTRUCTURE )  
IMPROVEMENTS IN ITS WIIC AND SIIC )**

**STIPULATION AND SETTLEMENT AGREEMENT**

Petitioner Twin Lakes Utilities, Inc. ("TLUI," "Twin Lakes" or "Petitioner") and the Indiana Office of Utility Consumer Counselor ("OUCC") (collectively the "Settling Parties"), stipulate and agree for the purposes of resolving the issues in this Cause to the terms and conditions set forth below (which terms and conditions and the exhibits attached thereto are collectively referred to herein as the "Settlement").

1. With respect to its collection system infrastructure improvement charge, TLUI agrees to withdraw its request to include amounts associated with "1345 - Sewer Force Main", "1365 - Flow Measuring Devices", and "1380 - Pumping Equipment", as well as, the amounts of interest during construction and capitalized time associated with the Sewer Improvement Project. This withdrawal is without prejudice, and TLUI retains the right to seek recovery of such amounts under other recovery mechanisms in a subsequent proceeding subject to all defenses the OUCC may seek to raise. The resulting adjustments reduce the Petitioner's net investor supplied collection system infrastructure additions by \$124,529. The adjusted additions that are subject to

the collection system infrastructure improvement charge rate calculation for wastewater becomes \$625,519.

2. With respect to its distribution system infrastructure improvement charge (DSIC), TLUI agrees to withdraw its request to include amounts associated with “1125 – Transmission & Distribution Mains,” as well as the amounts associated with capitalized time in its DSIC surcharge calculation. This withdrawal is without prejudice, and TLUI retains the right to seek recovery of such amounts under other recovery mechanisms in a subsequent proceeding subject to all defenses the OUCC may seek to raise. The resulting adjustments reduce the Petitioner’s net investor supplied DSIC additions by \$119,093. The adjusted additions that are subject to the DSIC rate calculation for water becomes \$195,787.

3. Approval of Water and Wastewater Infrastructure Improvement Charges. As shown in the accounting schedules attached hereto as Exhibit 1, the Settling Parties stipulate and agree that a water DSIC in the amount of \$0.14 per 1,000 gallons, designed to produce revenues of \$26,442, should be approved. The Settling Parties further agree that a wastewater infrastructure improvement charge in the amount of \$2.36 per customer, designed to produce revenues of \$87,608, should be approved. The Settling Parties agree that approval of the requested infrastructure improvement charges does not constitute a waiver by either party as to what types of projects may be considered eligible or ineligible for infrastructure improvement charge treatment in subsequent filings.

4. Presentation of Future Infrastructure Improvement Charge Requests. The Settling Parties agree to work collaboratively to develop a mutually-agreeable framework for the

presentation of future infrastructure improvement charge requests. Such framework would incorporate the following principles:

- (a) For any petition for infrastructure improvement charge, Twin Lakes shall provide as a workpaper, contemporaneous with its case-in-chief, all invoices for jobs or projects on which the requested infrastructure improvement charge is based. All invoices shall be grouped or segregated by job so that anyone reviewing the application may readily identify all costs associated with a particular job or project. Every job or project, the cost of which is requested to be included in an infrastructure improvement charge, shall be identified and all costs associated with the job or project shall be identified. Jobs shall be identified by nature of the project, initiation date, completion date, location, and materials used. The filing shall also identify and quantify for each project or job the cost of site restoration.
- (b) All costs associated with a particular job, the costs of which are sought to be included in an infrastructure improvement charge, shall be included in an excel document which shall be writable, sortable by job, and included with Twin Lakes' workpapers.
- (c) Any claim for "capttime" shall identify the particular job or project associated with the "capttime" as well as the number of hours associated with the project, the name of the personnel providing the hours, the cost per hour, and the nature of the work performed. A determination of compliance with this subsection is not a per se determination that the claimed "capttime" is eligible, reasonable, or otherwise qualifies to be included in Twin Lakes' infrastructure improvement charges. The OUCC retains all legal defenses that may be raised to any request to include "capttime" in infrastructure improvement charges.
- (d) All retirements for any project or job, the cost of which is requested to be included in an infrastructure improvement charge, shall be tied to the project or job. The application shall state the age of the plant that is being retired, its net original cost, the date of the retirement, and the associated job or project. For each project or job requested to be included in an infrastructure improvement charge, Twin Lakes shall set forth a description of the project, an explanation of why the project is needed, and the benefits resulting to the Twin Lakes and its customers upon completion.
- (e) In accordance with 170 IAC 6-1.1-5(a)(6), Twin Lakes shall include in its case-in-chief a general outline of its plans to replace distribution and collection system infrastructure in the next five years.
- (f) Subject to other defenses that may be raised, the OUCC agrees compliance with the provisions of this section meets the requirements of 170 IAC 6-1.1-5(a) (1) and (6).

- (g) The expression of the requirements in this section shall not be deemed a waiver of any other evidentiary requirement. The requirements of this section shall be in addition to any other proof otherwise required by law to make a case for an infrastructure improvement charge.
- (h) Agreement by the OUCC in any subsequent case that Twin Lakes has complied with the requirements described in this section shall not be construed as a waiver or admission by the OUCC that any cost of any particular job or project included in that case is eligible, reasonable, or should otherwise be included in Twin Lakes' infrastructure improvement charge. To that end, the OUCC retains all other legal defenses that may be raised to any claim for infrastructure improvement charge.

In the absence of the parties establishing a framework for the presentation of future infrastructure improvement charge requests, the foregoing provisions of this section shall serve as that framework.

5. Use of the Settlement. The Settling Parties shall support this Settlement before the Commission and request that the Commission expeditiously accept and approve the Settlement. If the Settlement is not approved by the Commission without amendment, the Settling Parties agree that the terms thereof shall not be admissible in evidence or in any way discussed in any proceeding. Moreover, the concurrence of the Settling Parties with the terms of the Settlement is expressly predicated upon the Commission's approval of the Settlement without amendment. If the Commission alters the Settlement in any material way or imposes additional obligations on Petitioner not contemplated in the Settlement, the Settlement shall be deemed withdrawn unless that alteration is unanimously consented to by the Settling Parties in writing. In that event, an informal attorneys' conference will be promptly scheduled where a procedural schedule will be fixed for the processing of the balance of this Cause. The Settling Parties expressly reserve all of their rights, including the right to present appropriate evidence, in the event this Cause is required to be litigated.

The Settling Parties agree to file testimony in support of this Settlement, which shall be offered into evidence without objection and the Settling Parties hereby waive cross-examination. The Settling Parties agree that the evidence in support of this Settlement constitutes substantial evidence to support this Settlement and provides an adequate evidentiary basis upon which the Commission can make any findings of fact or conclusions of law necessary for the approval of this Settlement, as filed. The Settling Parties shall prepare and file an agreed proposed order with the Commission as soon as reasonably possible.

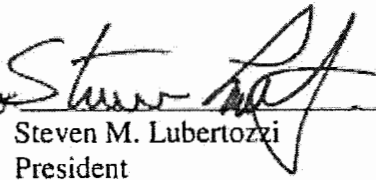
If the Settlement is approved by the Commission, the Settling Parties agree that the terms of the Settlement are intended to represent a resolution by compromise of the issues in this Cause and are not intended to be precedential. The Settling Parties further agree that the provisions of the Settlement may never be deemed an admission by any of the Settling Parties and may never be used against any of the Settling Parties in subsequent regulatory or other Commission proceedings, except to the extent necessary to enforce the Settlement.

The Settling Parties stipulate and agree that the Settlement is solely the result of compromise in the settlement process and, except as provided herein, is without prejudice to and shall not constitute a waiver of any position that either of the Settling Parties may take with respect to any issue or item whether or not resolved herein, in any future regulatory or other proceeding.

6. The undersigned have represented and agreed that they are fully authorized to execute this Stipulation and Settlement Agreement on behalf of their designated clients who will be bound thereby.

Twin Lakes Utilities, Inc.

Date: 8/12/15

By:   
Steven M. Lubertozzi  
President

OFFICE OF UTILITY CONSUMER  
COUNSELOR

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Daniel M. LeVay,  
Assistant Consumer Counselor

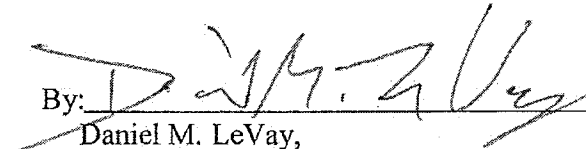
Twin Lakes Utilities, Inc.

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Steven M. Lubertozi  
President

OFFICE OF UTILITY CONSUMER  
COUNSELOR

Date: 8/12/15

By:   
Daniel M. LeVay,  
Assistant Consumer Counselor



The 1st Technical Conference was held on April 27, 2018

# Technical Conference

Community Utilities of Indiana, Inc.

Monday, April 16, 2018

1:00PM

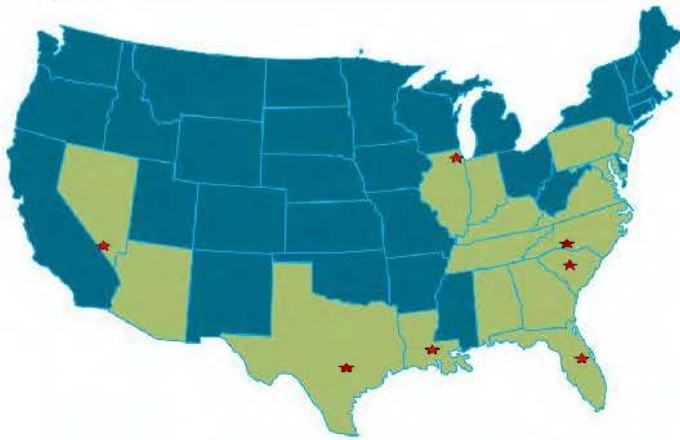
101 W. Washington Street, Suite 1500E, Indianapolis, Indiana



# Utilities, Inc. and Affiliated Companies

## Overview

### Affiliated Companies (Utilities, Inc.)



- 7 Regional Offices
- 531 Total Employees
- 17 States
- 326,000 ERCs

### Community Utilities of Indiana, Inc.



- 3 Business Units (fka)
  - Twin Lakes Utilities, Inc.
  - Water Service Corp. of Indiana
  - Indiana Water Service, Inc.
- 1 Local Office (Crown Point)
- 10 Employees

## System Improvement Plan

## Overview

- Four Key Aspects

Decrease total incidences of wastewater backup in homes

Decrease total incidences of manhole overflows

Decrease total complaints of discoloration of drinking water

Focus on year-over-year improvements



## Main Breaks – Causes

## Water Quality

- Main breaks can be caused by
  - Stress fractures
  - Brittle failure (due to aging)
  - Deformation (e.g., joints & gaskets)
  - Other (e.g., electrical, gas, telecom)
- These in turn are driven by:
  - Freeze/thaw cycles
  - Corrosion
  - Differential settlement
  - Variations in pipe pressure

- Service line

The most frequent service line leaks are the original polyurethane lines that are now brittle and breaking. We are replacing these with copper lines.

Broken service lines are the main contributors to our known water loss

- Main vs service line program

We recommend a service line replacement program instead of a water main replacement program to more efficiently allocate funds



Community Utilities of Indiana, Inc.

Recommended

# System Improvement Plan

Developed for the Twin Lakes Service Territory

Submitted to the

**Indiana Utility Regulatory Commission (IURC)**

Second Quarter, 2018

**Issued by:**

COMMUNITY UTILITIES OF INDIANA, INC. ("CUII")  
10996 FOUR SEASONS PL. SUITE 100G  
CROWN POINT, IN 46307

CUII IS A WHOLLY OWNED SUBSIDIARY OF UTILITIES, INC. ("UI").

**Date of Issue:**

JULY 31, 2018



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Water service connection replacement	\$180,000/year	X	X	X	X	X	X	X	X	X	X	X
--------------------------------------	----------------	---	---	---	---	---	---	---	---	---	---	---

\*These costs may not be required as a result of planned flow monitoring and evaluation

It is important to emphasize that the success of the SIP will depend not only on CUII’s ongoing efforts, but those of the homeowners in CUII’s service territory. In particular, the removal of illegal wastewater connections and the remediation of leaking customer service lines are essential to the long-term achievement of the three operational goals identified above. CUII again calls upon the LOFS property owners’ association to partner with CUII to address those items that necessarily require customers to take action. CUII will continue to work with LOFS and other stakeholders to educate its customers and to provide such assistance as needed to address these issues.

## 4. Recommended System Improvement Plan (“SIP”)

### 4.1. Implementation of the SIP

#### 4.1.1 *Project process*

For the capital improvements we describe below, we include:

- Detailed technical and financial description for Commission review and approval,
  - Documentation and relevant engineering studies
  - Engineering estimates of probable project costs
  - Cost-benefit analysis
  - Measurable outcomes
- Suggested timelines and schedule for detailed filings and approvals.

For each of the proposed capital investments, we describe why the project is the best alternative for CUII’s customers.

Once approval has been obtained from the IURC for the additional costs related to developing the detailed plans and specifications needed for construction bidding (“plans and specs”), CUII will proceed with developing the detailed plans and specs and will solicit for competitive bids from qualified contractors. After receiving bids, we will then submit a complete project package which will include:

- ) The engineering studies used to develop the proposal
- ) The plans and specs used to obtain detailed construction bids,
- ) The detailed competitive bids from contractors,
- ) Our recommendation(s),
- ) Other supporting details.

Included with each project package will be testimony explaining the process used to select our proposed projects, engineering support showing the options that were evaluated, and the rationale for selecting the proposed option(s).

#### 4.1.2 *Contractor oversight mechanisms*

CUII includes for all projects, as relevant, the following tasks and processes:

1. A “request for proposals” template, including detailed Scope of Work, for each project put out to bid,
2. A project inspection process that uses a combination of internal and external contractor inspections, performed as required during project construction phase,



engineering condition assessment is schedule to be performed for both the WTP #2 filters in the Fall of 2018.

#### 4.2.3 *Evaluation of the water distribution system*

Our evaluation of the water distribution revealed three main drivers for water quality issues that relate to the distribution system:

1. Disruptions of the water network, such as abrupt hydrant opening and closing, that stir up sediment
2. Irregular hydrant flushing which stirs up but does not completely remove sediment
3. Water service disruptions which result in disrupted service to customers

Water service disruptions are caused by both water main breaks and service line breaks between the main and the customer's water meter. As shown in the attached map of water service disruptions (attachment "Twin Lakes Watermain Breaks v3"), service line leaks tend to be the most significant issue. The cause of these service line leaks and breaks are failures in the original polyurethane lines that are now brittle and breaking. Broken service lines also appear to be the main contributors to our known water loss.

#### 4.2.4 *Evaluation of the wastewater collection system*

The wastewater collection system is comprised of approximately 3,200 connections, 176,972 feet of gravity sewers, 14 lift stations, and 35,064 feet of force mains. The gravity sewer mains are made of asbestos concrete and PVC while the force mains primarily designed with PVC and HDPE with some ductile iron. Eleven of the force mains discharge to manholes while the force main from lift station L and K, and the one from lift station J, all discharge at the central WWTP.

Basement backups and manhole overflows have occurred due to the high volume of inflow and infiltration within the system ("Twin Lakes 2018 Backups v3"). Inflow is primarily due to residential drainage connections while infiltration is due to leaks in both the manholes and the sewer mains.

The baseline sanitary flow is about 250,000 gallons per day higher than the base potable water production, indicating that additional quantity is due to leaks and intrusions into the system. Since this volume of flow is fairly consistent, and not specifically correlated to rain events, this indicates that this additional flow volume is due to groundwater leaking into sewers, manholes, foundations drains, and other underground connections.

The system also experiences very quick and sharp increases in flow during rain events. These increases happen rapidly, often within a few minutes of the onset of a rain event, and exhibit very sharp increase in flow volume. These characteristics indicate that there are illegal inflow (drainage) connections to the sanitary system.

The wastewater collection system has been previously evaluated using a number of different evaluation techniques. These techniques include the following:

- ) Smoke testing
- ) Surface inspection of manholes
- ) Clean and televise (CCTV)
- ) Flow monitoring

- b. Evaluation, condition assessment, and potential replacement of the water treatment plant #1, specifically the south iron filter and the plant water transmission network
3. Water distribution
  - a. Continued unidirectional flushing
  - b. Water main condition assessment and replacement program (in conjunction with LOFS paving projects)
  - c. Water service line replacement program
  - d. Training of the local fire protection services personnel
4. I/I reduction program
  - a. Smoke and dye testing and lateral televising
  - b. Collection main prioritization for relining or replacement, based on condition assessment
  - c. Manhole lining, based on condition assessment
  - d. Residential inspection program
5. Collection system expansion
  - a. Force mains
  - b. Lift station upgrades
  - c. Expansion of gravity sewers
6. Expansion of central WWTP
  - a. Headworks
  - b. Three-ring oxidation ditch
  - c. Chemical P removal
  - d. Two large clarifiers
  - e. Conversion of existing package plant to a peak detention basin
  - f. UV disinfection
  - g. Sludge digestion and residuals handling
  - h. Associated SCADA and electrical improvements

#### 4.4. Planned improvements – Water treatment

We have hired Symbiont Engineering to perform the evaluation and condition assessment of the Water Treatment Plant #1 south filter. Pending their evaluation and subsequent recommendations, we plan on proceeding with the filter replacement and associated plant piping modifications at the appropriate schedule.

#### 4.5. Planned improvements – Water distribution

We intend to adapt a two-fold approach to address water service disruptions, which will include both a distinct service line replacement program and a water main replacement program to more efficiently allocate funds. The goal of our comprehensive main-replacement program is to reduce the number of emergency-leak repairs and to improve service to customers.

1. Service line replacement program:
  - a. We are compiling which service connections have already been replaced
  - b. We are prioritizing future replacement to focus on areas that have the greatest number of existing breaks.
  - c. We are bidding out the replacement of our portion of the service lines with copper piping
  - d. Replace 2% (approximately 60 homes) per year until all polyethylene service lines have been replaced.
2. Water main replacement program
  - a. Track main breaks via GIS

- b. Track the condition of exposed pipe via Lucity (our asset management software)
- c. Replace the main whenever multiple breaks occur between valves
- d. Coordinating main replacements in conjunction with LOFS paving projects
- e. Prioritize replacements based on multiple criteria including condition assessment, break frequency and LOFS road replacement program

#### 4.6. Planned improvements – Wastewater collection

The portion of the SIP focusing on the reduction of basement backups and manhole overflows follows two parallel paths, one to decrease flow and one to increase flow capacity:

1. Decrease flow: Development of a comprehensive inflow and infiltration ("I&I") reduction program to identify and resolve I/I issues via the following processes:
  - a. Collaboration with LOFS to co-sponsor an ongoing Home Inspection Program,
  - b. Initiation of a smoke and dye testing program to identify and confirm prohibited connections,
  - c. Continue with our ongoing Sewer Capital Improvement Program to identify and repair defects in existing sewers and manholes,
2. Increase capacity: Upgrade the sewers and lift stations to convey flow to the central plant
  - a. Reducing bottlenecks by increasing the capacity of existing sewer mains
  - b. Upgrade lift station capacity
  - c. Install new forcemains where location and depth preclude upsizing the existing sewers.

##### 4.6.1 *Inflow Reduction Program*

We recommend that inflow reduction program efforts focus on addressing the worst sewersheds first. Sewershed inflow reduction efforts will be prioritized based on the results from the flow monitoring data to first address those areas with the highest peaking factor (indicating direct connections) and the greatest infiltration volume (indicating sewer leaks). Based on the hydraulic model, the priority basins are near lift station L, in the northeast quadrant of the collection system. We intend to initiate a smoke, dye, lateral televising, and manhole inspection project that in Phase 1 will initially focus on the worst 20% of the system, as indicated by the Strand hydraulic model. This initial 20% Phase 1 project is shown in attachment "RJN - Proposal - 2018 SSES FM." We then recommend to immediately implement Phase 2 of the inflow reduction program, as described in attachment "RJN - Twin Lakes SSES PH2." In both cases these inflow reduction projects continue with system flow monitoring to assess and confirm removal efforts as well as to provide additional flow monitoring data to guide the detailed design of lift stations L, D, and F.

We are collaborating with the LOFS to implement the inflow reduction program. Specifically, we are looking to the LOFS to help facilitate the removal of prohibited drainage connections once identified. This is an important and critical component of the overall SIP.

The inflow reduction program is a combination of the following:

1. Household inspections
  - a. Basement drains
  - b. Sump pumps
  - c. Roof drains
  - d. Foundation drains
2. Smoke testing
3. Dye testing

# Community Utilities of Indiana, Inc.

## Technical Conference Agenda

Wednesday, August 15, 2018 at 8:30am  
101 W. Washington Street, Suite 1500E, Indianapolis, Indiana

1. Opening Remarks
2. Recommended and Implementation of System Improvement Plan<sup>1</sup>
  - a. Evaluation and Planned Improvements of Water Supply System
  - b. Evaluation and Planned Improvements of Water Treatment System
  - c. Evaluation and Planned Improvements of Water Distribution System
    - i. Water Mains
    - ii. Service Connections
  - d. Evaluation and Planned Improvements of Wastewater Collection System
    - i. Inflow Reduction Program
    - ii. Infiltration Reduction Program
    - iii. Collection System Expansion
  - e. Evaluation and Planned Improvements of Wastewater Treatment System
    - i. SCADA System
    - ii. Headworks
    - iii. Treatment capacity/redundancy
    - iv. Phosphorus
    - v. Disinfection
    - vi. Residuals handling
3. Performance Metrics<sup>2</sup>
4. Asset Management Plan<sup>3</sup>
5. Next Steps

---

<sup>1</sup> Revised Cost and Schedule of Projects and Programs Attached. Original contained in the System Improvement Plan (Section 3) submitted on July 31, 2018.

<sup>2</sup> Revised Performance Metrics attached. Original contained in the Quarterly Report (Section 5.2) submitted on July 31, 2018.

