

**BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of	)	
Vectren Energy Delivery of Ohio, Inc.	)	Case No. 15-0865-GA-RDR
for Authority to Adjust Its Distribution	)	
Replacement Rider Charges.	)	

**APPLICATION**

Vectren Energy Delivery of Ohio, Inc. (VEDO or the Company) respectfully requests that the Commission approve an adjustment to its Distribution Replacement Rider (DRR) charges as described and supported herein. In support of this Application, VEDO states:

1. VEDO is an Ohio corporation engaged in the business of providing natural gas distribution service to approximately 314,000 customers in west central Ohio and, as such, is a “natural gas company” and “public utility” as defined by R.C. 4905.03(E) and 4905.02(A), respectively.

2. On January 7, 2009, in Case No. 07-1080-GA-AIR, the Commission first approved the DRR to recover the costs of VEDO’s accelerated bare-steel and cast-iron replacement program (the Replacement Program). The DRR was approved to be in effect for a five-year period ending in February 2014 beginning on the date rates approved in that case were implemented.

3. On August 22, 2013, in Case No. 13-1571-GA-ALT, VEDO filed an application to expand the scope of the Replacement Program and to extend the DRR to recover the associated costs incurred through the end of calendar year 2017. On January 17, 2014, VEDO and the Commission’s Staff entered into a Stipulation and Recommendation (the 13-1571 Stipulation), which the Commission approved in an Opinion and Order dated February 19, 2014 (the 13-1571 Order).

4. On August 27, 2014, in Case No. 14-813-GA-RDR, the Commission approved VEDO's application that established the current DRR charges. Those charges became effective on September 1, 2014.

5. As approved under the 13-1571 Order, VEDO proposes for recovery through the DRR the following costs that were incurred in 2014:

- The cost of replacing and retiring bare-steel and cast-iron mains and bare-steel service lines;
- The cost of replacing and retiring field-coated steel pipe that was installed prior to 1955;
- The cost of replacing, retiring, and testing field-coated steel pipe installed beginning in 1955 and prior to 1971 and that failed a cathodic-protection test;
- The cost of replacing and retiring obsolete pipe and appurtenances that were encountered within the context of a main replacement project undertaken as part of the Replacement Program;
- The cost of replacing and retiring vintage plastic pipe that was encountered within the context of a main replacement project undertaken as part of the Replacement Program, to the extent that the total footage of vintage-plastic-pipe replacement did not exceed five percent of total replacement program footage in 2014;
- The cost of replacing and retiring segments of interspersed plastic pipe, under the following conditions:
  - For any individual segment of plastic pipe that meets the length and diameter limitations set forth in ¶ 5 of the 13-1571 Stipulation, such costs shall be included;
  - For segments of interspersed plastic pipe in excess of the limitations set forth in ¶ 5 of the 13-1571 Stipulation, such costs may be included unless it is shown that it was less economical to replace the segment than to tie it into the existing plastic segment;
- The cost of replacing segments of pipe that included target pipe where (a) VEDO's pipe was in a public right-of-way, (b) VEDO was required to relocate its facilities at the request of a governmental entity, and (c) the plastic pipe associated with the relocation was less than or equal to 25 percent of the total footage of that governmental relocation; and
- The incremental costs of assuming ownership and repair of customer service lines.

(13-1571 Stipulation at 2–4.)

6. The 13-1571 Stipulation provided that VEDO would work with Staff to agree on a methodology that accurately identified VEDO’s actual incremental service-line costs and investment. (*Id.* at 3–4.) In Case No. 14-813-GA-RDR, following discussions with Staff, VEDO proposed a methodology to accurately identify actual incremental service-line costs and investments. Staff recommended approval of VEDO’s 14-813 Application, including the treatment of service lines, without modification (*see* Staff Comments at 4–5), and the Commission approved. *See* 14-813 Opin. & Order at 3–4 (Aug. 27, 2014). As described in the Direct Testimony of James M. Francis, VEDO’s Application in this case uses the same methodology approved in Case No. 14-813-GA-RDR.

7. Costs recoverable in the DRR have been offset by operations and maintenance (O&M) savings, which were determined by adding together (*a*) a baseline credit of \$294,116 and (*b*) a credit of \$5,882 per mile of bare-steel and cast-iron main replaced (collectively, O&M Savings Credit). Given that VEDO replaced a cumulative 88.60 miles of bare-steel and cast-iron main in 2013-2014, the O&M Savings Credit is \$815,261. VEDO also calculated actual O&M savings by comparing actual O&M costs to the O&M baseline established in Case No. 07-1080-GA-AIR and used in previous annual DRR filings, but this amount was \$44,876 and thus less than the O&M Savings Credit.

8. VEDO requests that the Commission establish the revised DRR charge to be effective on September 1, 2015, for the subsequent 12-month period and that this application not be considered an application to increase rates and charges.

9. As a part of this application, VEDO is required to provide support for the following:

- The return of and on the plant investment, inclusive of capitalized interest or post-in-service carrying costs charges (PISCC). PISCC shall be accrued and recovered at the rate of 7.02% for the accumulated infrastructure investment amounts in the DRR from the date that the applicable assets are placed in service until the effective date of the next subsequent DRR;
- The incremental costs of assuming ownership and repair of customer service lines as described in the rate case application;
- The incremental revenue requirement for the year and for each component of the DRR;
- A summary of its construction plans for the next year, including expected investment, expected location of the infrastructure replacement work, and the expected miles to be replaced; and
- The calculation of the O&M Savings Credit and of actual annual savings of O&M expenses compared to the O&M baseline established in Case No. 07-1080-GA-AIR.

(13-1571 Stipulation at 2, 4.)

10. In accordance with the 13-1571 Stipulation, VEDO shall bear the burden of proof of demonstrating the justness and reasonableness of the level of recovery proposed in this case and shall support the adjustment to the annual revenue requirement for increases or adjustments to the then-existing DRR charge. (*Id.* at 2.)

11. In order to demonstrate the justness and reasonableness of the proposed DRR charges and to support the proposed adjustment to the underlying annual revenue requirement, VEDO submits the following exhibits:

- VEDO Exhibit 1.0: Direct Testimony and Exhibits of James M. Francis;
- VEDO Exhibit 2.0: Direct Testimony and Exhibits of J. Cas Swiz; and
- VEDO Exhibit 3.0: Direct Testimony and Exhibits of Scott E. Albertson.

12. The data and information contained in the Application and supporting testimony support the following revised DRR charges:

<b>Rate Schedule</b>	<b>\$ Per Month</b>	<b>\$ Per Ccf</b>
310, 311 and 315	\$4.79	
320, 321 and 325 (Group 1)	\$4.79	
320, 321 and 325 (Group 2 and 3)		\$0.03578
341	\$26.09	
345		\$0.00889
360		\$0.00679

The proposed DRR charge applicable to residential and small general service (Group 1) customers complies with the rate cap of \$5.45 per month applicable to those same customers during the period September 1, 2015 through August 31, 2016. (13-1571 Stipulation at 4.)

13. A redlined and clean revised tariff Sheet No. 45, Ninth Revised Page 2 of 2, which reflects the revised DRR charges, is included as Exhibit No. SEA-2 to the Direct Testimony of Scott E. Albertson.

WHEREFORE, VEDO respectfully requests that the Commission approve the DRR charges, approve the proposed Sheet No. 45, Ninth Revised Page 2 of 2, and grant all other necessary and proper relief.

Dated: May 1, 2015

Respectfully submitted,

/s/ Andrew J. Campbell

Mark A. Whitt (Counsel of Record)

Andrew J. Campbell

Rebekah J. Glover

WHITT STURTEVANT LLP

The KeyBank Building, Suite 1590

88 East Broad Street

Columbus, Ohio 43215

Telephone: (614) 224-3946

Facsimile: (614) 224-3960

whitt@whitt-sturtevant.com

campbell@whitt-sturtevant.com

glover@whitt-sturtevant.com

(All counsel willing to accept service by email.)

ATTORNEYS FOR VECTREN ENERGY  
DELIVERY OF OHIO, INC.

**CERTIFICATE OF SERVICE**

I hereby certify that a copy of this Application and Attachments was served by electronic mail this 1st day of May 2015 to the following:

Larry S. Sauer  
Joseph P. Serio  
Assistant Consumers' Counsel  
Office of the Ohio Consumers' Counsel  
10 West Broad Street, 18<sup>th</sup> Floor  
Columbus, OH 43215  
sauer@occ.state.oh.us  
serio@occ.state.oh.us

Ryan P. O'Rourke  
Assistant Attorneys General  
Public Utilities Commission of Ohio  
180 East Broad Street, 9<sup>th</sup> Floor  
Columbus, OH 43215  
ryan.orourke@puc.state.oh.us

/s/ Andrew J. Campbell  
One of the Attorneys for Vectren Energy  
Delivery of Ohio, Inc.

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**DIRECT TESTIMONY OF**

**JAMES M. FRANCIS**

**DIRECTOR OF ENGINEERING AND ASSET MANAGEMENT**

**ON BEHALF OF**

**VECTREN ENERGY DELIVERY OF OHIO, INC.**

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**Direct Testimony of  
James M. Francis**

**I. INTRODUCTION**

**Q1. Please state your name, business address and occupation.**

A. My name is James M. Francis. My address is One Vectren Square, Evansville, Indiana, and I am Director of Engineering & Asset Management for Vectren Utility Holdings, Inc. (VUHI), the immediate parent company of Vectren Energy Delivery of Ohio, Inc. (VEDO or the Company).

**Q2. What are your duties in your present position?**

A. I have responsibility for engineering and technical support for VEDO utility operations. My specific responsibilities include System Design and Planning, Corrosion Control, Project Engineering, Compliance, Standards, Asset Management, Pipeline Integrity Management, and Capital Planning and Management. Additionally, I am responsible for identifying and implementing many of VEDO's asset management programs.

**Q3. Please describe your work experience.**

A. I have been employed by VEDO since April 8, 2004, as the Director of Technical Services. My title has subsequently been changed to Director of Engineering & Asset Management. I have been employed with VEDO since the purchase of the gas assets of the Dayton Power & Light Company by Vectren Corporation in 2000. Immediately prior to my current position, I was the Regional Manager of the Troy Operating Region with responsibility for field operations. I also held other positions at VEDO including Planning Manager and Measurement Supervisor. Prior to my employment with VEDO, in 1991, I became an employee of Dayton Power & Light serving as a Project Engineer, System Planner and Measurement Supervisor.



**Q4. What is your educational background?**

A. I received a Bachelor of Science in mechanical engineering from the University of Dayton in 1993. I received a Masters in Business Administration from The Ohio State University in 2000.

**Q5. Are you involved in any gas industry association activities?**

A. Yes. I am active in the American Gas Association's (AGA) Operating Section. I am currently a member of the AGA's Distribution and Transmission Engineering Committee.

**Q6. Have you previously testified before this Commission?**

A. Yes. I testified in VEDO's most recent general rate case, Case No. 07-1080-GA-AIR (the Rate Case), in support of the need for recovery of certain costs under the Distribution Replacement Rider (DRR) proposed in that proceeding. I also testified in VEDO's 2010 DRR proceeding, Case No. 10-0595-GA-RDR, its 2011 DRR proceeding, Case No. 11-2776-GA-RDR, its 2012 DRR proceeding, Case No. 12-1423-GA-RDR, its 2013 DRR proceeding, Case No. 13-1121-GA-RDR, and its 2014 DRR proceeding, Case No. 14-0813-GA-RDR, plus the DRR extension, Case No. 13-1571-GA-ALT.

**Q7. What is the purpose of your testimony in this proceeding?**

A. First, I will provide details on the progress of VEDO's accelerated bare steel and cast iron replacement program (the Replacement Program). I will discuss the status of pipe replacement and retirement, the costs incurred, and the benefits identified in 2014. I will discuss certain other issues, such as meter relocations and plastic pipe retirements, and how these are addressed within the Replacement Program. I will discuss the processes used to assess and award the construction work associated with the Replacement Program. I will conclude this section by discussing the 2015 replacement plan.

1           The second portion of my testimony will discuss VEDO's experience with the  
2           change in service line ownership and responsibilities which took effect in 2009 and  
3           VEDO's incremental investments in 2014 that resulted from this change.

4           The final portion of my testimony will discuss the calculation of operations and  
5           maintenance (O&M) savings under the Stipulation approved in Case No. 13-1571-GA-  
6           ALT (the 13-1571 Stipulation).

7   **Q8.   What Exhibits are you sponsoring in this proceeding?**

8   A.   I am sponsoring the following exhibits:

- 9           •   Exhibit No. JMF-1 – 2014 VEDO Replacement Program Progress
- 10          •   Exhibit No. JMF-2 – 2014 VEDO Plastic Main Retirement Causes
- 11          •   Exhibit No. JMF-3 – VEDO 2015 BS/CI Replacement Plan
- 12          •   Exhibit No. JMF-4 – VEDO 2014 Service Replacement Cost Summary
- 13          •   Exhibit No. JMF-5 – VEDO Service Replacement Unit Rates and Cost Allocations
- 14          •   Exhibit No. JMF-6 – VEDO 2014 Service Replacement Work Order Detail & Cost  
15           Allocation
- 16          •   Exhibit No. JMF-7 – VEDO Operating & Maintenance Savings Calculation Per 13-  
17           1571 Stipulation
- 18          •   Exhibit No. JMF-8 – VEDO 2014 Maintenance Expense - BS/CI & Service Line  
19           Ownership
- 20          •   Exhibit No. JMF-9 – VEDO Replacement Program Cost Savings 5 Year History

1     **II.   BARE STEEL AND CAST IRON REPLACEMENT PROGRAM**

2     **Q9.   Please provide a brief description of VEDO's Replacement Program.**

3     A.    As of the end of 2013, VEDO had a total of 404 miles of bare steel and 141 miles of cast  
4           iron main remaining in its system. Starting in 2014 and going forward through the  
5           completion of the program, VEDO plans to retire between 45 and 60 miles of bare steel  
6           or cast iron mains annually.

7     **Q10. How much bare steel and cast iron infrastructure did VEDO retire in 2014 as part**  
8       **of the Replacement Program?**

9       A. In 2014, VEDO retired 44.8 miles under the Replacement Program, including 42.1 miles  
10          of bare steel and 2.7 miles of cast iron mains for projects placed in service in 2014.  
11          Additionally, VEDO had in progress projects to retire an additional 4.8 miles of bare steel  
12          or cast iron main. These projects in progress will be placed in service during early 2015,  
13          and will be included in subsequent DRR filings. Together, this mileage is comparable to  
14          the 47 miles planned for 2014, as discussed in my testimony in last year's update filing.  
15          VEDO also retired 5,282 service lines, with 5,052 of those being replaced for projects  
16          placed in service in 2014.

17    **Q11. Is VEDO still targeting the completion of the Replacement Program by the end of**  
18       **2023?**

19    A.    Yes. VEDO expects to complete the retirement of the remaining bare steel and cast iron  
20          mains by the end of 2023. Although VEDO substantially met its mileage targets for  
21          2014, it would have completed even more investment, but was impacted by the polar  
22          vortex and the extreme cold weather, which delayed much of the construction early in the  
23          year. By contrast, VEDO is significantly ahead of last year's construction activity for  
24          work being completed in 2015.

1 **Q12. How much did VEDO invest in the Replacement Program in 2014?**

2 A. As identified by VEDO witness J. Cas Swiz, VEDO's Replacement Program investment  
3 for projects placed in service in 2014 was \$32,710,362. Exhibit No. JMF-1 provides a  
4 detailed list of bare steel and cast iron, and ineffectively coated steel projects placed in  
5 service under the Replacement Program in 2014, the costs of each project as of December  
6 31, 2014, and the amount of pipe (main footage and number of service lines) retired and  
7 replaced. For some projects placed in service in 2014, additional trailing charges (such as  
8 restoration costs) will be incurred in 2015. These costs will be included in a future DRR  
9 filing.

10 **Q13. Were any of the projects completed as part of the Replacement Program in 2014 the**  
11 **result of a public improvement project?**

12 A. Yes. Three projects included in the 2014 Replacement Program originated as a result of a  
13 public improvement project: specifically, project groups V-1032, V-1044, and V-839  
14 which are included in the list of completed projects in Exhibit No. JMF-1.

15 **Q14. Was the footage of plastic pipe retired on projects V-1032, V-1044, and V-839 less**  
16 **than or equal to 25% of the total footage of those government projects?**

17 A. Yes. The footage of plastic pipe retired on the three projects was well less than 25% of  
18 the total footage relocated on these projects. The specific footage retired on these  
19 projects may be found in Exhibit No. JMF-1.

20 **Q15. Did VEDO retire any plastic main as part of the Replacement Program in 2014?**

21 A. Yes. VEDO retired a total of 13,753 feet of plastic main within the replacement projects  
22 completed in 2014. There were a number of reasons why plastic main segments were  
23 retired, which were discussed in my testimony in the Rate Case. Some short segments of  
24 plastic main existed within the bare steel or cast iron systems. It would have been more  
25 costly to attempt to salvage that main than to replace it. Also, some sections of plastic

1 main at the ends of distribution systems were retired because those segments no longer  
2 served any customers and there was no reason to continue to maintain them.

3 Additionally, some sections of plastic main failed pressure tests and needed to be  
4 replaced. Exhibit No. JMF-2 provides a brief description of the cause of retirement of  
5 plastic for each applicable project.

6 **Q16. Were any of the plastic segments retired considered “Vintage Plastic”?**

7 A. No. While VEDO has retired segments of vintage plastic pipe during prior Replacement  
8 Program projects, none of the segments retired in 2014 were of this material type.

9 **Q17. The Stipulation approved in Case No. 13-1571-GA-ALT provided that VEDO may**  
10 **recover the costs of replacing and retiring individual segments of plastic pipe that**  
11 **exceeded certain diameter and length criteria, unless it is shown that it was less**  
12 **economical to replace the segment than to tie it in. Did any segments of plastic pipe**  
13 **exceed the criteria provided in the Stipulation?**

14 A. Yes. Exhibit No. JMF-2 identifies the plastic pipe retired on each project (where  
15 applicable) and identifies the length of each individual segment. VEDO had six projects  
16 in which it retired a segment of 2-inch plastic pipe longer than the applicable criterion of  
17 435 feet, and one project in which it retired a segment of 4-inch plastic pipe longer than  
18 the applicable criterion of 365 feet, for a total of seven projects that exceeded diameter  
19 and length criteria. Three of these seven projects, however, were pipeline retirements  
20 only, and thus did not involve pipeline replacement.

21 **Q18. Was it more economical to replace segments associated with the four projects**  
22 **involving pipeline replacements than to tie them into the existing system?**

23 A. Yes. Projects V-1044, V-809, and V-817 had sections of existing plastic mains and  
24 service lines that were scheduled to be pressure tested so that they could operate at a  
25 higher pressure. In each case, the existing plastic pipe failed under the required pressure  
26 test. Given that specific leak locations could not be readily identified, it was more cost

1 effective to replace the plastic segment than to locate and remediate the respective leaks.  
2 Project V-1020 involved the required replacement of a plastic segment due to an  
3 identified issue where the gas main was in conflict with the sewer and was buried at a  
4 depth that made it susceptible to excavation damage. This replacement was conducted to  
5 mitigate the risk of third-party damage, particularly with the system operating at a higher  
6 pressure. Thus, tying the existing line into the system was not an economical option for  
7 this project.

8 **Q19. Did VEDO move any meters outside as part of the Replacement Program?**

9 A. Yes. VEDO moved 3,637 meters outside in 2014. Because the newly installed mains  
10 operate at a higher pressure (requiring the installation of a service regulator), the cost  
11 associated with moving the meters outside was less than if the meter remained inside and  
12 the necessary service regulator was installed outside. In addition to better utilization of  
13 VEDO's capital, moving the meters outside should improve operational efficiency  
14 associated with future meter order work and will eliminate the need for inside  
15 atmospheric corrosion inspections. VEDO has employed this meter move-out approach  
16 since the Replacement Program was first implemented.

17 **Q20. Does VEDO believe that the Replacement Program is achieving or will achieve the**  
18 **expected benefits?**

19 A. Yes. VEDO expects to continue to experience improved service reliability and safety  
20 through the reduction of leakage and the replacement of the mains and service lines that  
21 contribute most to system leaks. Proactive replacement of this pipe, moving meters  
22 outside, and retiring the older assets will drive workforce efficiencies. The Company was  
23 able, in 2014, to achieve improved capital utilization by retiring more existing main  
24 infrastructure than it was necessary to replace. Customers and property owners will

1 experience a reduction in the number and frequency of disturbances and inconveniences  
2 (such as leak repair, service interruptions, etc.) as the older sections of main are retired.  
3 VEDO has historically repaired approximately one leak per mile per year on the bare  
4 steel and cast iron mains retired. Additionally, as quantified below, there are active leaks  
5 and meter orders that will be eliminated as a result of replacing bare steel and cast iron  
6 infrastructure. Reducing active leaks is necessary to address lost and unaccounted for  
7 gas. Finally, VEDO expects long term benefits in terms of reduced impacts on the  
8 communities where public infrastructure improvements may occur after these projects are  
9 completed.

10 **Q21. What operational benefits did VEDO achieve as a result of the Replacement**  
11 **Program in 2014?**

12 A. There are a number of operational benefits that VEDO has achieved as a result of the  
13 Replacement Program.

14 The replacement of bare steel and cast iron infrastructure removes active leaks in  
15 VEDO's system, is expected to reduce the occurrence of future leaks and leak repair  
16 work, and will reduce interruptions, inconveniences and disturbances to customers.  
17 Specifically, the replacement of bare steel and cast iron infrastructure from 2014 have  
18 allowed VEDO to eliminate 242 active leaks on the affected assets, of which 82 would  
19 have required a more immediate and less efficient repair.

20 Over the past 8 years, the Company has experienced an average of 411 asset  
21 condition related meter orders on the types of assets that were replaced in 2014. VEDO  
22 will experience a reduction in the number of these meter orders (Outside Gas Leak, Gas  
23 Emergency, Water in Line, and No Gas orders) through the retirement of bare steel and  
24 cast iron infrastructure.

1 As stated above, VEDO moved 3,637 inside meters outside. This will eliminate  
2 the requirement for a separate atmospheric corrosion check.

3 Certain system components that had been used to address issues associated with  
4 assets in poor condition have been eliminated, such as the 116 drips used to remove water  
5 from low pressure mains.

6 Additional operational efficiencies come as a result of the retirement of regulator  
7 stations, valves, casings, test stations for cathodic protection, and reduced frequency of  
8 leak surveys.

9 Ultimately, these types of improvements provide reliability and safety benefits to  
10 VEDO's customers or property owners that live in the vicinity of the replacement  
11 projects.

12 **Q22. Did VEDO derive cost savings from the 2014 replacement projects?**

13 A. Yes. Quantification of the savings achieved in 2014 under the guidelines approved in  
14 Case No. 13-1571-GA-ALT will be discussed later in my testimony.

15 **Q23. Were the construction projects within the 2014 Replacement Program competitively**  
16 **bid?**

17 A. Yes.

18 **Q24. How were the bid packages organized, bid, and awarded?**

19 A. Based on the geographical location of the projects, VEDO divided the planned 2014  
20 projects into 20 bid packages. Contractors that either received a small entry level  
21 package in 2013 or did not complete a BS/CI project in 2013 were eligible to bid on all  
22 work but were only awarded a certain amount to monitor growth. All contractors could  
23 bid on any of the 20 packages but were not required to bid on all packages. Each bid  
24 package was independently evaluated.



1 Four different construction contractors were invited to provide bids for the  
2 work. Information was provided on each project, and contractors had an opportunity to  
3 ask questions with regard to the work to be performed and the bids to be submitted. Each  
4 contractor was provided with copies of prints for all of the projects and given time to visit  
5 the project sites prior to submitting bids.

6 Bids were submitted based on unit pricing; that is, a fixed price for a given unit of  
7 work to be performed. VEDO used the unit prices and the estimated work units for each  
8 project to create comparative cost estimates. These comparative estimates were then  
9 summarized for each bid package. Each package was evaluated based on overall cost,  
10 and the contractor's capacity. If a contractor submitted bids on several projects, the  
11 contractor's capacity was evaluated to ensure that the potential award did not exceed their  
12 capacity.

13 **Q25. What is VEDO's replacement plan for 2015?**

14 A. VEDO's planned replacement projects for 2015 are identified in Exhibit No. JMF-3. In  
15 2015, VEDO plans to spend approximately \$35 million on bare steel and cast iron  
16 projects, retiring approximately 53 miles of bare steel and cast iron main, along with the  
17 bare steel service lines served from those mains. In addition, approximately 4.8 miles of  
18 bare steel and cast iron main will be retired along with the 2015 retirement plan from  
19 projects started in 2014. As was the case in 2014, VEDO reserves the right to modify the  
20 plan as necessary, including to accommodate higher priority projects as circumstances  
21 may change throughout the year.

1 **Q26. Is VEDO also planning on replacing some ineffectively coated steel pipelines in its**  
2 **2015 Replacement Program?**

3 A. Yes. In 2015, VEDO plans to spend approximately \$2.8 million under the Replacement  
4 Program to replace approximately 5.1 miles of ineffectively coated steel mains. A list of  
5 those projects can be found in Exhibit No. JMF-3.

6 **III. SERVICE LINE RESPONSIBILITY**

7 **Q27. How does VEDO view the transition to service line responsibility?**

8 A. VEDO continues to view the transfer of service line responsibility to the Company as a  
9 positive for both the Company and its customers. In general, VEDO's assumption of  
10 service line responsibility has been a benefit to its customers. Customers no longer are  
11 required to schedule the services of a plumber to repair or replace their service line,  
12 minimizing inconvenience and out of pocket costs for customers. VEDO's response  
13 times to leak calls and its repair activities reduce the amount of time customers are out of  
14 service, which also aligns with Ohio's minimum gas service standards. The Company's  
15 ability to adjust to an ever-changing schedule to meet the needs of customers has also  
16 been a benefit. Also, confusion over customer responsibility for the service line has been  
17 essentially eliminated because there is now a clear delineation of responsibility between  
18 the customer and VEDO. VEDO continues to respond to numerous leak calls, many on  
19 bare steel or ineffectively coated steel service lines that have required replacement.  
20 Because VEDO (and its customers) have a significant number of aged service line assets,  
21 the annual amount of service line replacements is significant and will remain so for the  
22 foreseeable future.