<sup>3</sup> Attached

Community Utilities of Indiana, Inc. - Twin Lakes - Performance Plan

Mission		Objectives	Objective Measure	2018 Target	2019 Target	2020 Target	2021 Target	2022 Target
Implement and Develop System Improvement Plan Focused on "Three Key Aspects" of Service Quality	Comprehensive Inflow and Infiltration Program Development to (1) Decrease total incidences of wastewater backups in homes and (2) Decrease total incidences of manhole overflows	Decrease Total Incidences of Wastewater Backups in Homes	Incidences of wastewater backups in homes	8	6	4	0	0
		Decrease Total Incidences of Manhole Overflows	Incidences of manhole overflows	8	6	4	0	0
		Work with LOFS to Eliminate Prohibited Drainage Connections - Home Inspection Program	Home inspections, percent complete	10%	10%	10%	10%	10%
			Residences smoke tested, number	640	2560	320	320	320
			Laterals televised, number	80				
			Dyewater flooding, number	5	21			
			Approval of rules tariff granting authority to enforce residential compliance	Yes				
		Utilize AMP to Decrease Infiltration into Manholes and Collection Mains	Elimination of prohibited connections within 60 days of notification <sup>1</sup>	100%	100%	100%	100%	100%
			Information Meetings with residents to discuss Sanitary Sewer Overflow Program	1	2	2	2	2
			Percentage of manholes inspected, annually	10%	10%	10%	10%	10%
			Manholes remedied, as a percentage of those found with high priority defects	100%	100%	100%	100%	100%
			Sewer clean and televise, percent per year	10%	10%	10%	10%	10%
		Utilize AMP to Handle Inflow into Collection System and Central Treatment Plant	Level 5 structural defect collection mains replaced or relined, percentage	100%	100%	100%	100%	100%
			Level 4 structural defect collection mains replaced or relined, percentage			100%	100%	100%
			Filing and Approval of Collection System Expansion under IN Code 8-1-2-23		2	2	2	
	Progress on collection system expansion (Phase 1), cumulative percentage complete		5%	15%	100%			
	Progress on collection system expansion (Phase 2), cumulative percentage complete			10%	36%	100%		
	Progress on collection system expansion (Phase 3), cumulative percentage complete				15%	58%	100%	
	Filing and Approval of Central Plant Expansion under IN Code 8-1-2-23			2				
	Multi-Faceted Program Development to (3) Decrease total complaints of discoloration of drinking water	Decrease Total Complaints of Discoloration of Drinking Water	Number of verified residential water discoloration complaints <sup>1</sup>	20	16	12	8	4
		Utilize AMP to prudently maintain, repair, flush and replace water infrastructure	System flushing	2	2	2	2	2
			Valves exercised	100%	100%	100%	100%	100%
			Polyethylene service lines replaced, count of homes		60	60	60	60
			Watermain condition assessment and prioritization	Yes	Yes	Yes	Yes	Yes
			Watermain replaced as percentage identified as priority		100%	100%	100%	100%
			Iron Filter condition assessment	2				
			Filing and Approval of Iron Filter Replacement and Re-pipe under IN Code 8-1-2-23		2			
		Iron Filter replacement, percentage complete	5%	100%				
		Communicate with LOFS regarding causes, steps taking to decrease complaints and how residents can prevent discolored water	Develop instructional/troubleshooting videos for household water complaints	2	2			
	Communication to customers for known issues or maintenance, which may cause discoloration		100%	100%	100%	100%	100%	
Information Meetings with residents to discuss Water Discoloration Mitigation Program	1		2	2	2	2		

<sup>1</sup>Omits double counting from same complaint address for same disturbance

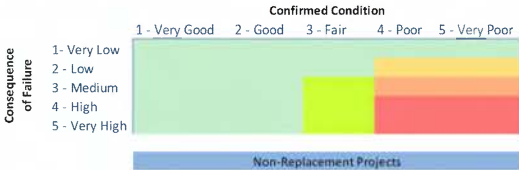
Community Utilities of Indiana, Inc. - Forecast Plan (Capital Spending)

Capital Plan *	Category / Type	Timing	2017	2018	2019	2020	2021	2022
TLUI-SCIP	HSE	1	\$ 164,442	\$ 157,393	\$ 195,195	\$ 177,070	\$ 180,000	\$ 180,000
TLUI-Service Line Replace	LOS	3	-	-	180,000	180,000	180,000	180,000
TLUI-Watermain Replacement	LOS	3	-	-	200,000	200,000	200,000	200,000
TLUI-WTP#1 Iron Filter Replacement	EOL	3	-	90,333	1,917,067	-	-	-
TLUI-Well # 12	Capacity	2	-	150,000	-	-	-	-
TLUI-Well # 13	Capacity	3	-	-	100,000	-	-	-
TLUI-TLUI Detention Basin Study	HSE	1	24,400	186,934	-	-	-	-
TLUI-Central WWTP	HSE	1	-	411,600	823,200	8,323,467	4,161,733	-
TLUI-Collection System Expansion	HSE	1	-	251,500	1,109,000	6,707,750	6,247,500	2,384,250
WSCI-Sewer System CIP	HSE	1	-	68,170	73,255	73,255	73,255	73,255
WSCI-Install water storage	Capacity	3	-	-	-	250,000	-	-
IWSI-Water main replacement	LOS	1	-	174,192	75,000	75,000	75,000	75,000
GL Spending			407,963	517,745	571,591	602,563	635,213	669,633
Transportation			7,903	48,962	30,000	30,000	-	57,350
<b>Total Capital Spending</b>			<b>\$ 604,708</b>	<b>\$ 2,056,829</b>	<b>\$ 5,274,308</b>	<b>\$ 16,619,105</b>	<b>\$ 11,752,701</b>	<b>\$ 3,819,488</b>

\*Project costs exclude Cap Time and IDC accruals

Capex Categories*	Timing
Health, Safety, Environment (HSE)	1 - Near term / non flexible
Level of Service (LOS)	2 - Date certain / 1 dimension flexibility (ahead)
End of Life	3 - 2 dimension flexibility (ahead/back)
Efficiency	
Capacity	
Acquisition / Growth	

\* If a project covers multiple categories, select the highest on this list.



Shown above are the Company's anticipated capital projects over the next five years. These projects are color coded based on the risk matrix color scheme.

# Community Utilities of Indiana, Inc.

## Technical Conference Agenda

Wednesday, August 15, 2018 at 8:30am  
101 W. Washington Street, Suite 1500E, Indianapolis, Indiana

### MINUTES

#### **1. Opening Remarks**

Steve Lubertozi, President of CUII, introduced CUII's other attendees: Justin Kersey (Vice President of Operations), Mike Miller (Regional Manager), Loren Grosvenor (Area Manager) and Dr. John Norton (Director of Capital Planning and Asset Management).

Mr. Lubertozi provided an update on efforts completed by CUII since the last technical conference and explained CUII had worked with qualified engineering firms to generate, evaluate and select alternatives that would address the three key aspects of service quality identified in the Commission's Order.

#### **2. Recommended and Implementation of System Improvement Plan**

Mr. Lubertozi provided a high level overview of the SIP. He explained the SIP identifies capital and deferred spending totaling approximately \$40 million, to be spread over the 2018-2022 time period. He said these costs (including new headcount), if and when included in rates, would impact a combined water/wastewater customer by approximately \$100/month over the current monthly bill.

Dr. Norton discussed the use of engineers who have worked hard over the last several months to evaluate options.

##### **a. Evaluation and Planned Improvements of Water Supply System**

Dr. Norton explained the Company considered a new well vs. an interconnection with Indiana-American to address its water supply needs. In response to questions from the IURC Staff, Dr. Norton explained that IDEM and DNR confirmed that an interconnection with Winfield could only be used for emergency purposes, not as a general source of water.

##### **b. Evaluation and Planned Improvements of Water Treatment System**

Dr. Norton reiterated that the Company's water quality was very high, and that the Company received very few water quality complaints during Q2 of 2018.

**c. Evaluation and Planned Improvements of Water Distribution System**

- i. Water Mains**
- ii. Service Connections**

Dr. Norton stated the Company experiences roughly one water main break per year, and is more frequently seeing service line breaks. He said these pipes are poly-ethylene and are subject to oxidation.

Dr. Norton explained the Company proposes two programs to address these issues. First, for water mains, the Company is moving to online asset management program, which will give the Company complete details of the system, and allows for tracking of issues and work completed. Second program addresses service lines, and the Company plans to replace ~60 a year proactively. He said CUII will use hydro-excavation to check whether the service line is poly-ethylene vs. copper, which should be relatively cheap and efficient.

In response to a question from Nikki Shoultz, Dr. Norton explained that at that rate, it would take approximately 50 years to replace the entire system. In response to questions from Scott Bell at the OUCG, Dr. Norton also discussed looking at performing this work in-house vs. hiring a third party.

**d. Evaluation and Planned Improvements of Wastewater Collection System**

- i. Inflow Reduction Program.** Mr. Loren Grosvenor discussed CUII's Inflow Reduction Program. Mr. Grosvenor explained the Program is a combination of the following efforts: household inspections, smoke testing and dye testing. Mr. Grosvenor expounded upon the Utility's efforts related to household inspections. He explained the effort includes Utility employees going door-to-door and requesting that customers allow the employees to enter the home and perform basement inspections to identify any illegal drainage connections. Mr. Grosvenor also discussed the Utility's rain barrel giveaway program. Mr. Grosvenor reported that the giveaway was again a huge success, with the Utility giving away dozens of rain barrels to members of the community.

Mr. Kersey reiterated the importance of community participation in helping the Utility to identify and remove illegal drain connections. Mr. Kersey also discussed CUII's newly approved rules tariff and the impact the tariff will have on helping the Utility to identify and enforce removal of prohibited drain connections. There was general discussion between the Utility, LOFS and the OUCG regarding the rules tariff.

- ii. Infiltration Reduction Program.** Mr. Grosvenor also reported on the Utility's progress with its Infiltration Reduction Program. Mr. Grosvenor reported the Utility has now completed the sewer cleaning and televising for the entirety of the LOFS system. He further reported the Utility has completed the engineering



# Community Utilities of Indiana, Inc.

## Technical Conference Agenda

Tuesday, December 04, 2018 at 8:30am  
101 W. Washington Street, Suite 1500E, Indianapolis, Indiana

1. Opening Remarks
  - a. Staff change – Introduction
    - Mr. Steve Lubertozi introduced Sean Carbonaro, P.E. Mr. Lubertozi explained that Dr. John Norton is no longer with the Company and Mr. Carbonaro would be assuming his role.
  - b. Commission’s Staff Written Recommendation
    - Mr. Lubertozi discussed the staff’s written recommendation as presented in the Commission’s docket entry dated August 22, 2018.
2. Progression of System Improvement Plan<sup>1,2</sup>
  - Mr. Carbonaro discussed the Company’s System Improvement plan.
  - a. Evaluation and Planned Improvements of Water Supply System
    - i. Well drilling bids and contractor selection
      - Mr. Carbonaro explained that the Company is drilling two new wells to improve water supply and increase overall well capacity. Mr. Carbonaro further indicated the Company issued an RFP for the work and has chosen Peerless Midwest for the projects. LOFS’ counsel indicated that LOFS had agreed to the terms of the easements and if CUII wants to submit the documents to LOFS, LOFS will get them signed and recorded.
  - b. Evaluation and Planned Improvements of Water Treatment System
    - i. Filter and re-piping engineering bid review and selection process
      - Mr. Carbonaro discussed planned improvements to the Water Treatment System. He stated the Company sent out professional proposals to engineering firms for the project and received 3 proposals on Nov. 21. Mr. Carbonaro indicated the Company hopes to pick a firm by mid-January. Mr. Carbonaro provided additional detail regarding the bidding and proposal review process.
  - c. Evaluation and Planned Improvements of Water Distribution System
    - i. Planned RFP for Water Mains and Service Connections
      - Mr. Carbonaro discussed the planned improvements for the Water Distribution System. He explained that the majority of these projects are for water main and service line replacements. Mr. Carbonaro indicated the Company would like to replace 1,000 feet of water main and 50-60 service lines in the next year. He explained the Company intends to select an

engineering firm from one of the firms that has already bid on the other work. He indicated the projects are relatively simple and the Company did not feel a full RFP was needed.

ii. Communication with LOFS

d. Evaluation and Planned Improvements of Wastewater Collection System

i. Inflow Reduction Program – Smoke testing progress

- Mr. Carbonaro discussed the Phase I improvements to the Wastewater Collection System. He stated the RFP went out on Oct. 31 for the improvement projects.

ii. Infiltration Reduction Program – Lining progress

- Mr. Carbonaro provided an update on the Infiltration Reduction Program. He explained that the Company completed its smoke testing in October and received preliminary data from that study. He further explained that the Company hopes to move into the dye testing soon. Mr. Carbonaro also stated the Company inspected 165 manholes and hope to have the results of those inspections soon. With respect to the smoke testing, Mr. Carbonaro stated the Company hopes to have a full report by February, but they plan to have conversations with the smoke testing firm now to identify and address any immediate defects.
- IURC staff inquired as to why the Utility smoke tested in October. IURC staff indicated smoke testing is most effective in dry months such as July or August. Mr. Loren Grosvenor explained that the Utility wanted to do some smoke testing in October so as not to delay projects in 2019. Mr. Grosvenor further explained the engineering firm that performed the smoke testing indicated October had dry enough periods to do the smoke testing and the areas that were smoke tested were “low hanging fruit” that could easily produce issues. Mr. Grosvenor further stated future planned smoke testing is slated to take place in summer months, with Phase II of the smoke testing to take place in Q2 and Q3 2019.

iii. Collection System Expansion – Engineering RFP

- Mr. Carbonaro discussed the status of the Collection System Expansion projects.

# Community Utilities of Indiana, Inc.

## Technical Conference Agenda

Tuesday, April 2, 2019 at 9:00am  
101 W. Washington Street, Suite 1500E, Indianapolis, Indiana

1. Opening Remarks
  - a. Potential rate impact and timing
2. Progression of System Improvement Plan<sup>1</sup>
  - a. Evaluation and Planned Improvements of Water Supply System
    - i. Permitting progress
    - ii. Construction progress
  - b. Evaluation and Planned Improvements of Water Treatment System
    - i. Engineering progress
  - c. Evaluation and Planned Improvements of Water Distribution System
    - i. Engineering progress
    - ii. Communication with LOFS
  - d. Evaluation and Planned Improvements of Wastewater Collection System
    - i. Inflow Reduction Program – Home inspections
    - ii. Inflow Reduction Program – Study report
    - iii. Sewer cleaning & televising – 2019 schedule
    - iv. Infiltration Reduction Program – Lining progress
    - v. Collection System Expansion – Engineering progress
  - e. Evaluation and Planned Improvements of Wastewater Treatment System
    - i. Engineering progress
3. Cost and Schedule of Projects and Programs
  - a. Timing and cost modifications
  - b. Timeline and considerations for Filing and Approval of projects under IN Code 8-1-2-23
4. Performance Metrics
5. Asset Management Plan
  - a. OMS rollout progress
6. Next Steps

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<sup>1</sup>Revised Cost and Schedule of Projects and Programs attached.

# Community Utilities of Indiana, Inc.

## Technical Conference Agenda

Tuesday, April 2, 2019 at 10:00am  
101 W. Washington Street, Suite 1500E, Indianapolis, Indiana

### 1. Opening Remarks

#### a. Potential rate impact and timing

- Mr. Lubertozi presented on the potential rate impact and timing of the capital improvements. Mr. Lubertozi indicated the Utility would file a combination of DSICs, system integrity charges and a rate case no later than September 2021 to recoup the capital associated with 3 large capital projects the Utility intends to undertake. Mr. Lubertozi briefly described the 3 large capital projects— collection system Phase 1, central WW treatment plant and iron filter—and stated together the projects would cost approximately \$20 million. He stated this equates to \$2.5 million additional revenue dollars with a rate increase per customer of about \$25 per month per water and wastewater customer. However, he stated this estimate is not necessarily an apples to apples comparison because the majority of the expended capital will be on the WW side.
- Ms. Dana Lynn requested whether the Utility had a schedule of these anticipated smaller rate increases. Mr. Lubertozi indicated the Utility did have a scheduled and would provide it.
- Ms. Nikki Shoultz asked whether the Utility intended to put the projects in service before the rate case and Mr. Lubertozi said no. Mr. Lubertozi indicated the company anticipates filing one or more preapproval cases for the projects at end of Q3 2019.

### 2. Progression of System Improvement Plan<sup>1</sup>

#### a. Evaluation and Planned Improvements of Water Supply System

- Mr. Sean Carbonaro discussed the progression of the Utility's System Improvement Plan. He first discussed the Utility's progress on its planned improvements to the Water Supply System. He stated that the Company had engaged Peerless Midwest to do the project and test wells will be drilled in April 2019. He further stated that production wells will be the next step with all work to be completed in 2-3 months if all goes as planned.
- Mr. Dan LeVay asked about what studies the Utility had completed indicating the need for the additional capacity. Mr. Carbonaro and Mr. Loren Grosvenor explained that Peerless Midwest conducted a hydraulic study which clearly indicates that additional capacity is needed in order to create redundancy in the system and take the Water Treatment Plant out of service. Mr. LeVay also inquired whether a capacity/demand analysis had been conducted. Mr. Carbonaro indicated that such analysis had been performed and said the Utility would provide it in the Q1 2019 report.

- Mr. Jim Parks asked whether the Utility was following its 2008 Master Plan for this project or whether the plan had been abandoned. Mr. Kersey explained the Utility is not currently using its Master Plan for long term planning decisions.
- There was also a question regarding whether the Utility was still considering purchasing water from Indiana American Water Company. Mr. Carbonaro indicated the Utility is no longer pursuing Indiana American for water supply because it would require the Utility to build a booster station (see letter in 4<sup>th</sup> Quarterly Report).

b. Evaluation and Planned Improvements of Water Treatment System

i. Engineering progress

- Mr. Carbonaro also discussed the engineering progress for the planned improvements of the Water Treatment System. Mr. Carbonaro stated the Utility had engaged Lockwood, Andrews and Newnam, Inc. to complete the project. Mr. Carbonaro indicated the Utility anticipates a preliminary design to be completed in June, with a final design completed in October 2019. He said the Utility anticipates construction to begin in early 2020.
- Mr. Parks asked whether the Utility had a detailed cost estimate for the project. Mr. Carbonaro indicated that the Engineer's Estimate was provided in a previous quarterly report but a more refined cost estimate is expected once the design is substantially complete. Mr. Carbonaro also indicated the Utility plans to file for preapproval for the project in November or December 2019.

c. Evaluation and Planned Improvements of Water Distribution System—water main and service line replacements.

- Mr. Carbonaro also discussed the planned improvements to the Water Distribution System. Mr. Carbonaro stated that the Utility engaged Commonwealth Engineering to complete the project, with preliminary design expected in May, bidding in July and construction starting in August with completion in October or November.
- Mr. Carbonaro further indicated the Utility is working with LOFS to identify neighborhoods and ensure the projects are done cleanly. Mr. Carbonaro also answered several engineering questions about the projects from Mr. Scott Bell.

d. Evaluation and Planned Improvements of Wastewater Collection System

- Mr. Carbonaro, Mr. Grosvenor and Mr. Justin Kersey also presented on the planned improvements for the Wastewater Collection System and the Utility's inflow and infiltration reduction program. The Utility provided an update on the home inspection program and stated the Utility had completed 101 home inspections in Q1 2019. Mr. Grosvenor provided additional detail on the home inspection program including the number of issues identified through the program. Mr. Grosvenor also described the notification process the Utility used to provide notice to customers that a home inspection would be taking place.
- Ms. Shultz asked a series of questions regarding the timeline for completing the home inspections, as well as the notice process. Mr. Grosvenor stated that the customer has 30 days to call the Utility to

Community Utilities of Indiana, Inc. - Twin Lakes - Project Schedule

Service	Project	Cost	2018		2019				2020				2021				2022			
			Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Wastewater</b>																				
Sewer Repairs (SCIP)	Varies			\$92,590				\$5,533	E	E	C	C				C	C		C	C
Manhole seal and line	Varies	\$43,256						\$108,790				C					C			C
Sewer inspection (CCTV)	\$110,897/3 years		\$29,070		\$32,183						C	C				C	C		C	C
Inflow Reduction - Phase 1	\$172,339		\$14,450	\$148,789	\$9,100															
Inflow Reduction - Phase 2	\$173,788					\$1,876	\$128,934	\$42,978												
Household Inspections	Internal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Collection system - Phase 1	\$5,883,930		\$11,505	\$105,303	\$40,417	\$53,946	\$53,946	A	A	\$1,404,703	\$1,404,703	\$1,404,703	\$1,404,703							
WWTP Expansion	\$18,049,500		E	\$257,428	\$225,296	\$323,702	\$323,702	A	A	\$2,114,922	\$2,114,922	\$2,114,922	\$2,114,922	\$2,114,922	\$2,114,922	\$2,114,922	\$2,114,922	\$2,114,922	\$2,114,922	
<b>Water</b>																				
Water main program	\$200,000/year			E	\$19,618	\$129,706	\$258,090	E	C	C		E	C	C		E	C	C		
Service line replacement	\$180,000/year							E	C	C		E	C	C		E	C	C		
Well 12 and 13	\$236,763					\$42,644	\$194,119													
WTP #1 Iron Filter	\$1,961,708			E	\$8,204	\$96,920	\$94,084	A	A	\$587,500	\$587,500	\$587,500								

- X Internal
- E Engineering
- A IURC Approval - Code 8-1-2-23
- C Construction

# Community Utilities of Indiana, Inc.

## Technical Conference Agenda

Tuesday, October 29, 2019 at 1:00pm  
101 W. Washington Street, Suite 1500E, Indianapolis, Indiana

### 1. Opening Remarks

Steve Lubertozi provided opening remarks. He indicated he wanted to take a step back and remind the parties of where CUII was in terms of design of the Big Three projects six months ago when the parties last met. He indicated he wanted to focus on two of the Big Three projects—WWTP Expansion and the Collection System Improvement project. Mr. Lubertozi indicated that, regarding the WWTP Expansion Project, CUII advised the IURC, OUCG and the LOFS at prior technical conferences that 30% design was expected in June, 60% design in October, final design in January 2020 and bidding in Mar-Apr 2020. He indicated the Utility recently held its 60% design meeting, so the engineers were probably closer to 65% of 70% design at this time. Regarding the Collection System Improvement Project, Mr. Lubertozi indicated the Utility advised the IURC, the OUCG and LOFS at prior technical conferences that 90% design was expected in October/November of 2019 with final design planned for November of 2019.

Mr. Lubertozi stated that, since the last that time the parties met, CUII continued to make progress through meetings with the engineers and LOFS. He also indicated CUII asked if the OUCG wanted to participate in a meeting to discuss project status, design drawings, etc. and have its engineers present, if needed. Mr. Lubertozi stated to date the Utility has spent over \$700,000 on these projects.

Mr. Lubertozi indicated that on Friday, October 25<sup>th</sup>, LOFS, OUCG and CUII attended a call where it was expressed to the Utility that the LOFS and the OUCG had 'grave concerns' regarding the two wastewater projects. After hearing that the LOFS and the OUCG had grave concerns, the parties decided that in an effort to move to a more collaborative approach, the parties would meet outside of the technical conferences to discuss the WWTP Expansion Project and the Collection System Improvement Project. Mr. Lubertozi indicated the parties would be meeting after the Technical Conference to set up a date and time for the first collaborative meeting.

### 2. Progression of System Improvement Plan<sup>1</sup>

Sean Carbonaro presented on the progression of the System Improvement Plan. A representative for Lake of the Four Seasons attempted to raise two CAD complaints at the beginning of the Conference. Judge Manion indicated it would not be the appropriate time or venue to address those complaints.

#### a. Evaluation and Planned Improvements of Water Supply System

##### i. Construction progress

- Mr. Carbonaro indicated Wells #12 and #13 are drilled and developed. He indicated the Utility is working on completion of the mechanical/electrical work to bring the wells online. Mr. Carbonaro stated Peerless intends to bring the wells into service by the end of the year 2019.

#### b. Evaluation and Planned Improvements of Water Treatment System

##### i. Engineering progress

- Mr. Carbonaro indicated the final 90% design meeting for the Water Treatment Plant improvements was held in September 2019, and he further indicated bidding is expected in November 2019, with construction anticipated in late 2020, during the lower usage winter season.

**c. Evaluation and Planned Improvements of Water Distribution System**

i. Construction progress (2019)

- Mr. Carbonaro indicated the water main and service lines are nearly complete. He indicated restoration work would continue into Spring 2020 but CUII is getting very close to resolving restoration issues.

ii. Communication with LOFS

iii. Engineering progress (2020/2021)

- Mr. Carbonaro indicated CUII has identified three streets for watermain replacement. Mr. Carbonaro stated that the locations were selected based on watermain breaks and in coordinating with LOFS on paving schedules. He indicated preliminary design will be completed in November and with bidding likely in January or February 2020. Mr. Parks from the Office of Utility Consumer Counselor asked about CUII's prequalification process. Mr. Carbonaro discussed the process and there was general discussion that followed.

**d. Evaluation and Planned Improvements of Wastewater Collection System**

i. Inflow Reduction Program – Home inspections

- Mr. Loren Grosvenor reported on CUII's I&I Reduction program. He indicated the Utility targeted 416 homes in 2019 and inspected 397. With these inspections, Mr. Grosvenor indicated the Utility identified nine homes with unknown sump pump discharges, and all but two homes have corrected the problem. Mr. Grosvenor stated the Utility has been able to remove a lot of I&I from the system based solely on removing the sump pump issues. Mr. Grosvenor indicated the Utility is still working on addressing customer lateral issues and LOFS has been working with CUII to help communicate to customers. Mr. Grosvenor generally discussed the Utility's process for inspecting homes and correcting issues. Questions from the bench arose regarding smoke testing and partial compliance. There was general discussion that followed.
- Mr. Parks asked of the 3100 residential customers how many have reached total compliance. Mr. Grosvenor indicated 154 customers had reached full compliance. He indicated further that 400 homes from last year will go in partial compliance for sewer lateral. Mr. Parks also asked about the rate of home inspections. Mr. Grosvenor indicated it is a long process but the process is working.

ii. Customer Lateral Replacements – Petition for Inclusion in Rate Base<sup>2</sup>

- Mr. Justin Kersey spoke generally regarding the Utility's proposal to amend its rules tariff to include customer service lateral replacements. Mr. Kersey indicated the customers are getting very high quotes for replacement and CUII is interested in replacing the laterals and seeking recovery of the costs. Judge Manion indicated it would not be appropriate for the Commission to provide feedback on the proposal. Mr. Curt Gassert and Mr. Marcus Turner raised potential concerns related to the proposal. Ms. Margaret Stull offered that the Utility could do the work and loan the money to its customer and earn a return in the form of interest on the loan. Mr. Kersey indicated if the



## 4. Status of Implementation of the SIP and Updates to the SIP

The latest revised version of the SIP was included with the Third Quarter 2018 Quarterly Report. A revised project schedule is included as an attachment to this Quarterly Report.

### 4.1. Water system

We are implementing projects to improve the Twin Lakes water supply and distribution systems.

#### 4.1.1 *Water supply*

Well #12 and Well #13 are online and producing water for Water Treatment Plant #2. Besides landscaping restoration at Well #12, the Well #12 and Well #13 project is complete.

#### 4.1.2 *Water treatment*

The Water Treatment Plant #1 (WTP #1) improvements include replacement of the South Filter; upgrades to the plant's electrical system, controls, and chemical storage; and reconfiguration of the distribution and yard piping. CUII has designed, permitted, and received bids for this project. CUII received pre-approval from the IURC on November 4, 2020. CUII engaged Bowen Engineering as the contractor for construction. Bowen mobilized to the site in August 2021. CUII, Engineer (Lockwood, Andrews & Newnam), and Bowen meet for progress meetings every two weeks. Construction is planned to be complete by Spring 2022.

#### 4.1.3 *Water distribution*

The work to be completed on WTP #1 (as described in Section 4.1.2) will also include improvements to the distribution system.

The first round of hydrant flushing for 2021 was completed in June 2021. The second round of flushing will be completed in November 2021. Valve exercising of those valves not used during directional flushing will be exercised in November 2021.

CUII completed replacement of watermain and service lines on Tremont Lane, Westover Drive, and Ravenwood Drive in June 2021. The locations were selected by identifying areas with watermain breaks and coordinating with LOFS on a paving schedule. All new watermain and service lines are in service. The previous watermain and service lines were abandoned in place. Landscaping restoration has been completed, but will require follow-up through fall.

#### 4.1.4 *Water storage*

CUII plans to rehabilitate the water tower in Q3 2022. That rehabilitation work includes blasting and recoating of the wet interior, dry interior, and exterior and improvements to various appurtenances.

### 4.2. Wastewater system

In July 2018, the Indiana Department of Environmental Management (IDEM) issued two warning letters: (1) the excess inflow and infiltration in wastewater collection system, and (2) limited capacity at the Wastewater Treatment Plant (WWTP). In February 2020, IDEM issued two additional warning letters regarding the same issues. CUII is taking action to address these concerns as explained below:

inspection program, customer service issues, the rate-making process, and other important topics. CUII put information sessions on hold due to the COVID-19 pandemic.

## 4. Status of Implementation of the SIP and Updates to the SIP

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### 4.1. Water system

We are implementing projects to improve the Twin Lakes water supply and distribution systems.

#### 4.1.1 *Water supply*

Well #12 and Well #13 are online and producing water for Water Treatment Plant #2. Besides landscaping restoration at Well #12, the Well #12 and Well #13 project is complete.

#### 4.1.2 *Water treatment*

The Water Treatment Plant #1 (WTP #1) improvements include replacement of the South Filter; upgrades to the plant's electrical system, controls, and chemical storage; and reconfiguration of the distribution and yard piping. CUII has designed, permitted, and received bids for this project. CUII received pre-approval from the IURC on November 4, 2020. CUII engaged Bowen Engineering as the contractor for construction. Bowen mobilized to the site in August 2021. CUII, Engineer (Lockwood, Andrews & Newnam), and Bowen meet for progress meetings every two weeks. Construction is planned to be complete by Spring 2022.

#### 4.1.3 *Water distribution*

The work to be completed on WTP #1 (as described in Section 4.1.2) will also include improvements to the distribution system.

The first round of hydrant flushing for 2021 was completed in June 2021. All dead ends in distribution were flushed in December to maintain water quality.

CUII completed replacement of watermain and service lines on Tremont Lane, Westover Drive, and Ravenwood Drive in June 2021. The locations were selected by identifying areas with watermain breaks and coordinating with LOFS on a paving schedule. All new watermain and service lines are in service. The previous watermain and service lines were abandoned in place. Restoration work is nearly completed beside one asphalt patch at Ravenwood/Augusta and some b-box adjustments.

#### 4.1.4 *Water storage*

CUII plans to rehabilitate the water tower in Q3 2022, which is dependent upon cooperation from cell tower provider and construction of a temporary tower. That rehabilitation work includes blasting and recoating of the wet interior, dry interior, and exterior and improvements to various appurtenances. CUII has been in discussion with the cell tower provider as they need to install a temporary tower.

### 4.2. Wastewater system

In July 2018, the Indiana Department of Environmental Management (IDEM) issued two warning letters: (1) the excess inflow and infiltration in wastewater collection system, and (2) limited capacity at the

inspection program, customer service issues, the rate-making process, and other important topics. CUII put information sessions on hold due to the COVID-19 pandemic.

## 4. Status of Implementation of the SIP and Updates to the SIP

The latest revised version of the SIP was included with the Third Quarter 2018 Quarterly Report.

### 4.1. Water system

We are implementing projects to improve the Twin Lakes water supply and distribution systems.

#### 4.1.1 *Water supply*

Well #12 and Well #13 are online and producing water for Water Treatment Plant #2. Restoration at Well #13 (Lions Park) is complete. Well #12 (WTP) requires additional restoration work and is nearly complete.

#### 4.1.2 *Water treatment*

The Water Treatment Plant #1 (WTP #1) improvements include replacement of the South Filter; upgrades to the plant's electrical system, controls, and chemical storage; and reconfiguration of the distribution and yard piping. CUII has designed, permitted, and received bids for this project. CUII received pre-approval from the IURC on November 4, 2020. CUII engaged Bowen Engineering as the contractor for construction. Bowen mobilized to the site in August 2021. CUII, Engineer (Lockwood, Andrews & Newnam), and Bowen meet for progress meetings every two weeks. The new filter was installed March 3rd, 2022 and has been piped and electrical controls installed. Backwash tests have been completed and is expected to go online at the beginning of May. Once the new south filter and flow process is in service the old north filter will be converted to the new electrical and pumping system. Construction is planned to be complete by Spring 2022.

#### 4.1.3 *Water distribution*

The work to be completed on WTP #1 (as described in Section 4.1.2) will also include improvements to the distribution system.

The first round of hydrant flushing for 2022 is expected to take place in June once the WTP #1 project is completed.

CUII has plans for watermain replacement and service line replacement on Wallhaven Ct and service line replacement on Hidden Valley Dr. This project went out to bid on March 9, 2022, and bids were due on April 6, 2022. CUII did not receive bids on this project. CUII plans to incorporate this project with its 2023 watermain work and send it to bid late 2022 with expectation of receiving more interest in projects.

CUII completed replacement of watermain and service lines on Tremont Lane, Westover Drive, and Ravenwood Drive in June 2021. The locations were selected by identifying areas with watermain breaks and coordinating with LOFS on a paving schedule. All new watermain and service lines are in service. The previous watermain and service lines were abandoned in place. Restoration work is nearly completed beside one asphalt patch at Ravenwood/Augusta and some b-box adjustments.

CUII hosted two informational sessions (Customer Workshops) with the community in 2019. CUII staff, including a representative from Customer Service, met with residents to discuss capital projects, the home inspection program, customer service issues, the rate-making process, and other important topics. CUII put information sessions on hold due to the COVID-19 pandemic.

## 4. Status of Implementation of the SIP and Updates to the SIP

The latest revised version of the SIP was included with the Third Quarter 2018 Quarterly Report.

### 4.1. Water system

We are implementing projects to improve the Twin Lakes water supply and distribution systems.

#### 4.1.1 *Water supply*

Well #12 and Well #13 are online and producing water for Water Treatment Plant #2. Restoration at Well #13 (Lions Park) is complete. Well #12 (WTP) requires additional restoration work and is nearly complete.

#### 4.1.2 *Water treatment*

The Water Treatment Plant #1 (WTP #1) improvements include replacement of the South Filter; upgrades to the plant's electrical system, controls, and chemical storage; and reconfiguration of the distribution and yard piping. CUII has designed, permitted, and received bids for this project. CUII received pre-approval from the IURC on November 4, 2020. CUII engaged Bowen Engineering as the contractor for construction. Bowen mobilized to the site in August 2021. CUII, Engineer (Lockwood, Andrews & Newnam), and Bowen meet for progress meetings every two weeks. The new filter was installed March 3rd, 2022 and has been piped and electrical controls installed. Backwash tests have been completed and is expected to go online at the beginning of May. Once the new south filter and flow process is in service the old north filter will be converted to the new electrical and pumping system. This construction project is substantially complete.

#### 4.1.3 *Water distribution*

The work to be completed on WTP #1 (as described in Section 4.1.2) will also include improvements to the distribution system.

The first round of hydrant flushing for 2022 was completed at the end of June.

CUII has plans for watermain replacement and service line replacement on Wallhaven Ct and service line replacement on Hidden Valley Dr. This project went out to bid on March 9, 2022, and bids were due on April 6, 2022. CUII did not receive bids on this project. CUII plans to incorporate this project with its 2023 watermain work and send it to bid late 2022 with expectation of receiving more interest in projects.

CUII completed replacement of watermain and service lines on Tremont Lane, Westover Drive, and Ravenwood Drive in June 2021. The locations were selected by identifying areas with watermain breaks and coordinating with LOFS on a paving schedule. All new watermain and service lines are in service. The previous watermain and service lines were abandoned in place. Restoration work is nearly completed beside one asphalt patch at Ravenwood/Augusta and some b-box adjustments.

Second quarter 2021	July 14, 2021	Remote meeting
Third quarter 2021	October 13, 2021	Remote meeting
Fourth quarter 2021	January 12, 2022	Remote meeting
First quarter 2022	April 14, 2022	Remote meeting
Second quarter 2022	July 29, 2022	Remote meeting
Third quarter 2022	October 28, 2022	Office + Remote

CUII hosted two informational sessions (Customer Workshops) with the community in 2019. CUII staff, including a representative from Customer Service, met with residents to discuss capital projects, the home inspection program, customer service issues, the rate-making process, and other important topics. CUII put information sessions on hold due to the COVID-19 pandemic.

CUII will discuss the timing of our next Customer Workshop with LOFS at our October 28<sup>th</sup> meeting. Due to the lead time needed to secure a location, followed by a 30-day notice to our customers, the next Customer Workshop is likely to take place in Q1 2023.

## 4. Status of Implementation of the SIP and Updates to the SIP

The latest revised version of the SIP was included with the Third Quarter 2018 Quarterly Report.

### 4.1. Water system

We are implementing projects to improve the Twin Lakes water supply and distribution systems.

#### 4.1.1 *Water supply*

Wells # 6 & # 8 were inspected and rehabbed. Rehab operations consisted of camera inspection, air bursting, and pump testing. New pumps and motors were installed and put into operation.

#### 4.1.2 *Water treatment*

The Water Treatment Plant #1 (WTP #1) improvements were put online and substantially completed in June 2022. We continue to work with our Engineer (LAN) and our Contractor (Bowen) through final completion of itemized punch-list and warranty items.

At WTP #1, the North Filter has shown degradation of production to less than 100 gpm. Scheduled maintenance of the North Filter aerator and media system was reviewed in the third quarter and will be completed in the fourth quarter of 2022 and into the first quarter of 2023. The aerator will be cleaned and inspected. North Filter media will be replaced with an improved media support system, underdrain, and air scour grid to bring the system in line with the system implemented as part of the South Filter Rehab. These improvements will improve North filter performance while extending service intervals.

#### 4.1.3 *Water distribution*

No hydrant flushing was performed in the third quarter. The scheduled second round of hydrant flushing is being performed in the fourth quarter of 2022.

CUII had plans for watermain replacement and service line replacement on Wallhaven Ct and service line replacement on Hidden Valley Dr. This project did not receive any bids in the second quarter. CUII had the service line replacements on Hidden Valley Drive rebid at the end of the third quarter with bids due and

awarded in the beginning of the fourth quarter. Wallhaven Court Watermain Replacement project that did not receive bids will be added to the proposed 2023 Watermain Project scheduled to be put out to bid in the first quarter of 2023.

#### *4.1.4 Water storage*

The 200,000 gallon spheroid water tower rehabilitation project started in July of 2022. The owner of the cell tower antenna system mounted on the water tower erected a temporary tower for the temporary relocation of the antennas to allow the water tower rehabilitation to be completed. The tower was taken offline, emptied, and rehab work commenced the last week of July 2022 after WTP #1 was put back online. All scheduled rehab work was completed ahead of schedule. Communication with LOFS went well and started early with a project kick off meeting and was finished with no concerns from LOFS.

The communication and SCADA equipment was inspected. The existing hardware cannot be upgraded and maintained economically and was identified as needing replacement. Toric was identified as the contractor to do this work and will integrate it with the updated system installed at WTP #1.

## **4.2. Wastewater system**

In July 2018, the Indiana Department of Environmental Management (IDEM) issued two warning letters: (1) the excess inflow and infiltration in wastewater collection system, and (2) limited capacity at the Wastewater Treatment Plant (WWTP). In February 2020, IDEM issued two additional warning letters regarding the same issues. CUII is taking action to address these concerns as explained below:

### *4.2.1 Wastewater collection*

#### *Sewer Cleaning and Televising*

CUII engaged AccuDig to complete the annual 10% sewer cleaning/televising. AccuDig completed this work in the second quarter. CUII has engaged with Baxter & Woodman for Basin Study to identify all I&I. This study will provide cost and timing estimates to evaluate overall cost and timing to remove I&I in Twin Lakes collection system.

CUII's cleaning and televising efforts in 2021 identified two level 5, one level 4.5, and one level 4 coded deficiencies, recommended for rehab or repair within 3-5 years. Data presented in a memo dated September 2022 did not identify any level 4 or level 5 coded deficiencies requiring repairs. CUII plans to combine identified deficiencies from 2021 with any deficiencies from subsequent reviews to develop a rehab project in 2023 that has a more economic unit price profile to help keep costs down.

Going forward, CUII plans to complete cleaning and televising of gravity main in conjunction with televising laterals from inside the main. This new activity will enhance CUII's sanitary sewer overflow program through confirmation that all abandoned laterals are capped, and through identifying defects from active laterals.

#### *Manhole Inspections*

No additional manhole inspections were completed in the third quarter of 2022.

#### *Manhole Rehabilitation*

CUII engaged Spectra-Tech, LLC to perform and complete Manhole Lining identified by manhole inspections performed previously. Eleven manholes were lined, and one manhole was grouted by Spectra-Tech, LLC. Two manholes could not be grouted but were identified needing alternative methods of

#### 5.2.1 Home inspections

No home inspections were completed in Q3 2022. The home inspection program was suspended in March 2020 following the COVID-19 pandemic. CUII is currently discussing reinstating this program in conjunction with already occurring meter replacements.

#### 5.2.2 Smoke testing

CUII does not plan to conduct smoke testing in 2022 unless smoke testing is required for I&I Basin Study.

#### 5.2.3 Manhole inspections

No manhole inspections were completed in Q3 2022. CUII Operations Manager is developing a plan to address manhole inspections in 2023.

#### 5.2.4 Sewer defect repairs

CUII has identified from sewer cleaning and televising two sewer segments with Level 5 defects, one segment with a level 4.5 defect and one with a level 4 defect. CUII plans to address these in the 2023 SCIP.

#### 5.2.5 Customer Informational Meetings

CUII has not held a Customer Workshop meeting to discuss its Sanitary Sewer Overflow Program or its Water Discoloration Mitigation Program, in 2022. CUII's Operations Manager is actively reviewing opportunities for a Customer Workshop in early 2023.

#### 5.2.6 Water Service Line Replacements

CUII has not replaced the amount of service lines as targeted in the Performance Metrics. Service Line replacements typically happen in conjunction with water main replacement projects. However, due to labor shortages CUII did not receive bids on its anticipated 2022 water main replacement project. CUII is working to bid 2022 work with 2023 work in anticipation of attracting more bidders. CUII plans to replace additional service lines in 2023 as a result of falling short in 2022.

## 6. Quarterly and Annual Televised Line-Inspection Information

A total of 16,228 linear feet of sewer was cleaned and televised by AccuDig. The data will be reviewed by CUII's consulting engineers (Baxter & Woodman) by the end of 2022.

## 7. Report on Complaints Elevated to Contact Center Director

No complaints were elevated to the Contact Center Director (previously known as Director of Customer Care) in Q3 2022.

## 8. Wastewater Lateral and Manhole Repair Tracking Form

CUII did not repair any wastewater laterals in Q3 2022. CUII did line 12 manholes and grouted one manhole in Q3 2022.

#### 4.1.3 *Water distribution*

Hydrant flushing was completed in October 2023. This was the second round of flushing in 2023.

CUII had plans for watermain replacement and service line replacement on Wallhaven Ct and service line replacement on Hidden Valley Dr. This project did not receive any bids in the second quarter. CUII had the service line replacements on Hidden Valley Drive rebid at the end of the third quarter with bids due and awarded in the beginning of the fourth quarter. A low bidder has been identified and awarded the work of the Rebid contract with work expected to start in the second quarter of 2023. Wallhaven Court Watermain Replacement project that did not receive bids will be added to the proposed 2023 Watermain Project. The 2023 water main replacement bid package will include water main replacements along Wallhaven Ct. And Walnut Hill Circle. This bid package was put out to bid earlier in January. CUII anticipates to open bids February 17, 2023.

#### 4.1.4 *Water storage*

The 200,000 gallon spheroid water tower rehabilitation project started in July of 2022. The owner of the cell tower antenna system mounted on the water tower erected a temporary tower for the temporary relocation of the antennas to allow the water tower rehabilitation to be completed. The tower was taken offline, emptied, and rehab work commenced the last week of July 2022 after WTP #1 was put back online. All scheduled rehab work was completed ahead of schedule. Communication with LOFS went well and started early with a project kick off meeting and was finished with no concerns from LOFS. Removal of temporary tower base and restoration acceptance is all that remains. Tower base should be completed by end of January, and final restoration acceptance will be weather dependent.