1 **Q28. Does VEDO continue to experience incremental costs as a result of assuming service**  
2 **line responsibility?**

3 A. Yes. VEDO continues to repair a number of gas leaks on the portion of the buried  
4 service line and the above-ground meter setting that had previously been maintained by  
5 the customer. Incremental capital replacement costs related to service line responsibility  
6 are included in Witness Swiz's DRR revenue requirement. The incremental O&M  
7 expenses will be discussed later in my testimony.

8 **Q29. Has VEDO devoted incremental investment to the replacement of service lines?**

9 A. Yes. When VEDO assumed responsibility for the replacement of service lines, which  
10 includes the portion of the service line beyond the curb valve (formerly the customer's  
11 responsibility for installation or replacement), it began incurring incremental investments.

12 **Q30. Can you explain how VEDO identified its actual incremental service line costs?**

13 A. Yes. The first step identified portions of the service line representing incremental  
14 investment for VEDO. Figure 1 below is a drawing of a standard service line. The entire  
15 service line runs from the main to the meter setting, and the drawing shows the three  
16 distinct segments of the line: the portion from the main to the curb valve; the portion  
17 from the curb valve to the meter; and the meter setting.

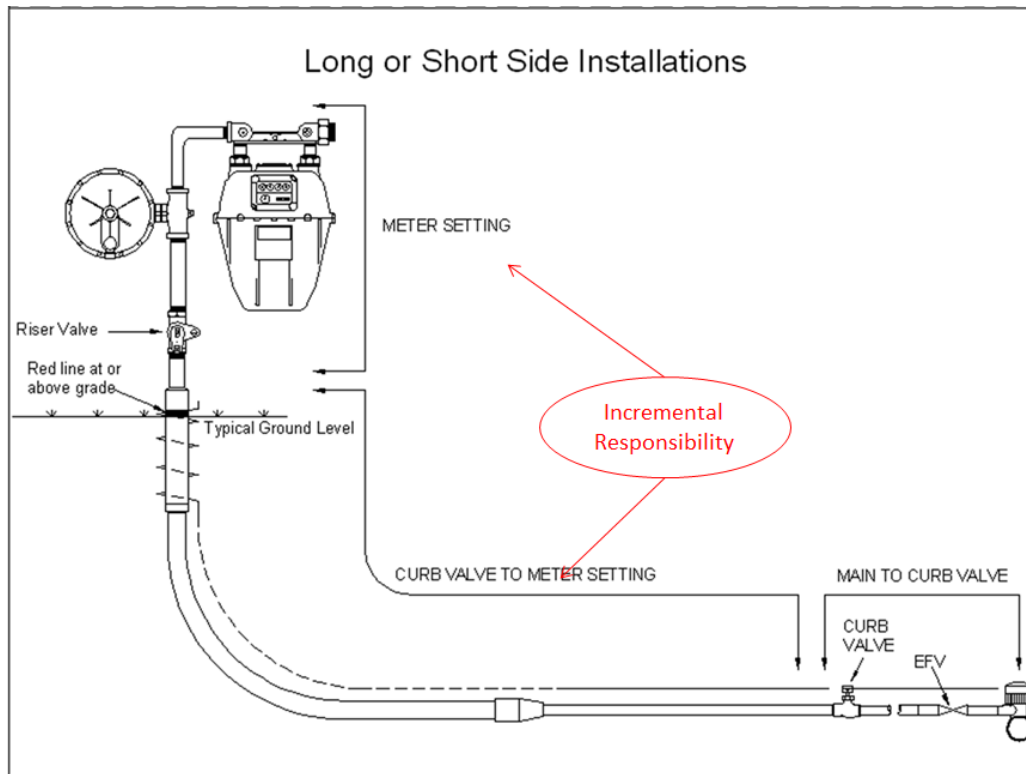


Figure 1: Standard Service Line Installation

**Q31. What types of service line replacements does VEDO perform, and which replacements represent incremental investment?**

A. There are four types of service line replacements that VEDO may perform, which correspond to the service line and individual segments described above.

A Main to Meter replacement means that the entire service line is replaced from the connection at the main, beyond the curb valve, to the outlet side of the meter setting. Only a portion of this type of replacement is incremental, namely, from the curb valve to the outlet of the meter setting.

A Main to Curb Valve replacement replaces the service line from the connection at the main to the outlet side of the curb valve and is *not* an incremental investment.

A Curb Valve to Meter Setting replacement replaces the service line from the outlet side of the curb valve to the inlet side of the meter setting and is entirely

1 incremental. Prior to VEDO's assumption of responsibility for service lines, the  
2 customer would have borne the cost for this type of replacement.

3 A Meter Setting replacement replaces the service line from the inlet side of the  
4 meter setting through the meter bar to the connection with the customer's fuel line and is  
5 entirely incremental. Prior to VEDO's assumption of responsibility for service lines, the  
6 customer would have borne the cost for this type of replacement.

7 **Q32. Not including service lines that were part of Replacement Program projects, how**  
8 **many service lines did VEDO replace in 2014, and what segments of the line were**  
9 **replaced?**

10 A. In 2014, VEDO replaced all or part of 2,140 service lines. This represents an increase  
11 from prior years. The breakdown of service replacement types were as follows:

Service Line Replacement Type	Quantity
Main to Meter Setting	1,244
Curb Valve to Meter Setting	573
Meter Setting	177
Main to Curb Valve	146
<b>Total</b>	<b>2,140</b>

12  
13 VEDO invested \$10,582,748 in the replacement of these service lines.

14 **Q33. What caused VEDO to increase the number of service replacements in 2014 over**  
15 **prior years?**

16 A. Primarily, the identification of leaks led to the service replacements. VEDO anticipates it  
17 will continue to see an increase in service replacements. VEDO is evaluating strategies  
18 to enable it to stay on top of the increases in leaks.

19 **Q34. Is only a portion of the \$10,582,748 invested in the replacement of service lines an**  
20 **incremental investment?**

21 A. Yes. Because many of the replacements involved the Main to Curb Valve portion of the  
22 service line, only a portion of this investment is incremental. Exhibit No. JMF-4

1 provides a summary of the 2014 investments in service line replacements, identifying  
2 both the incremental and non-incremental investments by replacement type. In 2014,  
3 VEDO's incremental investment in service line replacements was \$5,617,793.

4 **Q35. How did VEDO identify 2014 incremental investment in service line replacements?**

5 A. VEDO identified incremental investment through a detailed review of service line  
6 replacement work orders, through which it determined both how many orders pertained  
7 to the various segments of the service line (Main to Meter Setting, Main to Curb Valve,  
8 Curb Valve to Meter Setting, or Meter Setting) and how much of the investment should  
9 be considered fully incremental, partially incremental, or non-incremental.

10 **Q36. How did VEDO identify and differentiate the work orders in question?**

11 A. VEDO queried its work management system for all service replacement work orders  
12 completed between January 1, 2014, and December 31, 2014, and compiled them into a  
13 single table in an Excel spreadsheet. It then reviewed each order and identified the type  
14 of service replacement as being one of the following: Main to Meter, Main to Curb  
15 Valve, Curb Valve to Meter, or Meter Setting replacements. This allowed VEDO to  
16 identify whether the service line investment was fully incremental, partially incremental  
17 or not incremental.

18 **Q37. How did VEDO identify the value of the investment associated with each**  
19 **replacement?**

20 A. VEDO used information on each service replacement (primarily work type, length, size  
21 and material) to determine which costs were applicable to each work order.

22 **Q38. How did VEDO determine the applicable costs?**

23 A. Costs for service replacement work are generally based on pre-defined unit rates for  
24 certain activities, such as a cost per foot installed, cost per meter setting installed, and

1 cost for sewer locates. VEDO determined the applicable unit rates by manually  
2 reviewing and identifying the cost categories associated with each job and identifying  
3 which costs were applicable to which type of service replacement. For example, hard  
4 surface removal and restoration is applicable to most Main to Meter and Main to Curb  
5 Valve replacements (older mains are generally under pavement), but not to Curb Valve to  
6 Meter and Meter Setting replacements (which are generally under lawns). In VEDO's  
7 review, it also distinguished between fixed and variable costs and allocated them  
8 accordingly.

9 **Q39. Do the exhibits to your testimony identify each cost type and how it was allocated?**

10 A. Yes. Exhibit No. JMF-5 is a table identifying how each of the various cost types is  
11 allocated to each of the different service replacement types.

12 **Q40. How did VEDO use this methodology to determine the incremental amount of**  
13 **service line investment in 2014?**

14 A. Having identified the applicable unit rates, fixed and variable costs, and appropriate  
15 allocations, VEDO applied them to each service replacement work order to determine the  
16 incremental and non-incremental portion of each investment. Exhibit No. JMF-6  
17 provides a listing of each service line replacement work order with its applicable costs,  
18 identifying the incremental and non-incremental investments on each service line  
19 replacement. The summary of the individual service order costs is included in Exhibit  
20 No. JMF-4.

21 **Q41. Is the methodology described above the same methodology that was used and**  
22 **approved as part of VEDO's filing for recovery of 2013 costs?**

23 A. Yes. VEDO used this same methodology, which was approved during the DRR filing  
24 that occurred in 2014.

1    **IV.    OPERATING AND MAINTENANCE SAVINGS**

2    **Q42.    Under the 13-1571 Stipulation, VEDO is required to credit the DRR based on one of**  
3    **two savings methods. Did VEDO perform these calculations?**

4    A.    Yes. The first method required VEDO to determine an “O&M Savings Credit” by adding  
5    together a baseline credit of \$294,116 and a credit of \$5,882 per mile of bare-steel and  
6    cast-iron main replaced. This calculation resulted in a cumulative O&M Savings Credit  
7    of \$815,261 (43.8 miles in 2013 plus 44.8 miles in 2014 times \$5,882, plus \$294,116).  
8    See Exhibit No. JMF-7 for the calculation of this savings.

9    **Q43.    Did VEDO also calculate maintenance savings in 2014 compared to a baseline**  
10   **amount of \$1,192,953?**

11   A.    Yes. The 13-1571 Stipulation also required VEDO “to calculate actual O&M savings by  
12   comparing actual O&M costs to the O&M baseline established in the Rate Case and used  
13   in previous annual DRR filings.” VEDO calculated its maintenance expenses incurred in  
14   2014 by the same method it used to calculate the baseline maintenance expense amount  
15   of \$1,192,953. The actual comparable maintenance expenses in 2014 were \$1,148,077  
16   resulting in a cumulative savings against the baseline of \$44,876. This amount is broken  
17   into expense reductions attributable to mains of \$91,407 and expense increases from  
18   service lines, now owned or maintained by VEDO, of \$46,531 for a total savings of  
19   \$44,876. Additionally, VEDO experienced an increase in maintenance expenses of  
20   \$193,901 for those service lines that are not bare steel. Exhibit No. JMF-8 provides the  
21   actual 2014 maintenance expenses and a comparison against the baseline expense  
22   amount. Additionally, this exhibit provides a breakdown of the maintenance expenses  
23   between mains and services.



1 **Q44. What amount of O&M savings does VEDO propose to include as a credit in this**  
2 **DRR filing as a result of the 2014 Replacement Program?**

3 A. Because the O&M Savings Credit is greater than the savings reached under the baseline-  
4 comparison method, VEDO will apply the credit of \$815,261.

5 **Q45. By way of comparison, what does VEDO believe were its actual O&M savings in**  
6 **2014?**

7 A. VEDO believes that its actual O&M savings in 2014 were \$224,589. Exhibit No. JMF-9  
8 provides a breakdown of the cost savings into the various operating or maintenance  
9 categories. The amount of savings resulted in an average per mile savings cost of  
10 \$5,013.15. This amount was arrived at by dividing the annual savings achieved in 2014  
11 (\$224,589) by the mileage retired (44.8).

12 **Q46. How did VEDO calculate this figure?**

13 A. For each of the projects completed in 2014, VEDO was able to identify specific cost  
14 drivers related to regulator stations, casings, valves, cathodic protection reads, residential  
15 leak surveys, service calls, leaks repaired, leaks rechecked, meter move outs, and drips  
16 retired, and tally the quantity of work eliminated as a result of the replacement of these  
17 assets. O&M costs associated with the respective work on these assets (such as an  
18 inspection or a survey) were then summarized into a cost savings by cost driver. As an  
19 example, in 2014, VEDO retired 16 regulator stations. As a result of these retirements,  
20 VEDO will reduce annual costs for conducting regulator inspections by \$12,672 annual  
21 cost savings since the regulators have been retired and thus no longer require inspection.  
22 A similar summary of cost savings was determined for each cost drivers listed above and  
23 can be found Exhibit No. JMF-9.

1    **Q47. Is VEDO proposing only to credit actual savings against the DRR?**

2    A.     No. VEDO only notes the actual savings for comparative purposes and to confirm that  
3           the Stipulation is providing real benefits for customers.

4    **Q48. Does this conclude your testimony?**

5    A.     Yes.

2014 VEDO Replacement Program Progress

Exhibit no. JMF-1  
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						Mains					Services		Meter Move-Outs					
A	B	C	D	E	F	G	H	I	J	K = H+I+J	L	M	N	O				
Work Order (Oracle) Number	Completion Date	Category	Group#	City	Utility Plant Additions	Main Installed (Feet)	Total BS and Other Types Retired (Feet)	Total CI Retired (Feet)	Total PL Retired (Feet)	Total Main Retired (Feet)	Total # Services Installed	Total # Services Retired	Total # Meter Move-Outs	Total # Meter Installations Retired				
12046803052217	12/30/2014	BSCI	V-1016	DAYTON-DW	\$407,080	3,088	5,981	0	0	5,981	91	95	68	68				
12046603052220	10/22/2014	BSCI	V-1019	FAIRBORN	\$484,548	2,310	2,363	0	324	2,687	46	46	46	46				
12046603052219	9/4/2014	BSCI	V-1020	FAIRBORN	\$510,455	1,984	3,761	0	673	4,434	81	81	60	60				
12046603052222	8/5/2014	BSCI	V-1031	FAIRBORN	\$1,763,383	11,554	13,974	0	381	14,355	351	354	229	229				
12046603052221	11/10/2014	BSCI	V-1032	DAYTON-FA	\$1,879,780	10,621	8,855	0	460	9,315	267	278	256	256				
13046603052210	11/12/2014	BSCI	V-1044	DAYTON-FA	\$1,604,569	10,924	11,422	0	610	12,032	284	289	288	288				
13046803052210	12/30/2014	BSCI	V-1049	DAYTON-CN	\$666,791	5,228	4,825	0	135	4,960	125	126	116	116				
13046903052213	4/25/2014	BSCI	V-1300	DAYTON-CN	\$472,405	1,924	1,860	25	415	2,300	0	0	0	0				
13046803052215	1/31/2014	BSCI	V-1345	DAYTON-DW	\$209,917	1,252	1,140	0	0	1,140	9	14	12	12				
13048103052213	2/27/2014	BSCI	V-1348	TIPP CITY	\$257,388	2,076	1,845	0	90	1,935	51	51	41	41				
12048103052234	9/29/2014	BSCI	V-138	SIDNEY	\$752,760	6,185	10,672	0	207	10,879	140	144	64	64				
13048103052212	10/2/2014	BSCI	V-1478	TROY	\$441,744	2,735	3,494	0	42	3,536	72	73	55	55				
13048103052210	9/24/2014	BSCI	V-1490	TROY	\$594,795	4,520	4,383	0	325	4,708	116	118	81	81				
14046803052210	10/27/2014	BSCI	V-1562	DAYTON-DW	\$183,544	1,463	1,465	0	15	1,480	40	41	36	36				
14046903052210	3/12/2014	BSCI	V-1563	DAYTON-CN	\$129,844	1,177	1,017	0	0	1,017	9	9	0	0				
14046903052220	7/18/2014	BSCI	V-1586	CENTERVILLE	\$0	0	0	193	0	193	0	0	0	0				
14046803052229	12/5/2014	BSCI	V-1862	DAYTON-DW	\$117,215	616	1,050	0	0	1,050	24	31	21	21				
14046803052233	12/5/2014	BSCI	V-1924	DAYTON-DW	\$112,485	1,000	1,170	0	0	1,170	15	18	18	18				
14046803052231	12/31/2014	BSCI	V-1927	DAYTON-DW	\$77,119	825	850	0	0	850	14	14	11	11				
14046903052212	12/5/2014	BSCI	V-1048	DAYTON-CN	\$1,127,629	8,519	8,215	0	0	8,215	246	250	226	226				
13046903052212	6/11/2014	BSCI	V-378	KETTERING-CN	\$674,583	6,268	6,348	0	0	6,348	155	155	67	67				
11046803052221	9/11/2014	BSCI	V-512	DAYTON-DW	\$1,299,371	7,921	1,938	5,559	130	7,627	77	148	87	87				
11048103052213	6/5/2014	BSCI	V-521	PIQUA	\$928,882	6,805	6,565	0	1,164	7,729	146	147	109	109				
11046803052216	12/30/2014	BSCI	V-526	DAYTON-DW	\$34,815	510	2,500	0	1,440	3,940	3	3	0	0				
12048103052222	5/8/2014	BSCI	V-618	PIQUA	\$748,968	5,932	6,413	0	235	6,648	144	153	84	84				
12048103052219	7/7/2014	BSCI	V-622	PIQUA	\$1,110,753	10,707	9,046	0	393	9,439	192	194	152	152				
12048103052236	9/5/2014	BSCI	V-654	SIDNEY	\$195,793	2,164	1,620	0	0	1,620	50	51	15	15				
12046903052220	10/28/2014	BSCI	V-738	DAYTON-CN	\$965,254	4,295	265	4,547	135	4,947	123	152	92	92				
12046603052212	4/11/2014	BSCI	V-763	CEDARVILLE	\$1,183,036	5,344	9,570	0	537	10,107	140	151	52	52				
12046603052214	6/25/2014	BSCI	V-764	XENIA	\$1,563,958	16,832	16,426	0	277	16,703	353	355	154	154				
12046703052218	12/11/2014	BSCI	V-765	GREENFIELD	\$622,240	4,312	3,275	0	40	3,315	110	115	37	37				
12046903052215	9/29/2014	BSCI	V-769	OAKWOOD	\$962,275	10,405	9,806	285	229	10,320	171	171	156	156				
12046903052214	10/8/2014	BSCI	V-790	OAKWOOD	\$997,410	12,778	8,256	0	61	8,317	183	183	172	172				
12046903052221	8/8/2014	BSCI	V-809	DAYTON-CN	\$863,926	5,888	4,270	865	2,352	7,487	102	105	82	82				
12046903052224	7/29/2014	BSCI	V-817	DAYTON-CN	\$751,735	2,675	433	2,607	1,311	4,351	110	111	79	79				
12048103052230	10/13/2014	BSCI	V-839	COVINGTON	\$558,598	7,236	4,664	0	445	5,109	83	83	25	25				
12046803052226	12/1/2014	BSCI	V-846	DAYTON-DW	\$331,029	3,651	4,140	0	0	4,140	57	67	20	20				
12046903052225	5/17/2014	BSCI	V-855	DAYTON-CN	\$885,306	3,833	5,469	0	50	5,519	143	147	146	146				
13046903052210	12/29/2014	BSCI	V-916	DAYTON-CN	\$648,547	4,362	4,283	0	0	4,283	118	124	124	124				
12048103052239	9/10/2014	BSCI	V-923	TROY	\$741,788	8,447	8,354	0	675	9,029	151	154	94	94				
12048103052235	7/29/2014	BSCI	V-942	COVINGTON	\$366,288	3,069	3,161	0	120	3,281	64	67	38	38				
13048103052225	9/22/2014	BSCI	V-958	SIDNEY	\$185,628	820	1,653	0	467	2,120	36	36	17	17				
12046703052217	12/8/2014	BSCI	V-960	GREENFIELD	\$604,095	5,255	6,814	0	15	6,829	108	114	16	16				
13046803052213	12/18/2014	BSCI	V-974	DAYTON-DW	\$1,018,905	7,547	6,898	0	0	6,898	174	180	168	168				
13048103052217	6/27/2014	BSCI	V-996	SIDNEY	\$150,280	0	1,966	0	0	1,966	78	84	23	23				
BSCI Totals					\$30,186,910		225,057		222,475	14,081	13,753	250,309		5,052	5,282		3,637	3,637
					Miles		42.62		42.14	2.67	2.60	47.41						

2014 VEDO Replacement Program Progress

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						Mains					Services		Meter Move-Outs	
A	B	C	D	E	F	G	H	I	J	K = H+I+J	L	M	N	O
Work Order (Oracle) Number	Completion Date	Category	Group#	City	Utility Plant Additions	Main Installed (Feet)	Total BS and Other Types Retired (Feet)	Total CI Retired (Feet)	Total PL Retired (Feet)	Total Main Retired (Feet)	Total # Services Installed	Total # Services Retired	Total # Meter Move-Outs	Total # Meter Installations Retired
<b>Ineffectively Coated Steel projects:</b>														
13046803051230	4/30/2014	ICS	N/A	DAYTON	\$117,621	624	620	0	0	620	16	16	16	16
13046803050210	3/5/2014	ICS	N/A	DAYTON	\$128,999	750	770	0	20	790	23	3	20	3
14202803050011	8/13/2014	ICS	N/A	MT. STERLING	\$2,241,655	10,841	10,841	0	0	10,841	0	0	0	0
14046903050235	7/7/2014	ICS	N/A	WEST CARROLLTON	\$35,176	170	240	0	0	240	3	3	0	0
<b>ICS Totals</b>					<b>\$2,523,451</b>	<b>12,385</b>	<b>12,471</b>	<b>0</b>	<b>20</b>	<b>12,491</b>	<b>42</b>	<b>22</b>	<b>36</b>	<b>19</b>

2014 VEDO BS/CI Replacement Program  
Plastic Main Retirement Causes

Work Order Number	Completion Date	Group#	City	Size of Main Installed (inches)	Total PL Retired (Feet)	Longest PL Segment Retired (Feet)	Requires Justification?	Comments
12048103052230	10/13/2014	V-839	Covington	2	445	350	No	50FT OF 1" LPPL RETIRED; 350 FT OF 2" LPPL RETIRED; 45 FT OF 4"LPPL RETIRED
12048103052235	7/29/2014	V-942	Covington	2	120	100	No	15' OF 1 1/4" LPPL WAS RETIRED; 5' OF 3"LPPL WAS RETIRED; 100' OF 4"LPPL WAS RETIRED
13046603052210	11/12/2014	V-1044	Dayton	2	610	510	Yes	510' of 4" LPP scheduled for uprate and tested at 90#, the 90# test failed, could not identify the leak locations, more cost effective to replace vs. try to locate the leaks and fix leaks, 510' of 4" Plastic was replaced. 100' of 3" LPP replaced between steel mains.
13046803052210	12/30/2014	V-1049	Dayton	2	135	205	No	INSTALL ADDITIONAL 205 OF 2"MPP, EXISTING 3" MPP DID NOT HOLD TEST FOR THE UPRATE
14046803052210	10/27/2014	V-1562	Dayton	4	15	15	No	
12046903052220	10/28/2014	V-738	Dayton	2	135	80	No	55FT OF 4" LPPL WAS RETIRED, 80FT OF 6"LPPL WAS RETIRED
12046903052221	8/8/2014	V-809	Dayton	2	2,352	1,956	Yes	1956' of 4" LPP was to be uprated and tested at 90 lbs - the 90 lb test did not hold due to mechanical coupling and service tees leaking. It was more cost effective to replace the pipe than to replace the existing fitting. Retired 355' of 2"LPP due to uprate failure.
12046903052224	7/29/2014	V-817	Dayton	2	1,311	660	Yes	660' of 4"LPP was scheduled for uprate to and tested at 90 lbs, existing mechanical couplings and service tees did not hold test, more cost effective to replaced the pipe vs. replacing each fitting. 116' OF 3"LPPL retired; 23' OF 4" LPPL retired
12046903052225	5/17/2014	V-855	Dayton	2	50	50	No	
11046803052221	9/11/2014	V-512	Dayton	2	130	65	No	55FT OF 3"LPPL WAS RETIRED; 65FT OF 4"LPPL WAS RETIRED, 10FT OF 6"LPPL WAS RETIRED
11046803052216	12/30/2014	V-526	Dayton	2	1,440	1,085	Yes	Retirement only -- 1085' OF 6" plastic retired, of which served no customer.
12046603052221	11/10/2014	V-1032	Dayton	2	460	220	No	220' OF 3"LPPL WAS RETIRED LOCATED IN STREET, 115' OF 6" LPPL WAS RETIRED IN CROSSING, 15' OF 3" LPPL WAS RETIRED, 55' OF 6" LPPL WAS RETIRED NO SERVICES, 55' OF 8" LPPL WAS RETIRED STREET CROSSING.
12046603052220	10/22/2014	V-1019	Fairborn	2	324	274	No	50' OF 2" LPPL WAS RETIRED IN STREET, 274' OF 4"LPPL WAS RETIRED TRANSFERED SERVICES TO 3"MPPL
12046603052219	9/4/2014	V-1020	Fairborn	2	673	525	Yes	Replaced 525' of 2' plastic due to sewer conflict, and having 18" cover.
12046603052222	8/5/2014	V-1031	Fairborn	2	381	339	No	122" OF 3" PLASTIC; 339' OF 4" PLASTIC; 16' OF 6" PLASTIC
12046703052218	12/11/2014	V-765	Greenfield	2	40	40	No	
12046703052217	12/8/2014	V-960	Greenfield	2	15	15	No	
12046903052215	9/29/2014	V-769	Oakwood	2	229	149	No	149FT OF 3" LPPL & 80FT OF 4"LPPL DUE TO STREET CROSSINGS
12046903052214	10/8/2014	V-790	Oakwood	2	61	61	No	
11048103052213	6/5/2014	V-521	Piqua	2	1,164	630	Yes	Retirement only -- 30' OF 4" LPP, 175' OF 6" LPP, 191' OF 1 1/4" LPP; 108' OF 2" MPP, 30' OF 8" MPP, 630' OF 4" LPP (services transferred to existing 8" MPP)
12048103052219	7/7/2014	V-622	Piqua	2	393	280	No	48' OF 2"LPPL RETIRED; 65' OF 3"LPPL RETIRED; 280' OF 4"LPPL RETIRED
12048103052234	9/29/2014	V-138	Sidney	2	207	58	No	39' OF 4"LPPL WAS RETIRED; 58' OF 6"MPPL WAS RETIRED
13048103052225	9/22/2014	V-958	Sidney	2	467	351	No	116' OF 4"LPP RETIRED STREET CROSSING, 351' OF 4"LPP SERVICES TRANSFER TO 4" MP STL
13048103052213	2/27/2014	V-1348	Tipp City	2	90	90	No	
13048103052212	10/2/2014	V-1478	Troy	2	42	42	No	
12048103052239	9/10/2014	V-923	Troy	2	675	265	No	135 FT OF 4"LPPL RETIRED;80 FT OF 6"LPPL RETIRED;195FT OF 4"LPPL RETIRED;265FT OF 3" LPPL RETIRED

VEDO 2015 Bare Steel / Cast Iron Replacement Plan

Project Group #	Division	Operating Center	City	Street (First street affected if multiple)	Estimated Install Footage	Estimated Retire Footage	Estimated Project Services	Total Authorized Dollars	Most Recent Construction Est. Start Date	Most Recent Construction Est. Completion Date
V-1001	VEDO	TR	GREENVILLE	HARRISON AVE	4,540	4,455	109	\$604,458	8/31/2015	10/23/2015
V-1003	VEDO	TR	GREENVILLE	WATER ST	3,588	4,453	89	\$521,347	1/16/2015	3/24/2015
V-1005	VEDO	FA	FAIRBORN	HOLMES DR	4,725	5,175	130	\$696,785	5/15/2015	8/1/2015
V-1012	VEDO	TR	GREENVILLE	UNION ST	4,745	6,145	64	\$473,636	2/3/2015	3/20/2015
V-1013	VEDO	TR	GREENVILLE	SPRING ST	1,795	2,445	50	\$297,956	2/25/2015	3/18/2015
V-1021	VEDO	FA	FAIRBORN	WAYNE DR	2,460	3,495	87	\$406,569	4/2/2015	5/18/2015
V-1051	VEDO	FA	DAYTON-FA	FARNHAM AVE	6,500	7,910	158	\$949,208	6/1/2015	7/31/2015
V-1055	VEDO	CN	MIAMISBURG	LINDEN	6,336	8,294	135	\$727,426	2/2/2015	5/15/2015
V-1059	VEDO	DW	DAYTON-DW	CHAPEL AVE.	6,770	9,090	174	\$1,091,194	5/8/2015	8/28/2015
V-1061	VEDO	CN	MIAMISBURG	HEINCKE RD	1,665	2,125	21	\$150,239	3/26/2015	5/20/2015
V-1062	VEDO	CN	MIAMISBURG	LINDEN AVE	9,154	8,388	172	\$905,410	2/13/2015	5/25/2015
V-1122	VEDO	DW	DAYTON-DW	HILLCREST AVE	9,765	8,815	217	\$1,287,835	5/1/2015	8/21/2015
V-1139	VEDO	DW	DAYTON-DW	RIVERSIDE DR	5,605	7,500	179	\$1,159,471	4/22/2015	10/23/2015
V-1240	VEDO	TR	TIPP CITY	FIFTH ST	1,670	5,030	61	\$373,862	2/6/2015	5/1/2015
V-1250	VEDO	TR	TIPP CITY	THIRD ST	2,600	2,970	84	\$433,243	3/9/2015	5/8/2015
V-1251	VEDO	TR	TIPP CITY	SIXTH ST	2,395	2,675	57	\$388,503	1/22/2015	4/9/2015
V-1263	VEDO	TR	PIQUA	ALLEY W. OF MADISON AVE	1,700	1,635	135	\$650,954	3/18/2015	8/28/2015
V-129	VEDO	TR	PIQUA	S. ROOSEVELT AVE.	5,880	9,550	168	\$887,907	5/25/2015	7/31/2015
V-1296	VEDO	TR	PIQUA	GARNEY ST	1,660	1,495	12	\$144,379	3/31/2015	5/27/2015
V-1318	VEDO	CN	KETTERING-CN	DELAINE AVE	11,685	11,385	162	\$1,152,119	4/27/2015	6/29/2015
V-136	VEDO	DW	DAYTON-DW	E. FIRST ST.	4,625	5,175	93	\$700,014	9/25/2015	12/5/2015
V-143	VEDO	DW	DAYTON-DW	LEONARD ST.	6,970	7,360	185	\$1,221,524	6/8/2015	10/24/2015
V-1460	VEDO	TR	VERSAILLES	ALLEY N. OF OAK ST	2,710	3,290	52	\$327,596	4/13/2015	6/20/2015
V-1489	VEDO	CN	DAYTON-CN	XENIA AVE.	7,765	9,270	199	\$1,565,303	5/14/2015	8/29/2015
V-1540	VEDO	FA	DAYTON-FA	DAVIS	250	1,255	9	\$97,359	5/12/2015	5/30/2015
V-1664	VEDO	CN	CENTERVILLE	FRANKLIN ST	10,505	12,685	153	\$1,369,219	4/14/2015	8/11/2015
V-1744	VEDO	DW	DAYTON-DW	HENRY ST.	5,935	5,575	187	\$1,074,579	3/4/2015	4/25/2015
V-1764	VEDO	CN	KETTERING-CN	MIAMI TOWNSHIP RD.	780	730	1	\$82,783	4/27/2015	6/29/2015
V-1913	VEDO	DW	DAYTON-DW	SCOTT ST	1,785	2,765	9	\$167,683	6/1/2015	7/6/2015
V-2028	VEDO	FA	FAIRBORN	N MAPLE	700	1,400	12	\$77,080	6/1/2015	7/6/2015
V-370	VEDO	DW	LEWISBURG	ACKTON AVE.	4,380	6,700	103	\$742,711	6/22/2015	10/9/2015
V-525	VEDO	DW	DAYTON-DW	KENILWORTH AVE	6,480	8,035	259	\$1,493,364	5/21/2015	11/20/2015
V-529	VEDO	DW	DAYTON-DW	THIRD ST.	6,085	6,070	182	\$1,082,137	4/13/2015	8/7/2015
V-559	VEDO	DW	DAYTON-DW	HARBINE	2,805	2,832	68	\$497,627	4/1/2015	4/15/2015
V-771	VEDO	CN	DAYTON-CN	GERMANTOWN PK.	8,055	9,195	121	\$1,034,595	6/23/2015	11/6/2015
V-788	VEDO	TR	PIQUA	ADAMS ST	1,365	2,770	92	\$411,096	4/8/2015	6/12/2015
V-791	VEDO	CN	OAKWOOD	EASEMENT N OF LONSDALE	10,165	10,135	206	\$1,346,676	6/1/2015	11/1/2015
V-792	VEDO	CN	OAKWOOD	EASEMENT N OF ABERDEEN AVE	8,900	3,500	175	\$1,056,050	6/1/2015	11/1/2015
V-794	VEDO	FA	KETTERING-FA	W BATAAN DR	5,429	7,601	152	\$806,407	2/12/2015	4/17/2015
V-795	VEDO	CN	MIAMISBURG	CENTRAL AVE	6,415	9,010	158	\$913,459	9/15/2014	5/1/2015
V-802	VEDO	TR	TROY	CANAL ST.	2,490	4,080	95	\$436,174	11/16/2015	12/30/2015
V-804	VEDO	TR	TROY	SUMMIT ST.	6,930	7,365	145	\$818,316	7/6/2015	11/20/2015
V-813	VEDO	FA	DAYTON-FA	NELSON AVE	2,990	2,900	114	\$570,426	7/28/2015	10/3/2015
V-830	VEDO	CN	KETTERING-CN	HILLVIEW AVE	3,045	3,010	81	\$472,466	6/1/2015	9/1/2015
V-835	VEDO	DW	DAYTON-DW	W FIRST ST	4,020	8,260	72	\$607,960	10/17/2015	12/4/2015
V-917	VEDO	CN	DAYTON-CN	BURNS ST	4,560	5,175	62	\$501,700	8/14/2015	10/30/2015
V-924	VEDO	TR	TROY	WILLIAMS ST	5,045	6,360	139	\$815,632	11/2/2015	12/23/2015
V-929	VEDO	TR	TROY	HOBART DR	3,770	4,165	69	\$465,794	10/19/2015	12/4/2015
V-932	VEDO	TR	PIQUA	FIRST ST	3,495	3,970	143	\$618,718	3/4/2015	5/20/2015
V-934	VEDO	TR	PIQUA	WAYNE ST	4,845	5,645	129	\$660,895	4/17/2015	6/26/2015
<b>Total BS/CI</b>					<b>238,532</b>	<b>279,313</b>	<b>5,729</b>	<b>\$35,337,844</b>		

\* Additional mileage may be retired in 2015 from projects started in 2014.

52.90018939

**VEDO 2015 Ineffectively Coated Steel Replacement Project Plan**

Project ID	Division	Operating Center	City	Street (First street affected if multiple)	Estimated Install Footage	Estimated Retire Footage	Total Authorized Dollars	Most Recent Construction Est. Start Date	Most Recent Construction Est. Completion Date
865	VEDO	TR	Troy	MAPLE ST	1,830	1,830	\$127,575	2/23/2015	3/31/2015
871	VEDO	BF	Russells Point	SEMINOLE SHORE DR	10,525	10,525	\$981,528	1/25/2015	10/31/2015
1279	VEDO	CN	Kettering	WHIPP RD	13,590	13,590	\$1,590,319	5/11/2015	11/20/2015
1317	VEDO	DW	West Manchester	HOLTZMULLER RD	570	570	\$78,941	2/23/2015	2/27/2015
1318	VEDO	DW	Lewisburg	US 127 & LEWISBURG WESTERN RD	300	300	\$25,043	5/11/2015	5/29/2015
<b>Total ICS</b>					<b>26,815</b>	<b>26,815</b>	<b>\$2,803,405</b>		

5.078598485

**VEDO 2014 Service Replacement Cost Summary**

	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)				
	Labor 1	Mat'l 1	Misc 1	OH 1	Subtotal 1	Labor 2	Mat'l 2	Misc 2	OH 2	Subtotal 2	Total Labor	Total Mat'l	Total Misc	Total OH	Grand Total
Curb to Meter	\$0	\$0	\$0	\$0	\$0	\$179,373	\$91,445	\$1,679,692	\$780,204	\$2,730,715	\$179,373	\$91,445	\$1,679,692	\$780,204	\$2,730,715
Main to Curb	\$46,314	\$40,208	\$487,990	\$229,805	\$804,318	\$0	\$0	\$0	\$0	\$0	\$46,314	\$40,208	\$487,990	\$229,805	\$804,318
Main to Meter - Over 200 feet	\$2,062	\$448	\$8,888	\$4,559	\$15,957	\$5,251	\$1,139	\$4,482	\$4,349	\$15,221	\$7,313	\$1,587	\$13,370	\$8,908	\$31,178
Main to Meter - Under 200 feet	\$133,149	\$72,057	\$2,755,280	\$1,184,194	\$4,144,680	\$339,009	\$183,464	\$1,389,296	\$764,708	\$2,676,477	\$472,158	\$255,521	\$4,144,576	\$1,948,902	\$6,821,157
Meter set replacement	\$0	\$0	\$0	\$0	\$0	\$85,395	\$54,162	\$0	\$55,823	\$195,380	\$85,395	\$54,162	\$0	\$55,823	\$195,380
<b>Totals</b>	<b>\$181,525</b>	<b>\$112,713</b>	<b>\$3,252,158</b>	<b>\$1,418,558</b>	<b>\$4,964,955</b>	<b>\$609,029</b>	<b>\$330,210</b>	<b>\$3,073,470</b>	<b>\$1,605,084</b>	<b>\$5,617,793</b>	<b>\$790,554</b>	<b>\$442,923</b>	<b>\$6,325,628</b>	<b>\$3,023,642</b>	<b>\$10,582,748</b>



VEDO Service Replacement Unit Rates and Cost Allocations

Service Replacement Type	Direct labor cost per ft/unit	Direct mat'l cost per ft/unit	Direct labor/mat'l's main to curb %	Direct labor/mat'l's curb to meter %	Misc cost/unit - permit	Misc cost - permit main to curb %	Misc cost - permit curb to meter %	Misc cost/unit - spot holes	Misc cost - spot holes main to curb %	Misc cost - spot holes curb to meter cost %	Misc cost/unit - restoration	Misc cost - restoration main to curb %	Misc cost - restoration curb to meter cost %	Misc cost/unit - sewer locate	Misc cost - sewer locate main to curb %	Misc cost - sewer locate curb to meter cost %
Main to Meter - Over 200 feet	\$7.65	\$1.66	28.2%	71.8%	\$40.80	50.0%	50.0%	\$561.60	100.0%	0.0%	\$540.00	100.0%	0.0%	\$2,200.00	50.0%	50.0%
Main to Meter - Under 200 feet	\$7.65	\$4.14	28.2%	71.8%	\$40.80	50.0%	50.0%	\$561.60	100.0%	0.0%	\$540.00	100.0%	0.0%	\$2,200.00	50.0%	50.0%
Main to Curb	\$317.22	\$275.40	100.0%	0.0%	\$40.80	100.0%	0.0%	\$561.60	100.0%	0.0%	\$540.00	100.0%	0.0%	\$2,200.00	100.0%	0.0%
Curb to Meter	\$8.16	\$4.16	0.0%	100.0%	\$40.80	0.0%	100.0%	\$561.60	0.0%	100.0%	\$540.00	0.0%	100.0%	\$1,789.00	0.0%	100.0%
Meter set replacement	\$482.46	\$306.00	0.0%	100.0%	\$0.00	0.0%	100.0%	\$0.00	0.0%	100.0%	\$0.00	0.0%	100.0%	\$0.00	0.0%	100.0%

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

								Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583								
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)													Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)				
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs				
10730065	OHIO	CN	OH-DAYTON-4268 CORINTH BLVD --- RENEW SERV	2-Jan-14	MDPE	1.00 INCH	Curb to Meter	35	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$286	\$4.16	\$146	\$2,931	\$1,345	\$4,708	\$286	\$146	\$2,931	\$1,345	\$4,708				
11038481	OHIO	CN	OH-WEST CARROLLTON-6062 BIRDWOOD CR ---	2-Jan-14	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$220	\$4.16	\$112	\$2,931	\$1,306	\$4,570	\$220	\$112	\$2,931	\$1,306	\$4,570				
11492059	OHIO	DW	OH-HUBER HEIGHTS-7625 N STAMMILL PL - LEAK REPAIR---	2-Jan-14	MDPE	1.00 INCH	Curb to Meter	48	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$382	\$4.16	\$200	\$2,931	\$1,409	\$4,932	\$382	\$200	\$2,931	\$1,409	\$4,932				
10738374	OHIO	TR	OH-TROY-836 W MAIN ST --- RENEW SERVICE	2-Jan-14	MDPE	1.00 INCH	Main to Curb	40	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509				
11360266	OHIO	DW	OH-UNION-38 GREENCLIFF DR -LEAK REPAIR---	2-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	68	\$2.16	\$147	\$1.17	\$79	\$2,222	\$979	\$3,427	\$5.49	\$374	\$2.97	\$202	\$1,120	\$678	\$2,374	\$520	\$282	\$3,342	\$1,658	\$5,802				
11039193	OHIO	CN	OH-MORAIN-3654 TRAIL ON RD ---SVC RENEWAL	2-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	37	\$2.16	\$80	\$1.17	\$43	\$2,222	\$938	\$3,283	\$5.49	\$203	\$2.97	\$110	\$1,120	\$573	\$2,007	\$283	\$153	\$3,342	\$1,511	\$5,290				
10738211	OHIO	DW	OH-DAYTON-8801 MEEKER RD ---CPG-GSRPLSSS---CPG-GSRPLSSS	2-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373				
10734877	OHIO	TR	OH-TIPP CITY-43 KENT RD ---CPG-LEAKDISC #10734876	3-Jan-14	MDPE	1.00 INCH	Curb to Meter	5	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$41	\$4.16	\$21	\$2,931	\$1,197	\$4,190	\$41	\$21	\$2,931	\$1,197	\$4,190				
11020598	OHIO	CN	OH-WEST CARROLLTON-256 TULIP DR ---SVC RENEWAL	3-Jan-14	MDPE	1.00 INCH	Curb to Meter	69	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$563	\$4.16	\$287	\$2,931	\$1,513	\$5,294	\$563	\$287	\$2,931	\$1,513	\$5,294				
10739862	OHIO	TR	OH-TROY-316 W FRANKLIN ST ---CPG-SERVICE RENEWAL	3-Jan-14	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$343	\$4.16	\$175	\$2,931	\$1,380	\$4,828	\$343	\$175	\$2,931	\$1,380	\$4,828				
10752724	OHIO	DW	OH-HUBER HEIGHTS-6606 GROVEHILL DR -CPG-GSRPLSSS---CPG-GSRPLSSS	6-Jan-14	MDPE	1.00 INCH	Curb to Meter	118	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$963	\$4.16	\$491	\$2,931	\$1,754	\$6,139	\$963	\$491	\$2,931	\$1,754	\$6,139				
10751990	OHIO	FA	OH-DAYTON-1634 SUMAN AVE ---SERVICE RENEWAL	6-Jan-14	MDPE	1.00 INCH	Curb to Meter	2	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$16	\$4.16	\$8	\$2,931	\$1,182	\$4,138	\$16	\$8	\$2,931	\$1,182	\$4,138				
10752569	OHIO	TR	OH-SIDNEY-450 RIVERSIDE DR --- MOVE REG. METER SETTING OUT - REG BAD.	6-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	28	\$2.16	\$60	\$1.17	\$33	\$2,222	\$926	\$3,241	\$5.49	\$154	\$2.97	\$83	\$1,120	\$543	\$1,900	\$214	\$116	\$3,342	\$1,469	\$5,142				
10752699	OHIO	WC	OH-WASHINGTON COURT HOUSE-918 S FAYETTE ST -CPG-GSRPLSSS---LEAK DISC #10744065-REPAIR-CPG	6-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$68	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356				
11465481	OHIO	FA	OH-DAYTON-1634 SUMAN AVE ---LEAK REPAIR	6-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$54	\$2,222	\$954	\$3,359	\$5.49	\$269	\$2.97	\$146	\$1,120	\$642	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488				
10752981	OHIO	TR	OH-TROY-125 S FRANK ST --- NEXT DAY SERVICE RENEWAL	7-Jan-14	MDPE	1.00 INCH	Curb to Meter	67	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$547	\$4.16	\$279	\$2,931	\$1,503	\$5,260	\$479	\$279	\$2,931	\$1,503	\$5,260				
11493624	OHIO	DW	OH-HUBER HEIGHTS-5074 NEBRASKA AVE -LEAK REPAIR---	7-Jan-14	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$343	\$4.16	\$175	\$2,931	\$1,380	\$4,828	\$343	\$175	\$2,931	\$1,380	\$4,828				
10753887	OHIO	WC	OH-SABINA-413 FLORENCE AVE ---SERVICE RENEWAL	7-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	78	\$2.16	\$168	\$1.17	\$91	\$2,222	\$993	\$3,474	\$5.49	\$428	\$2.97	\$232	\$1,120	\$712	\$2,493	\$597	\$323	\$3,342	\$1,705	\$5,967				
10753763	OHIO	FA	OH-DAYTON-2608 BAUER AVE ---SERVICE RENEWAL	7-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	120	\$2.16	\$269	\$1.17	\$140	\$2,222	\$1,048	\$3,669	\$5.49	\$659	\$2.97	\$357	\$1,120	\$854	\$2,991	\$918	\$487	\$3,342	\$1,903	\$6,660				
10755408	OHIO	DW	OH-PHILIPSBURG-11506 N DAYTON GREENVILLE PK - RENEW SERVICE ---	7-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	45	\$2.16	\$97	\$1.17	\$53	\$2,222	\$949	\$3,320	\$5.49	\$247	\$2.97	\$134	\$1,120	\$601	\$2,102	\$344	\$186	\$3,342	\$1,499	\$5,422				
10759006	OHIO	DW	OH-PHILIPSBURG-58 N STATE ST ---RESIZE GAS	7-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	78	\$2.16	\$168	\$1.17	\$91	\$2,222	\$993	\$3,474	\$5.49	\$428	\$2.97	\$232	\$1,120	\$712	\$2,493	\$597	\$323	\$3,342	\$1,705	\$5,967				
10756182	OHIO	DW	OH-PHILIPSBURG-125 E RIDGEWAY DR ---SERVICE RENEWAL	7-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$52	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1,120	\$604	\$2,114	\$352	\$190	\$3,342	\$1,554	\$5,439				
10753844	OHIO	TR	OH-TROY-223 E MAIN ST --- NEXT DAY SERVICE RENEWAL	7-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389				
10756282	OHIO	CN	OH-CENTERVILLE-125 E RIDGEWAY DR --- RENEW SERVICE	8-Jan-14	MDPE	1.00 INCH	Curb to Meter	7	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$67	\$4.16	\$29	\$2,931	\$1,207	\$4,225	\$57	\$29	\$2,931	\$1,207	\$4,225				
11360658	OHIO	DW	OH-DAYTON-43 HOLLENCAMP AVE -LEAK REPAIR---	8-Jan-14	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$367	\$4.16	\$187	\$2,931	\$1,394	\$4,880	\$367	\$187	\$2,931	\$1,394	\$4,880				
10756279	OHIO	CN	OH-CENTERVILLE-115 E RIDGEWAY DR --- RENEW SERVICE	8-Jan-14	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$367	\$4.16	\$187	\$2,931	\$1,394	\$4,880	\$367	\$187	\$2,931	\$1,394	\$4,880				
10756281	OHIO	CN	OH-CENTERVILLE-40 CEMETERY DR --- RENEW SERVICE	8-Jan-14	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$326	\$4.16	\$166	\$2,931	\$1,370	\$4,794	\$326	\$166	\$2,931	\$1,370	\$4,794				
11697713	OHIO	DW	OH-PHILIPSBURG-11421 N STATE ROUTE 49 BLDG --- WATER IN SERVICE REFER FOR SVC RENWL (NOT BR	8-Jan-14	MDPE	1.00 INCH	Main to Curb	14	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509				
10757421	OHIO	DW	OH-PHILIPSBURG-11450 RT 49 - DAYTON GREENVILLE RD --- NEED TO RENEW LONG SIDE STEEL SERV.	8-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$48	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$587	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373				
11034750	OHIO	CN	OH-DAYTON-1035 ARBOR AVE ---RENEW SERVICE	8-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	56	\$2.16	\$121	\$1.17	\$65	\$2,222	\$963	\$3,371	\$5.49	\$308	\$2.97	\$166	\$1,120	\$638	\$2,232	\$428	\$232	\$3,342	\$1,601	\$5,604				
10758514	OHIO	DW	OH-DAYTON-488 MOOREWOOD CR -CPG-GSRPLSSS---CPG-GSRPLSSS	8-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	66	\$2.16	\$142	\$1.17	\$77	\$2,222	\$977	\$3,418	\$5.49	\$363	\$2.97	\$196	\$1,120	\$672	\$2,351	\$505	\$273	\$3,342	\$1,648	\$5,769				
10757420	OHIO	DW	OH-PHILIPSBURG-54 N STATE ST --- NEED TO RENEW LONG SIDE STEEL SERV.	8-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356				
10757349	OHIO	DW	OH-PHILIPSBURG-11394 RT 49 - DAYTON GREENVILLE RD --- R/N SERVICE	8-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	108	\$2.16	\$233	\$1.17	\$126	\$2,222	\$1,032	\$3,614	\$5.49	\$593	\$2.97	\$321	\$1,120	\$814	\$2,849	\$826	\$447	\$3,342	\$1,846	\$6,462				
10757333	OHIO	DW	OH-PHILIPSBURG-62 N STATE ST --- R/N SERV	8-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,537	\$4,679				
11020327	OHIO	CN	OH-DAYTON-14 SOUTH NORTHAMPTON AVENUE ---SRV RENEWAL	8-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	36	\$2.16	\$78	\$1.17	\$42	\$2,222	\$937	\$3,278	\$5.49	\$198	\$2.97	\$107	\$1,120	\$570	\$1,995	\$217	\$119	\$3,342	\$1,577	\$4,960				
10212879	OHIO	CN	OH-KETTERING-940 E STROOD RD BLDG ---SVC RENEWAL	8-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	60	\$2.16	\$129	\$1.17	\$70	\$2,222	\$969	\$3,390	\$5.49	\$330	\$2.97	\$178	\$1,120	\$651	\$2,260	\$459	\$248	\$3,342	\$1,620	\$5,670				
10297895	OHIO	DW	OH-DAYTON-185 LEXSALE AVE ---RESIZE GAS	8-Jan-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104				
11276839	OHIO	CN	OH-WASHINGTON COURT HOUSE-703 E PAINT ST -LEAK REPAIR---	9-Jan-14	MDPE	1.00 INCH	Curb to Meter	44	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$359	\$4.16	\$183	\$2,931	\$1,389	\$4,863	\$359	\$183	\$2,931	\$1,389	\$4,863				
10758560	OHIO	DW	OH-DAYTON-133 LINGAN CT --- GAS SERVICE RENEWAL	9-Jan-14	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$367	\$4.16	\$187	\$2,931	\$1,394	\$4,880	\$367	\$187	\$2,931	\$1,394	\$4,880				
11206597	OHIO	WC	OH-GREENFIELD-753 SPRING ST -LEAK REPAIR---	9-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472				
11480823	OHIO	WC	OH-GREENFIELD-12420 LOVER'S LN -LEAK REPAIR---	9-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	115	\$2.16	\$248	\$1.17	\$134	\$2,222	\$1,042	\$3,646	\$5.49	\$6363														