The communication and SCADA equipment was inspected. The existing hardware cannot be upgraded and maintained economically and was identified as needing replacement. Toric was identified as the contractor to do this work and will integrate it with the updated system installed at WTP #1 in March of 2023.

## 4.2. Wastewater system

In July 2018, the Indiana Department of Environmental Management (IDEM) issued two warning letters: (1) the excess inflow and infiltration in wastewater collection system, and (2) limited capacity at the Wastewater Treatment Plant (WWTP). In February 2020, IDEM issued two additional warning letters regarding the same issues. CUII is taking action to address these concerns as explained below:

#### 4.2.1 *Wastewater collection*

##### *Sewer Cleaning and Televising*

CUII engaged AccuDig to complete the annual 10% sewer cleaning/televising. AccuDig completed this work in the second quarter. CUII has engaged with Baxter & Woodman for Basin Study to identify all I&I. This study will provide cost and timing estimates to evaluate overall cost and timing to remove I&I in Twin Lakes collection system.

CUII's cleaning and televising efforts in 2021 identified two level 5, one level 4.5, and one level 4 coded deficiencies, recommended for rehab or repair within 3-5 years. Data presented in a memo dated September 2022 did not identify any level 4 or level 5 coded deficiencies requiring repairs. CUII plans to combine identified deficiencies from 2021 with any deficiencies from subsequent reviews to develop a rehab project in 2023 that has a more economic unit price profile to help keep costs down.



#### 5.2.5 *Customer Informational Meetings*

CUII has not held a Customer Workshop meeting to discuss its Sanitary Sewer Overflow Program nor its Water Discoloration Mitigation Program, in 2022. CUII's is working with the Jerry Ross Elementary School, to schedule a customer workshop in 2023, utilizing their gymnasium.

#### 5.2.6 *Water Service Line Replacements*

CUII has not replaced the amount of service lines as targeted in the Performance Metrics. Service Line replacements typically happen in conjunction with water main replacement projects. However, due to labor shortages CUII did not receive bids on its anticipated 2022 water main replacement project. CUII is working to bid 2022 water main replacement work with 2023 work in anticipation of attracting more bidders. CUII's 2023 plans will include replacement of service lines there were originally planned for 2022.

#### 5.2.7 *Collection System Expansion (Phase 2 and Phase 3) Progress and Filing and Approval of Collection System Expansion*

CUII proposed improvements to the wastewater treatment plant in a pre-approval case (Cause No. 45389), however, CUII's request was denied. This metric will not be met.

#### 5.2.8 *Central Plant Expansion and Filing and Approval of Central Plant Expansion*

CUII proposed improvements to the wastewater treatment plant in a pre-approval case (Cause No. 45389), however, CUII's request was denied. This metric will not be met.

## 6.Q uarterly and Annual Televised Line-Inspection Information

A total of 16,228 linear feet of sewer was cleaned and televised by AccuDig. The data will be reviewed by CUII's consulting engineers (Baxter & Woodman) by the end of 2022.

## 7.R eport on Complaints Elevated to Contact Center Director

No complaints were elevated to the Contact Center Director (previously known as Director of Customer Care) in Q4 2022.

## 8.W astewater Lateral and Manhole Repair Tracking Form

CUII did not repair any wastewater laterals in Q4 2022 nor did CUII repair manholes in Q4.

## 9. Appendices

### 9.1. Previously submitted

- None

### 9.2. Submitted with this filing

- On Call journal – "On Call Journal Q4 2022"
- Hydrant flushing worksheets – "Hydrant Master Record Q4 2022"
- IDEM monthly operating reports – "CUII Q4 2022 MROs"
- Performance metrics – "CUII Performance Metrics – Q4 - 2022"

Hidden Valley Service Line Breaks/Leaks, Dates of Leaks/Breaks, and Remediation

DR	DR	Address	Remediation Action Taken	Date of Field Activity for Leak/Break	Full or partial SL replace.	1-in. copper SL (ft.)	New B-Box	New Curb Stop	Invoice Amount	CS&W Invoice No.	CS&W Invoice Date
3-1a	3-1b	1 1989 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
		1904 HIDDEN VALLEY DR (1)	Partial - 4 feet PE to copper	12/23/2010	Partial	4	No	No	\$ 1,404.27	2842	12/28/2010
1		1990 HIDDEN VALLEY DR	Replaced from main to curb	5/15/2015	Full	18	Yes	Yes	\$ 2,401.32	4039	5/28/2015
2		1991 HIDDEN VALLEY DR	Replaced from main to curb	11/1/2014	Full						
3		1992 HIDDEN VALLEY DR	Replaced from main to curb	7/28/2014	Full	18	Yes (2)	Yes (2)	\$ 2,725.32	3817	7/30/2014
		1993 HIDDEN VALLEY DR	Replaced from main to curb								
2		1993 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
3		1994 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
4		1995 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
5		1996 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
4		1997 HIDDEN VALLEY DR	Replaced from main to curb	9/2/2013	Full						
6		1998 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
5		1999 HIDDEN VALLEY DR	Replaced from main to curb	9/24/2018	Full						
6		2000 HIDDEN VALLEY DR	Replaced from main to curb	8/1/2022	Full						
		2001 HIDDEN VALLEY DR	Replace broken B-Box	10/2/2012	NA	NA	Yes	No	\$ 630.00	3320	10/11/2012
7		2001 HIDDEN VALLEY DR	Replaced from main to curb	10/27/2016	Full						
7		2002 LAKEWOOD PL	2023 Service Line Replacement	Not Listed	Full						
8		2043 LAKEWOOD PL	2023 Service Line Replacement	Not Listed	Full						
8		2046 HIDDEN VALLEY DR	Replaced from main to curb	7/9/2015	Full						
		2046 HIDDEN VALLEY DR	Replaced from main to curb	12/7/2015	Full	55	Yes(2)	Yes(2)	\$ 6,449.50	4149	12/20/2015
9		2047 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
10		2048 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
9		2049 HIDDEN VALLEY DR	Replaced from main to curb	10/20/2011	Full						
		2049 HIDDEN VALLEY DR	Partial - 9 feet PE to copper	10/20/2011	Partial	9	No	No	\$ 1,413.90	3059	10/20/2011
10		2050 HIDDEN VALLEY DR	Replaced from main to curb	7/23/2013	Full						
11		2051 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
12		2052 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						

DR	DR	Address	Remediation Action Taken	Date of Field Activity for Leak/Break	Full or partial SL replace.	1-in. copper SL (ft.)	New B-Box	New Curb Stop	Invoice Amount	CS&W Invoice No.	CS&W Invoice Date
11		2054 HIDDEN VALLEY DR	Replaced from main to curb	10/10/2020	Full						
		2055 HIDDEN VALLEY DR	Replaced from main to curb	10/16/2012	Full	13	No	No	\$ 1,486.50	3338	10/25/2012
12		2055 HIDDEN VALLEY DR	Replaced from main to curb	11/24/2012	Full						
	13	2056 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
	14	2057 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
	15	2058 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
	16	2059 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
13		2060 HIDDEN VALLEY DR	Replaced from main to curb	7/6/2011	Full						
14		2061 HIDDEN VALLEY DR	Replaced from main to curb	4/28/2010	Full						
		2061 HIDDEN VALLEY DR	Partial - 4 feet PE to copper	4/28/2010	Partial	4	No	No	\$ 1,458.40	2632	5/2/2010
		2061 HIDDEN VALLEY DR	Replaced from main to curb	7/6/2011	Full	55	No	No	\$ 2,550.50	2992	7/21/2011
		2062 HIDDEN VALLEY DR	Dual service line with 2061								
	17	2062 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
15		2063 HIDDEN VALLEY DR	Replaced from main to curb	2/26/2014	Full						
		2064 HIDDEN VALLEY DR	Thaw frozen service under road	2/16/2014	NA	NA	No	No	\$ 3,795.00	3709	2/24/2014
		2065 HIDDEN VALLEY DR	(occurred twice)								
16		2064 HIDDEN VALLEY DR	Replaced from main to curb	2/26/2014	Full						
17		2065 HIDDEN VALLEY DR	Replaced from main to curb	10/9/2020	Full						
18		2066 HIDDEN VALLEY DR	Replaced from main to curb	10/9/2020	Full						
	18	2067 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
19		2069 HIDDEN VALLEY DR	Replaced from main to curb	4/15/2010	Full						
		2069 HIDDEN VALLEY DR	Replaced from main to curb	11/17/2010	Full	45	No	No	\$ 3,434.50	2813	11/23/2010
	19	2070 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
	20	2071 HIDDEN VALLEY DR	2023 Service Line Replacement	Not Listed	Full						
20		2072 HIDDEN VALLEY DR	Replaced from main to curb	11/17/2010	Full						
21		2074 HIDDEN VALLEY DR	Replaced from main to curb	10/20/2009	Full	52	Yes	No	\$ 3,751.20	2541	11/8/2009
		2074 HIDDEN VALLEY DR	Replaced from main to curb	11/2/2009	Full	52	Yes	No	\$ 3,751.20	2541	11/8/2009
		2074 HIDDEN VALLEY DR	Replace broken B-Box	7/26/2012	NA	NA	Yes	No	\$ 630.00	3260	7/26/2012

DR	DR	Address	Remediation Action Taken	Date of Field Activity for Leak/Break	Full or partial SL replace.	1-in. copper SL (ft.)	New B-Box	New Curb Stop	Invoice Amount	CS&W Invoice No.	CS&W Invoice Date
22		2075 HIDDEN VALLEY DR	Replaced from main to curb	10/20/2009	Full						
		2076 HIDDEN VALLEY DR	Partial - 4 feet PE to copper	5/21/2010	Partial	4	No	No	\$ 1,186.40	2657	5/31/2010
23		2076 HIDDEN VALLEY DR	Replaced from main to curb	10/4/2012	Full	58	No	No	\$ 2,594.00	3323	10/11/2012
24		2077 HIDDEN VALLEY DR	Replaced from main to curb	10/4/2012	Full						
	21	<b>2078 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	<b>Not Listed</b>	<b>Full</b>						
		2079 HIDDEN VALLEY DR	Replaced from main to curb	7/9/2015	Full	55	Yes	Yes	\$ 4,539.82	4069	7/21/2015
		2080 HIDDEN VALLEY DR	Replaced from main to curb								
25		2079 HIDDEN VALLEY DR	Replaced from main to curb	7/22/2015	Full						
26		2080 HIDDEN VALLEY DR	Replaced from main to curb	7/9/2015	Full						
	22	<b>2082 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	<b>Not Listed</b>	<b>Full</b>						
	23	<b>2086 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	<b>Not Listed</b>	<b>Full</b>						
27		2087 HIDDEN VALLEY DR	Replaced from main to curb	1/19/2012	Full						
		2087 HIDDEN VALLEY DR	Partial - 3 feet PE to copper	1/19/2012	Partial	3	No	No	\$ 1,431.04	3127	1/26/2012
	24	<b>2089 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	<b>Not Listed</b>	<b>Full</b>						
	25	<b>2090 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	<b>Not Listed</b>	<b>Full</b>						
28		2091 HIDDEN VALLEY DR	Replaced from main to curb	7/24/2017	Full						
	26	<b>2093 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	<b>Not Listed</b>	<b>Full</b>						
	27	<b>2094 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	<b>Not Listed</b>	<b>Full</b>						
29		2095 HIDDEN VALLEY DR	Replaced from main to curb	3/20/2012	Full						
	28	<b>2096 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	<b>Not Listed</b>	<b>Full</b>						
30		2098 HIDDEN VALLEY DR	Replaced from main to curb	11/13/2014	Full	56	Yes	Yes	\$ 3,617.89	3916	11/25/2014
31		2099 HIDDEN VALLEY DR	Replaced from main to curb	6/5/2009	Full						
		2099 HIDDEN VALLEY DR	Replaced from main to curb	4/3/2012	Full	52	No	No	\$ 2,624.20	3170	4/9/2012
32		2100 HIDDEN VALLEY DR	Replaced from main to curb	6/5/2009	Full						
33		2110 HIDDEN VALLEY DR	Replaced from main to curb	12/5/2008	Full						
		2110 HIDDEN VALLEY DR	Replaced from main to curb	11/19/2010	Full	55	No	No	\$ 3,495.50	2815	11/23/2010
34		2111 HIDDEN VALLEY DR	Replaced from main to curb	2/4/2013	Full						
35		2112 HIDDEN VALLEY DR	Replaced from main to curb	2/4/2013	Full	57	No	No	\$ 2,583.50	3439	2/13/2013

DR	DR			Date of Field	Full or	1-in.	New		CS&W	CS&W	
3-1a	3-1b	Address	Remediation Action Taken	Leak/Break	partial SL	copper SL	B-Box	Curb	Invoice	Invoice	
					replace.	(ft.)	Stop	Amount	No.	Invoice	
										Date	
		2113 HIDDEN VALLEY DR	Replaced from main to curb	8/10/2012	Full	52	No	No	\$ 2,529.20	3274	8/15/2012
36		2113 HIDDEN VALLEY DR	Replaced from main to curb	6/25/2020	Full						
37		2114 HIDDEN VALLEY DR	Replaced from main to curb	8/10/2012	Full						
	29	<b>2115 HIDDEN VALLEY DR</b>	2023 Service Line Replacement	Not Listed	Full						
	30	<b>2116 HIDDEN VALLEY DR</b>	2023 Service Line Replacement	Not Listed	Full						
38		2117 HIDDEN VALLEY DR	Replaced from main to curb	12/5/2008	Full						
	31	<b>2119 HIDDEN VALLEY DR</b>	2023 Service Line Replacement	Not Listed	Full						
		2120 HIDDEN VALLEY DR	Partial - 6 feet PE to copper	9/15/2010	Partial	6	No	No	\$ 1,446.34	2760	9/22/2010
39		2120 HIDDEN VALLEY DR	Replaced from main to curb	9/15/2010	Full						
40		2121 HIDDEN VALLEY DR	Replaced from main to curb	9/27/2017	Full						
	32	<b>2122 HIDDEN VALLEY DR</b>	2023 Service Line Replacement	Not Listed	Full						
	33	<b>2123 HIDDEN VALLEY DR</b>	2023 Service Line Replacement	Not Listed	Full						
		2124 HIDDEN VALLEY DR	Replaced from main to curb	5/7/2010	Full	15	No	No	\$ 1,441.50	2643	5/11/2010
41		2124 HIDDEN VALLEY DR	Replaced from main to curb	7/10/2015	Full						
		2125 HIDDEN VALLEY DR	Partial - 5 feet PE to copper	10/1/2014	Partial	5	No	Yes	\$ 2,211.39	3898	11/11/2014
		2125 HIDDEN VALLEY DR	Replaced from main to curb	7/10/2015	Full	130	Yes (2)	Yes (2)	\$ 6,852.32	4070	7/21/2015
		2126 HIDDEN VALLEY DR	Replaced from main to curb								
		2125 HIDDEN VALLEY DR	Partial - 5 feet PE to copper	7/27/2015	Partial	5	Yes (2)	Yes (2)	\$ 2,149.82	4081	8/3/2015
		2126 HIDDEN VALLEY DR									
42		2125 HIDDEN VALLEY DR	Replaced from main to curb	7/27/2015	Full						
43		2126 HIDDEN VALLEY DR	Replaced from main to curb	7/27/2015	Full						
	34	<b>2127 HIDDEN VALLEY DR</b>	2023 Service Line Replacement	Not Listed	Full						
	35	<b>2128 HIDDEN VALLEY DR</b>	2023 Service Line Replacement	Not Listed	Full						
	36	<b>2129 HIDDEN VALLEY DR</b>	2023 Service Line Replacement	Not Listed	Full						
		2130 HIDDEN VALLEY DR	Replaced from main to curb	7/20/2015	Full	52	Yes(2)	Yes(2)	\$ 4,718.32	4077	8/3/2015
	37	<b>2130 HIDDEN VALLEY DR.</b>	2023 Service Line Replacement	Not Listed	Full						
		2131 HIDDEN VALLEY DR	Partial - 7 feet PE to copper	7/20/2012	Partial	7	No	No	\$ 1,429.57	3254	7/21/2012
44		2131 HIDDEN VALLEY DR	Replaced from main to curb	11/21/2012	Full	82	No	No	\$ 3,116.00	3366	11/26/2012

DR	DR	Address	Remediation Action Taken	Date of Field Activity for Leak/Break	Full or partial SL replace.	1-in. copper SL (ft.)	New B-Box	New Curb Stop	Invoice Amount	CS&W Invoice No.	CS&W Invoice Date
45		2132 HIDDEN VALLEY DR	Replaced from main to curb	11/21/2012	Full						
	38	<b>2133 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	Not Listed	Full						
46		2134 HIDDEN VALLEY DR	Replaced from main to curb	4/28/2009	Full						
47		2135 HIDDEN VALLEY DR	Replaced from main to curb	4/9/2013	Full						
48		2136 HIDDEN VALLEY DR	Replaced from main to curb	5/21/2020	Full						
49		2137 HIDDEN VALLEY DR	Replaced from main to curb	10/5/2022	Full						
50		2139 HIDDEN VALLEY DR	Replaced from main to curb	9/20/2013	Full						
		2139 HIDDEN VALLEY DR	Replaced from main to curb	12/18/2015	Full	58	Yes (2)	Yes (2)	\$ 6,403.32	4158	12/20/2015
		2142 HIDDEN VALLEY DR	Replaced from main to curb								
51		2140 HIDDEN VALLEY DR	Replaced from main to curb	6/6/2013	Full						
52		2141 HIDDEN VALLEY DR	Replaced from main to curb	6/6/2013	Full						
53		2142 HIDDEN VALLEY DR	Replaced from main to curb	12/18/2015	Full						
54		2143 HIDDEN VALLEY DR	Replaced from main to curb	6/6/2013	Full						
	39	<b>2144 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	Not Listed	Full						
		2145 HIDDEN VALLEY DR	Replaced from main to curb	9/3/2010	Full	18	Yes	Yes	\$ 2,441.42	2747	9/8/2010
40		<b>2146 HIDDEN VALLEY DR</b>	<b>2023 Service Line Replacement</b>	Not Listed	Full						
					Count	21					
				Total	Full	1030			\$ 71,105.71		
				Average		49.0	Ft.		\$ 69.03	per Ft.	

Notes:

1. Incorrect Address - 1904 Hidden Valley Dr. does not exist.
2. Black text indicates information provided in response to DR 3-1a List of Hidden Valley Dr. addresses where the service line was previously replaced.
3. **Black text** indicates information provided in response to DR 3-1b - List of Hidden Valley Dr. addresses where the service line was replaced in 2023.
4. Red text is from information provided by Petitioner in Cause No. 44724 on invoices from Central Sewer & Water.

3004805

**Central Sewer & Septic**  
P.O. Box 878  
McHenry, IL 60051

# CENTRAL SEWER & SEPTIC

815-790-0175

216339

**Invoice**

Date	Invoice #
11/8/2009	2541
Business Unit Ref #	
150100-CA	

Bill To  
 Utilities, Inc.  
 Attention: Accounts Payable  
 2335 Sanders Road  
 Northbrook, IL 60062

P.O. No.	Terms
47880	Net 30

Service Date	Item	Quantity	Description	Rate	Amount
11/2/2009			RE: TWIN LAKES UTILITIES 2074 HIDDEN VALLEY  WATER LINE REPLACEMENT  EXCAVATE WATER SERVICE AT TAP ON WATER MAIN EXCAVATE WATER SERVICE AT B-BOX OPEN CUT ROAD AS NECESSARY TO LOCATE WATER SERVICE INSTALL NEW 1" COPPER FROM MAIN TO CURB STOP MANIIFOLD INSTALL NEW B-BOX AND RISER BACKFILL ROAD WITH #53 ROAD MIX BACKFILL AND GRADE DITCHES		
	BACKHOE	10	BACKHOE WITH OPERATOR 10.0 HRS. @ \$120.00 PER HR	120.00	1,200.00
	(2) LABORERS	10	TWO LABORERS 10.0 HRS. @ \$120.00 PER HR	120.00	1,200.00
	SERVICE TRUCK	10	ONE SERVICE TRUCK 10.0 HRS. @ \$30.00 PER HR.	30.00	300.00
	1" COPPER TUBING	52	52" OF 1" COPPER TUBING	6.10	317.20
	1" MALE FLARED AD...	1	1" MALE FLARED ADAPTOR	34.00	34.00
	STONE PER 6 WHEE...	2	2 SIX WHEELER LOADS OF #53 ROAD MIX	300.00	600.00
	DUMP FEE	2	2S LOADS OF SPOILS	50.00	100.00

RECEIVED  
NOV 30 2009

NOV 30 2009

Thank You for Your Business!  
 Please contact us with any questions or comments you may have at 815-790-0175 or  
 centralsewerseptic.jason@yahoo.com

**Total:** \$3,751.20



3004805

Batch 81423

257152

**Invoice**

**Central Sewer & Septic**  
P.O. Box 878  
McHenry, IL 60051

**CENTRAL**  
**SEWER & SEPTIC**  
**815-790-0175**

Date	Invoice #
5/2/2010	2632
Business Unit Ref. #	
150100	

**Bill To**  
Utilities, Inc.  
Attention: Accounts Payable  
2335 Sanders Road  
Northbrook, IL 60062

P.O. No.	Terms
58579	Net 30

Service Date	Item	Quantity	Description	Rate	Amount
4/28/2010			RE: TWIN LAKES UTILITIES 2061 HIDDEN VALLEY  EMERGENCY REPAIR  EXCAVATE BROKEN WATER SERVICE REMOVE APPROX 4FT OF EXISTING 1" POLY REPLACE WITH NEW 1" COPPER TUBING RECONNECT WATER SERVICE BACKFILL AND GRADE		
	BACKHOE	5	BACKHOE W/ OPERATOR 5.0 HRS @ \$120.00 PER HOUR	120.00	600.00
	(2) LABORERS	5	(2) LABORERS 5.0 HRS @ \$120.00 PER HOUR	120.00	600.00
	SERVICE TRUCK	5	SERVICE TRUCK 5.0R HRS @ \$30.00 PER HOUR	30.00	150.00
	1" COPPER TUBING	4	4FT OF 1" COPPER @ \$6.10/FT	6.10	24.40
	1" COMP COUPLING	2		42.00	84.00

**RECEIVED**  
MAY 04 2010

**Thank You for Your Business!**  
Please contact us with any questions or comments you may have at 815-790-0175 or  
centralsewerseptic.jason@yahoo.com

**Total:** \$1,458.40



3604805

**Central Sewer & Septic**  
P.O. Box 878  
McHenry, IL 60051

# CENTRAL SEWER & SEPTIC

**815-790-0175**

## Invoice

Date	Invoice #
5/11/2010	2643
Business Unit Ref. #	
150100	

**Bill To**  
Utilities, Inc.  
Attention: Accounts Payable  
2335 Sanders Road  
Northbrook, IL 60062

Batch 82740  
Doc 262413

P.O. No.	Terms
59558	Net 30

Service Date	Item	Quantity	Description	Rate	Amount
5/7/2010			RE: TWIN LAKE UTILITIES 2124 HIDDEN VALLEY DRIVE  EMERGENCY REPAIR  EXCAVATE BROKEN WATER SERVICE REMOVE AND REPLACE APPROX. 15FT OF POLY WITH COPPER FROM MAIN TO B-BOX RECONNECT WATER SERVICE AT MAIN & B-BOX BACKFILL AND GRADE		
	BACKHOE	5	BACKHOE 5.0 HRS @ \$120.00 PER HOUR	120.00	600.00
	(2) LABORERS	5	(2) LABORERS 5.0HRS @ \$120.00 PER HOUR	120.00	600.00
	SERVICE TRUCK	5	SERVICE TRUCK 5.0HRS @ \$30.00 PER HOUR	30.00	150.00
	1" COPPER TUBING	15	15FT @ \$6.10/FT	6.10	91.50

<p><b>Thank You for Your Business!</b> Please contact us with any questions or comments you may have at 815-790-0175 or centralsewerseptic.jason@yahoo.com</p>	<p><b>Total:</b> \$1,441.50</p>
--	---------------------------------

3004805

Batch: 86107

274423

**Invoice**

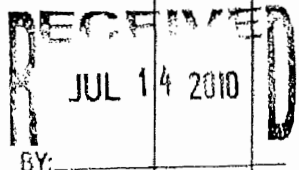
**Central Sewer & Septic**  
P.O. Box 878  
McHenry, IL 60051

**CENTRAL**  
**SEWER & SEPTIC**  
**815-790-0175**

Date	Invoice #
5/31/2010	2657
Business Unit Ref. #	
150100	

**Bill To**  
Utilities, Inc.  
Attention: Accounts Payable  
2335 Sanders Road  
Northbrook, IL 60062

P.O. No.	Terms
60571	Net 30

Service Date	Item	Quantity	Description	Rate	Amount
5/21/2010			RE: TWIN LAKES UTILITIES 2076 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE REMOVE AND REPLACE APPROX 4FT OF POLY WITH COPPER RECONNECT WATER SERVICE BACKFILL AND GRADE		
	BACKHOE	4	BACKHOE W/ OPERATOR 4.0 HRS @ \$120.00 PER HOUR	120.00	480.00
	(2) LABORERS	4	(2) LABORERS 4.0 HRS @ \$120.00 PER HOUR	120.00	480.00
	SERVICE TRUCK	4	SERVICE TRUCK 4.0 HRS @ \$30.00 PER HOUR	30.00	120.00
	1" COPPER TUBING	4	4FT @ \$6.10/FT	6.10	24.40
	1" COMP COUPLING	2		42.00	84.00
JUL 14 2010					
					

<p><b>Thank You for Your Business!</b> Please contact us with any questions or comments you may have at 815-790-0175 or centralsewerseptic.jason@yahoo.com</p>	<p><b>Total:</b> \$1,188.40</p>
--	---------------------------------

3004805

Batch 90669  
292157  
Doc **INVOICE**

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-432-5180  
Fax # 888-515-2297

Invoice #
2747
Date
9/8/2010

centralsewerseptic.jason@yahoo.com

**Bill To**  
Utilities, Inc.  
Attention: Accounts Payable  
2335 Sanders Road  
Northbrook, IL 60062

<b>Business Unit Ref #</b>	<b>Company/Location</b>
150100	TWIN LAKES
<b>P.O. Number</b>	<b>Terms</b>
67809	Net 30

DOS	Item	Qt	Description	Rate	Amount
9/3/2010			RE: TWIN LAKES WATER CO. 2145 HIDDEN VALLEY  EMERGENCY REPAIR  EXCAVATE WATER SERVICE AT MAIN REMOVE BROKEN TAP SADDLE INSTALL NEW 6X1" STAINLESS STEEL TAP SADDLE INSTALL APPROX 18FT OF COPPER FROM MAIN TO B-BOX INSTALL NEW CURB STOP AND B-BOX BACKFILL AND GRADE		
	BACKHOE	7	BACKHOE WITH/ OPERATOR 7.0 HRS @ \$120.00 PER HOUR	120.00	840.00
	(2) LABORERS	7	(2) LABORERS 7.0 HRS @ \$120.00 PER HOUR	120.00	840.00
	SERVICE TRUCK	7	SERVICE TRUCK 0.0 HRS @ \$30.00 PER HOUR	30.00	210.00
	6"X1" SS TAP SADDLE	1		302.60	302.60
	1" COPPER TUBING	18	PRICE PER FOOT	6.10	109.80
	1" CURB STOP	1		139.02	139.02
	B-BOX W/ BUSHING		SUPPLIED BY UTILITIES, INC		0.00

SEP 20 2010

**RECEIVED**  
SEP 04 2010

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-432-5180 or 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,441.42
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,441.42

3004805

Batch 91857  
Doc 297459

# INVOICE

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-432-5180  
Fax # 888-515-2297

<b>Invoice #</b>
2760
<b>Date</b>
9/22/2010

centralsewerseptic.jason@yahoo.com

<b>Bill To</b>
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

<b>Business Unit Ref #</b>	<b>Company/Location</b>
150100	TWIN LAKES WATER
<b>P.O. Number</b>	<b>Terms</b>
68735	Net 30

DOS	Item	Qt	Description	Rate	Amount
9/15/2010			RE: TWIN LAKES WATER 2120 HIDDEN VALLEY  * EMERGENCY REPAIR *  EXCAVATE BROKEN WATER SERVICE REMOVE AND REPLACE APPROX. 6FT OF 1" POLY WITH 1" COPPER BACKFILL AND GRADE		
	BACKHOE	5	BACKHOE WITH/ OPERATOR 5.0 HRS @ \$120.00 PER HOUR	120.00	600.00
	(2) LABORERS	5	(2) LABORERS 5.0 HRS @ \$120.00 PER HOUR	120.00	600.00
	SERVICE TRUCK	5	SERVICE TRUCK 5.0 HRS @ \$30.00 PER HOUR	30.00	150.00
	1" COPPER TUBING	6	PRICE PER FOOT	6.10	36.60
	1" COUPLING	2	COMPRESSION	29.87	59.74

OCT 07 2010

RECEIVED  
SEP 30 2010

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-432-5180 or 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$1,446.34
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$1,446.34

3004805

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & SEPTIC

## 815-790-0175

## INVOICE

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-432-5180  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Invoice #	2813
Date	11/23/2010

Batch 95706  
Doc 313018

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
73077	Net 30

DOS	Item	Qt	Description	Rate	Amount
11/17/2010			RE: TWIN LAKES UTILITIES (WATER) 2069 HIDDEN VALLEY		
			* WATER SERVICE BROKEN UNDER ROAD *		
			EXCAVATE WATER SERVICE AT TAP ON MAIN EXCAVATE WATER SERVICE AT B-BOX AUGER UNDER ROAD PULL NEW 1" COPPER UNDER ROAD RECONNECT NEW WATER SERVICE/MAKE NEW CONNECTIONS BACKFILL AND GRADE		
	BACKHOE	8	BACKHOE WITH/ OPERATOR 8.0 HRS @ \$120.00 PER HOUR	120.00	960.00
	(2) LABORERS	8	(2) LABORERS 8.0 HRS @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK 8.0 HRS @ \$30.00 PER HOUR	30.00	240.00
	1" COPPER TUBING	45	PRICE PER FOOT	6.10	274.50
	DIRECTIONAL BORING	1		1,000.00	1,000.00

DEC 07 2010

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RECEIVED

DEC 06 2010

BY: \_\_\_\_\_

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-432-5180 or 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$3,434.50
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$3,434.50

3004805

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# INVOICE

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-432-5180  
Fax # 888-515-2297

# CENTRAL SEWER & SEPTIC 815-790-0175

centralsewerseptic.jason@yahoo.com

Batch 95706

Doc 313023

Invoice #
2815
Date
11/23/2010

**Bill To**  
Utilities, Inc.  
Attention: Accounts Payable  
2335 Sanders Road  
Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
73214	Net 30

DOS	Item	Qt	Description	Rate	Amount
11/19/2010			RE: TWIN LAKES UTILITIES, INC 2110 HIDDEN VALLEY		
			EXCAVATE WATER SERVICE AT MAIN EXCAVATE WATER SERVICE AT B-BOX AUGER UNDER ROAD PULL NEW 1" COPPER UNDER ROAD MAKE NEW CONNECTIONS AT B-BOX AND WATER MAIN BACKFILL AND GRADE		
	BACKHOE	8	BACKHOE WITH/ OPERATOR 8.0 HRS @ \$120.00 PER HOUR	120.00	960.00
	(2) LABORERS	8	(2) LABORERS 8.0 HRS @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK 8.0 HRS @ \$30.00 PER HOUR	30.00	240.00
	1" COPPER TUBING	55	PRICE PER FOOT	6.10	335.50
	DIRECTIONAL BORING	1		1,000.00	1,000.00

DEC 07 2010  
**RECEIVED**  
DEC 06 2010  
BY: \_\_\_\_\_

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-432-5180 or 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$3,495.50
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$3,495.50

3004805

Batch 97305

Doc 318905

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & SEPTIC 815-790-0175

## INVOICE

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-432-5180  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Invoice #
2842
Date
12/28/2010

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
74800	Net 30

DOS	Item	Qt	Description	Rate	Amount
12/23/2010			RE: TWIN LAKES 1904 HIDDEN VALLEY  EMERGENCY REPAIR  EXCAVATE BROKEN WATER SERVICE REMOVE AND REPLACE 4FT OF POLY WITH COPPER BACKFILL AND GRADE		
	BACKHOE	5	BACKHOE WITH/ OPERATOR 5.0 HRS @ \$120.00 PER HOUR	120.00	600.00
	(2) LABORERS	5	(2) LABORERS 5.0 HRS @ \$120.00 PER HOUR	120.00	600.00
	SERVICE TRUCK	5	SERVICE TRUCK 5.0 HRS @ \$30.00 PER HOUR	30.00	150.00
	1" COPPER TUBING	4	PRICE PER FOOT	6.10	24.40
	1" COUPLING	1	COMPRESSION	29.87	29.87

JAN 05 2011

**RECEIVED**  
DEC 31 2010

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-432-5180 or 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$1,404.27
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$1,404.27

3004805

Batch 103260

Doc 338409  
**INVOICE**

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & SEPTIC

## 815-790-0175

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-432-5180  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Invoice #
2899
Date
3/16/2011

**Bill To**  
Utilities, Inc.  
Attention: Accounts Payable  
2335 Sanders Road  
Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
79726	Net 30

DOS	Item	Qt	Description	Rate	Amount
3/15/2011			RE: TWIN LAKES UTILITIES, INC. 2060 HIDDEN VALLEY DRIVE		
			EXCAVATE BROKEN FIRE HYDRANT REMOVE BROKEN FIRE HYDRANT REMOVE AND RELOCATE 1" TAP FOR WATER SERVICE INSTALL NEW 6" GATE VALVE WITH VALVE BOX AND STABILIZER INSTALL NEW 6FT MUELLER FIRE HYDRANT INSTALL NEW 1" TAP SADDLE RECONNECT WATER SERVICE BED PIPE AND HYDRANT IN STONE BACKFILL AND GRADE REMOVE SPOILS		
	BACKHOE	8	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	960.00
	(2) LABORERS	8	(2) LABORERS @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	240.00
	6" MJ GATE VALVE	1		684.25	684.25
	VALVE BOX	1		150.00	150.00
	VALVE BOX STABILIZ...	1		35.00	35.00
	FIRE HYDRANT M6	1	6FT BURY	2,346.00	2,346.00
	6"X1" EPOXY TAP SA...	1		94.73	94.73
	1" CORP	1		174.22	174.22
	6" COUPLINGS	1	POWERSEAL	174.60	174.60
	STONE PER YD	2		50.00	100.00

APR 01 2011

PAID  
APR 1 2011

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-432-5180 or 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$5,918.80
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$5,918.80



3004805

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

# CENTRAL SEWER & SEPTIC

## 815-790-0175

centralsewerseptic.jason@yahoo.com

Batch

## INVOICE

Invoice #
2992
Date
7/21/2011

Batch 111343

Doc 367303

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
151100	TWIN LAKES WATER
P.O. Number	Terms
88369	Net 30

DOS	Item	Qt	Description	Rate	Amount
7/6/2011			RE: TWIN LAKES WATER 2061 & 2062 HIDDEN VALLEY		
			WATER SERVICE BROKEN UNDER DRIVEWAY EXCAVATE WATER SERVICE AT MAIN AND B-BOX PULL NEW 1" COPPER TUBING UNDER DRIVEWAY RECONNECT AT WATER MAIN & AT CURB STOP BACKFILL & GRADE		
	BACKHOE	8	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	960.00
	(2) LABORERS	8	(2) LABORERS @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	240.00
	1" COPPER TUBING	55	PRICE PER FOOT	7.10	390.50

AUG 05 2011

RECEIVED

JUL 25 2011

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,550.50
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,550.50

3004805

Batch 116722

Doc 388170

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & SEPTIC

## 815-790-0175

## INVOICE

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Invoice #
3059
Date
10/20/2011

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
94766	Net 30

DOS	Item	Qt	Description	Rate	Amount
10/20/2011			RE: TWIN LAKES WATER 2049 HIDDEN VALLEY		
			- EXCAVATE BROKEN WATER SERVICE		
			- REMOVE AND REPLACE APPROX 9FT OF 1" POLY WITH 1" COPPER FROM MAIN TO B-BOX		
			- MAKE NEW CONNECTIONS AT MAIN AND B-BOX		
			- BACKFILL AND GRADE		
	BACKHOE	5	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	600.00
	(2) LABORERS	5	(2) LABORERS @ \$120.00 PER HOUR	120.00	600.00
	SERVICE TRUCK	5	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	150.00
	1" COPPER TUBING	9	PRICE PER FOOT	7.10	63.90

**RECEIVED**  
 OCT 24 2011

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$1,413.90
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$1,413.90

3004805

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

Batch 122407  
Doc 409088

# INVOICE

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

Invoice #
3127
Date
1/26/2012

centralsewerseptic.jason@yahoo.com

**Bill To**  
Utilities, Inc.  
Attention: Accounts Payable  
2335 Sanders Road  
Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
100921	Net 30

DOB	Item	Qt	Description	Rate	Amount
1/19/2012			RE: TWIN LAKES WATER 2087 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE REMOVE AND REPLACE 3FT OF 1" POLY WITH 1" COPPER RECONNECT EXISTING WATER SERVICE BACKFILL AND GRADE		
	BACKHOE	5	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	600.00
	(2) LABORERS	5	(2) LABORERS @ \$120.00 PER HOUR	120.00	600.00
	SERVICE TRUCK	5	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	150.00
	1" COPPER TUBING	3	PRICE PER FOOT	7.10	21.30
	1" COUPLING	2	COMPRESSION	29.87	59.74

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$1,431.04
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$1,431.04

complaint log 1/20/12

Batch 127749

Doc 329196

# INVOICE

Invoice #
3170
Date
4/9/2012

3004805

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & WATER 815-790-0175

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
105835	Net 30

DOB	Item	Qt	Description	Rate	Amount
4/3/2012			RE: TWIN LAKES WATER 2099 HIDDEN VALLEY  * EMERGENCY REPAIR - WATER SERVICE BROKEN UNDER ROAD *  EXCAVATE WATER SERVICE AT MAIN AND AT B-BOX PUSH PULLING CABLE THROUGH EXISTING WATER SERVICE PULL NEW 1" COPPER UNDER ROAD RECONNECT WATER SERVICE AT MAIN AND AT MANIFOLD BACKFILL AND GRADE		
	BACKHOE	8	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	960.00
	(2) LABORERS	8	(2) LABORERS @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	240.00
	1" COPPER TUBING	52	PRICE PER FOOT	7.10	369.20
	1/4" PULLING CABLE	1	STEEL CABLE	95.00	95.00

RECEIVED  
APR 16 2012

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

Total:	\$2,624.20
Payments/Credits:	\$0.00
Balance Due:	\$2,624.20

3004805

134923

454054

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & WATER

**815-790-0175**

**INVOICE**

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

Invoice #
3254
Date
7/21/2012

centralsewerseptic.jason@yahoo.com

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
113386	Net 30

DOS	Item	Qt	Description	Rate	Amount
7/20/2012			RE: TWIN LAKES WATER 2131 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE REMOVE AND REPLACE APPROX 7 FEET OF POLY WATER SERVICE WITH COPPER BACKFILL AND GRADE		
	BACKHOE	5	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	600.00
	(2) LABORERS	5	(2) LABORERS @ \$120.00 PER HOUR	120.00	600.00
	SERVICE TRUCK	5	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	150.00
	1" COPPER TUBING	7	PRICE PER FOOT	7.10	49.70
	1" COUPLING	1	COMPRESSION	29.87	29.87

APR 03 2012

**THANK YOU FOR YOUR BUSINESS.**

<b>Total:</b>	<b>\$1,429.57</b>
<b>Payments/Credits:</b>	<b>\$0.00</b>
<b>Balance Due:</b>	<b>\$1,429.57</b>

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

3004805

134901

454037

**INVOICE**

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

**CENTRAL  
SEWER & WATER  
815-790-0175**

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Invoice #
3260
Date
7/26/2012

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
113471	Net 30

DOS	Item	Qt	Description	Rate	Amount
7/26/2012			RE: TWIN LAKES WATER 2074 HIDDEN VALLEY DR		
			EXCAVATE BROKEN B-BOX REMOVE AND REPLACE BROKEN B-BOX TEST CURB STOP BACKFILL AND GRADE		
	BACKHOE	3	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	360.00
	(1) LABORER	3	(1) LABORER @ \$60.00 PER HOUR	60.00	180.00
	SERVICE TRUCK	3	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	90.00
	B-BOX W/ BUSHING	1	SUPPLIED BY UIWATER, INC	0.00	0.00

7/26/2012

**THANK YOU FOR YOUR BUSINESS.**

<b>Total:</b>	\$630.00
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$630.00

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

3004805

135954  
458290

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & WATER

**815-790-0175**

**INVOICE**

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Invoice #	3274
Date	8/15/2012

Bill To:
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
114988	Net 30

POS	Item	Qt	Description	Rate	Amount
8/10/2012			RE: TWIN LAKES WATER 2113 HIDDEN VALLEY  * EMERGENCY REPAIR - WATER SERVICE BROKEN UNDER ROAD *  EXCAVATE WATER SERVICE AT MAIN AND AT B-BOX PULL NEW 1" COPPER UNDER ROAD RECONNECT TO WATER MAIN AND TO B-BOX MANIFOLD BACKFILL AND GRADE		
	BACKHOE	8	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	960.00
	(2) LABORERS	8	(2) LABORERS @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	240.00
	1" COPPER TUBING	52	PRICE PER FOOT	7.10	369.20

8/15/2012

**THANK YOU FOR YOUR BUSINESS.**

<b>Total:</b>	\$2,529.20
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,529.20

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

Batch 140871

Doc 473573

**INVOICE**

3004805

OWNER/OPERATOR: JASON SMITH  
 OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
 WATSEKA, IL 60970

Phone # 815-790-0175  
 Fax # 888-515-2297

**CENTRAL  
 SEWER & WATER  
 815-790-0175**

centralsewerseptic.jason@yahoo.com

Invoice #
3320
Date
10/11/2012

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
119146	Net 30

DOS	Item	Qt	Description	Rate	Amount
10/2/2012			RE: TWIN LAKES WATER 2001 HIDDEN VALLEY		
			EXCAVATE BROKEN B-BOX REMOVE AND REPLACE B-BOX TEST CURBSTOP BACKFILL AND GRADE		
	BACKHOE	3	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	360.00
	(1) LABORER	3	(1) LABORER @ \$60.00 PER HOUR	60.00	180.00
	SERVICE TRUCK	3	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	90.00

RECORDED  
 OCT 22 2012

THANK YOU FOR YOUR BUSINESS.

<b>Total:</b>	\$630.00
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$630.00

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.