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583	
										Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)							
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs
11206015	OHIO	WC	OH-WASHINGTON COURT HOUSE-527 EASTERN AVE -LEAK-REPAIR---	14-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	45	\$2.16	\$97	\$1.17	\$53	\$2,222	\$949	\$3,320	\$5.49	\$247	\$2.97	\$134	\$1,120	\$601	\$2,102	\$344	\$186	\$3,342	\$1,549	\$5,422
11211657	OHIO	CN	OH-DAYTON-2600 HAZEL AVE -LEAK-REPAIR---	14-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	66	\$2.16	\$142	\$1.17	\$77	\$2,222	\$977	\$3,418	\$5.49	\$363	\$2.97	\$196	\$1,120	\$672	\$2,351	\$505	\$273	\$3,342	\$1,648	\$5,789
11020424	OHIO	CN	OH-KETTERING-4205 PENNWAY AVE --SERVICE RENEWAL- LOCATE CLEARS 1/34	14-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	13	\$2.16	\$28	\$1.17	\$15	\$2,222	\$906	\$3,171	\$5.49	\$71	\$2.97	\$39	\$1,120	\$492	\$1,723	\$99	\$54	\$3,342	\$1,386	\$4,894
11456468	OHIO	FA	OH-BEAVERCREK-3837 WINTHROP DR -LEAK-REPAIR---	15-Jan-14	MDPE	1.00 INCH	Curb to Meter	43	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$351	\$4.16	\$179	\$2,931	\$1,384	\$4,846	\$351	\$179	\$2,931	\$1,384	\$4,846
11044443	OHIO	BF	OH-LAKEVIEW-140 S PINE ST ---CPG-LEAKDISC #10771336	15-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	40	\$2.16	\$86	\$1.17	\$47	\$2,222	\$942	\$3,297	\$5.49	\$220	\$2.97	\$119	\$1,120	\$584	\$2,043	\$306	\$166	\$3,342	\$1,526	\$5,340
9113692	OHIO	DW	OH-DAYTON-417 E THIRD ST ---RESIZE GAS	15-Jan-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11485610	OHIO	DW	OH-VANDALIA-851 MEYERS CT -LEAK-REPAIR---	16-Jan-14	MDPE	1.00 INCH	Curb to Meter	41	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$335	\$4.16	\$171	\$2,931	\$1,375	\$4,811	\$335	\$171	\$2,931	\$1,375	\$4,811
11298134	OHIO	DW	OH-EATON-120 W SPRING ST -LEAK-REPAIR---	16-Jan-14	MDPE	1.00 INCH	Main to Curb	11	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509
11283582	OHIO	CN	OH-DAYTON-6850 SAINT LAURENT CIR -LEAK-REPAIR---	16-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	150	\$2.16	\$324	\$1.17	\$175	\$2,222	\$1,088	\$3,809	\$5.49	\$824	\$2.97	\$446	\$1,120	\$956	\$3,346	\$1,148	\$621	\$3,342	\$2,044	\$7,155
11493781	OHIO	DW	OH-DAYTON-356 KENWOOD AVE -LEAK-REPAIR---	16-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	71	\$2.16	\$153	\$1.17	\$83	\$2,222	\$983	\$3,441	\$5.49	\$390	\$2.97	\$211	\$1,120	\$689	\$2,410	\$543	\$294	\$3,342	\$1,672	\$5,851
11493782	OHIO	DW	OH-DAYTON-357 KENWOOD AVENUE -LEAK-REPAIR---	16-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,327	\$367	\$199	\$3,342	\$1,563	\$5,472
10946474	OHIO	TR	OH-GREENVILLE-523 EUCUD AVE ---CPG-LEAKDISC #4798206	16-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	32	\$2.16	\$69	\$1.17	\$37	\$2,222	\$931	\$3,260	\$5.49	\$176	\$2.97	\$95	\$1,120	\$557	\$1,948	\$245	\$132	\$3,342	\$1,488	\$5,208
10569343	OHIO	FA	OH-DAYTON-2495 COMMONS BLVD UNIT C4---RESZG	16-Jan-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11046659	OHIO	TR	OH-GREENVILLE-745 CENTRAL AVE ---CPG-LEAKDISC #10778347	17-Jan-14	MDPE	1.00 INCH	Curb to Meter	61	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$498	\$4.16	\$254	\$2,931	\$1,473	\$5,156	\$498	\$254	\$2,931	\$1,473	\$5,156
10781102	OHIO	TR	OH-TIPP CITY-965 MICHAELS RD ---CPG-LEAKDISC #10781082	17-Jan-14	MDPE	1.00 INCH	Curb to Meter	47	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$384	\$4.16	\$196	\$2,931	\$1,404	\$4,915	\$384	\$196	\$2,931	\$1,404	\$4,915
11493774	OHIO	DW	OH-DAYTON-1820 EMERSON AVE ---	17-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	75	\$2.16	\$162	\$1.17	\$88	\$2,222	\$989	\$3,460	\$5.49	\$412	\$2.97	\$223	\$1,120	\$702	\$2,457	\$574	\$311	\$3,342	\$1,691	\$5,917
11044443	OHIO	BF	OH-DAYTON-12302 STATE ROUTE 720---CPG-LEAKDISC #10780225	17-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	68	\$2.16	\$147	\$1.17	\$79	\$2,222	\$979	\$3,427	\$5.49	\$274	\$2.97	\$202	\$1,120	\$678	\$2,374	\$520	\$282	\$3,342	\$1,658	\$5,802
11283556	OHIO	CN	OH-MARIENBURG-10000 INNOVATION DR -LEAK-REPAIR---	17-Jan-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11231575	OHIO	FA	OH-FARBORN-1320 MERIBROOK DR -LEAK-REPAIR---	18-Jan-14	MDPE	1.00 INCH	Curb to Meter	88	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$718	\$4.16	\$366	\$2,931	\$1,606	\$5,622	\$718	\$366	\$2,931	\$1,606	\$5,622
10782177	OHIO	DW	OH-DAYTON-5037 ROCKLAND DR -CPG-GSRPLSL5---CPG-LEAK DISC #10782157	18-Jan-14	MDPE	1.00 INCH	Curb to Meter	51	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$416	\$4.16	\$212	\$2,931	\$1,424	\$4,984	\$416	\$212	\$2,931	\$1,424	\$4,984
10782198	OHIO	DW	OH-DAYTON-5029 ROCKLAND DR -CPG-GSRPLSL5---CPG-GSRPLSL5	18-Jan-14	STEEL	1.00 INCH	Curb to Meter	72	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$588	\$4.16	\$300	\$2,931	\$1,527	\$5,346	\$588	\$300	\$2,931	\$1,527	\$5,346
10783402	OHIO	TR	OH-GREENVILLE-503 E WATER ST --- RENEW CUSTOMER SERVICE	20-Jan-14	MDPE	1.00 INCH	Curb to Meter	75	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$612	\$4.16	\$312	\$2,931	\$1,542	\$5,398	\$612	\$312	\$2,931	\$1,542	\$5,398
11055511	OHIO	TR	OH-GREENVILLE-410 SPRING ST ---CPG-LEAKDISC #10780183	20-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373
11366754	OHIO	DW	OH-DAYTON-1212 MT. VERNON AVE -LEAK-REPAIR---	20-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	89	\$2.16	\$192	\$1.17	\$104	\$2,222	\$1,007	\$3,525	\$5.49	\$489	\$2.97	\$265	\$1,120	\$750	\$2,623	\$681	\$368	\$3,342	\$1,757	\$6,148
11061046	OHIO	FA	OH-JACKSON-141 E LEMAY AVE -LEAK-REPAIR---	20-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$254	\$2.97	\$143	\$1,120	\$611	\$2,327	\$367	\$199	\$3,342	\$1,563	\$5,472
11493685	OHIO	DW	OH-DAYTON-1920 VALLEY -LEAK-REPAIR---	20-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,559	\$5,455
10784301	OHIO	FA	OH-MIDWAY-316 PARK -CPG-GSRPLSL5---LEAK DISC #10783450-LOCATE CLEARS 1/3-LEAK-REPAIR-CPG<	20-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373
10784663	OHIO	BF	OH-LAKEVIEW-290 BENTZ AVE ---CPG-LEAKDISC #10776495	20-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	16	\$2.16	\$35	\$1.17	\$19	\$2,222	\$910	\$3,185	\$5.49	\$88	\$2.97	\$48	\$1,120	\$502	\$1,758	\$122	\$66	\$3,342	\$1,412	\$4,943
11493642	OHIO	DW	OH-DAYTON-1920 VALLEY ST -LEAK-REPAIR---	20-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	103	\$2.16	\$222	\$1.17	\$120	\$2,222	\$1,026	\$3,590	\$5.49	\$566	\$2.97	\$306	\$1,120	\$797	\$2,789	\$788	\$426	\$3,342	\$1,823	\$6,379
9061934	OHIO	DW	OH-DAYTON-53 KISER ST --- CURB VALVE BLEEDING THROUGH	20-Jan-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$899	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,569	\$4,679
10580444	OHIO	CN	OH-DAYTON-5024 ACKERMAN BLVD ---RESZG	21-Jan-14	MDPE	1.00 INCH	Curb to Meter	82	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$669	\$4.16	\$341	\$2,931	\$1,577	\$5,518	\$669	\$341	\$2,931	\$1,577	\$5,518
11493656	OHIO	TR	OH-MINSTER-124 N FRANKFORT ST ---CPG-LEAKDISC #107841608	21-Jan-14	MDPE	1.00 INCH	Curb to Meter	157	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$1,281	\$4.16	\$653	\$2,931	\$1,946	\$8,112	\$1,281	\$653	\$2,931	\$1,946	\$8,112
10759590	OHIO	CN	OH-CENTERVILLE-125 E RIDGEWAY DR --- SERVICE RENEW	21-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$254	\$2.97	\$143	\$1,120	\$611	\$2,327	\$367	\$199	\$3,342	\$1,563	\$5,472
11362327	OHIO	DW	OH-HUBER HEIGHTS-5696 BETH RD -LEAK-REPAIR---	22-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	8	\$2.16	\$17	\$1.17	\$9	\$2,222	\$899	\$3,148	\$5.49	\$44	\$2.97	\$24	\$1,120	\$475	\$1,663	\$61	\$33	\$3,342	\$1,375	\$4,811
11360649	OHIO	DW	OH-DAYTON-42 BALTIMORE ST -LEAK-REPAIR---	23-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488
11362728	OHIO	DW	OH-TROTWOOD-1618 HONEYBEE DR -LEAK-REPAIR---	23-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	69	\$2.16	\$149	\$1.17	\$81	\$2,222	\$981	\$3,432	\$5.49	\$379	\$2.97	\$205	\$1,120	\$682	\$2,386	\$528	\$286	\$3,342	\$1,662	\$5,818
10778280	OHIO	BF	OH-LAKEVIEW-190 STATE ROUTE 720 --- RENEW SERVICE	23-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356
11360657	OHIO	DW	OH-DAYTON-42 BALTIMORE ST -LEAK-REPAIR---	23-Jan-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	29	\$2.16	\$63	\$1.17	\$34	\$2														

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):																													
										\$182		\$113		\$3,252		\$1,419		\$4,965		\$609		\$330		\$3,073		\$1,605		\$5,618		\$791		\$443		\$6,326		\$3,024		\$10,583	
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)										Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)															
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs												
11495035	OHIO	DW	OH-DAYTON-171 E HILLCREST AVE -LEAK-REPAIR---	4-Feb-14	MDPE	1.00 INCH	Curb to Meter	47	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$384	\$4.16	\$196	\$2.93	\$1,404	\$4,915	\$384	\$196	\$2,931	\$1,404	\$4,915											
11495158	OHIO	DW	OH-CAMDEN-53 N LIBERTY ST -LEAK-REPAIR---	4-Feb-14	MDPE	1.00 INCH	Curb to Meter	84	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$685	\$4.16	\$348	\$2.93	\$1,587	\$5,553	\$685	\$348	\$2,931	\$1,587	\$5,553											
11496244	OHIO	DW	OH-VANDALIA-824 SPARTAN -LEAK-REPAIR---	4-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472												
11048815	OHIO	CN	OH-WAYNESVILLE-668 ROBINDALE DR ---SVC RENEWAL	4-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	76	\$2.16	\$164	\$1.17	\$89	\$2,222	\$990	\$3,465	\$5.49	\$417	\$2.97	\$226	\$1,120	\$706	\$2,469	\$581	\$315	\$3,342	\$1,695	\$5,934												
11368079	OHIO	DW	OH-ENGLEWOOD-701 FALLVIEW AVE -LEAK-REPAIR---	5-Feb-14	MDPE	1.00 INCH	Curb to Meter	25	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$204	\$4.16	\$104	\$2.93	\$1,296	\$4,535	\$204	\$104	\$2,931	\$1,296	\$4,535											
10896704	OHIO	DW	OH-DAYTON-213 MARATHON AVE --- SERVICE NEEDS TO BE RENEWED AND MOVED OUTSIDE	6-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	53	\$2.16	\$114	\$1.17	\$62	\$2,222	\$959	\$3,357	\$5.49	\$291	\$2.97	\$158	\$1,120	\$628	\$2,197	\$405	\$219	\$3,342	\$1,587	\$5,554												
11276847	OHIO	FA	OH-XENIA-968 W SECOND ST -LEAK-REPAIR---	6-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389												
11494979	OHIO	DW	OH-DAYTON-2200 DEERING AVE -LEAK-REPAIR---	7-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	108	\$2.16	\$233	\$1.17	\$126	\$2,222	\$1,032	\$3,614	\$5.49	\$93	\$2.97	\$321	\$1,120	\$814	\$2,849	\$826	\$447	\$3,342	\$1,846	\$6,462												
10907108	OHIO	FA	OH-BEAVERCREEK-2587 COMMONS BLVD ---RESZG	7-Feb-14	N/A	OTHER	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104											
10482046	OHIO	CN	OH-DAYTON-4860 SPRINGDALE PKWY ---	7-Feb-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104											
10915737	OHIO	FA	OH-XENIA-1062 W SECOND ST -CPG-GSRPLSS--- CPG-GSRPLSS	8-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	10	\$2.16	\$22	\$1.17	\$12	\$2,222	\$902	\$3,157	\$5.49	\$55	\$2.97	\$30	\$1,120	\$482	\$1,687	\$77	\$41	\$3,342	\$1,384	\$4,844												
10916917	OHIO	TR	OH-PLEASANT HILL-15 N MAIN ST---CPG-LEAKDISC #10916897	9-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356												
11278676	OHIO	FA	OH-JAMESTOWN-49 E ADAMS ST -LEAK-REPAIR---	10-Feb-14	MDPE	1.00 INCH	Curb to Meter	52	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$424	\$4.16	\$216	\$2.93	\$1,429	\$5,001	\$424	\$216	\$2,931	\$1,429	\$5,001											
11498394	OHIO	DW	OH-DAYTON-4667 ANNAPOLIS AVE -LEAK-REPAIR---	10-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	77	\$2.16	\$166	\$1.17	\$90	\$2,222	\$991	\$3,469	\$5.49	\$423	\$2.97	\$229	\$1,120	\$709	\$2,481	\$589	\$319	\$3,342	\$1,700	\$5,950												
11178614	OHIO	TR	OH-TROY-1030 LEE -LEAK-REPAIR---	10-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	65	\$2.16	\$140	\$1.17	\$76	\$2,222	\$975	\$3,413	\$5.49	\$357	\$2.97	\$193	\$1,120	\$668	\$2,339	\$497	\$269	\$3,342	\$1,644	\$5,752												
10014219	OHIO	FA	OH-CEADARVILLE-200 N MAIN ST ---RESIZE GAS	10-Feb-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104											
10417631	OHIO	DW	OH-DAYTON-143 W FAIRVIEW AVE ---RESZG	10-Feb-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104											
11276842	OHIO	FA	OH-JAMESTOWN-51 NELSON ST -LEAK-REPAIR---	11-Feb-14	MDPE	1.00 INCH	Curb to Meter	46	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$375	\$4.16	\$191	\$2.93	\$1,399	\$4,897	\$375	\$191	\$2,931	\$1,399	\$4,897											
10653605	OHIO	TR	OH-PIQUA-637 S WAYNE ST --- SERVICE REPLACEMENT NEXT DAY	12-Feb-14	MDPE	1.00 INCH	Curb to Meter	17	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$139	\$4.16	\$71	\$2.93	\$1,256	\$4,397	\$139	\$71	\$2,931	\$1,256	\$4,397											
11181002	OHIO	CN	OH-DAYTON-1820 FARR HILLS AVE -LEAK-REPAIR---	12-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	80	\$2.16	\$173	\$1.17	\$93	\$2,222	\$995	\$3,483	\$5.49	\$439	\$2.97	\$238	\$1,120	\$719	\$2,517	\$612	\$331	\$3,342	\$1,714	\$6,000												
11610413	OHIO	DW	OH-DAYTON-515 DAKOTA ST -LEAK-REPAIR---	12-Feb-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$482	\$1,569	\$0	\$0	\$3,342	\$1,429	\$3,479												
10754109	OHIO	TR	OH-PIQUA-770 GORDON ST---CPG-LEAKDISC #10927826	13-Feb-14	MDPE	1.00 INCH	Curb to Meter	56	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104											
10923480	OHIO	CN	OH-WEST CARROLLTON-417 COTTAGE AVE --- SERVICE RENEWAL	13-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	40	\$2.16	\$86	\$1.17	\$47	\$2,222	\$942	\$3,297	\$5.49	\$220	\$2.97	\$119	\$1,120	\$584	\$2,043	\$306	\$166	\$3,342	\$1,526	\$5,340												
11181040	OHIO	FA	OH-PIQUA-28 EDGAR AVE -LEAK-REPAIR---	13-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3,342	\$1,592	\$5,571												
11494900	OHIO	DW	OH-HUBER HEIGHTS-7160 CROWN DR -LEAK-REPAIR---	13-Feb-14	MDPE	0.50 INCH	Main to Meter - Under 200 feet	62	\$2.16	\$134	\$1.17	\$72	\$2,222	\$971	\$3,399	\$5.49	\$31	\$2.97	\$184	\$1,120	\$658	\$2,303	\$744	\$257	\$3,342	\$1,628	\$5,703												
11176860	OHIO	BF	OH-HUNTSVILLE-10059 BUCKEYE DR -LEAK-REPAIR---	14-Feb-14	MDPE	1.00 INCH	Curb to Meter	28	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$228	\$4.16	\$116	\$2.93	\$1,311	\$4,587	\$228	\$116	\$2,931	\$1,311	\$4,587											
10925473	OHIO	CN	OH-OKARKWOOD-237 TELFORD AVE --- SEVERE PITTING ON SERVICE "NEXT DAY SERVICE REPLACEMENT"	14-Feb-14	MDPE	1.00 INCH	Curb to Meter	28	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$228	\$4.16	\$116	\$2.93	\$1,311	\$4,587	\$228	\$116	\$2,931	\$1,311	\$4,587											
11236176	OHIO	CN	OH-FAIRBORN-2170 NATIONAL RD -LEAK-REPAIR---	14-Feb-14	MDPE	1.00 INCH	Curb to Meter	39	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$318	\$4.16	\$162	\$2.93	\$1,365	\$4,777	\$318	\$162	\$2,931	\$1,365	\$4,777											
10942015	OHIO	DW	OH-DAYTON-808 SUNNVIEW AVE -CPG-GSRPLSS--- CPG-GSRPLSS	15-Feb-14	MDPE	1.00 INCH	Curb to Meter	49	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$404	\$4.16	\$204	\$2.93	\$1,414	\$4,949	\$404	\$204	\$2,931	\$1,414	\$4,949											
10943057	OHIO	FA	OH-KETTERING-2407 SPRINGMONT -CPG-GSRPLSS--- CPG-GSRPLSS	17-Feb-14	MDPE	1.00 INCH	Curb to Meter	52	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$444	\$4.16	\$226	\$2.93	\$1,429	\$5,001	\$424	\$216	\$2,931	\$1,429	\$5,001											
10943125	OHIO	TR	OH-CENTERVILLE-7796 WASHINGTON VILLAGE DR -CPG-GSRPLSS--- CPG-GSRPLSS	17-Feb-14	MDPE	1.00 INCH	Main to Curb	5	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$1,574	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509											
11177975	OHIO	CN	OH-DAYTON-1145 KEMPER AVENUE -LEAK-REPAIR---	17-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	69	\$2.16	\$149	\$1.17	\$81	\$2,222	\$981	\$3,432	\$5.49	\$379	\$2.97	\$205	\$1,120	\$682	\$2,386	\$528	\$286	\$3,342	\$1,662	\$5,818												
10884066	OHIO	DW	OH-ENGLEWOOD-4720 BALDWIN HILLS DR --- SERVICE NEEDS TO BE RENEWED DO TO UNVENTED REGULA	17-Feb-14	MDPE	0.50 INCH	Main to Meter - Under 200 feet	40	\$2.16	\$86	\$1.17	\$47	\$2,222	\$942	\$3,297	\$5.49	\$220	\$2.97	\$119	\$1,120	\$584	\$2,043	\$306	\$166	\$3,342	\$1,526	\$5,340												
11176400	OHIO	BF	OH-BELLEFONTAINE-600 FLORENCE AVE -LEAK-REPAIR---	17-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,556	\$5,455												
10877280	OHIO	TR	OH-ITHACA-625 MAIN ST --- INSTALLE NEW GAS SERVICE	18-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	109	\$2.16	\$235	\$1.17	\$127	\$2,222	\$1,034	\$3,618	\$5.49	\$599	\$2.97	\$324	\$1,120	\$817	\$2,860	\$834	\$451	\$3,342	\$1,851	\$6,479												
11540062	OHIO	DW	OH-LEWISBURG-231 CLAY -LEAK-REPAIR---	19-Feb-14	MDPE	1.00 INCH	Curb to Meter	64	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$522	\$4.16	\$266	\$2.93	\$1,488	\$5,208	\$522	\$266	\$2,931	\$1,488	\$5,208											
10946910	OHIO	CN	OH-GERMANTOWN-33 S HILLCREST --- MOVE METER OUTSIDE DUE TO UNVENTED REGULATOR INSIDE PA	19-Feb-14	MDPE	1.00 INCH	Curb to Meter	55	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$449	\$4.16	\$229	\$2.93	\$1,444	\$5,053	\$449	\$229	\$2,931	\$1,444	\$5,053											
11178900	OHIO	TR	OH-ARCAMOUS-405 W. SOUTH STREET -LEAK-REPAIR---	19-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	8	\$2.16	\$17	\$1.17	\$9	\$2,222	\$899	\$3,148	\$5.49	\$44	\$2.97	\$24	\$1,120	\$475	\$1,663	\$61	\$33	\$3,342	\$1,775	\$4,911												
11201223	OHIO	FA	OH-JAMESTOWN-9 N BUCKLEY AVE -LEAK-REPAIR---	19-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	55	\$2.16	\$119	\$1.17	\$64	\$2,222	\$962	\$3,367	\$5.49	\$402	\$2.97	\$163	\$1,120	\$634	\$2,220	\$421	\$228	\$3,342	\$1,586	\$5,887												
10949484	OHIO	FA	OH-XENIA-1094 W SECOND ST -CPG-GSRPLSS---RENEWAL-LEAK-REPAIR-CPG-GSRPLSS	19-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174															