3004805

Batch 140007

Doc 479542

**INVOICE**

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

**CENTRAL  
SEWER & WATER  
815-790-0175**

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Invoice #	3323
Date	10/11/2012

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
119149	Net 30

DOS	Item	Qt	Description	Rate	Amount
10/4/2012			RE: TWIN LAKES WATER 2076 HIDDEN VALLEY		
			* EMERGENCY REPAIR - WATER SERVICE BROKEN UNDER ROAD *		
			EXCAVATE WATER SERVICE AT MAIN AND AT B-BOX PULL NEW 1" COPPER WATER SERVICE UNDER ROAD RECONNECT AND MAIN AND AT B-BOX BACKFILL AND GRADE		
	BACKHOE	7	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	840.00
	(2) LABORERS	7	(2) LABORERS @ \$120.00 PER HOUR	120.00	840.00
	SERVICE TRUCK	7	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	210.00
	1" COPPER TUBING	58	PRICE PER FOOT	10.50	609.00
	1/4" PULLING CABLE	1	STEEL CABLE	95.00	95.00

OCT 22 2012

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,594.00
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,594.00

3004805

Batch 141483

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

**CENTRAL**  
**SEWER & WATER**  
**815-790-0175**

Doc 477194 **INVOICE**

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

Invoice #	3338
Date	10/25/2012

centralsewerseptic.jason@yahoo.com

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
119940	Net 30

DOS	Item	Qt	Description	Rate	Amount
10/16/2012			RE: TWIN LAKES 2055 HIDDEN VALLEY  EMERGENCY REPAIR  EXCAVATE BROKEN WATER SERVICE AT MAIN REMOVE AND REPLACE 1" POLY WITH COPPER FROM MAIN TO B-BOX RECONNECT WATER SERVICE BACKFILL AND GRADE		
	BACKHOE	5	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	600.00
	(2) LABORERS	5	(2) LABORERS @ \$120.00 PER HOUR	120.00	600.00
	SERVICE TRUCK	5	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	150.00
	1" COPPER TUBING	13	PRICE PER FOOT	10.50	136.50

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$1,486.50
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$1,486.50

3004805

Batch 143023

Doc 482130

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & WATER

**815-790-0175**

## INVOICE

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Invoice #
3366
Date
11/26/2012

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
122135	Net 30

DOS	Item	Qt	Description	Rate	Amount
11/21/2012			RE: TWIN LAKES WATER CO. 2131 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE AT B-BOX EXCAVATE WATER SERVICE AT MAIN PULL NEW 1" COPPER WATER SERVICE UNDER ROAD RECONNECT WATER SERVICE AT CORP ON MAIN RECONNECT WATER SERVICE TO MANIFOLD AT B-BOX BACKFILL AND GRADE		
	BACKHOE	8	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	960.00
	(2) LABORERS	8	(2) LABORERS @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	240.00
	1" COPPER TUBING	82	PRICE PER FOOT	10.50	861.00
	1/4" PULLING CABLE	1	STEEL CABLE	95.00	95.00

RECEIVED  
DEC 03 2012

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$3,116.00
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$3,116.00

3004805

148847  
499169

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

# CENTRAL SEWER & WATER

**815-790-0175**

## INVOICE

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

<b>Invoice #</b>
3439
<b>Date</b>
2/13/2013

**Bill To**  
Utilities, Inc.  
Attention: Accounts Payable  
2335 Sanders Road  
Northbrook, IL 60062

<b>Business Unit Ref #</b>	<b>Company/Location</b>
150100	TWIN LAKES WATER
<b>P.O. Number</b>	<b>Terms</b>
127189	Net Due

DOS	Item	Qt	Description	Rate	Amount
2/4/2013			RE: TWIN LAKES WATER 2112 HIDDEN VALLEY		
			* EMERGENCY REPAIR - WATER SERVICE BROKEN UNDER ROAD *		
			EXCAVATE WATER SERVICE AT MAIN AND AT B-BOX PULL NEW COPPER WATER SERVICE UNDER ROAD RECONNECT TO EXISTING MAIN AND MANIFOLD BACKFILL AND GRADE		
	BACKHOE	7	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	840.00
	SERVICE TRUCK	7	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	210.00
	(2) LABORERS	7	(2) LABORERS @ \$120.00 PER HOUR	120.00	840.00
	1" COPPER TUBING	57	PRICE PER FOOT	10.50	598.50
	1/4" PULLING CABLE	1	STEEL CABLE	95.00	95.00

RECEIVED  
FEB 18 2013

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,583.50
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,583.50

3004805

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

Batch 175829

**INVOICE**

Doc 585213

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297

Invoice #
3709
Date
2/24/2014

centralsewerseptic.jason@yahoo.com

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES UTILIT...
P.O. Number	Terms
153717	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
2/16/2014			RE: TWIN LAKES UTILITIES 2064 & 2065 HIDDEN VALLEY DR		
	BACKHOE	11.5	THAW FROZEN WATER SERVICE UNDER ROAD - OCCURRED ON (2) SEPARATE OCCASIONS (INVOICE IS FOR BOTH)	120.00	1,380.00
	(3) LABORERS	11.5	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	180.00	2,070.00
	SERVICE TRUCK	11.5	(3) LABORERS @ \$180.00 PER HOUR SERVICE TRUCK @ \$30.00 PER HOUR	30.00	345.00

RECEIVED  
MAR 03 2014

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$3,795.00
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$3,795.00

Batch

618119

# INVOICE

# CENTRAL



**SEWER & WATER, INC.**  
815-790-0175

Invoice #	Date
3817	7/30/2014

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297  
centralsewerseptic.jason@yahoo.com

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TLU
P.O. Number	Terms
165107	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
7/28/2014			RE: TWIN LAKES WATER 1992 & 1993 HIDDEN VALLEY		
			EXCAVATE WATER SERVICE AT B-BOX REMOVE AND REPLACE WATER SERVICE FROM MAIN TO B-BOX INSTALL (2) NEW 3/4" CURBSTOPS AND B-BOXES		
	1" COPPER TUBING	18	PRICE PER FOOT	10.50	189.00
	3/4" CURB STOP	2	COMPRESSION	95.16	190.32
	B-BOX W/ BUSHING	2		66.00	132.00
	3/4" MALE ADAPTER	2		10.00	20.00
	3/4" COPPER TUBING	4	PRICE PER FOOT	8.50	34.00
	(2) LABORERS	8	(2) LABORERS @ \$120.00 PER HOUR	120.00	960.00
	BACKHOE	8	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	240.00

RECEIVED  
JUL 31 2014

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,725.32
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,725.32

# INVOICE

# CENTRAL



**SEWER & WATER, INC.**  
815-790-0175

Invoice #	Date
3898	11/11/2014

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297  
centralsewerseptic.jason@yahoo.com

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
173144	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
10/1/2014			RE: TWIN LAKES 2125 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE		
			REMOVE AND REPLACE 5' OF WATER SERVICE		
			RECONNECT WATER SERVICE		
			BACKFILL AND GRADE		
	BACKHOE	7	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	840.00
	(2) LABORERS	7	(2) LABORERS @ \$120.00 PER HOUR	120.00	840.00
	SERVICE TRUCK	7	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	210.00
	1" CURB STOP	1		139.02	139.02
	1" COPPER TUBING	5	PRICE PER FOOT	10.50	52.50
	1" COUPLING	1	COMPRESSION	29.87	29.87
	DUMP FEE		SPOILS REMOVED	100.00	100.00

*No call in los*

**RECEIVED**  
NOV 13 2014

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,211.39
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,211.39

Batch

Doc 647500

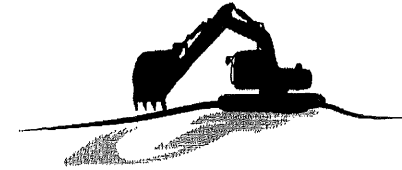
# INVOICE

Invoice #	Date
3916	11/25/2014

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297  
centralsewerseptic.jason@yahoo.com



**CENTRAL**  
**SEWER & WATER, INC.**  
**815-790-0175**

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
174173	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
11/13/2014			RE: TWIN LAKES 2098 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE AT MAIN AND AT B-BOX PULL NEW WATER SERVICE UNDER ROAD RECONNECT AT MAIN INSTALL NEW CURBSTOP AND B-BOX BACKFILL AND GRADE		
	BACKHOE	10	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	1,200.00
	(2) LABORERS	10	(2) LABORERS @ \$120.00 PER HOUR	120.00	1,200.00
	SERVICE TRUCK	10	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	300.00
	1" COPPER TUBING	56	PRICE PER FOOT	10.50	588.00
	1" CURB STOP	1		139.02	139.02
	B-BOX W/ BUSHING	1		66.00	66.00
	1" COUPLING	1	COMPRESSION	29.87	29.87
	1/4" PULLING CABLE	1	STEEL CABLE	95.00	95.00

*NO CALL IN  
for leak*

**RECEIVED**  
**DEC 03 2014**

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$3,617.89
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$3,617.89



# INVOICE

Invoice #	Date
4039	5/28/2015

OWNER/OPERATOR: JASON SMITH  
 OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
 WATSEKA, IL 60970

Phone # 815-790-0175  
 Fax # 888-515-2297  
 centralsewerseptic.jason@yahoo.com

# CENTRAL



**SEWER & WATER, INC.**  
 815-790-0175

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TLU - WATER
P.O. Number	Terms
187530	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
5/15/2015			RE: TLU - WATER 1990 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE REPLACE WATER SERVICE FROM MAIN TO B-BOXES INSTALL NEW CURB STOPS AND B-BOXES BACKFILL AND GRADE		
	BACKHOE	7	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	840.00
	(2) LABORERS	7	(2) LABORERS @ \$120.00 PER HOUR	120.00	840.00
	SERVICE TRUCK	7	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	210.00
	B-BOX W/ BUSHING	2		66.00	132.00
	3/4" CURB STOP	2	COMPRESSION	95.16	190.32
	1" COPPER TUBING	18	PRICE PER FOOT	10.50	189.00

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,401.32
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,401.32

Batch 214396

Doc 702824

**CENTRAL**



**SEWER & WATER, INC.**  
815-790-0175

# INVOICE

Invoice #	Date
4069	7/21/2015

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175

Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
191873	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
7/9/2015			RE: TWIN LAKES 2079 AND 2080 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE AT MAIN AND AT B-BOXES PULL NEW COPPER WATER SERVICE UNDER ROAD RECONNECT TO MAIN INSTALL NEW CURB STOPS AND B-BOXES BACKFILL AND GRADE INSTALL EROSION CONTROL		
	BACKHOE	9	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	1,080.00
	(3) LABORERS	9	(3) LABORERS @ \$180.00 PER HOUR	180.00	1,620.00
	SERVICE TRUCK	9	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	270.00
	1" COPPER TUBING	55	PRICE PER FOOT	10.50	577.50
	3/4" CURB STOP	2	COMPRESSION	95.16	190.32
	3/4" MALE ADAPTER	2		10.00	20.00
	B-BOX W/ BUSHING	2		66.00	132.00
	DUMP FEE	2	SPOILS REMOVED	100.00	200.00
	HAULING	9	10 YARD TRUCK	50.00	450.00

RECEIVED  
AUG 04 2015

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$4,539.82
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$4,539.82

Batch 214391

Doc 702825

# INVOICE

# CENTRAL



**SEWER & WATER, INC.**  
815-790-0175

Invoice #	Date
4070	7/21/2015

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297  
centralsewerseptic.jason@yahoo.com

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
191872	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
7/10/2015			RE: TWIN LAKES 2125 AND 2126 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE AT MAIN AND AT B-BOX PULL NEW WATER SERVICE UNDER ROAD RECONNECT AT MAIN AND MANIFOLD INSTALL NEW CURB STOPS AND B-BOXES BACKFILL AND GRADE INSTALL EROSION CONTROL		
	EXCAVATOR	12	EXCAVATOR W/ OPERATOR @ \$175.00 PER HOUR	175.00	2,100.00
	(3) LABORERS	12	(3) LABORERS @ \$180.00 PER HOUR	180.00	2,160.00
	SERVICE TRUCK	12	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	360.00
	1" COPPER TUBING	130	PRICE PER FOOT	10.50	1,365.00
	3/4" CURB STOP	2	COMPRESSION	95.16	190.32
	3/4" MALE ADAPTER	2		10.00	20.00
	B-BOX W/ BUSHING	2		66.00	132.00
	STONE PER 6-WHLR	1		325.00	325.00
	DUMP FEE	2	SPOILS REMOVED	100.00	200.00

*SEE 4081*

RECEIVED  
AUG 04 2015

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

Total:	\$6,852.32
Payments/Credits:	\$0.00
Balance Due:	\$6,852.32

Batch 214706

Doc 703862

# INVOICE

Invoice #	Date
4077	8/3/2015

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175

Fax # 888-515-2297

centralsewerseptic.jason@yahoo.com

# CENTRAL



**SEWER & WATER, INC.**  
815-790-0175

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
193147	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
7/20/2015			RE: TWIN LAKES WATER 2130 HIDDEN VALLEY		
			EXCAVATE WATER SERVICE AT MAIN AND AT MANIFOLD PULL NEW SERVICE UNDER ROAD RECONNECT WATER SERVICE AT MAIN AND AT MANIFOLD INSTALL NEW CURB STOPS AND B-BOXES BACKFILL AND GRADE		
	BACKHOE	11	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	1,320.00
	(3) LABORERS	11	(3) LABORERS @ \$180.00 PER HOUR	180.00	1,980.00
	SERVICE TRUCK	11	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	330.00
	1" COPPER TUBING	52	PRICE PER FOOT	10.50	546.00
	3/4" CURB STOP	2	COMPRESSION	95.16	190.32
	B-BOX W/ BUSHING	2		66.00	132.00
	3/4" MALE ADAPTER	2		10.00	20.00
	DUMP FEE	1	SPOILS REMOVED	200.00	200.00

RECEIVED  
AUG 05 2015

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

Total:	\$4,718.32
Payments/Credits:	\$0.00
Balance Due:	\$4,718.32

3004805

# INVOICE

Invoice #	Date
4081	8/3/2015

OWNER/OPERATOR: JASON SMITH  
 OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
 WATSEKA, IL 60970

Phone # 815-790-0175  
 Fax # 888-515-2297  
 centralsewerseptic.jason@yahoo.com

# CENTRAL



**SEWER & WATER, INC.**  
 815-790-0175

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
193142	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
7/27/2015			RE: TWIN LAKES WATER 2125 & 2126 HIDDEN VALLEY DRIVE		
			EXCAVATE BROKEN WATER SERVICE REPLACE 5FT OF 1" WATER SERVICE INSTALL NEW CURB STOPS AND B-BOXES BACKFILL AND GRADE		
	BACKHOE	5.0	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	600.00
	(3) LABORERS	5.5	(3) LABORERS @ \$180.00 PER HOUR	180.00	990.00
	SERVICE TRUCK	5.5	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	165.00
	1" COPPER TUBING	5.0	PRICE PER FOOT	10.50	52.50
	3/4" CURB STOP	2.0	COMPRESSION	95.16	190.32
	B-BOX W/ BUSHING	2.0		66.00	132.00
	3/4" MALE ADAPTER	2.0		10.00	20.00

RECEIVED  
 AUG 05 2015

*See 4070*

**THANK YOU FOR YOUR BUSINESS.**

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,149.82
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,149.82

Batch 210526

Doc 708976

**CENTRAL**



**SEWER & WATER, INC.**  
815-790-0175

**INVOICE**

Invoice #	Date
4092	8/18/2015

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH  
  
2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297  
centralsewerseptic.jason@yahoo.com

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
194528	Due on receipt

DOB	Item	Qt	Description	Rate	Amount
8/7/2015			RE: TWIN LAKES WATER 4031 & 4032 WALNUT HILL COURT		
			WATER SERVICE BROKEN UNDER ROAD & TAP IN MIDDLE OF CUL-DE-SAC		
			EXCAVATE WATER SERVICE AT CORP ON MAIN EXCAVATE WATER SERVICE AT MANIFOLD PULL NEW WATER SERVICE UNDER ROAD INSTALL NEW CURB STOPS AND B-BOXES BACKFILL AND COMPACT STONE IN ROAD REMOVE SPOILS		
	BACKHOE	11	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	1,320.00
	(3) LABORERS	11	(3) LABORERS @ \$180.00 PER HOUR	180.00	1,980.00
	SERVICE TRUCK	11	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	330.00
	HAULING	11	10 YARD TRUCK	50.00	550.00
	1" COPPER TUBING	60	PRICE PER FOOT	10.50	630.00
	3/4" CURB STOP	2	COMPRESSION	95.16	190.32
	B-BOX W/ BUSHING	2		66.00	132.00
	3/4" MALE ADAPTER	2		10.00	20.00
	STONE PER 6-WHLR	1		325.00	325.00
	DUMP FEE	2	SPOILS REMOVED	100.00	200.00

RECEIVED  
AUG 27 2015

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$5,677.32
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$5,677.32

# INVOICE

Batch \_\_\_\_\_  
Doc 736292

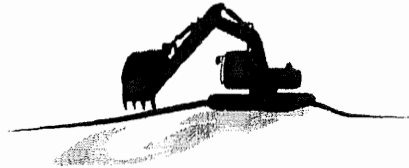
# CENTRAL

Invoice #	Date
4149	12/20/2015

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297  
centralsewerseptic.jason@yahoo.com



**SEWER & WATER, INC.**  
815-790-0175

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	Twin Lakes
P.O. Number	Terms
203700 OP 00150	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
12/7/2015			RE: TWIN LAKES 2046 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE AT MAIN AND AT MANIFOLD PULL NEW WATER SERVICE UNDER ROAD INSTALL NEW CURBSTOPS AND B-BOXES REMOVE SPOILS BACKFILL AND GRADE		
	EXCAVATOR	10	EXCAVATOR W/ OPERATOR @ \$175.00 PER HOUR	175.00	1,750.00
	(3) LABORERS	10	(3) LABORERS @ \$180.00 PER HOUR	180.00	1,800.00
	SERVICE TRUCK	10	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	300.00
	1" COPPER TUBING	55	PRICE PER FOOT	10.50	577.50
	3/4" CURB STOP	2	COMPRESSION	135.00	270.00
	3/4" MALE ADAPTER	2		10.00	20.00
	B-BOX W/ BUSHING	2		66.00	132.00
	DIRECTIONAL BORING	1	AUGER UNDER ROAD	1,500.00	1,500.00
	DUMP FEE	1	SPOILS REMOVED	100.00	100.00

RECEIVED  
DEC 22 2015

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$6,449.50
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$6,449.50

Hidden Valley - Message (HTML)

Message

Ignore, Delete, Reply, Forward, More, Meeting, 50 Anniversary L., To Manager, Rules, Onetime, Auto, Categories, Translate, Find, Related, Zoom

Print, Delete, Reply, Forward, More, Meeting, 50 Anniversary L., To Manager, Rules, Onetime, Auto, Categories, Translate, Find, Related, Zoom







1 You replied to this message on 12/9/2015 12:42 PM. Sent: Wed 12/9/2015 12:33 PM

From: Loren Grosvener <LGrosvener@hiddenvalley.com>  
To: Rick Cleveland (my Gtalk.org) 'Craig Pitts' Non-Exch-1  
Cc: Charles Alexander, Jason Smith  
Subject: Hidden Valley

FW:  
We are replacing the water service line today at 2078 , 2077, 2047, 2046 hidden valley.

Loren Grosvener  
Lead Operator  
Utilities, Inc.  
9201 E. 123<sup>rd</sup> Ave.  
Crown Point, IN 46037  
C. 815-509-0317  
P. 215-988-3718  
F. 215-988-3789

Click on a photo to see social network updates and email messages from this person.

 Loren Grosvener  
 Rick Cleveland  
 Craig Philip  
 Ron Bedivell  
 Charles Alexander  
 Jason Smith

13:33 PM  
4/28/2016



# INVOICE

Batch \_\_\_\_\_  
Doc 736297

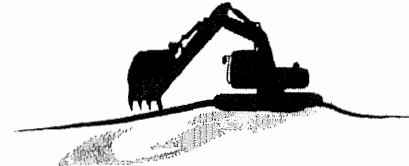
# CENTRAL

Invoice #	Date
4158	12/20/2015

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

Phone # 815-790-0175  
Fax # 888-515-2297  
centralsewerseptic.jason@yahoo.com



**SEWER & WATER, INC.**  
815-790-0175

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
203695 OP 00150	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
12/18/2015			RE: TWIN LAKES 2139 AND 2142 HIDDEN VALLEY		
			EXCAVATE BROKEN WATER SERVICE AT MAIN AND AT MANIFOLD PULL NEW SERVICE UNDER ROAD INSTALL NEW CURBSTOPS AND B-BOXES BACKFILL AND GRADE REMOVE SPOILS		
	BACKHOE	10	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	1,200.00
	(3) LABORERS	10	(3) LABORERS @ \$180.00 PER HOUR	180.00	1,800.00
	SERVICE TRUCK	10	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	300.00
	HAULING	8	10 YARD TRUCK	50.00	400.00
	1" COPPER TUBING	58	PRICE PER FOOT	10.50	609.00
	3/4" CURB STOP	2	COMPRESSION	95.16	190.32
	3/4" MALE ADAPTER	2		36.00	72.00
	DIRECTIONAL BORING	1		1,500.00	1,500.00
	B-BOX W/ BUSHING	2		66.00	132.00
	DUMP FEE	2	SPOILS REMOVED	100.00	200.00

RECEIVED  
DEC 22 2015

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$6,403.32
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$6,403.32

2139 Hidden Valley - Message (HTML)

Message

Ignore X Delete Reply Forward Move 50th Anniversary L To Manager Rules Onetate Print Find  
Print: Delete Reply Forward Move Reply & Delete Create New Above Below Unread Translate Related Zoom  
Delete Respond Quick Start Attachments To: Editings Zoom

ⓘ You forwarded this message on 12/18/2015 8:40 AM. Sent: Fri 12/18/2015 8:21 AM









From: Loren Grosvener <LGrosvener@univest.com>  
To: Rick Cleveland; Ron Bedwell; Craig Philip; Ed Spanopoulos; Charles Alexander; David Simmons; Dillon James  
Cc:  
Subject: 2139 Hidden Valley

FYI,  
We are replacing the water service line here today.

Thanks,

Loren Grosvener  
Lead Operator  
Utilities, Inc.  
9201 E. 123rd Ave.  
Crown Point, IN 46307  
C. 219-988-0317  
P. 219-988-3016  
F. 219-988-3789

Click on a photo to see social network updates and email messages from this person.