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

								Totals (\$000s):																																	
								\$182		\$113		\$3,252		\$1,419		\$4,965		\$609		\$330		\$3,073		\$1,605		\$5,618		\$791		\$443		\$6,326		\$3,024		\$10,583					
								Main to Curb (Non-Incremental)												Curb to Meter (Incremental)																		Subtotal main to curb		Subtotal curb to meter	
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs															
10995228	OHIO	DW	OH-DAYTON-255 & 257 DELAWARE AVE *** NEXT DAY SERVICE REPLACEMENT (DOUBLE)	25-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	12	\$2.16	\$26	\$1.17	\$14	\$2,222	\$905	\$3,167	\$5.49	\$66	\$2.97	\$36	\$1,120	\$489	\$1,711	\$92	\$50	\$3,342	\$1,394	\$4,877														
10998400	OHIO	DW	OH-DAYTON-4025 WEST SECOND STREET *** SERVICE RENEWAL	26-Feb-14	MDPE	1.00 INCH	Curb to Meter	37	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$302	\$4.16	\$154	\$2.931	\$1,355	\$4,742	\$302	\$154	\$2,931	\$1,355	\$4,742														
11496313	OHIO	DW	OH-DAYTON-5144 WAGGONA FOND DR -LEAK-REPAIR***	26-Feb-14	MDPE	1.00 INCH	Curb to Meter	10	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$82	\$4.16	\$42	\$2.931	\$1,222	\$4,276	\$82	\$42	\$2,931	\$1,222	\$4,276														
11007155	OHIO	DW	OH-EATON-516 N MAPLE ST *** RENEWED CURT SERVICE	26-Feb-14	MDPE	1.00 INCH	Curb to Meter	15	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$122	\$4.16	\$62	\$2.931	\$1,246	\$4,363	\$122	\$62	\$2,931	\$1,246	\$4,363														
11174219	OHIO	TR	OH-PIQUA-636 GORDON ST -LEAK-REPAIR***	26-Feb-14	MDPE	1.00 INCH	Curb to Meter	34	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$277	\$4.16	\$141	\$2.931	\$1,340	\$4,690	\$277	\$141	\$2,931	\$1,340	\$4,690														
11276855	OHIO	FA	OH-MEDWAY-12217 WELLINGTON AVE ALY -LEAK-REPAIR***	26-Feb-14	MDPE	1.00 INCH	Curb to Meter	41	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$335	\$4.16	\$171	\$2.931	\$1,375	\$4,811	\$335	\$171	\$2,931	\$1,375	\$4,811														
11258205	OHIO	CN	OH-DAYTON-3710 WEST THIRD -LEAK-REPAIR***	26-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	90	\$2.16	\$194	\$1.17	\$105	\$2,222	\$1,008	\$3,530	\$5.49	\$494	\$2.97	\$268	\$1,120	\$753	\$2,635	\$689	\$373	\$3,342	\$1,761	\$6,165														
11497208	OHIO	DW	OH-CAMDEN-180 COTTAGE ST -LEAK-REPAIR***	26-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	5	\$2.16	\$11	\$1.17	\$6	\$2,222	\$895	\$3,134	\$5.49	\$47	\$2.97	\$15	\$1,120	\$465	\$1,628	\$38	\$21	\$3,342	\$1,361	\$4,762														
11270901	OHIO	CN	OH-KETTERING-933 DONKSON DR -LEAK-REPAIR***	26-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	88	\$2.16	\$190	\$1.17	\$103	\$2,222	\$1,006	\$3,520	\$5.49	\$483	\$2.97	\$262	\$1,120	\$746	\$2,611	\$673	\$364	\$3,342	\$1,752	\$6,132														
11494851	OHIO	DW	OH-CAMDEN-182 COTTAGE ST -LEAK-REPAIR***	26-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	15	\$2.16	\$32	\$1.17	\$18	\$2,222	\$909	\$3,181	\$5.49	\$82	\$2.97	\$45	\$1,120	\$499	\$1,746	\$115	\$62	\$3,342	\$1,408	\$4,927														
11496165	OHIO	DW	OH-HUBER HEIGHTS-66563 MILLHOFF DR -LEAK-REPAIR***	27-Feb-14	MDPE	1.00 INCH	Curb to Meter	76	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$620	\$4.16	\$316	\$2,931	\$1,547	\$5,415	\$620	\$316	\$2,931	\$1,547	\$5,415														
11498609	OHIO	DW	OH-EATON-1719 N BARRON ST -LEAK-REPAIR***	27-Feb-14	MDPE	1.00 INCH	Curb to Meter	39	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$318	\$4.16	\$162	\$2,931	\$1,365	\$4,777	\$318	\$162	\$2,931	\$1,365	\$4,777														
11369024	OHIO	DW	OH-DAYTON-5312 HILGFORD DR -LEAK-REPAIR***	27-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	31	\$2.16	\$67	\$1.17	\$36	\$2,222	\$930	\$3,255	\$5.49	\$170	\$2.97	\$92	\$1,120	\$553	\$1,936	\$237	\$128	\$3,342	\$1,483	\$5,191														
11056032	OHIO	TR	OH-NEW MADISON-131 JEFFERSON ST ***CPG-LEAKDISC #11008220	27-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	50	\$2.16	\$108	\$1.17	\$58	\$2,222	\$955	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$383	\$207	\$3,342	\$1,573	\$5,505														
11013413	OHIO	FA	OH-FAIRBORN-162 DIANA LN N-CPG-GSRPLSSS***LEAK-REPAIR-CPG-GSRPLSSS	27-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,559	\$5,455														
10504832	OHIO	CN	OH-KETTERING-4839 ROYAL RIDGE WAY ***RESZG	27-Feb-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104														
11496246	OHIO	DW	OH-HUBER HEIGHTS-4629 NOWAK AVE -LEAK-REPAIR***	28-Feb-14	MDPE	1.00 INCH	Curb to Meter	48	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$382	\$4.16	\$202	\$2,931	\$1,409	\$4,932	\$382	\$202	\$2,931	\$1,409	\$4,932														
11229497	OHIO	FA	OH-SPRING VALLEY-205 E MAIN ST -LEAK-REPAIR***	28-Feb-14	MDPE	1.00 INCH	Curb to Meter	38	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$310	\$4.16	\$158	\$2,931	\$1,360	\$4,759	\$310	\$158	\$2,931	\$1,360	\$4,759														
11258198	OHIO	CN	OH-CENTERVILLE-190 N VILLAGE DR -LEAK-REPAIR***	28-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	55	\$2.16	\$119	\$1.17	\$64	\$2,222	\$962	\$3,367	\$5.49	\$302	\$2.97	\$163	\$1,120	\$634	\$2,220	\$421	\$228	\$3,342	\$1,506	\$5,587														
11367492	OHIO	DW	OH-DAYTON-1638 NEWTON AVE -LEAK-REPAIR***	28-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	82	\$2.16	\$177	\$1.17	\$96	\$2,222	\$998	\$3,492	\$5.49	\$450	\$2.97	\$244	\$1,120	\$726	\$2,540	\$627	\$339	\$3,342	\$1,724	\$6,033														
11276854	OHIO	CN	OH-KETTERING-354 GREENBELT AVE -LEAK-REPAIR***	28-Feb-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	38	\$2.16	\$82	\$1.17	\$44	\$2,222	\$939	\$3,288	\$5.49	\$209	\$2.97	\$113	\$1,120	\$577	\$2,019	\$291	\$157	\$3,342	\$1,516	\$5,307														
11017822	OHIO	DW	OH-DAYTON-2119 NEEDMORE DR -CPG-GSRPLSSS***CPG-GSRPLSSS	1-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373														
10948186	OHIO	DW	OH-ENGLEWOOD-112 SILVERSTONE DR BLDG *** METER AND REGULATOR INCLOSED NOT VENTED	3-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	39	\$2.16	\$84	\$1.17	\$46	\$2,222	\$941	\$3,292	\$5.49	\$214	\$2.97	\$116	\$1,120	\$580	\$2,031	\$298	\$161	\$3,342	\$1,521	\$5,323														
11276848	OHIO	WC	OH-SABINA-511 STACHOUS DR -LEAK-REPAIR***	3-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	6	\$2.16	\$13	\$1.17	\$7	\$2,222	\$897	\$3,139	\$5.49	\$33	\$2.97	\$18	\$1,120	\$468	\$1,640	\$46	\$25	\$3,342	\$1,365	\$4,778														
11212077	OHIO	WC	OH-JEFFERSONVILLE-23 JAMES ST -LEAK-REPAIR***	3-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	61	\$2.16	\$132	\$1.17	\$71	\$2,222	\$970	\$3,305	\$5.49	\$247	\$2.97	\$129	\$1,120	\$605	\$2,161	\$347	\$203	\$3,342	\$1,626	\$5,086														
11205789	OHIO	FA	OH-XENA-492 S DETROIT ST -LEAK-REPAIR***	3-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	30	\$2.16	\$65	\$1.17	\$35	\$2,222	\$929	\$3,250	\$5.49	\$165	\$2.97	\$89	\$1,120	\$550	\$1,924	\$230	\$124	\$3,342	\$1,478	\$5,175														
10926802	OHIO	BF	OH-BELLEFONTAINE-121 N HAYES ST ***RENEW SERVICE AND MOVE METER OUTSIDE	3-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	32	\$2.16	\$69	\$1.17	\$37	\$2,222	\$931	\$3,260	\$5.49	\$176	\$2.97	\$95	\$1,120	\$557	\$1,948	\$245	\$132	\$3,342	\$1,488	\$5,208														
11235157	OHIO	FA	OH-SOUTH CHARLESTON-116 W MOUND ST -LEAK-REPAIR***	4-Mar-14	MDPE	1.00 INCH	Curb to Meter	60	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$490	\$4.16	\$250	\$2,931	\$1,468	\$5,199	\$490	\$250	\$2,931	\$1,468	\$5,199														
10094288	OHIO	DW	OH-BROOKVILLE-634 VINE ST ***SVC RENEWAL	4-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356														
11173883	OHIO	CN	OH-KETTERING-4586 CROFTSHIRE DR -LEAK-REPAIR***	5-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	80	\$2.16	\$173	\$1.17	\$93	\$2,222	\$995	\$3,483	\$5.49	\$439	\$2.97	\$238	\$1,120	\$719	\$2,517	\$612	\$331	\$3,342	\$1,714	\$6,000														
11350648	OHIO	DW	OH-DAYTON-624 N BROADWAY ST -LEAK-REPAIR***	5-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$54	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1,120	\$604	\$2,114	\$352	\$190	\$3,342	\$1,554	\$5,439														
9133889	OHIO	DW	OH-DAYTON-613 CAMBRIDGE AVE ***RENEW SERVICE CURB VALVE AND WHEELVALVE BLEEDS THRU	6-Mar-14	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$345	\$4.16	\$175	\$2,931	\$1,380	\$4,828	\$345	\$175	\$2,931	\$1,380	\$4,828														
11545653	OHIO	DW	OH-ENGLEWOOD-808 BONNYCASTLE AVE -LEAK-REPAIR***	6-Mar-14	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$367	\$4.16	\$187	\$2,931	\$1,394	\$4,880	\$367	\$187	\$2,931	\$1,394	\$4,880														
11194287	OHIO	TR	OH-HOLLANDSBURG-100 N MAIN ST -LEAK-REPAIR***	6-Mar-14	MDPE	1.00 INCH	Main to Curb	10	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509													
9819119	OHIO	DW	OH-DAYTON-126 KLEE ***RENEW SERVICE	6-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389														
11184910	OHIO	CN	OH-DAYTON-104 DOVER ST -LEAK-REPAIR***	6-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	60	\$2.16	\$129	\$1.17	\$70	\$2,222	\$969	\$3,390	\$5.49	\$330	\$2.97	\$178	\$1,120	\$651	\$2,280	\$459	\$248	\$3,342	\$1,620	\$5,670														
10775274	OHIO	BF	OH-BELLEFONTAINE-1117 LOST CREEK DR ***RESZG	6-Mar-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104														
11542837	OHIO	DW	OH-DAYTON-3024 E FOURTH ST -LEAK-REPAIR***	7-Mar-14	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$343	\$4.16	\$175	\$2,931	\$1,380	\$4,828	\$343	\$175	\$2,931	\$1,380	\$4,828														
11173946	OHIO	DW	OH-WEST CARROLLTON-5475 KEITH DR -LEAK-REPAIR***	7-Mar-14	MDPE	1.00 INCH	Curb to Meter	38	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$310	\$4.16	\$158	\$2,931	\$1,360	\$4,759	\$310	\$158	\$2,931	\$1,360	\$4,759														
10406607	OHIO	DW	OH-DAYTON-37 E BRADSHIRE DR ***SERVICE RENEWAL	7-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	32	\$2.16	\$69	\$1.1																														



VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):																															
										\$182		\$113		\$3,252		\$1,419		\$4,965				\$609		\$330		\$3,073		\$1,605		\$5,618		\$791		\$443		\$6,326		\$3,024		\$10,583	
										Main to Curb (Non-Incremental)										Curb to Meter (Incremental)										Grand Total (Main to Curb + Curb to Meter)											
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs														
11690067	OHIO	DW	OH-DAYTON-1845 EMERSON AVE ~~~	11-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488														
10201752	OHIO	DW	SERVICE TAP	11-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	36	\$2.16	\$78	\$1.17	\$42	\$2,222	\$937	\$3,278	\$5.49	\$198	\$2.97	\$107	\$1,120	\$570	\$1,995	\$275	\$149	\$3,342	\$1,507	\$5,274														
11173906	OHIO	TR	OH-PIQUA-52 ORCHARD DR -LEAK-REPAIR~~	11-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356														
11040286	OHIO	FA	OH-DAYTON-701 SAGAMORE AVE -CPG-GSRPLSL~	11-Mar-14	N/A	OTHER	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104														
10922185	OHIO	CN	OH-SPRINGBORO-7790 TALL TREES CT ~~~RES2G - H/L PASSED 2/27 -CALL AHEAD	11-Mar-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104														
11258342	OHIO	CN	OH-DAYTON-6537 IMPERIAL WOODS DR -LEAK-REPAIR~~	12-Mar-14	MDPE	1.00 INCH	Curb to Meter	63	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$514	\$4.16	\$262	\$2,931	\$1,483	\$5,191	\$514	\$262	\$2,931	\$1,483	\$5,191														
10201759	OHIO	DW	SERVICE TAP	12-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356														
11555972	OHIO	DW	OH-UNION-121 WALDEN FARM CIR -LEAK-REPAIR~~	12-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488														
10201760	OHIO	DW	SERVICE TAP	12-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356														
11176162	OHIO	CN	OH-DAYTON-17 MINIOSA DRIVE -LEAK-REPAIR~~	12-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	32	\$2.16	\$69	\$1.17	\$37	\$2,222	\$931	\$3,260	\$5.49	\$176	\$2.97	\$95	\$1,120	\$557	\$1,948	\$245	\$132	\$3,342	\$1,488	\$5,208														
10201761	OHIO	DW	SERVICE POINT	12-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472														
10201767	OHIO	DW	SERVICE TAP	12-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356														
10201774	OHIO	DW	SERVICE TAP	12-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	39	\$2.16	\$84	\$1.17	\$46	\$2,222	\$941	\$3,292	\$5.49	\$214	\$2.97	\$116	\$1,120	\$580	\$2,031	\$298	\$161	\$3,342	\$1,521	\$5,323														
11045166	OHIO	TR	OH-VERSAILLES-630 WASHINGTON ST ~~~ NEXT DAY SERVICE RENEWAL	13-Mar-14	MDPE	1.00 INCH	Curb to Meter	69	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$563	\$4.16	\$287	\$2,931	\$1,513	\$5,294	\$563	\$287	\$2,931	\$1,513	\$5,294														
11542683	OHIO	DW	OH-HUBER HEIGHTS-6725 ALTER RD -LEAK-REPAIR~~	13-Mar-14	MDPE	1.00 INCH	Curb to Meter	38	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$310	\$4.16	\$158	\$2,931	\$1,360	\$4,759	\$310	\$158	\$2,931	\$1,360	\$4,759														
11555988	OHIO	DW	OH-DAYTON-3800 OLD SALEM RD -LEAK-REPAIR~~	13-Mar-14	MDPE	1.00 INCH	Main to Meter - Over 200 feet	240	\$2.16	\$518	\$0.47	\$112	\$2,222	\$1,141	\$1,993	\$5.49	\$1,318	\$1.19	\$286	\$1,120	\$1,090	\$3,815	\$1,836	\$398	\$3,42	\$2,31	\$7,808														
11555559	OHIO	DW	OH-TROTWOOD-SAGE END DR MALIBU CT -LEAK-REPAIR~~	13-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	35	\$2.16	\$76	\$1.17	\$41	\$2,222	\$935	\$3,274	\$5.49	\$192	\$2.97	\$104	\$1,120	\$567	\$1,963	\$268	\$145	\$3,342	\$1,502	\$5,257														
11047725	OHIO	DW	OH-DAYTON-717 LLUC AVE ~~~CPG-RENEW SERVICE	13-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	39	\$2.16	\$84	\$1.17	\$46	\$2,222	\$941	\$3,292	\$5.49	\$214	\$2.97	\$116	\$1,120	\$580	\$2,031	\$298	\$161	\$3,342	\$1,521	\$5,323														
11555268	OHIO	DW	OH-DAYTON-707 LLUC AVE -LEAK-REPAIR~~	13-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	61	\$2.16	\$132	\$1.17	\$71	\$2,222	\$970	\$3,395	\$5.49	\$335	\$2.97	\$181	\$1,120	\$655	\$2,201	\$467	\$253	\$3,342	\$1,625	\$5,686														
11384122	OHIO	CN	OH-CENTERVILLE-6690 STATESBORO -LEAK-REPAIR~~	14-Mar-14	MDPE	1.00 INCH	Curb to Meter	100	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$816	\$4.16	\$416	\$2,931	\$1,665	\$5,829	\$816	\$416	\$2,931	\$1,665	\$5,829														
11050116	OHIO	DW	OH-DAYTON-3423 VILLAGE GREEN DR -CPG-GSRPLSP~	14-Mar-14	MDPE	1.00 INCH	Curb to Meter	14	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$114	\$4.16	\$58	\$2,931	\$1,242	\$4,345	\$114	\$58	\$2,931	\$1,242	\$4,345														
11169947	OHIO	DW	OH-BROOKVILLE-412 POPLAR ST -LEAK-REPAIR~~	14-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$390	\$211	\$3,342	\$1,577	\$5,521														
11178179	OHIO	CN	OH-CENTERVILLE-1029 E BAHN RD -LEAK-REPAIR~~	17-Mar-14	MDPE	1.00 INCH	Curb to Meter	77	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$628	\$4.16	\$320	\$2,931	\$1,552	\$4,532	\$628	\$320	\$2,931	\$1,552	\$4,532														
11543481	OHIO	DW	OH-LEWISBURG-312 CHESTNUT ST -LEAK-REPAIR~~	17-Mar-14	MDPE	1.00 INCH	Curb to Meter	38	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$310	\$4.16	\$158	\$2,931	\$1,360	\$4,759	\$310	\$158	\$2,931	\$1,360	\$4,759														
11200168	OHIO	CN	OH-CENTERVILLE-6154 BROADWAY DR -LEAK-REPAIR~~	17-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	60	\$2.16	\$104	\$1.17	\$54	\$2,222	\$961	\$3,432	\$5.49	\$279	\$2.97	\$146	\$1,120	\$625	\$2,046	\$306	\$162	\$3,342	\$1,562	\$5,408														
11199637	OHIO	CN	OH-MIAMISBURG-125 MONARCH LN -LEAK-REPAIR~~	17-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	38	\$2.16	\$82	\$1.17	\$44	\$2,222	\$939	\$3,288	\$5.49	\$209	\$2.97	\$113	\$1,120	\$577	\$1,919	\$291	\$157	\$3,342	\$1,516	\$5,307														
10226054	OHIO	BF	OH-BELLE CENTER-8654 STATE ROUTE 273 ~~~ REPLACE SERVICE	18-Mar-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104														
11056905	OHIO	TR	OH-PIQUA-1405 BROOK ST -CPG-GSRPLSL~	18-Mar-14	MDPE	1.00 INCH	Curb to Meter	51	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$416	\$4.16	\$212	\$2,931	\$1,424	\$4,984	\$416	\$212	\$2,931	\$1,424	\$4,984														
11206332	OHIO	CN	OH-KETTERING-1812 FLEISHER AVE -LEAK-REPAIR~~	18-Mar-14	MDPE	1.00 INCH	Curb to Meter	18	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$147	\$4.16	\$75	\$2,931	\$1,261	\$4,414	\$147	\$75	\$2,931	\$1,261	\$4,414														
11169930	OHIO	DW	OH-ENGLEWOOD-808 WOODLAWN AVE -LEAK-REPAIR~~	18-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	73	\$2.16	\$157	\$1.17	\$85	\$2,222	\$986	\$3,451	\$5.49	\$401	\$2.97	\$217	\$1,120	\$995	\$2,434	\$558	\$302	\$3,342	\$1,681	\$5,884														
11276857	OHIO	CN	OH-CENTERVILLE-181 N JOHANNA DR -LEAK-REPAIR~~	18-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	88	\$2.16	\$190	\$1.17	\$103	\$2,222	\$1,006	\$3,520	\$5.49	\$483	\$2.97	\$262	\$1,120	\$746	\$2,611	\$673	\$364	\$3,342	\$1,752	\$6,132														
11265239	OHIO	DW	OH-DAYTON-36 S FINDLAY ST ~~~ RELOCATE SERVICE	18-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,320	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,536	\$5,294														
10932952	OHIO	TR	OH-ST PABE-11570 W US RT 36 ~~~RES2G	18-Mar-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104														
11193530	OHIO	BF	OH-BELLE CENTER-8655 STATE ROUTE 273 -LEAK-REPAIR~~	19-Mar-14	MDPE	1.00 INCH	Curb to Meter	24	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$196	\$4.16	\$100	\$2,931	\$1,291	\$4,518	\$196	\$100	\$2,931	\$1,291	\$4,518														
11178734	OHIO	TR	OH-TROY-6 E WEST ST ~~~SERVICE RENEWAL	19-Mar-14	MDPE	1.00 INCH	Curb to Meter	89	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$726	\$4.16	\$370	\$2,931	\$1,611	\$5,639	\$726	\$370	\$2,931	\$1,611	\$5,639														
11193477	OHIO	TR	OH-PIQUA-201-A MARVILLE LN -LEAK-REPAIR~~	19-Mar-14	MDPE	1.00 INCH	Main to Curb	5	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509														
11276849	OHIO	CN	OH-FAIRBORN-1517 SUPERIOR AVE -LEAK-REPAIR~~	19-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	70	\$2.16	\$151	\$1.17	\$82	\$2,222	\$982	\$3,437	\$5.49	\$384	\$2.97	\$208	\$1,120	\$985	\$2,398	\$536	\$290	\$3,342	\$1,667	\$5,835														
11190831	OHIO	DW	OH-MANDALAY-319 RANDOLPH DR -LEAK-REPAIR~~	19-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	62	\$2.16	\$119	\$1.17	\$64	\$2,222	\$962	\$3,367	\$5.49	\$282	\$2.97	\$149	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472														
11169897	OHIO	DW	OH-DAYTON-4009 WIRE DR -LEAK-REPAIR~~	20-Mar-14	MDPE	1.00 INCH	Curb to Meter	60	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$563	\$4.16	\$287	\$2,931	\$1,513	\$5,294	\$563	\$287	\$2,931	\$1,513	\$5,294														
10851465	OHIO	CN	OH-DAYTON-613 E DOROTHY LN ~~~ RES2G	20-Mar-14	MDPE	1.00 INCH	Curb to Meter	20	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$163	\$4.16	\$83	\$2,931	\$1,271	\$4,449	\$163	\$83	\$2,931	\$1,271	\$4,449														
11205626	OHIO	CN	OH-MIAMISBURG-401 W LINDEN AVENUE -LEAK-REPAIR~~	20-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	45	\$2.16	\$97	\$1.17	\$53	\$2,222	\$949	\$3,320	\$5.49	\$247	\$2.97	\$134	\$1,120	\$602																				