							
Loren Grosvener	Rick Cleveland	Ron Bedwell	Craig Philip	Ed Spanopoulos	Charles Alexander	David Simmons	Dillon James

13:32 PM 12/18/2015

3004805

**Central Sewer & Septic**  
P.O. Box 878  
McHenry, IL 60051

# CENTRAL SEWER & SEPTIC

**815-790-0175**

## Invoice

Date	Invoice #
4/15/2010	2619
Business Unit Ref. #	
150100	

Bill To
Utilities, Inc. Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Batch 80678

Doc 254275

P.O. No.	Terms
57920	Net 30

Service Date	Item	Quantity	Description	Rate	Amount
3/31/2010			RE: TWIN LAKES UTILITIES 3353 AND 3354 WALL HAVEN CT  VERY BAD GROUND WATER MADE POOR DIGGING CONDITIONS  SAW CUT AND REMOVE ASPHALT IN STREET EXCAVATE WATER SERVICES AT MAIN AND B-BOXES DIRECTIONAL BORE UNDER ROAD PULL 2 NEW COPPER WATER SERVICES INSTALL NEW CURBSTOPS AND B-BOXES RECONNECT WATER SERVICES AT MAIN BACKFILL AND COMPACT WITH STONE INSTALL COPPER FROM B-BOX TO HOUSE AT 3353 REMOVE DEBRIS		
	BACKHOE	17	BACKHOE WITH OPERATOR	120.00	2,040.00
	(2) LABORERS	17	2 LABORERS	120.00	2,040.00
	SERVICE TRUCK	17	1 SERVICE TRUCK	30.00	510.00
	DIRECTIONAL BORING	1	AUGER UNDER ROAD	1,900.00	1,900.00
	1" COPPER TUBING	250	PRICE PER FT	6.10	1,525.00
	1" CURBSTOP	2	COMPRESSION	125.00	250.00
	1" COMP FEMALE AD...	1	COMPRESSION	41.19	41.19
	1" BALL VALVE	1	BRASS	12.51	12.51
	STONE PER 6 WHEE...	3	3/4" STONE	300.00	900.00
	DUMP FEE	5	LOADS OF SPOILS REMOVED	100.00	500.00
	DUMP FEE	1	LOAD OF ASPHALT REMOVED	100.00	100.00

APR 26 2010

RECEIVED

APR 26 2010

BY: \_\_\_\_\_

300 4805

# INVOICE

Batch 182706

# CENTRAL

Invoice #	Date
3770	5/27/2014

Doc 605074

OWNER/OPERATOR: JASON SMITH  
OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
WATSEKA, IL 60970

RECEIVED  
JUN 03 2014



**SEWER & WATER, INC.**  
815-790-0175

Phone # 815-790-0175  
Fax # 888-515-2297  
centralsewerseptic.jason@yahoo.com

Bill To
Twin Lakes Utilities, Inc BUR#: 150100//150101 Attention: Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES
P.O. Number	Terms
160608	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
5/19/2014			RE: TWIN LAKES 3355 WALL HAVEN  EMERGENCY CALL  EXCAVATE BROKEN WATER SERVICE REMOVE AND REPLACE 5' OF WATER SERVICE RECONNECT WATER SERVICE BACKFILL AND GRADE REMOVE SPOILS INSTALL EROSION BLANKET OVER EXCAVATED AREA		
	EXCAVATOR	8	EXCAVATOR W/ OPERATOR @ \$175.00 PER HOUR	175.00	1,400.00
	(2) LABORERS	8	(2) LABORERS @ \$120.00 PER HOUR	120.00	960.00
	SERVICE TRUCK	8	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	240.00
	1" CURB STOP	1		139.02	139.02
	1" COUPLING	1	COMPRESSION	29.87	29.87
	1" COPPER TUBING	1	PRICE PER FOOT	10.50	10.50
	DUMP FEE	1	SPOILS REMOVED	100.00	100.00

THANK YOU FOR YOUR BUSINESS.

Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$2,879.39
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$2,879.39

3004805

Batch 238929

Doc 776760

**INVOICE**

Invoice #	Date
4240	5/11/2016

OWNER/OPERATOR: JASON SMITH  
 OFFICE MANAGER: NICOLE SMITH

2327 N. STATE ROUTE 1  
 WATSEKA, IL 60970

Phone # 815-790-0175  
 Fax # 888-515-2297  
 centralsewerseptic.jason@yahoo.com

**CENTRAL**



**SEWER & WATER, INC.**  
 815-790-0175

**Bill To**  
 Twin Lakes Utilities, Inc  
 BUR#: 150100//150101  
 Attention: Accounts Payable  
 2335 Sanders Road  
 Northbrook, IL 60062

Business Unit Ref #	Company/Location
150100	TWIN LAKES WATER
P.O. Number	Terms
214474	Due on receipt

DOS	Item	Qt	Description	Rate	Amount
4/20/2016			RE: TWIN LAKES WATER 3359 & 3360 WALLHAVEN		
			EXCAVATE BROKEN WATER SERVICE REMOVE AND REPLACE WATER SERVICE FROM MAIN TO MANIFOLD INSTALL NEW CURB STOPS AND B-BOXES BACKFILL AND GRADE REMOVE SPOILS INSTALL EROSION BLANKET		
	BACKHOE	8	BACKHOE WITH/ OPERATOR @ \$120.00 PER HOUR	120.00	960.00
	(3) LABORERS	8	(3) LABORERS @ \$180.00 PER HOUR	180.00	1,440.00
	SERVICE TRUCK	8	SERVICE TRUCK @ \$30.00 PER HOUR	30.00	240.00
	1" COPPER TUBING	19	PRICE PER FOOT	10.50	199.50
	3/4" CURB STOP	2	COMPRESSION	95.16	190.32
	B-BOX W/ BUSHING	2		66.00	132.00
	DUMP FEE	1	SPOILS REMOVED	100.00	100.00
	SEED BLANKET	1	PRICE PER ROLL	31.00	31.00

THANK YOU FOR YOUR BUSINESS.

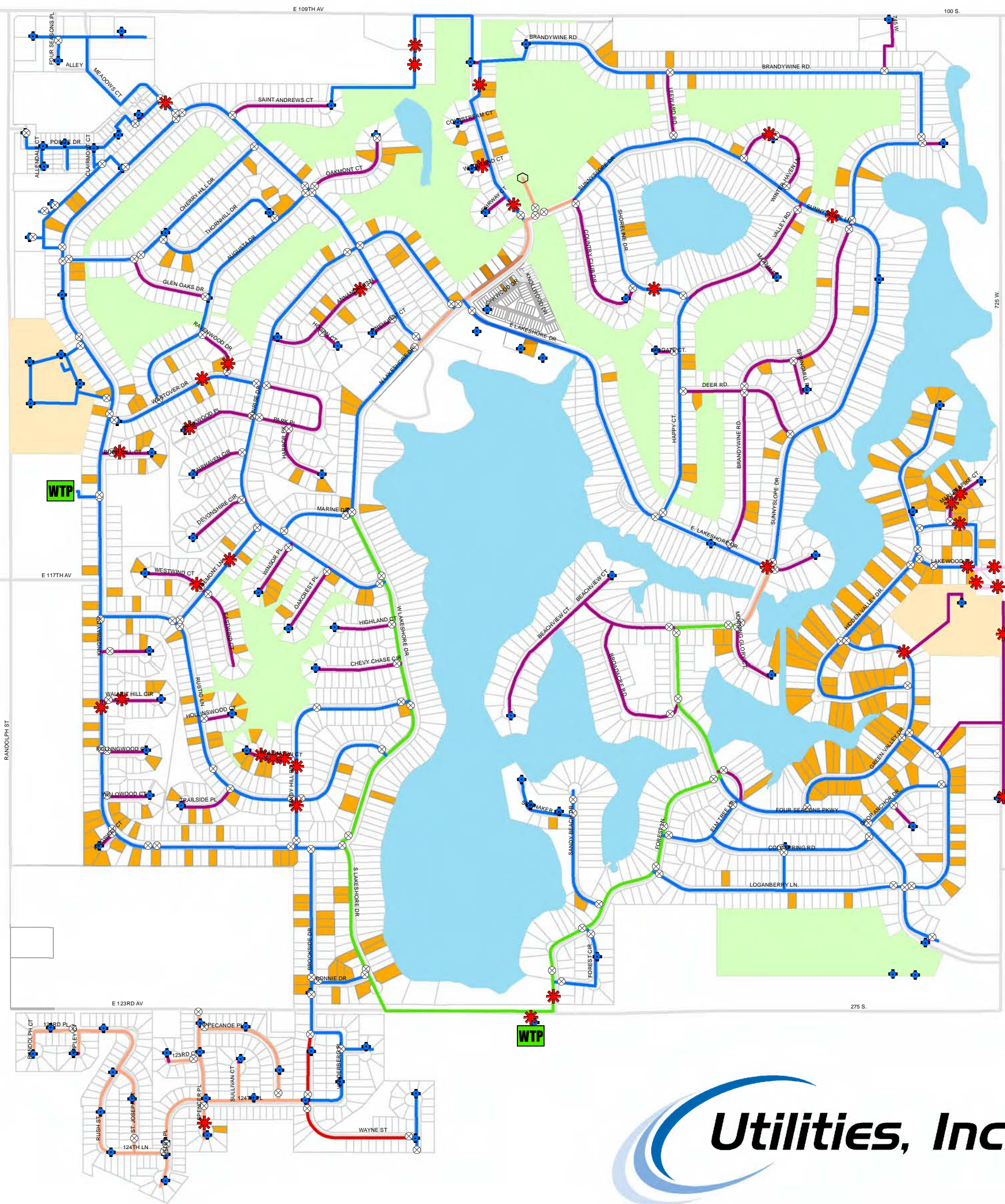
Please contact us with any questions, concerns or comments you may have @ 815-790-0175 or by email @ centralsewerseptic.jason@yahoo.com.

<b>Total:</b>	\$3,292.82
<b>Payments/Credits:</b>	\$0.00
<b>Balance Due:</b>	\$3,292.82

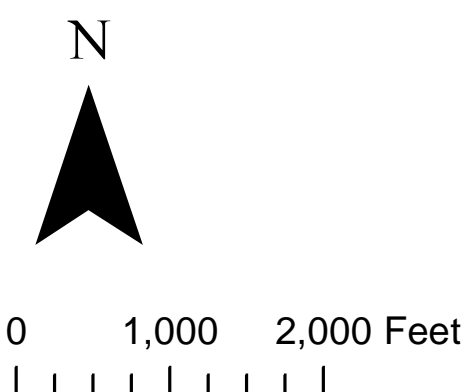


# Community Utilities of Indiana, Inc.

## Twin Lakes Water System Watermain and Service Line Breaks 5/3/2021



Legend	
	WTP
	Valve
	Tower
	Hydrant
	Watermain Breaks
	Watermain 2"
	Watermain 4"
	Watermain 6"
	Watermain 8"
	Watermain 10"
	Watermain 12"
	Municipal Features Park
	Municipal Features School
	Municipal Features Lake
	Municipal Features Streets
	Municipal Features Service Line Breaks



Utilities Inc

2022 Water Main Replacement Projects

Project	Estimate Cost	
1 IWS Merrillville	\$ 608,700.00	0
2 Twin Lakes - Wallhaven	\$ 185,500.00	0
3 Twin Lakes - Hidden Valley WSs	\$ 191,500.00	0
<b>TOTAL</b>	<b>\$ 985,700.00</b>	

Project	Estimate Cost	
1 IWS Merrillville - Alt Route / Design	\$ 649,400.00	0
2 Twin Lakes - Wallhaven	\$ 185,500.00	0
3 Twin Lakes - Hidden Valley WSs	\$ 191,500.00	0
<b>TOTAL</b>	<b>\$ 1,026,400.00</b>	

\$ 40,700.00



**INDIANA WATER SERVICE, INC. - MERRILLVILLE  
WHITCOMB ALLEY & 80TH ALLEY WATER MAIN REPLACEMENT  
PRELIMINARY CONSTRUCTION ESTIMATE (05/20/21)**

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Demobilization, Bond and Startup	1	LS		\$ 33,000.00
2	Construction Engineering	1	LS		\$ 11,000.00
3	Temporary Erosion Control	1	LS		\$ 5,000.00
4	Traffic Control	1	LS		\$ 11,000.00
5	Asphalt Pavement Repair, Standard Duty	175	SYD	\$ 140.00	\$ 24,500.00
6	Concrete Curb and Gutter Repair	100	LF	\$ 70.00	\$ 7,000.00
7	Aggregate Base, 8-inch	175	SYD	\$ 35.00	\$ 6,200.00
8	Final Grading, Seeding and Mulching	1	LS		\$ 20,000.00
9	6" Water Main	2140	LF	\$ 130.00	\$ 278,200.00
10	Utility Allowance	1	AL	\$ 10,000.00	\$ 10,000.00
11	6" Gate Valve with Valve Box	6	EA	\$ 2,500.00	\$ 15,000.00
12	Two Way 2-1/8" Hydrant with Auxiliary 6" Gate Valve and Box	4	EA	\$ 7,000.00	\$ 28,000.00
13	Connection to Existing Water Mains	6	EA	\$ 7,500.00	\$ 45,000.00
14	Abandonment of Water Mains in Place	1	LS		\$ 5,000.00
15	Service Tap and Corporation Stop	36	EA	\$ 1,200.00	\$ 43,200.00
16	1" Water Service	720	LF	\$ 35.00	\$ 25,200.00
17	Connection to Existing Water Service	36	EA	\$ 650.00	\$ 23,400.00
18	Curb Stop and Box	36	EA	\$ 500.00	\$ 18,000.00
<b>TOTAL</b>				<b>\$</b>	<b>608,700.00</b>



**INDIANA WATER SERVICE, INC. - MERRILLVILLE  
WHITCOMB ALLEY & 80TH ALLEY WATER MAIN REPLACEMENT (ALT ROUTE)  
PRELIMINARY CONSTRUCTION ESTIMATE (07/07/21)**

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Demobilization, Bond and Startup	1	LS		\$ 35,000.00
2	Construction Engineering	1	LS		\$ 12,000.00
3	Temporary Erosion Control	1	LS		\$ 6,000.00
4	Traffic Control	1	LS		\$ 12,000.00
5	Asphalt Pavement Repair, Standard Duty	1760	SYD	\$ 55.00	\$ 96,800.00
6	Concrete Curb and Gutter Repair	200	LF	\$ 70.00	\$ 14,000.00
7	Concrete Sidewalk Repair	27	SYD	\$ 85.00	\$ 2,300.00
8	Sidewalk ADA Ramp Repair	20	SYD	\$ 200.00	\$ 4,000.00
9	Aggregate Base, 8-inch	1760	SYD	\$ 35.00	\$ 61,600.00
10	Final Grading, Seeding and Mulching	1	LS		\$ 30,000.00
11	6" Water Main (Open-Cut)	2140	LF	\$ 65.00	\$ 139,100.00
12	Utility Allowance	1	AL	\$ 10,000.00	\$ 10,000.00
13	6" Gate Valve with Valve Box	6	EA	\$ 2,500.00	\$ 15,000.00
14	Two Way 2-1/8" Hydrant with Auxiliary 6" Gate Valve and Box	4	EA	\$ 7,000.00	\$ 28,000.00
15	Connection to Existing Water Mains	6	EA	\$ 7,500.00	\$ 45,000.00
16	Abandonment of Water Mains in Place	1	LS		\$ 5,000.00
17	Service Tap and Corporation Stop	36	EA	\$ 1,200.00	\$ 43,200.00
18	1" Water Service	1400	LF	\$ 35.00	\$ 49,000.00
19	Connection to Existing Water Service	36	EA	\$ 650.00	\$ 23,400.00
20	Curb Stop and Box	36	EA	\$ 500.00	\$ 18,000.00
<b>TOTAL</b>				<b>\$</b>	<b>649,400.00</b>

**TWIN LAKES  
WALLHAVEN COURT WATER MAIN REPLACEMENT  
PRELIMINARY CONSTRUCTION ESTIMATE (05/20/21)**

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Demobilization, Bond and Startup	1	LS		\$ 10,000.00
2	Construction Engineering	1	LS		\$ 3,000.00
3	Temporary Erosion Control	1	LS		\$ 2,000.00
4	Traffic Control	1	LS		\$ 3,000.00
5	Asphalt Pavement Repair, Standard Duty	80	SYD	\$ 140.00	\$ 11,200.00
6	Concrete Curb and Gutter Repair	20	LF	\$ 70.00	\$ 1,400.00
7	Aggregate Base, 8-inch	80	SYD	\$ 35.00	\$ 2,800.00
8	Final Grading, Seeding and Mulching	1	LS		\$ 7,500.00
9	6" Water Main	500	LF	\$ 130.00	\$ 65,000.00
10	Utility Allowance	1	AL	\$ 10,000.00	\$ 10,000.00
11	6" Gate Valve with Valve Box	2	EA	\$ 2,500.00	\$ 5,000.00
12	Two Way 2-1/8" Hydrant with Auxiliary 6" Gate Valve and Box	1	EA	\$ 7,000.00	\$ 7,000.00
13	Connection to Existing Water Mains	1	EA	\$ 7,500.00	\$ 7,500.00
14	Abandonment of Water Mains in Place	1	LS		\$ 2,500.00
15	Service Tap and Corporation Stop	14	EA	\$ 1,200.00	\$ 16,800.00
16	1" Water Service	420	LF	\$ 35.00	\$ 14,700.00
17	Connection to Existing Water Service	14	EA	\$ 650.00	\$ 9,100.00
18	Curb Stop and Box	14	EA	\$ 500.00	\$ 7,000.00
<b>TOTAL</b>				<b>\$</b>	<b>185,500.00</b>

\*It was assumed that the water main would be able to be installed outside of the roadway

**TWIN LAKES  
HIDDEN VALLEY WATER SERVICE REPLACEMENTS  
PRELIMINARY CONSTRUCTION ESTIMATE (05/20/21)**

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Demobilization, Bond and Startup	1	LS		\$ 10,000.00
2	Construction Engineering	1	LS		\$ 3,000.00
3	Temporary Erosion Control	1	LS		\$ 2,000.00
4	Traffic Control	1	LS		\$ 3,000.00
5	Asphalt Pavement Repair, Standard Duty	100	SYD	\$ 140.00	\$ 14,000.00
6	Aggregate Base, 8-inch	100	SYD	\$ 35.00	\$ 3,500.00
7	Final Grading, Seeding and Mulching	1	LS		\$ 20,000.00
8	Service Tap and Corporation Stop	40	EA	\$ 1,200.00	\$ 48,000.00
9	1" Water Service	1200	LF	\$ 35.00	\$ 42,000.00
10	Connection to Existing Water Service	40	EA	\$ 650.00	\$ 26,000.00
11	Curb Stop and Box	40	EA	\$ 500.00	\$ 20,000.00
<b>TOTAL</b>				<b>\$</b>	<b>191,500.00</b>

\*It was assumed that the existing water main is outside of the roadway

## Data Request OUCC DR 3 - 01

Reference Petitioner's Attachment AWD-3, page 4 for project 2021 - IN - TWIN LAKES - WATERMAIN AND SERVICE LINES CP 2021262 and Adjustment - CP 2021262 Invoice 20231215113513.pdf. This project is for 850 lineal feet ("LF") of service line replacements for approximately 30 customers on Hidden Valley Drive in Lakes of the Four Seasons at a total cost of \$360,617.

Please answer and provide the following information:

- a. Addresses of all Hidden Valley Drive customers at Twin Lakes who have had a service line break or leak from the tap on the main to the curb stop on the CUII owned service line in the last ten years. Please also provide the date of each service line break or leak and whether the leak was repaired with a full service line replacement from the main to the curb stop.
- b. Addresses of all customers where the service lines were replaced as part of CP 20211262.
- c. Copies of the construction permit application and design drawings.
- d. Copy of the construction permit.
- e. Copies of all invoices for all work by all contractors including site restoration contractors and material suppliers on the water service line replacements.
- f. Did work include water main replacements as listed in the Project Title or was the work limited only to service lines? Please explain.
- g. Was the work completed as a single project by a single contractor? Please explain.
- h. How were the contractors selected (e.g., open competitive bidding, prequalified contractors, contractor selected by Petitioner without bidding, etc.).
- i. If the work was competitively bid, please provide a copy of the advertisement for bids, copies of all contractor bids, and the bid evaluation by the Engineer or Petitioner's staff.
- j. Description of how the work was completed including whether the service lines were replaced through an open cut excavation or directional drilling method.
- k. Please identify all components of the CUII owned service line that were replaced including but not limited to the tapping saddle, corporation stop, service line, curb stop, and Buffalo box.
- l. Captive charges.

## Objection:

CUII objects to the request on the grounds and to the extent it mischaracterizes the evidence. CUII further objects to the request on the grounds and to the extent the request seeks information that is confidential, proprietary, competitively sensitive, and/or trade secret. Subject to and without waiver of the foregoing objections, CUII provides the following response, with any

confidential information to be provided pursuant to a nondisclosure agreement between the parties.

**Response:**

It appears that the OUCC has misread the first table included on page 4 of Attachment AWD-3 – the total cost for project 2021262 shown at the bottom of page 4 (not the top, which is \$360,617 for project 2023123 as its title denotes) is \$262,512, the same as represented on Attachment AWD-2, page 3 for this project.

- a. Refer to attachment: “OUCC 03.01 Hidden Valley Service Line Replacement Records.xlsx”, tab ‘OUCC 03.01a’.
- b. Refer to attachment: “OUCC 03.01 Hidden Valley Service Line Replacement Records.xlsx”, tab ‘OUCC 03.01b’. CUII replaced service lines that had plastic lines with copper, as the plastic lines have been failing/breaking along the length of Hidden Valley.
- c. Refer to attachment: “OUCC 03.01c IDEM Construction Permit Application.pdf” and “OUCC 03.01c Water Service Replacement Plans.pdf”.
- d. Refer to attachment: OUCC 03.01.d Construction Permit Approved
- e. Please refer to “OUCC 03.01 – 2021262 Invoices.zip”
- f. The scope of Project 2021262 was reduced down to include only “in kind” water service replacements for a rebid package to attract more bidders.
- g. Work was completed by a single contractor. Gatlin Plumbing and Heating, Inc was the apparent low bidder and recommended for award after review of bids.
- h. Bids were received by competitive bidding. Three (3) bids were received.
- i. Please refer to attachment: “OUCC 03.01i - Twin Lakes 2021 Watermain Bid Advertisement.pdf” and “OUCC 03.01i - Bid Recommendation Twin Lakes Water Service Replacement\_CONFIDENTIAL.pdf”
- j. Service lines on the short side where the water main is located on the same side of the street were replaced using open cuts. Those on the long side were replaced by pulling new line in place of the existing line.
- k. Replaced components of service lines included: 1” service tap and corporation stop, 1” plastic service line, curb box and stop.
- l. \$1,499.62 has been charged to project 2021262.