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583				
										Main to Curb (Non-Incremental)										Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)					
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs			
11158870	OHIO	FA	OH-RIVERSIDE-4887 BURKHARDT AVE -LEAK-REPAIR~~~ LEAK-REPAIR	31-Mar-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$0	\$2.931	\$1.173	\$4.104	\$0	\$0	\$2.931	\$1.173	\$4.104		
10754077	OHIO	TR	OH-BRADFORD-124 W KELLER ST ~~~RENEW SERVICE LOCATES CLEAR 1/9/2014 AM	31-Mar-14	MDPE	1.00 INCH	Curb to Meter	51	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$416	\$4.16	\$212	\$2.931	\$1.424	\$4.984	\$416	\$212	\$2.931	\$1.424	\$4.984			
11155504	OHIO	DW	OH-VANDALIA-1211 HARTSHORN DR -LEAK-REPAIR~~~ LEAK-REPAIR	31-Mar-14	MDPE	1.00 INCH	Curb to Meter	21	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$171	\$4.16	\$87	\$2.931	\$1.276	\$4.466	\$171	\$87	\$2.931	\$1.276	\$4.466			
11155165	OHIO	DW	OH-HUBER HEIGHTS-4601 NOWAK -LEAK-REPAIR~~~ LEAK-REPAIR	31-Mar-14	MDPE	1.00 INCH	Curb to Meter	55	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$440	\$4.16	\$229	\$2.931	\$1.444	\$5.053	\$440	\$229	\$2.931	\$1.444	\$5.053			
11156306	OHIO	DW	OH-DAYTON-5499 W THIRD ST -LEAK-REPAIR~~~ LEAK-REPAIR	31-Mar-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$0	\$2.931	\$1.173	\$4.104	\$0	\$0	\$2.931	\$1.173	\$4.104		
11688980	OHIO	FA	OH-DAYTON-3854 ACKERMAN ~~~ MOVE METER OUTSIDE DO TO OLD REGULATOR NOT VENTED TO THE O	31-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1.120	\$594	\$2,078	\$329	\$178	\$3.342	\$1,540	\$5,389			
11156121	OHIO	FA	OH-JAMESTOWN-5020 WYNEVILLE-JAMESTOWN DR -LEAK-REPAIR~~~ LEAK-REPAIR	31-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1.120	\$614	\$2,149	\$375	\$203	\$3.342	\$1,568	\$5,488			
11156349	OHIO	DW	OH-BROOKVILLE-9495 UPPER LEWISBURG SALEM ROAD -LEAK-REPAIR~~~ LEAK-REPAIR	31-Mar-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	36	\$2.16	\$78	\$1.17	\$42	\$2,222	\$937	\$3,278	\$5.49	\$198	\$2.97	\$107	\$1.120	\$570	\$1,995	\$275	\$149	\$3.342	\$1,507	\$5,274			
10851182	OHIO	BF	OH-RUSSELLS POINT-221 S OCHARD IS RD ~~~RESZG	31-Mar-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1.104	\$482	\$306	\$0	\$315	\$1.104			
11155757	OHIO	FA	OH-DAYTON-4729 WESLEY BLVD -LEAK-REPAIR~~~ LEAK-REPAIR	31-Mar-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1.104	\$482	\$306	\$0	\$315	\$1.104			
11159924	OHIO	DW	OH-DAYTON-143 CITY LIGHTS DR -LEAK-REPAIR~~~ LEAK-REPAIR	1-Apr-14	MDPE	1.00 INCH	Curb to Meter	38	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$310	\$4.16	\$158	\$2.931	\$1,360	\$4,759	\$310	\$158	\$2.931	\$1,360	\$4,759			
11156495	OHIO	TR	OH-VERSAILLES-445 WAYNE -LEAK-REPAIR~~~ LEAK-REPAIR	1-Apr-14	MDPE	1.00 INCH	Curb to Meter	38	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$310	\$4.16	\$158	\$2.931	\$1,360	\$4,759	\$310	\$158	\$2.931	\$1,360	\$4,759			
11155583	OHIO	DW	OH-DAYTON-5304 HILGFORD DR -LEAK-REPAIR~~~ LEAK-REPAIR	1-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	22	\$2.16	\$47	\$1.17	\$26	\$2,222	\$918	\$3,213	\$5.49	\$121	\$2.97	\$65	\$1.120	\$523	\$1,829	\$168	\$91	\$3.342	\$1,441	\$5,042			
11161603	OHIO	CN	OH-DAYTON-305 WYOMING ST -LEAK-REPAIR~~~ LEAK-REPAIR	1-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$54	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1.120	\$604	\$2,114	\$352	\$190	\$3.342	\$1,554	\$5,439			
11158536	OHIO	DW	OH-DAYTON-3500 HONEYBROOK AVE -LEAK-REPAIR~~~ LEAK-REPAIR	1-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	98	\$2.16	\$211	\$1.17	\$114	\$2,222	\$1,019	\$3,567	\$5.49	\$538	\$2.97	\$291	\$1.120	\$780	\$2,730	\$750	\$406	\$3.342	\$1,799	\$6,297			
11160384	OHIO	TR	OH-WEST MILTON-24 N MIAMI -LEAK-REPAIR~~~ LEAK-REPAIR	1-Apr-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1.104	\$482	\$306	\$0	\$315	\$1.104			
11117282	OHIO	BF	OH-BELLEFONTAINE-633 S SANDUSKY AVE -LEAK-REPAIR~~~ LEAK-REPAIR	2-Apr-14	MDPE	1.00 INCH	Curb to Meter	62	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$506	\$4.16	\$258	\$2.931	\$1,478	\$5,173	\$506	\$258	\$2.931	\$1,478	\$5,173			
11159921	OHIO	CN	OH-CENTERVILLE-446 W STROOP DR -LEAK-REPAIR~~~ LEAK-REPAIR	2-Apr-14	MDPE	1.00 INCH	Curb to Meter	12	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$66	\$4.16	\$30	\$2.931	\$1,232	\$411	\$98	\$50	\$2.931	\$1,232	\$411			
11164581	OHIO	FA	OH-FARRBORN-328 FUNDENBERG -LEAK-REPAIR~~~ LEAK-REPAIR	2-Apr-14	MDPE	1.00 INCH	Main to Curb	1	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509
11161596	OHIO	BF	OH-RUSSELLS POINT-8312 STATE ROUTE 366 -LEAK-REPAIR~~~ LEAK-REPAIR	2-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	11	\$2.16	\$24	\$1.17	\$13	\$2,222	\$903	\$3,162	\$5.49	\$60	\$2.97	\$33	\$1.120	\$485	\$1,699	\$84	\$46	\$3.342	\$1,389	\$4,861			
11160426	OHIO	CN	OH-OWAKWOOD-2546 HILLVIEW AVE -LEAK-REPAIR~~~ LEAK-REPAIR	2-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1.120	\$607	\$2,126	\$360	\$195	\$3.342	\$1,559	\$5,455			
11159991	OHIO	WC	OH-GREENFIELD-12041 S. R. 138 -LEAK-REPAIR~~~ LEAK-REPAIR	2-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	128	\$2.16	\$276	\$1.17	\$149	\$2,222	\$1,059	\$3,707	\$5.49	\$703	\$2.97	\$380	\$1.120	\$882	\$3,086	\$879	\$505	\$3.342	\$1,941	\$6,792			
11160210	OHIO	DW	OH-ENGLEWOOD-813 ALBERT ST -LEAK-REPAIR~~~ LEAK-REPAIR	2-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1.120	\$611	\$2,137	\$367	\$199	\$3.342	\$1,563	\$5,472			
11156228	OHIO	FA	OH-CENTERVILLE-731 KINGS ROW AVE -LEAK-REPAIR~~~ LEAK-REPAIR	2-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	94	\$2.16	\$203	\$1.17	\$110	\$2,222	\$1,014	\$3,548	\$5.49	\$516	\$2.97	\$279	\$1.120	\$766	\$2,683	\$719	\$389	\$3.342	\$1,780	\$6,231			
11160520	OHIO	CN	OH-HETTINGER-1401 MAYBERRY PL ~~~RENEW SPR AND MOVE MTR SET OUTSIDE	2-Apr-14	MDPE	1.00 INCH	Curb to Meter	59	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$486	\$4.16	\$243	\$2.931	\$1,176	\$4,001	\$486	\$243	\$2.931	\$1,176	\$4,001			
11163429	OHIO	TR	OH-PHILADELPHIA-1832 BRITTON DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$326	\$4.16	\$166	\$2.931	\$1,370	\$4,794	\$326	\$166	\$2.931	\$1,370	\$4,794			
11162350	OHIO	CN	OH-DAYTON-1701 WHEATLAND -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$343	\$4.16	\$175	\$2.931	\$1,380	\$4,828	\$343	\$175	\$2.931	\$1,380	\$4,828			
11167688	OHIO	CN	OH-MIAMISBURG-5220 BENNER DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1.120	\$594	\$2,078	\$329	\$178	\$3.342	\$1,540	\$5,389			
11162705	OHIO	CN	OH-DAYTON-7673 WHITEHALL DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	70	\$2.16	\$151	\$1.17	\$82	\$2,222	\$982	\$3,347	\$5.49	\$384	\$2.97	\$208	\$1.120	\$685	\$2,398	\$536	\$290	\$3.342	\$1,667	\$5,835			
11163853	OHIO	DW	OH-FARMERSVILLE-118 E CENTER ST -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	30	\$2.16	\$65	\$1.17	\$35	\$2,222	\$929	\$3,250	\$5.49	\$165	\$2.97	\$89	\$1.120	\$55	\$1,924	\$320	\$124	\$3.342	\$1,478	\$5,175			
11163429	OHIO	TR	OH-PHILADELPHIA-1832 BRITTON DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$326	\$4.16	\$166	\$2.931	\$1,370	\$4,794	\$326	\$166	\$2.931	\$1,370	\$4,794			
11162350	OHIO	CN	OH-DAYTON-1701 WHEATLAND -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$343	\$4.16	\$175	\$2.931	\$1,380	\$4,828	\$343	\$175	\$2.931	\$1,380	\$4,828			
11167688	OHIO	CN	OH-MIAMISBURG-5220 BENNER DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1.120	\$594	\$2,078	\$329	\$178	\$3.342	\$1,540	\$5,389			
11162705	OHIO	CN	OH-DAYTON-7673 WHITEHALL DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	70	\$2.16	\$151	\$1.17	\$82	\$2,222	\$982	\$3,347	\$5.49	\$384	\$2.97	\$208	\$1.120	\$685	\$2,398	\$536	\$290	\$3.342	\$1,667	\$5,835			
11163853	OHIO	DW	OH-FARMERSVILLE-118 E CENTER ST -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	30	\$2.16	\$65	\$1.17	\$35	\$2,222	\$929	\$3,250	\$5.49	\$165	\$2.97	\$89	\$1.120	\$55	\$1,924	\$320	\$124	\$3.342	\$1,478	\$5,175			
11163429	OHIO	TR	OH-PHILADELPHIA-1832 BRITTON DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$326	\$4.16	\$166	\$2.931	\$1,370	\$4,794	\$326	\$166	\$2.931	\$1,370	\$4,794			
11162350	OHIO	CN	OH-DAYTON-1701 WHEATLAND -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$343	\$4.16	\$175	\$2.931	\$1,380	\$4,828	\$343	\$175	\$2.931	\$1,380	\$4,828			
11167688	OHIO	CN	OH-MIAMISBURG-5220 BENNER DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1.120	\$594	\$2,078	\$329	\$178	\$3.342	\$1,540	\$5,389			
11162705	OHIO	CN	OH-DAYTON-7673 WHITEHALL DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	70	\$2.16	\$151	\$1.17	\$82	\$2,222	\$982	\$3,347	\$5.49	\$384	\$2.97	\$208	\$1.120	\$685	\$2,398	\$536	\$290	\$3.342	\$1,667	\$5,835			
11163853	OHIO	DW	OH-FARMERSVILLE-118 E CENTER ST -LEAK-REPAIR~~~ LEAK-REPAIR	3-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	30	\$2.16	\$65	\$1.17	\$35	\$2,222	\$929	\$3,250	\$5.49	\$165	\$2.97	\$89	\$1.120	\$55	\$1,924	\$320	\$124	\$3.342	\$1,478	\$5,175			
1116																														

Totals (\$000e):	£192
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			Main to Curb (Non-Incremental)										Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)										
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs	
11174029	OHIO	TR	OH-GREENVILLE-301 S BROADWAY ST -LEAK-REPAIR~~	9-Apr-14	STEEL	1.00 INCH	Main to Meter - Under 200 feet	20	\$2.16	\$43	\$1.17	\$23	\$2,222	\$915	\$3,204	\$5.49	\$410	\$1.10	\$2.97	\$59	\$1,120	\$516	\$1,806	\$153	\$83	\$3,342	\$1,431	\$5,009
11174848	OHIO	CN	OH-KETTERING-5775 PONDVIEW -LEAK-REPAIR~~	9-Apr-14	STEEL	1.00 INCH	Main to Meter - Under 200 feet	64	\$2.16	\$138	\$1.17	\$75	\$2,222	\$974	\$3,204	\$5.49	\$352	\$2.97	\$190	\$1,120	\$665	\$2,327	\$480	\$86	\$3,263	\$1,639	\$5,071	
11174853	OHIO	CN	OH-CANTYBURY-1042 SPINGRILL RD -LEAK-REPAIR~~	9-Apr-14	STEEL	1.00 INCH	Main to Meter - Under 200 feet	\$2.16	\$97	\$1.17	\$17	\$2,222	\$949	\$3,204	\$5.49	\$170	\$2.97	\$92	\$1,120	\$601	\$2,327	\$418	\$10	\$3,244	\$1,574	\$5,022		
11175531	OHIO	DW	OH-EATON-423 E WADSWORTH ST -LEAK-REPAIR~~	9-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	69	\$2.16	\$149	\$1.17	\$81	\$2,222	\$981	\$3,432	\$5.49	\$379	\$2.97	\$205	\$1,120	\$682	\$3,386	\$528	\$296	\$3,342	\$1,662	\$5,818	
11176371	OHIO	WC	OH-WASHINGTON COURT HOUSE-125 GARDNER CT -LEAK-REPAIR~~	10-Apr-14	MDPE	1.00 INCH	Curb to Meter	74	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.16	\$604	\$4.16	\$308	\$2,931	\$1,537	\$3,390	\$604	\$308	\$2,931	\$1,537	\$5,380	
11177816	OHIO	DW	OH-WEST ALEXANDRIA-19 SUMMIT ST -LEAK-REPAIR~~	10-Apr-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104	
11216873	OHIO	DW	OH-WEST ALEXANDRIA-19 SUMMIT ST -LEAK-REPAIR~~	10-Apr-14	MDPE	1.00 INCH	Curb to Meter	65	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.16	\$530	\$4.16	\$270	\$2,931	\$1,493	\$5,225	\$530	\$270	\$2,931	\$1,493	\$5,225	
11178170	OHIO	CN	OH-WEST CARROLLTON-332 DIANA DR -LEAK-REPAIR~~	10-Apr-14	MDPE	1.00 INCH	Curb to Meter	65	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.16	\$530	\$4.16	\$270	\$2,931	\$1,493	\$5,225	\$530	\$270	\$2,931	\$1,493	\$5,225	
11179064	OHIO	DW	OH-DAYTON-3307 E THRO ST -LEAK-REPAIR~~	10-Apr-14	MDPE	1.00 INCH	Curb to Meter	30	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.16	\$245	\$4.16	\$125	\$2,931	\$1,320	\$4,621	\$245	\$125	\$2,931	\$1,320	\$4,621	
11175621	OHIO	CN	OH-DAYTON-1008 WOODBURY AVE -LEAK-REPAIR~~	10-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	97	\$2.16	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104	
11176338	OHIO	CN	OH-DAYTON-3024 KATY -LEAK-REPAIR~~	10-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	Unit cost	\$2.16	\$209	\$1.17	\$113	\$2,222	\$1,018	\$3,562	\$5.49	\$533	\$2.97	\$289	\$1,120	\$777	\$2,718	\$742	\$402	\$3,342	\$1,574	\$5,509	
11170329	OHIO	CN	OH-KETTERING-1108 EUREKA DR -LEAK-REPAIR~~	10-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	\$0	\$2.16	\$108	\$1.17	\$58	\$2,222	\$955	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$383	\$207	\$3,342	\$1,573	\$5,055	
11177079	OHIO	TR	OH-GREENVILLE-744 WAYNE AVE -LEAK-REPAIR~~	10-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	59	\$2.16	\$127	\$1.17																	



VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

								Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583					
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-size	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal					Grand Total (Main to Curb + Curb to Meter)				
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs	
11197456	OHIO	DW	OH-DAYTON-5341 BESSMER -LEAK-REPAIR~~~ -LEAK-REPAIR	18-Apr-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11190669	OHIO	DW	OH-DAYTON-3422 CORNELL DR ~~~ RENEW CUST SERV AND MOVE METER OUTSIDE - Miller	21-Apr-14	MDPE	1.00 INCH	Curb to Meter	44	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$369	\$4.16	\$183	\$2,931	\$1,389	\$4,863	\$369	\$183	\$2,931	\$1,389	\$4,863	
11201222	OHIO	DW	OH-WEST ALEXANDRIA-30 OLIVIA TRACE RD -LEAK-REPAIR~~~ -LEAK-REPAIR	21-Apr-14	MDPE	1.00 INCH	Curb to Meter	7	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$57	\$4.16	\$29	\$2,931	\$1,207	\$4,225	\$57	\$29	\$2,931	\$1,207	\$4,225	
11485695	OHIO	BF	OH-WEST LIBERTY-6555 US RT 68 UNIT ST~~~ SERV RELOCATE	21-Apr-14	MDPE	1.00 INCH	Curb to Meter	30	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$245	\$4.16	\$125	\$2,931	\$1,320	\$4,621	\$245	\$125	\$2,931	\$1,320	\$4,621	
11194596	OHIO	FA	OH-SPRINGFIELD-4120 MARTIN ST -LEAK-REPAIR~~~	21-Apr-14	MDPE	1.00 INCH	Curb to Meter	35	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$286	\$4.16	\$146	\$2,931	\$1,345	\$4,708	\$286	\$146	\$2,931	\$1,345	\$4,708	
11480304	OHIO	DW	OH-DAYTON-3214 FOREST GROVE ~~~ WATER IN SERVICE - CHECK FOR COMPLETION	21-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	56	\$2.16	\$121	\$1.17	\$65	\$2,222	\$963	\$3,371	\$5.49	\$308	\$2.97	\$166	\$1,120	\$638	\$2,232	\$428	\$232	\$3,342	\$1,601	\$5,604	
11196044	OHIO	DW	OH-TROTWOOD-1541 AZALEA DR -LEAK-REPAIR~~~	21-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	93	\$2.16	\$201	\$1.17	\$109	\$2,222	\$1,012	\$3,544	\$5.49	\$511	\$2.97	\$276	\$1,120	\$763	\$2,671	\$711	\$385	\$3,342	\$1,776	\$6,214	
11117292	OHIO	CN	OH-CENTERVILLE-85 GULFWOOD CT -LEAK-RECHECK~~~	21-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	66	\$2.16	\$142	\$1.17	\$77	\$2,222	\$977	\$1,418	\$5.49	\$363	\$2.97	\$196	\$1,120	\$672	\$2,351	\$505	\$273	\$3,342	\$1,648	\$5,769	
11196475	OHIO	FA	OH-DAYTON-1636 HEARTHSTONE -LEAK-REPAIR~~~	21-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	35	\$2.16	\$76	\$1.17	\$41	\$2,222	\$935	\$3,274	\$5.49	\$192	\$2.97	\$104	\$1,120	\$567	\$1,983	\$268	\$145	\$3,342	\$1,502	\$5,257	
11187671	OHIO	CN	OH-KETTERING-4113 FLOWERSDALE -LEAK-REPAIR~~~	21-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	93	\$2.16	\$201	\$1.17	\$109	\$2,222	\$1,012	\$3,544	\$5.49	\$511	\$2.97	\$276	\$1,120	\$763	\$2,671	\$711	\$385	\$3,342	\$1,776	\$6,214	
11183861	OHIO	CN	OH-KETTERING-2431 SANTA ROSA DR -LEAK-REPAIR~~~	21-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	104	\$2.16	\$224	\$1.17	\$121	\$2,222	\$1,027	\$3,595	\$5.49	\$571	\$2.97	\$309	\$1,120	\$800	\$2,801	\$796	\$431	\$3,342	\$1,827	\$6,396	
11198427	OHIO	DW	OH-DAYTON-239 WAYNE AVE -LEAK-REPAIR~~~ -LEAK-REPAIR	21-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,559	\$5,455	
11198830	OHIO	FA	OH-XENIA-1428 BOTTO -LEAK-REPAIR~~~	22-Apr-14	MDPE	1.00 INCH	Curb to Meter	30	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$245	\$4.16	\$125	\$2,931	\$1,320	\$4,621	\$245	\$125	\$2,931	\$1,320	\$4,621	
11180548	OHIO	TR	OH-TROY-2365 BLACK OAK DR -LEAK-REPAIR~~~	22-Apr-14	MDPE	1.00 INCH	Curb to Meter	34	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$277	\$4.16	\$141	\$2,931	\$1,340	\$4,690	\$277	\$141	\$2,931	\$1,340	\$4,690	
11444049	OHIO	DW	OH-DAYTON-33 E. SECOND STREET -LEAK-REPAIR~~~ -LEAK-REPAIR	22-Apr-14	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$261	\$4.16	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656	
11197501	OHIO	CN	OH-DAYTON-1463 TAMPA AVE -LEAK-REPAIR~~~	22-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	28	\$2.16	\$60	\$1.17	\$33	\$2,222	\$926	\$3,241	\$5.49	\$154	\$2.97	\$83	\$1,120	\$543	\$1,900	\$214	\$116	\$3,342	\$1,469	\$5,142	
11182107	OHIO	CN	OH-CENTERVILLE-8045 YALBOOD CT -LEAK-REPAIR~~~	22-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	110	\$2.16	\$237	\$1.17	\$128	\$2,222	\$1,035	\$3,623	\$5.49	\$604	\$2.97	\$227	\$1,120	\$821	\$2,782	\$642	\$345	\$3,342	\$1,696	\$6,486	
11195617	OHIO	CN	OH-KETTERING-440 WALSHINGHAM CT -LEAK-REPAIR~~~	22-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	82	\$2.16	\$177	\$1.17	\$96	\$2,222	\$998	\$3,492	\$5.49	\$450	\$2.97	\$244	\$1,120	\$726	\$2,540	\$622	\$339	\$3,342	\$1,724	\$5,603	
11180523	OHIO	FA	OH-MEDWAY-12221 WELLINGTON AVE -LEAK-REPAIR~~~	22-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	59	\$2.16	\$127	\$1.17	\$69	\$2,222	\$967	\$3,385	\$5.49	\$324	\$2.97	\$175	\$1,120	\$648	\$2,268	\$451	\$244	\$3,342	\$1,635	\$5,653	
11180524	OHIO	FA	OH-MEDWAY-12219 WELLINGTON AVE -LEAK-REPAIR~~~	22-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356	
11201242	OHIO	DW	OH-DAYTON-265 LEXINGTON AVE -LEAK-REPAIR~~~ -LEAK-REPAIR	22-Apr-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,537	\$4,679	
11111241	OHIO	CN	OH-KETTERING-2000 COMPOSITE DR ~~~RES2G	22-Apr-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11206014	OHIO	TR	OH-PIQUA-328 SOUTH ST -LEAK-REPAIR~~~ -LEAK-REPAIR	23-Apr-14	MDPE	1.00 INCH	Curb to Meter	21	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$171	\$4.16	\$87	\$2,931	\$1,276	\$4,466	\$171	\$87	\$2,931	\$1,276	\$4,466	
11205428	OHIO	FA	OH-JAMESTOWN-19 CLEMENS AVE -LEAK-REPAIR~~~	23-Apr-14	MDPE	1.00 INCH	Main to Curb	55	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509		
11200890	OHIO	CN	OH-FAIRBORN-1436 LEBSON ST -LEAK-REPAIR~~~	23-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	67	\$2.16	\$145	\$1.17	\$78	\$2,222	\$978	\$3,423	\$5.49	\$368	\$2.97	\$199	\$1,120	\$672	\$2,363	\$513	\$277	\$3,342	\$1,663	\$5,785	
11206328	OHIO	BF	OH-RUSSELLS POINT-303 E MAIN ST -LEAK-REPAIR~~~ -LEAK-REPAIR	23-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,559	\$5,455	
11197354	OHIO	CN	OH-BELLBROOK-2214 TAMPCO -LEAK-REPAIR~~~	23-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	80	\$2.16	\$173	\$1.17	\$93	\$2,222	\$995	\$3,483	\$5.49	\$439	\$2.97	\$238	\$1,120	\$719	\$2,517	\$612	\$331	\$3,342	\$1,714	\$6,000	
11206374	OHIO	CN	OH-KETTERING-1475 RIDGE GATE RD -LEAK-REPAIR~~~ -LEAK-REPAIR	23-Apr-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$54	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1,120	\$604	\$2,114	\$352	\$190	\$3,342	\$1,554	\$5,439	
10900696	OHIO	CN	OH-DAYTON-140 ZENGL DR ~~~RES2G	23-Apr-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11204925	OHIO	DW	OH-TROTWOOD-5735 ERICSSON WAY -LEAK-REPAIR~~~	24-Apr-14	MDPE	1.00 INCH	Curb to Meter	22	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$180	\$4.16	\$92	\$2,931	\$1,281	\$4,483	\$180	\$92	\$2,931	\$1,281	\$4,483	
11216285	OHIO	TR	OH-PIQUA-505 ADAMS ST -LEAK-REPAIR~~~ -LEAK-REPAIR	24-Apr-14	MDPE	1.00 INCH	Curb to Meter	62	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$506	\$4.16	\$258	\$2,931	\$1,478	\$5,173	\$506	\$258	\$2,931	\$1,478	\$5,173	
11216281	OHIO																											