45998DSIC1\_CUII\_OUCC 03.01 Hidden Valley Service Line Replacement Records\_012924 2.xlsx

**Hidden Valley Service Line Breaks/Leaks, Dates of Leaks/Breaks, and Remediation**

<b>Address</b>	<b>Remediation Action Taken</b>	<b>Date of Field Activity for Leak/Break</b>
1990 HIDDEN VALLEY DR	Replaced from main to curb	5/15/2015
1991 HIDDEN VALLEY DR	Replaced from main to curb	11/1/2014
1992 HIDDEN VALLEY DR	Replaced from main to curb	7/28/2014
1997 HIDDEN VALLEY DR	Replaced from main to curb	9/2/2013
1999 HIDDEN VALLEY DR	Replaced from main to curb	9/24/2018
2000 HIDDEN VALLEY DR	Replaced from main to curb	8/1/2022
2001 HIDDEN VALLEY DR	Replaced from main to curb	10/27/2016
2046 HIDDEN VALLEY DR	Replaced from main to curb	7/9/2015
2049 HIDDEN VALLEY DR	Replaced from main to curb	10/20/2011
2050 HIDDEN VALLEY DR	Replaced from main to curb	7/23/2013
2054 HIDDEN VALLEY DR	Replaced from main to curb	10/10/2020
2055 HIDDEN VALLEY DR	Replaced from main to curb	11/24/2012
2060 HIDDEN VALLEY DR	Replaced from main to curb	7/6/2011
2061 HIDDEN VALLEY DR	Replaced from main to curb	4/28/2010
2063 HIDDEN VALLEY DR	Replaced from main to curb	2/26/2014
2064 HIDDEN VALLEY DR	Replaced from main to curb	2/26/2014
2065 HIDDEN VALLEY DR	Replaced from main to curb	10/9/2020
2066 HIDDEN VALLEY DR	Replaced from main to curb	10/9/2020
2069 HIDDEN VALLEY DR	Replaced from main to curb	4/15/2010
2072 HIDDEN VALLEY DR	Replaced from main to curb	11/17/2010
2074 HIDDEN VALLEY DR	Replaced from main to curb	10/20/2009
2075 HIDDEN VALLEY DR	Replaced from main to curb	10/20/2009
2076 HIDDEN VALLEY DR	Replaced from main to curb	10/4/2012
2077 HIDDEN VALLEY DR	Replaced from main to curb	10/4/2012
2079 HIDDEN VALLEY DR	Replaced from main to curb	7/22/2015
2080 HIDDEN VALLEY DR	Replaced from main to curb	7/9/2015
2087 HIDDEN VALLEY DR	Replaced from main to curb	1/19/2012
2091 HIDDEN VALLEY DR	Replaced from main to curb	7/24/2017
2095 HIDDEN VALLEY DR	Replaced from main to curb	3/20/2012
2098 HIDDEN VALLEY DR	Replaced from main to curb	11/13/2014
2099 HIDDEN VALLEY DR	Replaced from main to curb	6/5/2009
2100 HIDDEN VALLEY DR	Replaced from main to curb	6/5/2009
2110 HIDDEN VALLEY DR	Replaced from main to curb	12/5/2008
2111 HIDDEN VALLEY DR	Replaced from main to curb	2/4/2013
2112 HIDDEN VALLEY DR	Replaced from main to curb	2/4/2013
2113 HIDDEN VALLEY DR	Replaced from main to curb	6/25/2020
2114 HIDDEN VALLEY DR	Replaced from main to curb	8/10/2012
2117 HIDDEN VALLEY DR	Replaced from main to curb	12/5/2008
2120 HIDDEN VALLEY DR	Replaced from main to curb	9/15/2010

**Hidden Valley Service Line Breaks/Leaks, Dates of Leaks/Breaks, and Remediation**

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<b>Address</b>	<b>Remediation Action Taken</b>	<b>Date of Field Activity for Leak/Break</b>
2121 HIDDEN VALLEY DR	Replaced from main to curb	9/27/2017
2124 HIDDEN VALLEY DR	Replaced from main to curb	7/10/2015
2125 HIDDEN VALLEY DR	Replaced from main to curb	7/27/2015
2126 HIDDEN VALLEY DR	Replaced from main to curb	7/27/2015
2131 HIDDEN VALLEY DR	Replaced from main to curb	11/21/2012
2132 HIDDEN VALLEY DR	Replaced from main to curb	11/21/2012
2134 HIDDEN VALLEY DR	Replaced from main to curb	4/28/2009
2135 HIDDEN VALLEY DR	Replaced from main to curb	4/9/2013
2136 HIDDEN VALLEY DR	Replaced from main to curb	5/21/2020
2137 HIDDEN VALLEY DR	Replaced from main to curb	10/5/2022
2139 HIDDEN VALLEY DR	Replaced from main to curb	9/20/2013
2140 HIDDEN VALLEY DR	Replaced from main to curb	6/6/2013
2141 HIDDEN VALLEY DR	Replaced from main to curb	6/6/2013
2142 HIDDEN VALLEY DR	Replaced from main to curb	12/18/2015
2143 HIDDEN VALLEY DR	Replaced from main to curb	6/6/2013



**Addresses with replaced service lines through 2021262**

<b>Address</b>	<b>Project</b>
1989 HIDDEN VALLEY DR	CP 2021262
1993 HIDDEN VALLEY DR	CP 2021262
1994 HIDDEN VALLEY DR	CP 2021262
1995 HIDDEN VALLEY DR	CP 2021262
1996 HIDDEN VALLEY DR	CP 2021262
1998 HIDDEN VALLEY DR	CP 2021262
2002 LAKEWOOD PL	CP 2021262
2043 LAKEWOOD PL	CP 2021262
2047 HIDDEN VALLEY DR	CP 2021262
2048 HIDDEN VALLEY DR	CP 2021262
2051 HIDDEN VALLEY DR	CP 2021262
2052 HIDDEN VALLEY DR	CP 2021262
2056 HIDDEN VALLEY DR	CP 2021262
2057 HIDDEN VALLEY DR	CP 2021262
2058 HIDDEN VALLEY DR	CP 2021262
2059 HIDDEN VALLEY DR	CP 2021262
2062 HIDDEN VALLEY DR	CP 2021262
2067 HIDDEN VALLEY DR	CP 2021262
2070 HIDDEN VALLEY DR	CP 2021262
2071 HIDDEN VALLEY DR	CP 2021262
2078 HIDDEN VALLEY DR	CP 2021262
2082 HIDDEN VALLEY DR	CP 2021262
2086 HIDDEN VALLEY DR	CP 2021262
2089 HIDDEN VALLEY DR	CP 2021262
2090 HIDDEN VALLEY DR	CP 2021262
2093 HIDDEN VALLEY DR	CP 2021262
2094 HIDDEN VALLEY DR	CP 2021262
2096 HIDDEN VALLEY DR	CP 2021262
2115 HIDDEN VALLEY DR	CP 2021262
2116 HIDDEN VALLEY DR	CP 2021262
2119 HIDDEN VALLEY DR	CP 2021262
2122 HIDDEN VALLEY DR	CP 2021262
2123 HIDDEN VALLEY DR	CP 2021262
2127 HIDDEN VALLEY DR	CP 2021262
2128 HIDDEN VALLEY DR	CP 2021262
2129 HIDDEN VALLEY DR	CP 2021262
2130 HIDDEN VALLEY DR.	CP 2021262
2133 HIDDEN VALLEY DR	CP 2021262
2144 HIDDEN VALLEY DR	CP 2021262
2146 HIDDEN VALLEY DR	CP 2021262

## Data Request OUCC DR 4 - 03

Reference Petitioner's Attachment AWD-3, pages 3-4 for IN - 2023 - TLUI – Watermain/service line replacements CP 2023123. This project replaced 1,070 linear feet of water main and 930 linear feet of service lines (for approximately 30 services) on Wallhaven Ct. and Walnut Hill Circle at a cost of \$360,616.94. Please answer and provide the following information:

- a. Addresses of all customers where the service lines were replaced as part of CP 2023123.
- b. Copies of the construction permit application, design drawings and specifications.
- c. Copy of the construction permit.
- d. Copies of all invoices for all work by all contractors, including site restoration contractors and material suppliers on the water service line replacements.
- e. Was the work completed as a single project by a single contractor? Please explain.
- f. How were the contractors selected (e.g., open competitive bidding, prequalified contractors, contractor selected by Petitioner without bidding, etc.).
- g. Copy of the advertisement for bids and contractor solicitation.
- h. Copies of the bids and proposals from all contractors.
- i. Description of how the work was completed including whether the service lines were replaced through an open cut excavation or directional drilling method.
- j. Please identify all components of the CUII owned service line that were replaced, including but not limited to the tapping saddle, corporation stop, service line, curb stop, and curb box.
- k. Captive charges.

## Objection:

CUII objects to the request on the grounds and to the extent the request seeks information that is confidential, proprietary, competitively-sensitive, and/or trade secret. Subject to and without waiver of the foregoing objection, CUII provides the following response, with any confidential information to be provided pursuant to a non-disclosure agreement between the parties.

## Response:

- a. Please refer to attachment: "OUCC 04.03a - Service Line Replacement Addresses Project 2023123.xlsx".
- b. Please refer to attachment: "OUCC 04.03.b - 2023123 Permit Application.pdf" and "OUCC 04.03b - Twin Lakes 2023 Water Main Replacement Plans.pdf".

- c. Please refer to attachment: "OUCC 04.03c - Twin Lakes 2023 Watermain Construction Permit.pdf".
- d. Please refer to attachment: "OUCC 04.03d 2023123 Invoices.zip".
- e. Yes, CUII contracted Guardian Utility Locating Service to complete this project. Guardian Utility Locating Service sub-contracted hydro excavation, traffic control, and asphalt and concrete repair. These costs were included in Guardian Utility Locating Service invoice to CUII.
- f. Bids were received by competitive bidding.
- g. Please refer to attachment: "OUCC 04.03g - Twin Lakes 2023 Watermain Repl Bid Advertisement.pdf".
- h. Please refer to attachment: "CONFIDENTIAL OUCC 04.03h - Twin Lakes 2023 Watermain Bid Tabulation.pdf".
- i. The contractor used directional drilling method to install the water main. Water services were installed by directional drilling for long services and open cut excavation for short services.
- j. Components of the CUII-owned service line that were replaced included the service saddle with corporation stop thread, service tap, corporation stop, compression coupling, service line, curb stop, and curb box.
- k. \$3,582.42.

Cause No. 45998 DSIC-1  
Community Utilities of Indiana Inc.  
OUCG DR 4-3a

CUII Response to OUCC DR 4-3  
Cause No. 45998  
January 30, 2024

**Addresses with replaced service lines through 2023123**

<b>Address</b>	<b>Project</b>
4022 Walnut Hill Cir.	2023123
4041 Walnut Hill Cir.	2023123
4024 Walnut Hill Cir.	2023123
4026 Walnut Hill Cir.	2023123
4027 Walnut Hill Cir.	2023123
4028 Walnut Hill Cir.	2023123
4029 Walnut Hill Cir.	2023123
4030 Walnut Hill Cir.	2023123
4031 Walnut Hill Cir.	2023123
4032 Walnut Hill Cir.	2023123
4033 Walnut Hill Cir.	2023123
4034 Walnut Hill Cir.	2023123
4035 Walnut Hill Cir.	2023123
4036 Walnut Hill Cir.	2023123
4037 Walnut Hill Cir.	2023123
3350 Wallhaven Ct.	2023123
3351 Wallhaven Ct.	2023123
3352 Wallhaven Ct.	2023123
3353 Wallhaven Ct.	2023123
3354 Wallhaven Ct.	2023123
3355 Wallhaven Ct.	2023123
3356 Wallhaven Ct.	2023123
3357 Wallhaven Ct.	2023123
3358 Wallhaven Ct.	2023123
3359 Wallhaven Ct.	2023123
3360 Wallhaven Ct.	2023123
3361 Wallhaven Ct.	2023123

## Wallhaven Ct. and Walnut Hill Circle service line replacements

### Duplicate service lines

Cause No. 45998

<b>Addresses with replaced service lines through 2023123</b>			
<b>Address</b>	<b>Project</b>	<b>Ft.</b>	<b>Remarks</b>
1 4022 Walnut Hill Cir.	2023123		
2 4041 Walnut Hill Cir.	2023123		No such address on Walnut Hill Circle
3 4024 Walnut Hill Cir.	2023123		
4 4026 Walnut Hill Cir.	2023123		
5 4027 Walnut Hill Cir.	2023123		
6 4028 Walnut Hill Cir.	2023123		
7 4029 Walnut Hill Cir.	2023123		
8 4030 Walnut Hill Cir.	2023123		
9 4031 Walnut Hill Cir.	2023123	60	60 Ft. Full service line replaced on 08/07/15 - See
10 4032 Walnut Hill Cir.	2023123		CS&W Inv. 4092, 08/07/15, \$5,677.32
11 4033 Walnut Hill Cir.	2023123		
12 4034 Walnut Hill Cir.	2023123		
13 4035 Walnut Hill Cir.	2023123		
14 4036 Walnut Hill Cir.	2023123		
15 4037 Walnut Hill Cir.	2023123		
16 3350 Wallhaven Ct.	2023123		
17 3351 Wallhaven Ct.	2023123		
18 3352 Wallhaven Ct.	2023123		
19 3353 Wallhaven Ct.	2023123		
20 3354 Wallhaven Ct.	2023123		
21 3355 Wallhaven Ct.	2023123		
22 3356 Wallhaven Ct.	2023123		
23 3357 Wallhaven Ct.	2023123		
24 3358 Wallhaven Ct.	2023123		
25 3359 Wallhaven Ct.	2023123	19	19 Ft. Full service line replaced on 04/20/16 - See
26 3360 Wallhaven Ct.	2023123		CS&W Inv. 4240, 05/11/16, \$3,292.82
27 3361 Wallhaven Ct.	2023123		

Duplicate Length (feet)	79	OUCC Calculation from Dwgs.
Total Length	930	Attachment AWD-3, pp. 3-4
Percent of 930 Ft. Service Line Ft.	8.1%	
DSIC-1 Charge	\$ 360,616.94	

**Wallhaven Ct. and Walnut Hill Circle service line replacements**  
**OUCG duplicate service line cost calculations**  
Cause No. 45998

		Duplicate SL Share %	Duplicate SL Share \$
Total DSIC-1 Cost	\$ 360,617		
Construction Cost	\$ 313,500		
Non-construction cost	\$ 47,117	2.8%	\$ 1,338
Construction Cost	\$ 313,500		
Non WM & SL costs	<u>\$ 102,500</u>	2.8%	\$ 2,910
WM & SL costs	\$ 211,000	2.8%	\$ 5,990
			<u>\$ 10,237</u>
			<b>\$ 10,000</b> use

		\$/Unit	Amount
Water service 1-inch (Feet)	79	\$ 10	\$ 790
Connection to existing water service	4	\$ 800	\$ 3,200
Curb stop and box (qty.)	4	\$ 500	\$ 2,000
	Total		\$ 5,990

**APPLICATION AND CERTIFICATE FOR PAYMENT**

Date: 12/20/23

TO (OWNER): Community Utilities of Indiana, Inc.

PROJECT: Twin Lakes 2023 W.M. Replacement

APPLICATION NO: 5

DISTRIBUTION TO:

**PO# P91-2205-100730**

PERIOD TO: 12/31/2023

<input type="checkbox"/>	OWNER
<input checked="" type="checkbox"/>	ENGINEER
<input type="checkbox"/>	CONTRACTOR
<input type="checkbox"/>	PCS-FO
<input type="checkbox"/>	PCS-AP

FROM (CONTRACTOR): Guardian Utilities

VIA (ENGINEER): Commonwealth Engineers, Inc.

APPLICATION DATE: December 20, 2023

CONTRACT DATE:

**CONTRACTOR'S APPLICATION FOR PAYMENT**

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by Owner			
TOTAL			
Number	Date Approved		
TOTALS		\$0.00	\$0.00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that the current payment shown herein is now due.

**CONTRACTOR**

By: Brian Lemmer

Date: 12/20/23

Signature: Brian Lemmer

1.	ORIGINAL CONTRACT SUM	\$325,000.00
2.	NET CHANGE BY CHANGE ORDERS	\$0.00
3.	CONTRACT SUM TO DATE (Line 1 + Line 2)	\$325,000.00
4.	EARNED TO DATE	
	a. Work Completed (See Attached)	\$313,500.00
	b. Stored Materials (See Attached)	
	TOTAL COMPLETED & STORED TO DATE	\$313,500.00
5.	TAX SAVINGS AGREEMENT: (Through Summary No. 1)	
	a. Total POs Issued by Owner to date	
	b. Anticipated Total Tax Savings on Owner Issued POs	
	c. Vendor Invoices Paid @ Contractors Request (to Date)	
	d. Vendor Retainages Unpaid @ Contractor's Request (to Date)	
6.	Total Tax Savings Agreement Deduction (Sum of Line 5a & 5b)	
7.	TOTAL EARNED LESS TAX AGREEMENT DEDUCTIONS (Line 4 less Line 6 Total)	\$313,500.00
8.	RETAINAGE: (5% of Line 7)	
9.	TOTAL EARNED LESS RETAINAGE (Line 7 less Line 8)	\$313,500.00
10.	LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 9 from prior Certificate)	\$297,350.00
11.	CURRENT PAYMENT DUE	<b>\$16,150.00</b>
12.	BALANCE TO FINISH, PLUS RETAINAGE (Line 3 - Line 6 - Line 9)	

**ENGINEER'S CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

ENGINEER:

AMOUNT CERTIFIED

\$ 16,150.00

(Attach explanation if amount certified differs from the amount applied for.)

By: [Signature]

Date: 12/21/23

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein.

Issuance, payment, and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.



**CONTINUATION SHEET**

AIA DOCUMENT G703

Page 2 of 2 Pages

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.  
In tabulations below, amounts are stated to the nearest dollar.  
Use column 1 on contracts where variable retainage for line items may apply.

Guardian Utilities

APPLICATION NO.: 5  
APPLICATION DATE: December 20, 2023  
PERIOD ENDING: December 31, 2023

A. ITEM NO.	B. DESCRIPTION OF WORK	C. (1) QUANTITY	C. (2) COST PER UNIT	C. (3) QUANTITY COMPLETED THIS PERIOD		D.		F. MATERIALS PRESENTLY STORED (NOT IN D OR E)	G.		H. BALANCE TO FINISH (C - G)	I. RETAINAGE
						E. WORK COMPLETED			TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)		
						FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
1	Mobilization, Demobilization, Bond and Startup	1.00 LS	\$17,500.00	0.00	LS	\$17,500.00	\$0.00	\$0.00	\$17,500.00	100.00%	\$0.00	\$875.00
2	Construction Engineering	1.00 LS	\$10,000.00	0.00	LS	\$10,000.00	\$0.00	\$0.00	\$10,000.00	100.00%	\$0.00	\$500.00
3	Temporary Erosion Control	1.00 LS	\$2,500.00	0.00	LS	\$2,500.00	\$0.00	\$0.00	\$2,500.00	100.00%	\$0.00	\$125.00
4A	Asphalt Pavement Repair	1.00 LS	\$20,500.00	0.50	LS	\$20,500.00	\$0.00	\$0.00	\$20,500.00	100.00%	\$0.00	\$1,025.00
4B	Concrete Pavement Repair	1.00 LS	\$2,000.00	0.50	LS	\$2,000.00	\$0.00	\$0.00	\$2,000.00	100.00%	\$0.00	\$100.00
5	Traffic Control	1.00 LS	\$8,000.00	0.50	LS	\$8,000.00	\$0.00	\$0.00	\$8,000.00	100.00%	\$0.00	\$400.00
6	Final Grading, Seeding and Mulching	1.00 LS	\$10,000.00	0.30	LS	\$8,000.00	\$500.00	\$0.00	\$8,500.00	100.00%	\$0.00	\$425.00
7A	Water Main, 6-inch	1070.00 LF	\$80.00	0.00	LF	\$85,600.00	\$0.00	\$0.00	\$85,600.00	100.00%	\$0.00	\$4,280.00
7B	Utility Allowance	1.00 AL	\$10,000.00	0.00	AL	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,000.00	\$0.00
8A	Gate Valve and Box, 6-inch	6.00 EA	\$2,500.00	0.00	EA	\$15,000.00	\$0.00	\$0.00	\$15,000.00	100.00%	\$0.00	\$750.00
8B	Hydrant Assembly	2.00 EA	\$10,000.00	0.00	EA	\$20,000.00	\$0.00	\$0.00	\$20,000.00	100.00%	\$0.00	\$1,000.00
9	Type "B" Connection	2.00 EA	\$7,000.00	0.00	EA	\$14,000.00	\$0.00	\$0.00	\$14,000.00	100.00%	\$0.00	\$700.00
10	Abandon Existing Water Mains	1.00 LS	\$13,500.00	0.50	LS	\$13,500.00	\$0.00	\$0.00	\$13,500.00	100.00%	\$0.00	\$675.00
11A	Service Tap and Corporation Stop, 1-inch	25.00 EA	\$1,200.00	5.00	EA	\$30,000.00	\$0.00	\$0.00	\$30,000.00	100.00%	\$0.00	\$1,500.00
11B	Water Service, 1-inch	930.00 LF	\$10.00	186.00	LF	\$9,300.00	\$0.00	\$0.00	\$9,300.00	100.00%	\$0.00	\$465.00
11C	Connection to Existing Water Service	27.00 EA	\$800.00	5.40	EA	\$21,600.00	\$0.00	\$0.00	\$21,600.00	100.00%	\$0.00	\$1,080.00
11D	Curb Stop and Box, 1-inch	27.00 EA	\$500.00	5.40	EA	\$13,500.00	\$0.00	\$0.00	\$13,500.00	100.00%	\$0.00	\$675.00
13	Granular Backfill	440.00 LF	\$50.00	0.00	LF	\$22,000.00	\$0.00	\$0.00	\$22,000.00	100.00%	\$0.00	\$1,100.00
	<b>PAGE TOTALS</b>					\$313,000.00	\$500.00	\$0.00	\$313,500.00	100%	\$10,000.00	\$15,675.00
	<b>CUMULATIVE TOTALS</b>					\$313,000.00	\$500.00	\$0.00	\$313,500.00		\$10,000.00	\$15,675.00