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

								Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583				
								Main to Curb (Non-Incremental)				Curb to Meter (Incremental)				Subtotal				Grand Total (Main to Curb + Curb to Meter)							
								Subtotal main to curb				Subtotal curb to meter				Total											
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs		
11265014	OHIO	FA	OH-FAIRBORN-1515 BLAKE CT -LEAK-REPAIR~FISHEL	1-May-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
11258735	OHIO	DW	OH-NEW PARIS-302 EAST CHERRY ST ~METER MOVE OUT- MILLER	1-May-14	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$261	\$4.16	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656	
11272501	OHIO	TR	OH-SIDNEY-1421 N MAIN ST -LEAK-REPAIR~ LEAK-REPAIR	1-May-14	MDPE	1.00 INCH	Main to Curb	9	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11274525	OHIO	DW	OH-BROOKVILLE-475 ARLINGTON RD -LEAK-REPAIR~ LEAK-REPAIR	1-May-14	MDPE	1.00 INCH	Main to Curb	12	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11265729	OHIO	CN	OH-KETTERING-4524 WING VIEW LN -LEAK-REPAIR~ FISHEL	1-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	76	\$2.16	\$164	\$1.17	\$89	\$2,222	\$990	\$3,465	\$5.49	\$417	\$2.97	\$226	\$1,120	\$706	\$2,469	\$581	\$315	\$3,342	\$1,695	\$5,934
11272730	OHIO	FA	OH-ELDORADO-200 E MILL ST -LEAK-REPAIR~ LEAK-REPAIR	1-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3,342	\$1,592	\$5,571
11274681	OHIO	CN	OH-KETTERING-2540 OAK PARK AVENUE -LEAK-REPAIR~	2-May-14	MDPE	1.00 INCH	Curb to Meter	37	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$302	\$4.16	\$154	\$2,931	\$1,355	\$4,742	\$302	\$154	\$2,931	\$1,355	\$4,742
11279281	OHIO	FA	OH-DAYTON-1816 S SMITHVILLE RD -LEAK-REPAIR~ LEAK-REPAIR	2-May-14	MDPE	1.00 INCH	Curb to Meter	35	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$286	\$4.16	\$146	\$2,931	\$1,345	\$4,708	\$286	\$146	\$2,931	\$1,345	\$4,708
11274472	OHIO	BF	OH-BELLEFONTAINE-403 JOHNS AVE -LEAK-REPAIR~ LEAK-REPAIR	2-May-14	MDPE	1.00 INCH	Main to Curb	18	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11275101	OHIO	TR	OH-SIDNEY-612 N MAIN ST -LEAK-REPAIR~MILLER	2-May-14	MDPE	1.00 INCH	Main to Curb	14	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11272223	OHIO	CN	OH-KETTERING-1105 MENDOTA CT -LEAK-REPAIR~FISHEL	2-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	13	\$2.16	\$28	\$1.17	\$15	\$2,222	\$906	\$3,171	\$5.49	\$71	\$2.97	\$39	\$1,120	\$492	\$1,723	\$99	\$54	\$3,342	\$1,398	\$4,804
11275145	OHIO	DW	OH-EATON-85 SHAFERAGON DR -LEAK-REPAIR~ LEAK-REPAIR	2-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488
11274678	OHIO	WC	OH-BLOOMINGBURG-4573 STATE RT. 38 -LEAK-REPAIR~ LEAK-REPAIR	2-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	63	\$2.16	\$136	\$1.17	\$74	\$2,222	\$973	\$3,404	\$5.49	\$346	\$2.97	\$187	\$1,120	\$661	\$2,315	\$482	\$261	\$3,342	\$1,634	\$5,719
11274824	OHIO	WC	OH-GREENFIELD-771 MCCLAIN AVE -LEAK-REPAIR~FISHEL	2-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472
11267750	OHIO	WC	OH-GREENFIELD-621 S WASHINGTON ST -LEAK-REPAIR~FISHEL	2-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	52	\$2.16	\$112	\$1.17	\$61	\$2,222	\$958	\$3,353	\$5.49	\$286	\$2.97	\$155	\$1,120	\$624	\$2,185	\$398	\$215	\$3,342	\$1,582	\$5,538
11271421	OHIO	CN	OH-DAYTON-661 PEACH ORCHARD -LEAK-REPAIR~MILLER	2-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	40	\$2.16	\$96	\$1.17	\$47	\$2,222	\$942	\$3,297	\$5.49	\$220	\$2.97	\$119	\$1,120	\$584	\$2,043	\$306	\$166	\$3,342	\$1,526	\$5,340
11275021	OHIO	CN	OH-DAYTON-618 BROADVIEW AVE -LEAK-REPAIR~	3-May-14	MDPE	1.00 INCH	Main to Curb	13	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11271311	OHIO	TR	OH-TROY-715 GLENDALE DR -LEAK-REPAIR~MILLER	2-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	21	\$2.16	\$45	\$1.17	\$25	\$2,222	\$917	\$3,259	\$5.49	\$115	\$2.97	\$62	\$1,120	\$519	\$1,817	\$161	\$87	\$3,342	\$1,436	\$5,062
11160553	OHIO	BF	OH-BELLEFONTAINE-313 WEDGEWOOD CT -LEAK-REPAIR~	5-May-14	MDPE	1.00 INCH	Curb to Meter	48	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$392	\$4.16	\$200	\$2,931	\$1,409	\$4,932	\$392	\$200	\$2,931	\$1,409	\$4,932
11278079	OHIO	BF	OH-RUSSELLS POINT-7088 HANCOCK DR -LEAK-REPAIR~ LEAK-REPAIR	5-May-14	MDPE	1.00 INCH	Curb to Meter	2	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$16	\$4.16	\$8	\$2,931	\$1,182	\$4,138	\$16	\$8	\$2,931	\$1,182	\$4,138
11173411	OHIO	TR	OH-TIPP CITY-600 COACH DR -LEAK-REPAIR~PIN POINT	5-May-14	MDPE	1.00 INCH	Main to Curb	9	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11278081	OHIO	FA	OH-XENIA-606 EDSON BLVD -LEAK-REPAIR~	5-May-14	MDPE	1.00 INCH	Main to Curb	10	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11201079	OHIO	TR	OH-TIPP CITY-7435 PETERS RD -LEAK-REPAIR~	5-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	99	\$2.16	\$214	\$1.17	\$116	\$2,222	\$1,020	\$3,572	\$5.49	\$544	\$2.97	\$294	\$1,120	\$783	\$2,742	\$757	\$410	\$3,342	\$1,804	\$5,613
11278172	OHIO	CN	OH-BELLBROOK-3353 ROSE LAKE CT -LEAK-REPAIR~ LEAK-REPAIR	5-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472
11278189	OHIO	WC	OH-GREENFIELD-609 S WASHINGTON ST -LEAK-REPAIR~ LEAK-REPAIR	5-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	8	\$2.16	\$17	\$1.17	\$9	\$2,222	\$899	\$3,148	\$5.49	\$44	\$2.97	\$24	\$1,120	\$475	\$1,663	\$61	\$33	\$3,342	\$1,375	\$4,811
11275206	OHIO	DW	OH-DAYTON-2341 E FIFTH ST -LEAK-REPAIR~	6-May-14	MDPE	1.00 INCH	Curb to Meter	61	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$408	\$4.16	\$254	\$2,931	\$1,473	\$5,156	\$498	\$254	\$2,931	\$1,473	\$5,156
11198576	OHIO	TR	OH-GREENVILLE-230 OAKWOOD ST ~RENEW SERVICE/METER MOVEOUT	6-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	68	\$2.16	\$147	\$1.17	\$79	\$2,222	\$979	\$3,427	\$5.49	\$374	\$2.97	\$202	\$1,120	\$678	\$2,374	\$520	\$282	\$3,342	\$1,658	\$5,802
11278726	OHIO	CN	OH-DAYTON-735 DEVONSHIRE RD ~INSTALL SERVICE	6-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	70	\$2.16	\$151	\$1.17	\$82	\$2,222	\$982	\$3,437	\$5.49	\$384	\$2.97	\$208	\$1,120	\$685	\$2,398	\$536	\$290	\$3,342	\$1,667	\$5,835
11278646	OHIO	DW	OH-DAYTON-1208 W FAIRVIEW AVE -LEAK-REPAIR~MILLER	6-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488
11278572	OHIO	DW	OH-DAYTON-1309 SAINT ADLEBERT AVE -LEAK-REPAIR~MILLER	6-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$54	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1,120	\$604	\$2,114	\$352	\$190	\$3,342	\$1,554	\$5,439
11480824	OHIO	DW	OH-TROTWOOD-516 S BROADWAY AVE ~SERVICE RENEWAL	6-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	63	\$2.16	\$136	\$1.17	\$74	\$2,222	\$973	\$3,404	\$5.49	\$346	\$2.97	\$187	\$1,120	\$661	\$2,315	\$482	\$261	\$3,342	\$1,634	\$5,719
11199836	OHIO	BF	OH-BELLEFONTAINE-442 W CHILLICOTHE AVE ~RENEW SERVICE AND MOVE METER OUTSIDE	7-May-14	MDPE	1.00 INCH	Curb to Meter	41	\$0.00	\$0	\$0.00	\$0	\$0														

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								Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583				
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)								
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs
11288686	OHIO	FA	OH-KETTERING-532 OAKVIEW DR -LEAK-REPAIR~FISHEL	12-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	63	\$2.16	\$136	\$1.17	\$74	\$2,222	\$973	\$3,404	\$5.49	\$346	\$2.97	\$187	\$1,120	\$661	\$2,315	\$482	\$261	\$3,342	\$1,634	\$5,719
11288692	OHIO	CN	OH-KETTERING-2108 GRACE LN -LEAK-REPAIR~FISHEL	12-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	20	\$2.16	\$43	\$1.17	\$23	\$2,222	\$915	\$3,204	\$5.49	\$110	\$2.97	\$69	\$1,120	\$516	\$1,806	\$153	\$63	\$3,342	\$1,431	\$5,009
11289234	OHIO	TR	OH-TROY-303 DORLY LN -LEAK-REPAIR~	12-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	77	\$2.16	\$166	\$1.17	\$90	\$2,222	\$991	\$3,469	\$5.49	\$423	\$2.97	\$229	\$1,120	\$709	\$2,481	\$569	\$319	\$3,342	\$1,700	\$5,950
11282857	OHIO	DW	OH-DAYTON-141 KLEE AVE ~ SERVICE REPLACEMENT HEAVY CORROSION - MILLER	12-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	37	\$2.16	\$80	\$1.17	\$43	\$2,222	\$938	\$3,283	\$5.49	\$203	\$2.97	\$110	\$1,120	\$573	\$2,007	\$283	\$153	\$3,342	\$1,511	\$5,290
11191083	OHIO	TR	OH-JACKSON-CENTER-109 LINDEN ST -LEAK-REPAIR~	12-May-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679
11289547	OHIO	TR	OH-VERSAILLES-440 OAK ST -LEAK-REPAIR~MILLER	13-May-14	MDPE	1.00 INCH	Curb to Meter	37	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$302	\$4.16	\$154	\$2,931	\$1,355	\$4,742	\$302	\$154	\$2,931	\$1,355	\$4,742
11295289	OHIO	DW	OH-VANDALIA-137 COLEBROOK DR -LEAK-REPAIR~MILLER	13-May-14	MDPE	1.00 INCH	Curb to Meter	59	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$481	\$4.16	\$245	\$2,931	\$1,463	\$5,122	\$481	\$245	\$2,931	\$1,463	\$5,122
11216423	OHIO	TR	OH-VERSAILLES-10290 CHRISTIAN DR -LEAK-REPAIR~	13-May-14	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$261	\$4.16	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656
11166226	OHIO	WC	OH-SABINA-1092 N STATE RT 739 -LEAK-REPAIR~	13-May-14	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$220	\$4.16	\$112	\$2,931	\$1,306	\$4,570	\$220	\$112	\$2,931	\$1,306	\$4,570
11287666	OHIO	CN	OH-KETTERING-408 SILVERWOOD DR -LEAK-REPAIR~FISHEL	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	77	\$2.16	\$166	\$1.17	\$90	\$2,222	\$991	\$3,469	\$5.49	\$423	\$2.97	\$229	\$1,120	\$709	\$2,481	\$569	\$319	\$3,342	\$1,700	\$5,950
11289872	OHIO	CN	OH-DAYTON-2002 DEANWOOD AVE -LEAK-REPAIR~MILLER	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	36	\$2.16	\$78	\$1.17	\$42	\$2,222	\$937	\$3,278	\$5.49	\$198	\$2.97	\$107	\$1,120	\$570	\$1,995	\$275	\$149	\$3,342	\$1,507	\$5,274
11290311	OHIO	CN	OH-DAYTON-1724 WYOMING ST -LEAK-REPAIR~MILLER	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	38	\$2.16	\$82	\$1.17	\$44	\$2,222	\$939	\$3,288	\$5.49	\$209	\$2.97	\$113	\$1,120	\$577	\$1,929	\$291	\$157	\$3,342	\$1,516	\$5,307
11279301	OHIO	CN	OH-DAYTON-PRINCETON AND AMHERST -LEAK-REPAIR~	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,559	\$5,455
11289881	OHIO	FA	OH-RIVERSIDE-5024 WORCHESTER DR -LEAK-REPAIR~FISHEL	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	32	\$2.16	\$69	\$1.17	\$37	\$2,222	\$931	\$3,260	\$5.49	\$176	\$2.97	\$95	\$1,120	\$557	\$1,948	\$245	\$132	\$3,342	\$1,488	\$5,208
11156009	OHIO	FA	OH-FAIRBORN-116 HOAK DR -LEAK-REPAIR~FISHEL	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	69	\$2.16	\$149	\$1.17	\$81	\$2,222	\$981	\$3,432	\$5.49	\$379	\$2.97	\$205	\$1,120	\$682	\$2,386	\$528	\$286	\$3,342	\$1,662	\$5,818
11289395	OHIO	FA	OH-KETTERING-2003 W BATAAN DR -LEAK-REPAIR~FISHEL	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	36	\$2.16	\$78	\$1.17	\$42	\$2,222	\$937	\$3,278	\$5.49	\$198	\$2.97	\$107	\$1,120	\$570	\$1,995	\$275	\$149	\$3,342	\$1,507	\$5,274
11174724	OHIO	TR	OH-VERSAILLES-149 S SECOND ST -LEAK-REPAIR~	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472
11292095	OHIO	TR	OH-ANSONIA-224 E WELLS ST -LEAK-REPAIR~	13-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$105	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,485
11295030	OHIO	CN	OH-DAYTON-3623 CHICAMAUGA AVE -LEAK-REPAIR~	14-May-14	MDPE	1.00 INCH	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104
11297313	OHIO	CN	OH-DAYTON-3511 CHICAMAUGA AVE -LEAK-REPAIR~	14-May-14	MDPE	1.00 INCH	Main to Curb	14	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509
11291745	OHIO	CN	OH-KETTERING-555 W DAVID RD -LEAK-REPAIR~FISHEL	14-May-14	MDPE	1.00 INCH	Main to Meter - Over 200 feet	213	\$2.16	\$460	\$0.47	\$100	\$2,222	\$1,112	\$3,894	\$5.49	\$1,170	\$1.19	\$254	\$1,120	\$1,018	\$3,562	\$1,629	\$334	\$3,342	\$2,130	\$7,456
11292293	OHIO	CN	OH-DAYTON-1226 ASHLAND AVE -LEAK-REPAIR~MILLER	14-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	80	\$2.16	\$173	\$1.17	\$93	\$2,222	\$995	\$3,483	\$5.49	\$439	\$2.97	\$238	\$1,120	\$719	\$2,517	\$612	\$331	\$3,342	\$1,714	\$6,000
11295219	OHIO	DW	OH-EATON-408 SILVER CROSSING -LEAK-REPAIR~	14-May-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679
11291556	OHIO	DW	OH-DAYTON-1236 AMHERST PL -LEAK-REPAIR~	14-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	80	\$2.16	\$173	\$1.17	\$93	\$2,222	\$995	\$3,483	\$5.49	\$439	\$2.97	\$238	\$1,120	\$719	\$2,517	\$612	\$331	\$3,342	\$1,714	\$6,000
11291775	OHIO	FA	OH-DAYTON-141 NEWBURN AVE -LEAK-REPAIR~FISHEL	14-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	56	\$2.16	\$121	\$1.17	\$65	\$2,222	\$963	\$3,371	\$5.49	\$308	\$2.97	\$166	\$1,120	\$638	\$2,322	\$428	\$232	\$3,342	\$1,601	\$5,604
11280271	OHIO	DW	OH-DAYTON-828 W FAIRVIEW AVE -LEAK-REPAIR~	14-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	168	\$2.16	\$362	\$1.17	\$106	\$2,222	\$1,112	\$3,893	\$5.49	\$923	\$2.97	\$499	\$1,120	\$1,017	\$3,560	\$1,285	\$666	\$3,342	\$2,129	\$7,452
10612418	OHIO	TR	OH-COVINGTON-616 N HIGH ST ~ RESIZE GAS	14-May-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11305338	OHIO	CN	OH-DAYTON-4243 SHROYER RD -LEAK-REPAIR~	15-May-14	MDPE	1.00 INCH	Curb to Meter	19	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$155	\$4.16	\$79	\$2,931	\$1,266	\$4,32	\$155	\$79	\$2,931	\$1,266	\$4,432
11295037	OHIO	DW	OH-DAYTON-438 WAYNE AVE -LEAK-REPAIR~MILLER	15-May-14	MDPE	1.00 INCH	Curb to Meter	7	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$57	\$4.16	\$29	\$2,931	\$1,207	\$4,225	\$57	\$29	\$2,931	\$1,207	\$4,225
11282333	OHIO	DW	OH-DAYTON-416 KISER ST -LEAK-REPAIR~	15-May-14	MDPE	1.00 INCH	Main to Curb	28	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11237024	OHIO	CN	OH-MIAMISBURG-303 THELMA DR -LEAK-REPAIR~	15-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	83	\$2.16	\$179	\$1.17	\$97	\$2,222	\$999	\$3,497	\$5.49	\$456	\$2.97	\$247	\$1,120	\$729	\$2,552	\$635	\$344	\$3,342	\$1,728	\$6,049
11297319	OHIO	CN	OH-KETTERING-36 ERIE -LEAK-REPAIR~FISHEL	15-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	62	\$2.16																		

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								Totals (\$000s):		\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583			
								Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)									
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs
11316765	OHIO	FA	OH-XENIA-1855 ATKINSON DR -LEAK-REPAIR~FISHEL	20-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	52	\$2.16	\$112	\$1.17	\$61	\$2,222	\$958	\$3,353	\$5.49	\$286	\$2.97	\$155	\$1,120	\$624	\$2,185	\$398	\$215	\$3,342	\$1,582	\$5,538
11316285	OHIO	DW	OH-CAMDEN-424 CAMDEN SUGAR VALLEY DR -LEAK-REPAIR~MILLER	20-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	69	\$2.16	\$149	\$1.17	\$81	\$2,222	\$981	\$3,432	\$5.49	\$379	\$2.97	\$205	\$1,120	\$682	\$2,386	\$628	\$286	\$3,342	\$1,682	\$5,818
11318321	OHIO	DW	OH-DAYTON-5935 UNWINN DR -LEAK-REPAIR~MILLER	21-May-14	MDPE	1.00 INCH	Curb to Meter - Under 200 feet	82	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$689	\$4.16	\$341	\$2,931	\$1,577	\$5,518	\$689	\$341	\$2,931	\$1,577	\$5,518
11319064	OHIO	CN	OH-CENTREVILLE-10624 SUNDERLAND WOODS CT -LEAK-REPAIR~LEAK-REPAIR	21-May-14	MDPE	1.00 INCH	Curb to Meter	3	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$24	\$4.16	\$12	\$2,931	\$1,187	\$4,156	\$24	\$12	\$2,931	\$1,187	\$4,156
11317746	OHIO	FA	OH-XENIA-1731 BOKBURY DR -LEAK-REPAIR~RITTER	21-May-14	MDPE	1.00 INCH	Curb to Meter	50	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$408	\$4.16	\$208	\$2,931	\$1,419	\$4,966	\$408	\$208	\$2,931	\$1,419	\$4,966
11316182	OHIO	CN	OH-KETTERING-5753 OAK VALLEY DR -LEAK-REPAIR~MILLER	21-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	76	\$2.16	\$164	\$1.17	\$89	\$2,222	\$990	\$3,465	\$5.49	\$417	\$2.97	\$226	\$1,120	\$706	\$2,469	\$581	\$315	\$3,342	\$1,695	\$5,934
11317376	OHIO	DW	OH-DAYTON-1825 RIVERVIEW AVE -LEAK-REPAIR~MILLER	21-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	62	\$2.16	\$134	\$1.17	\$72	\$2,222	\$971	\$3,399	\$5.49	\$341	\$2.97	\$184	\$1,120	\$658	\$2,303	\$474	\$257	\$3,342	\$1,629	\$5,703
11304170	OHIO	DW	OH-DAYTON-4981 KINGSGATE COURT -LEAK-REPAIR~FISHEL	21-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	79	\$2.16	\$170	\$1.17	\$92	\$2,222	\$994	\$3,479	\$5.49	\$434	\$2.97	\$235	\$1,120	\$716	\$2,505	\$604	\$327	\$3,342	\$1,710	\$5,983
11318349	OHIO	CN	OH-OKARKWOOD-1930 FAR HILLS AVE -LEAK-REPAIR~FISHEL	21-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	10	\$2.16	\$22	\$1.17	\$12	\$2,222	\$902	\$3,157	\$5.49	\$65	\$2.97	\$30	\$1,120	\$482	\$1,687	\$77	\$41	\$3,342	\$1,384	\$4,844
11318610	OHIO	CN	OH-DAYTON-1120 S 3222 WYNNE AVE -LEAK-REPAIR~	21-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	34	\$2.16	\$73	\$1.17	\$40	\$2,222	\$934	\$3,269	\$5.49	\$187	\$2.97	\$101	\$1,120	\$563	\$1,972	\$260	\$141	\$3,342	\$1,497	\$5,241
11175988	OHIO	TR	OH-NEW KNOXVILLE @ STATE RT 219 BLDG @ -RES2G	21-May-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11204979	OHIO	TR	OH-TROY-836 W MAIN ST -LEAK-RECHECK~ABOVE GROUND REPAIR	21-May-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11155627	OHIO	CN	OH-DAYTON-465 BANBURY RD ~-RES2G	22-May-14	MDPE	1.00 INCH	Curb to Meter	28	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$228	\$4.16	\$116	\$2,931	\$1,311	\$4,587	\$228	\$116	\$2,931	\$1,311	\$4,587
11322441	OHIO	CN	OH-CENTREVILLE-534 DUBERRY PL -LEAK-REPAIR~FISHEL	22-May-14	MDPE	1.00 INCH	Curb to Meter	13	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$106	\$4.16	\$54	\$2,931	\$1,237	\$4,328	\$106	\$54	\$2,931	\$1,237	\$4,328
11320626	OHIO	FA	OH-FAIRBORN-565 PARK HILLS KING -LEAK-REPAIR~FISHEL	22-May-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104
11259346	OHIO	DW	OH-LEWISBURG-202 COMMERCE ST -LEAK-REPAIR~	22-May-14	MDPE	1.00 INCH	Main to Curb	4	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509
11324769	OHIO	FA	OH-XENIA-1883 ARAPAHO DR -LEAK-REPAIR~LEAK-REPAIR	22-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	50	\$2.16	\$108	\$1.17	\$58	\$2,222	\$955	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$383	\$207	\$3,342	\$1,573	\$5,505
11319551	OHIO	FA	OH-XENIA-1883 ARAPAHO DR ~-RENEW GAS SERVICE - FISHEL	22-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	50	\$2.16	\$108	\$1.17	\$58	\$2,222	\$955	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$383	\$207	\$3,342	\$1,573	\$5,505
11320805	OHIO	TR	OH-TROY-151 W STALTON RD -LEAK-REPAIR~MILLER	22-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	192	\$2.16	\$414	\$1.17	\$224	\$2,222	\$1,144	\$4,005	\$5.49	\$1,055	\$2.97	\$571	\$1,120	\$1,088	\$3,844	\$1,469	\$795	\$3,342	\$2,242	\$7,849
11318890	OHIO	CN	OH-DAYTON-2004 CRAIG DRIVE -LEAK-REPAIR~FISHEL	22-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	36	\$2.16	\$78	\$1.17	\$42	\$2,222	\$937	\$3,278	\$5.49	\$198	\$2.97	\$107	\$1,120	\$570	\$1,995	\$275	\$149	\$3,342	\$1,507	\$5,274
11319181	OHIO	CN	OH-DAYTON-1124 - 1126 HAVILAND AVE -LEAK-REPAIR~MILLER	22-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356
11288699	OHIO	FA	OH-XENIA-1560 ARAPAHO DR -LEAK-REPAIR~FISHEL	22-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	57	\$2.16	\$123	\$1.17	\$67	\$2,222	\$965	\$3,376	\$5.49	\$313	\$2.97	\$169	\$1,120	\$641	\$2,244	\$436	\$236	\$3,342	\$1,606	\$5,620
11323846	OHIO	DW	OH-DAYTON-333 RITCHIE ST -LEAK-REPAIR~	23-May-14	MDPE	1.00 INCH	Curb to Meter	29	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$237	\$4.16	\$121	\$2,931	\$1,315	\$4,604	\$237	\$121	\$2,931	\$1,315	\$4,604
11324882	OHIO	DW	OH-DAYTON-621 MARYLAND AVE -LEAK-REPAIR~LEAK-REPAIR	23-May-14	MDPE	1.00 INCH	Main to Curb	9	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509
11324040	OHIO	WC	OH-DAYTON-508 OTTERBURN DR -LEAK-REPAIR~FISHEL	23-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	53	\$2.16	\$108	\$1.17	\$58	\$2,222	\$955	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$383	\$207	\$3,342	\$1,573	\$5,505
11322520	OHIO	CN	OH-DAYTON-1141 ABBOTT AVE -LEAK-REPAIR~FISHEL	23-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	33	\$2.16	\$71	\$1.17	\$39	\$2,222	\$933	\$3,264	\$5.49	\$181	\$2.97	\$98	\$1,120	\$560	\$1,960	\$252	\$137	\$3,342	\$1,493	\$5,224
11177814	OHIO	FA	OH-KETTERING-1834 ROSLYN -LEAK-REPAIR~	23-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	93	\$2.16	\$201	\$1.17	\$109	\$2,222	\$1,012	\$3,544	\$5.49	\$511	\$2.97	\$276	\$1,120	\$763	\$2,671	\$711	\$385	\$3,342	\$1,776	\$6,214
11322660	OHIO	TR	OH-TIPP CITY-308 S SECOND ST -LEAK-REPAIR~	23-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	65	\$2.16	\$140	\$1.17	\$76	\$2,222	\$975	\$3,413	\$5.49	\$357	\$2.97	\$193	\$1,120	\$668	\$2,339	\$497	\$268	\$3,342	\$1,644	\$5,752
11321466	OHIO	FA	OH-KETTERING-2212 FARMSIDE DR -LEAK-REPAIR~FISHEL	23-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472
11321281	OHIO	TR	OH-NEW MADISON-275 WEST WASHINGTON ST -LEAK-REPAIR~MILLER	23-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$390	\$211	\$3,342	\$1,577	\$5,521
11324203	OHIO	TR	OH-TROY-25 SWALES RD -LEAK-REPAIR~	23-May-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$390	\$211	\$3,342	\$1,577	\$5,521
1132569																											



VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

							Totals (\$000s):																								
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)																						
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Grand Total (Main to Curb + Curb to Meter)				
11368120	OHIO	CN	OH-KETTERING-910 RIO LN -LEAK-REPAIR~~~LEAK-REPAIR	2-Jun-14	MDPE	1.00 INCH	Curb to Meter	58	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$473	\$4.16	\$241	\$2,931	\$1,458	\$5,104	\$473	\$241	\$2,931	\$1,458	\$5,104				
11367486	OHIO	DW	OH-UNION-1800 UNION AIR PARK BLVD -LEAK-REPAIR~~~	2-Jun-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104				
11368633	OHIO	TR	OH-COVINGTON-111 S WALL ST -LEAK-REPAIR~~~LEAK-REPAIR	2-Jun-14	MDPE	1.00 INCH	Curb to Meter	28	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$228	\$4.16	\$116	\$2,931	\$1,311	\$4,557	\$228	\$116	\$2,931	\$1,311	\$4,557				
11363561	OHIO	BF	OH-BELLEFONTAINE-210 W COLUMBUS ST -LEAK-REPAIR~~~OUPS FOR EARLY REPAIR	2-Jun-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104				
11363315	OHIO	FA	OH-CEADARVILLE-90 W CEDAR ST -LEAK-REPAIR~~~	2-Jun-14	MDPE	1.00 INCH	Main to Curb	8	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509		
11323212	OHIO	BF	OH-BELLEFONTAINE-208 E CHILlicothe AVE~~~RENEW SERVICE	2-Jun-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679	\$5,703			
11319717	OHIO	CN	OH-DAYTON-158 PARK DR -LEAK-REPAIR~~~MILLER	2-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	62	\$2.16	\$134	\$1.17	\$72	\$2,222	\$971	\$3,399	\$5.49	\$341	\$2.97	\$184	\$1,120	\$658	\$2,303	\$474	\$257	\$3,342	\$1,629	\$5,000	\$5,703			
11363308	OHIO	FA	OH-KETTERING-2248 WHITLOCK PL -LEAK-REPAIR~~~	2-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	44	\$2.16	\$95	\$1.17	\$51	\$2,222	\$947	\$3,116	\$5.49	\$242	\$2.97	\$131	\$1,120	\$597	\$2,090	\$337	\$182	\$3,342	\$1,544	\$5,000	\$5,406			
11359693	OHIO	CN	OH-DAYTON-159 SHADYWOOD DR -LEAK-REPAIR~~~LEAK-REPAIR	2-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	132	\$2.16	\$285	\$1.17	\$154	\$2,222	\$1,064	\$3,725	\$5.49	\$725	\$2.97	\$392	\$1,120	\$895	\$3,133	\$1,010	\$546	\$3,342	\$1,959	\$6,858	\$6,858			
11211111	OHIO	DW	OH-ENGLEWOOD-261 FORTIE DRIVE -LEAK-REPAIR~~~	2-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	59	\$2.16	\$127	\$1.17	\$69	\$2,222	\$967	\$3,385	\$5.49	\$324	\$2.97	\$175	\$1,120	\$640	\$2,268	\$451	\$244	\$3,342	\$1,615	\$5,683	\$5,683			
11368089	OHIO	FA	OH-BEAVERCREEK-1975 AMI RIDGE CT -LEAK-REPAIR~~~LEAK-REPAIR	2-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	78	\$2.16	\$168	\$1.17	\$91	\$2,222	\$993	\$3,474	\$5.49	\$428	\$2.97	\$232	\$1,120	\$712	\$2,403	\$597	\$323	\$3,342	\$1,705	\$5,967	\$5,967			
11369544	OHIO	CN	OH-DAYTON-3022 TUBMAN AVE -LEAK-REPAIR~~~LEAK-REPAIR	2-Jun-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$3,115			
11365042	OHIO	TR	OH-PIQUA-709 BROADWAY ST -LEAK-REPAIR~~~	3-Jun-14	MDPE	1.00 INCH	Curb to Meter	81	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$661	\$4.16	\$337	\$2,931	\$1,572	\$5,501	\$661	\$337	\$2,931	\$1,572	\$5,501				
10752700	OHIO	WC	OH-WASHINGTON COURT HOUSE-918 SOUTH FAYETTE ST~~~RENEW SERVICE FROM MAIN TO CURB. OUP	3-Jun-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679	\$5,703			
11282206	OHIO	DW	OH-DAYTON-2215 RUSTIC RD -LEAK-REPAIR~~~	3-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356	\$5,356			
11362462	OHIO	DW	OH-EATON-501 W MAIN ST -LEAK-REPAIR~~~	3-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	79	\$2.16	\$170	\$1.17	\$92	\$2,2																		

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583							
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal					Grand Total (Main to Curb + Curb to Meter)				
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs	
11378876	OHIO	CN	OH-KETTERING-837 BROOKFIELD DR -LEAK-REPAIR~~	9-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,559	\$5,455	
11381247	OHIO	TR	OH-SIDNEY-230 F POPLAR ST -LEAK-REPAIR~~ LEAK-REPAIR	9-Jun-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$989	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,537	\$4,679	
11380757	OHIO	CN	OH-DAYTON-1713 1713 WINDING ST ~ RENEW SERVICE	9-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	72	\$2.16	\$155	\$1.17	\$94	\$2,222	\$985	\$3,446	\$5.49	\$395	\$2.97	\$214	\$1,120	\$692	\$2,422	\$551	\$298	\$3,342	\$1,677	\$5,888	
11380498	OHIO	CN	OH-KETTERING-801 ROCKHILL AVE -LEAK-REPAIR~~ LEAK-REPAIR	9-Jun-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
10569422	OHIO	DW	OH-DAYTON-4540 HONEYWELL CT ~-RESZG	9-Jun-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11381253	OHIO	DW	OH-ENGLEWOOD-605 VALLEYVIEW DR -LEAK-REPAIR~~	10-Jun-14	MDPE	1.00 INCH	Curb to Meter	63	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$514	\$4.16	\$262	\$2,931	\$1,483	\$5,191	\$514	\$262	\$2,931	\$1,483	\$5,191	
11382888	OHIO	CN	OH-DAYTON-1522 W FIFTH ST -LEAK-REPAIR~~ LEAK-REPAIR	10-Jun-14	MDPE	1.00 INCH	Main to Curb	6	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11381560	OHIO	TR	OH-SIDNEY-230 E POPLAR ST -LEAK-REPAIR~~	10-Jun-14	N/A	N/A	Main to Curb	0	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11360156	OHIO	CN	OH-DAYTON-115 STORMS RD ~~~1360156	10-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488	
11360963	OHIO	CN	OH-DAYTON-2517 S CHARLES AVE -LEAK-REPAIR~~	10-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	60	\$2.16	\$129	\$1.17	\$70	\$2,222	\$969	\$3,390	\$5.49	\$330	\$2.97	\$178	\$1,120	\$651	\$2,280	\$459	\$248	\$3,342	\$1,620	\$5,670	
11373825	OHIO	CN	OH-DAYTON-1955 W BATAAM DR -LEAK-REPAIR~~FISHEL	10-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	40	\$2.16	\$96	\$1.17	\$47	\$2,222	\$942	\$3,297	\$5.49	\$220	\$2.97	\$119	\$1,120	\$594	\$2,043	\$306	\$166	\$3,342	\$1,526	\$5,340	
11380338	OHIO	DW	OH-DAYTON-742 CLEVELY RD -LEAK-REPAIR~~MILLER	10-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$390	\$211	\$3,342	\$1,577	\$5,521	
11380468	OHIO	CN	OH-DAYTON-3720 VALLEYWOOD -LEAK-REPAIR~~FISHEL	10-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	84	\$2.16	\$181	\$1.17	\$98	\$2,222	\$1,001	\$3,502	\$5.49	\$461	\$2.97	\$250	\$1,120	\$733	\$2,564	\$643	\$348	\$3,342	\$1,733	\$6,066	
11382580	OHIO	DW	OH-WEST ALEXANDRIA-3119 E US 35 -LEAK-REPAIR~~MILLER	11-Jun-14	STEEL	1.00 INCH	Curb to Meter	1	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$8	\$4.16	\$4	\$2,931	\$1,177	\$4,121	\$8	\$4	\$2,931	\$1,177	\$4,121	
11382944	OHIO	DW	OH-DAYTON-271 SOUTH FINDLAY STREET -LEAK-REPAIR~~MILLER	11-Jun-14	MDPE	1.00 INCH	Curb to Meter	39	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$318	\$4.16	\$216	\$2,931	\$1,365	\$4,777	\$318	\$162	\$2,931	\$1,365	\$4,777	
11304219	OHIO	FA	OH-DAYTON-1722 RUSSET AVE -LEAK-REPAIR~~	11-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	40	\$2.16	\$96	\$1.17	\$47	\$2,222	\$942	\$3,297	\$5.49	\$220	\$2.97	\$119	\$1,120	\$594	\$2,043	\$306	\$166	\$3,342	\$1,526	\$5,340	
11321699	OHIO	TR	OH-TIPP CITY-7733 ALLEN PARK DR ~-REPLACE SERVICE	11-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$120	\$1,120	\$651	\$2,209	\$413	\$224	\$3,342	\$1,592	\$5,571	
9231362	OHIO	DW	OH-DAYTON-315 S WRIGHT AVE ~-DIS UP CURB BOX AND DEPOSITION OVER VALVE WILL NEED CREW	11-Jun-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$989	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,537	\$4,679	
11191828	OHIO	TR	OH-VERSAILLES-98 STEVENSON - RENEW SERVICE	11-Jun-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222															

## VEDO 2014 Service Replacement Work Order Detail &amp; Cost Allocation

										Totals (\$5000+)		\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583								
										Main to Carb (Non-Incremental)										Curb to Meter (Incremental)										Grand Total (Main to Curb + Curb to Meter)				
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-size	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Material cost	Subtotal main to curb	Labor cost/ft	Material cost	Subtotal curb to meter	Labor cost/ft	Material cost	Subtotal curb to meter	Labor cost/ft	Material cost	Subtotal curb to meter	Total labor cost	Total material cost	Total cost	Total overhead cost	Total all costs									
11290525	OHIO	DW	OH-DAYTON-4017 DELPHOS AVE -LEAK REPAIR-MILLER	18-Jun-14	MDPE	1.00 INCH	Curb to Meter	36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.16	\$294	\$4.16	\$150	\$2,931	\$1,350	\$4,725	\$294	\$150	\$2,831	\$1,350	\$4,725							
11348318	OHIO	CN	OH-KETTERING-1405 TAMM SHANLEY -LEAK REPAIR-FISHEL	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	250	\$2.16	\$598	\$1,471	\$117	\$2,222	\$1,117	\$481	\$4,080	\$5,491	\$1,373	\$2,919	\$2,141	\$1,120	\$1,116	\$2,891	\$5,491	\$2,891	\$5,342								
11359594	OHIO	CN	OH-DAYTON-1202 CRESTGATE AVE -LEAK REPAIR-FISHEL	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	71	\$2.16	\$153	\$1.17	\$83	\$2,222	\$983	\$3,441	\$5,491	\$390	\$2,917	\$214	\$1,120	\$689	\$1,410	\$543	\$294	\$3,342	\$1,072	\$4,851							
11394816	OHIO	FA	OH-KETTERING-2138 W BATAAM DR -LEAK REPAIR-FISHEL	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	60	\$2.16	\$129	\$1.17	\$70	\$2,222	\$969	\$3,390	\$5,491	\$330	\$2,917	\$178	\$1,120	\$651	\$2,890	\$459	\$248	\$3,342	\$1,620	\$5,670							
11380525	OHIO	CN	OH-DAYTON-1208 EPWORTH AVE -LEAK REPAIR-FISHEL	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	55	\$2.16	\$119	\$1.17	\$64	\$2,222	\$962	\$3,367	\$5,491	\$302	\$2,917	\$163	\$1,120	\$634	\$2,220	\$421	\$228	\$3,342	\$1,596	\$5,587							
11384833	OHIO	DW	OH-NEW LEBANON-9277 W THIRD ST -LEAK REPAIR-	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	59	\$2.16	\$127	\$1.17	\$69	\$2,222	\$967	\$3,385	\$5,491	\$324	\$2,917	\$175	\$1,120	\$648	\$2,268	\$451	\$244	\$3,342	\$1,615	\$5,653							
11395944	OHIO	CN	OH-OWAWOOD-416 MONTAIREY AVE -LEAK REPAIR-FISHEL	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	80	\$2.16	\$173	\$1.17	\$93	\$2,222	\$995	\$3,483	\$5,491	\$439	\$2,917	\$238	\$1,120	\$719	\$2,517	\$612	\$331	\$3,342	\$1,714	\$6,000							
11392544	OHIO	CN	OH-OWAWOOD-416 HADLEY AVE -SERVICE RENEWAL	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	76	\$2.16	\$164	\$1.17	\$89	\$2,222	\$990	\$3,465	\$5,491	\$417	\$2,917	\$226	\$1,120	\$706	\$2,469	\$581	\$315	\$3,342	\$1,695	\$5,934							
11391154	OHIO	CN	OH-PLEASANT HILL-205 W MAIN ST -LEAK REPAIR-FISHEL	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	52	\$2.16	\$120	\$1.17	\$76	\$2,222	\$975	\$3,440	\$5,491	\$320	\$2,917	\$160	\$1,120	\$640	\$2,260	\$450	\$244	\$3,342	\$1,614	\$5,750							
11394812	OHIO	CN	OH-DAYTON-1312 CARLISLE AVE -LEAK REPAIR-FISHEL	18-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	63	\$2.16	\$136	\$1.17	\$74	\$2,222	\$973	\$3,404	\$5,491	\$346	\$2,917	\$187	\$1,120	\$661	\$2,315	\$462	\$261	\$3,342	\$1,634	\$5,719							
11370011	OHIO	FA	OH-FAIRMORN-900 E DAYTON VILLAGE SPRINGS RD -LEAK REPAIR -LEAK REPAIR	18-Jun-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104						
11396652	OHIO	DW	OH-DAYTON-2718 HAZLEBROOK DR -LEAK REPAIR--	19-Jun-14	MDPE	1.00 INCH	Curb to Meter	57	\$																									

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

							Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583					
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length																			
									Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)								
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs
11304986	OHIO	DW	OH-DAYTON-3214 FOREST GROVE AVE *** WATER PROBLEM DIG UP TAP	30-Jun-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$0.17	\$0	\$0.2222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1.120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679
11401202	OHIO	CN	OH-DAYTON-196 W STROOP -LEAK-REPAIR***FISHEL	30-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	55	\$2.16	\$119	\$1.17	\$64	\$2,222	\$962	\$3,367	\$5.49	\$302	\$2.97	\$163	\$1.120	\$654	\$2,200	\$421	\$228	\$3,342	\$1,596	\$5,587
11415988	OHIO	DW	OH-DAYTON-301 S FINDLAY ST -LEAK-REPAIR***MILLER	30-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	67	\$2.16	\$145	\$1.17	\$78	\$2,222	\$978	\$3,423	\$5.49	\$368	\$2.97	\$199	\$1.120	\$675	\$2,363	\$513	\$277	\$3,342	\$1,653	\$5,705
11426657	OHIO	CN	OH-DAYTON-23 CLOVER ST -LEAK-REPAIR***	30-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	53	\$2.16	\$114	\$1.17	\$62	\$2,222	\$959	\$3,357	\$5.49	\$291	\$2.97	\$158	\$1.120	\$628	\$2,197	\$405	\$219	\$3,342	\$1,587	\$5,554
11415952	OHIO	FA	OH-FAIRBORN-1345 WALNUT BEND CT -LEAK-REPAIR***FISHEL	30-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	64	\$2.16	\$138	\$1.17	\$75	\$2,222	\$974	\$3,409	\$5.49	\$352	\$2.97	\$190	\$1.120	\$665	\$2,327	\$490	\$265	\$3,342	\$1,639	\$5,736
11445181	OHIO	CN	OH-DAYTON-ARGELLA AND SOUTH SMITHVILLE AVENUE -LEAK-REPAIR***	30-Jun-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	53	\$2.16	\$114	\$1.17	\$62	\$2,222	\$959	\$3,357	\$5.49	\$291	\$2.97	\$158	\$1.120	\$628	\$2,197	\$405	\$219	\$3,342	\$1,587	\$5,554
11445360	OHIO	CN	OH-KETTERING-651 BROAD BLVD -LEAK-REPAIR***	1-Jul-14	MDPE	1.00 INCH	Curb to Meter	44	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.16	\$359	\$4.16	\$183	\$2,931	\$1,389	\$4,863	\$359	\$183	\$2,931	\$1,389	\$4,863
11450629	OHIO	TR	OH-ARCANUM-657 US RT 127 -LEAK-REPAIR***	1-Jul-14	MDPE	1.00 INCH	Curb to Meter	56	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.16	\$457	\$4.16	\$233	\$2,931	\$1,449	\$5,070	\$457	\$233	\$2,931	\$1,449	\$5,070
11449344	OHIO	FA	OH-FAIRBORN-1309 RAVENWOODS RD -LEAK-REPAIR***	1-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	8	\$2.16	\$17	\$1.17	\$9	\$2,222	\$899	\$3,148	\$5.49	\$44	\$2.97	\$24	\$1.120	\$475	\$1,663	\$61	\$33	\$3,342	\$1,376	\$4,811
11444700	OHIO	CN	OH-DAYTON-15 JAMES ST -LEAK-REPAIR***	1-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	64	\$2.16	\$138	\$1.17	\$75	\$2,222	\$974	\$3,409	\$5.49	\$352	\$2.97	\$190	\$1.120	\$665	\$2,327	\$490	\$265	\$3,342	\$1,639	\$5,736
11445180	OHIO	FA	OH-KETTERING-1703 DUTCHESS AVE -LEAK-REPAIR***	1-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	61	\$2.16	\$132	\$1.17	\$71	\$2,222	\$970	\$3,395	\$5.49	\$335	\$2.97	\$181	\$1.120	\$655	\$2,291	\$467	\$253	\$3,342	\$1,625	\$5,686
11449655	OHIO	FA	OH-FAIRBORN-554 E DAYTON-YELLOWSPRINGS RD -LEAK-REPAIR***	1-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	56	\$2.16	\$121	\$1.17	\$65	\$2,222	\$963	\$3,371	\$5.49	\$308	\$2.97	\$166	\$1.120	\$638	\$2,232	\$428	\$232	\$3,342	\$1,601	\$5,604
11445328	OHIO	WC	OH-WILMINGTON-41 FAIRLAND DR -LEAK-REPAIR***	1-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	80	\$2.16	\$173	\$1.17	\$93	\$2,222	\$995	\$3,483	\$5.49	\$439	\$2.97	\$238	\$1.120	\$719	\$2,517	\$612	\$331	\$3,342	\$1,714	\$6,000
11323756	OHIO	DW	OH-DAYTON-2717 ONTARIO AVE ***RENEW SERVICE - OUPS CLEARS 6/27	1-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$54	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1.120	\$604	\$2,114	\$352	\$190	\$3,342	\$1,554	\$5,439
11466024	OHIO	BF	OH-HUNTSVILLE-5 BUCKEYE DR -LEAK-REPAIR***	1-Jul-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0 Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11001416	OHIO	TR	OH-TROY-1910 CREEKWOOD DR ***RESZG	1-Jul-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0 Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1						



VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583										
							Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal curb to meter					Grand Total (Main to Curb + Curb to Meter)									
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs				
11205643	OHIO	CN	OH-CENTERVILLE-475 SADDLE PARK CT -LEAK-REPAIR~~LOCATE CLEARS 7/10	10-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$390	\$211	\$3,342	\$1,577	\$5,521				
11481271	OHIO	CN	OH-KETTERING-1708 REDBUSH AVENUE -LEAK-REPAIR~~RENEWAL - REFER TO FISHEL	11-Jul-14	MDPE	1.00 INCH	Curb to Meter	70	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$571	\$4.16	\$291	\$2,931	\$1,518	\$5,311	\$571	\$291	\$2,931	\$1,518	\$5,311				
11479553	OHIO	DW	OH-DAYTON-2433 FALMOUTH AVE -LEAK-REPAIR~~MILLER	11-Jul-14	MDPE	1.00 INCH	Curb to Meter	53	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$432	\$4.16	\$220	\$2,931	\$1,434	\$5,019	\$432	\$220	\$2,931	\$1,434	\$5,019				
11479427	OHIO	CN	OH-DAYTON-28 PARK DR -LEAK-REPAIR~~FISHEL	11-Jul-14	MDPE	1.00 INCH	Curb to Meter	33	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$269	\$4.16	\$137	\$2,931	\$1,335	\$4,673	\$269	\$137	\$2,931	\$1,335	\$4,673				
11480710	OHIO	DW	OH-HUBER HEIGHTS-8318 CHINA BERRY PL -LEAK-REPAIR~~LEAK-REPAIR	11-Jul-14	MDPE	1.00 INCH	Curb to Meter	1	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$8	\$4.16	\$4	\$2,931	\$1,177	\$4,121	\$8	\$4	\$2,931	\$1,177	\$4,121				
11481274	OHIO	CN	OH-DAYTON-120 CROSS ST -LEAK-REPAIR~~	11-Jul-14	MDPE	1.00 INCH	Curb to Meter	21	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$171	\$4.16	\$87	\$2,931	\$1,276	\$4,466	\$171	\$87	\$2,931	\$1,276	\$4,466				
11478689	OHIO	WC	OH-BOWERSVILLE-5818 XENIA ST -LEAK-REPAIR~~FISHEL	11-Jul-14	MDPE	1.00 INCH	Curb to Meter	23	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$188	\$4.16	\$96	\$2,931	\$1,286	\$4,501	\$188	\$96	\$2,931	\$1,286	\$4,501				
11478666	OHIO	FA	OH-DAYTON-1700 SUMAN AVE -LEAK-REPAIR~~FISHEL	11-Jul-14	MDPE	1.00 INCH	Curb to Meter	140	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$1,142	\$4.16	\$582	\$2,931	\$1,862	\$6,519	\$1,142	\$582	\$2,931	\$1,862	\$6,519				
11480704	OHIO	FA	OH-NORTH HAMPTON-46 N MAIN ST -LEAK-REPAIR~~FISHEL	11-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	85	\$2.16	\$183	\$1.17	\$99	\$2,222	\$1,002	\$3,506	\$5.49	\$467	\$2.97	\$253	\$1,120	\$736	\$2,576	\$650	\$352	\$3,342	\$1,738	\$6,082				
11479502	OHIO	DW	OH-DAYTON-5975 MARVEL LN -LEAK-REPAIR~~MILLER	11-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	142	\$2.16	\$306																					

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583													
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)																									
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter												
																Curb to Meter (Incremental)						Grand Total (Main to Curb + Curb to Meter)												
																						Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs								
11493059	OHIO	CN	OH-MIAMSBURG-3600 REGRY DR -LEAK-REPAIR---	21-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	52	\$2.16	\$112	\$1.17	\$61	\$2,222	\$958	\$3,353	\$5.49	\$286	\$2.97	\$155	\$1,120	\$624	\$2,185	\$398	\$215	\$3,342	\$1,582	\$5,538							
11491726	OHIO	WC	OH-WASHINGTON COURT HOUSE-910 S. NORTH--- SERVICE RENEWAL	21-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3,342	\$1,582	\$5,571							
11496923	OHIO	FA	OH-KENIA-495 RIDGEWAY DR -LEAK-REPAIR--- LEAK-REPAIR	21-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	63	\$2.16	\$136	\$1.17	\$74	\$2,222	\$973	\$3,404	\$5.49	\$346	\$2.97	\$187	\$1,120	\$661	\$2,315	\$482	\$261	\$3,342	\$1,634	\$5,719							
11494264	OHIO	CN	OH-DAYTON-1643 COUNTRY RD -LEAK-REPAIR--- LEAK-REPAIR	21-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$98	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356							
11493703	OHIO	CN	OH-DAYTON-807 HODAPP -LEAK-REPAIR---	21-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	40	\$2.16	\$96	\$1.17	\$47	\$2,222	\$942	\$3,297	\$5.49	\$220	\$2.97	\$119	\$1,120	\$584	\$2,043	\$306	\$166	\$3,342	\$1,526	\$5,340							
11494817	OHIO	DW	OH-VANDALIA-650 W NATIONAL RD -LEAK-REPAIR--- LEAK-REPAIR	21-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679							
11117892	OHIO	FA	OH-RIVERSIDE-5459 ROBINWOOD -LEAK-REPAIR---LOCATE CLEARS 7/11 - STREET	21-Jul-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389							
10400600	OHIO	CN	OH-DAYTON-1241 BLAIRWOOD AVE ---RESIZE GAS	21-Jul-14	N/A		Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0 Unit cost	\$482																		

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583				
						Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal					Grand Total (Main to Curb + Curb to Meter)				
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VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583						
						Main to Curb (Non-Incremental)				Curb to Meter (Incremental)					Subtotal		Grand Total (Main to Curb + Curb to Meter)										
						Subtotal				Subtotal					Curb to meter		Total										
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs
11548793	OHIO	CN	OH-0AKWOOD-GLENORA AND VOLUSIA AVE -LEAK-REPAIR---	11-Aug-14	MDPE	1.00 INCH	Main to Curb	14	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509
11525163	OHIO	DW	OH-DAYTON-125 HUDON AVE -LEAK-REPAIR---LOCATE CLEARS 8/12 - HAS BEEN PINNED	11-Aug-14	MDPE	1.00 INCH	Main to Curb	11	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509
11541852	OHIO	DW	OH-DAYTON-210 E 15TH ST -LEAK-REPAIR---MILLER	11-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	35	\$2.16	\$75	\$1.17	\$41	\$2,222	\$905	\$3,274	\$5.49	\$192	\$2.97	\$104	\$1,120	\$667	\$1,983	\$268	\$145	\$3,342	\$1,502	\$5,257
11545458	OHIO	CN	OH-BELLBROOK-1990 S BELLVIEW ---REPLACE REPLACEMENT AND REBUILD CROOKED METER SETTING - FISHEL	11-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	86	\$2.16	\$186	\$1.17	\$100	\$2,222	\$1,003	\$3,511	\$5.49	\$472	\$2.97	\$256	\$1,120	\$739	\$2,588	\$658	\$356	\$3,342	\$1,743	\$6,099
11205800	OHIO	CN	OH-0AKWOOD-272 VOLUSIA AVE -LEAK-REPAIR---LOCATE CLEARS 7/14	11-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$54	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1,120	\$604	\$2,114	\$352	\$190	\$3,342	\$1,554	\$5,439
11184690	OHIO	FA	OH-FAIRBORN-3087 BURR OAK CT -LEAK-REPAIR---LOCATE CLEARS 8/5 FOR RENEWAL - WILL NEED 3	11-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	38	\$2.16	\$82	\$1.17	\$44	\$2,222	\$939	\$3,288	\$5.49	\$209	\$2.97	\$113	\$1,120	\$577	\$2,019	\$291	\$157	\$3,342	\$1,516	\$5,307
11205798	OHIO	CN	OH-DAYTON-272 VOLUSIA AVE -LEAK-REPAIR---CUPS CLEARS 7/14 FOR REPAIR - STREET	11-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	39	\$2.16	\$84	\$1.17	\$46	\$2,222	\$941	\$3,292	\$5.49	\$214	\$2.97	\$116	\$1,120	\$580	\$2,031	\$298	\$161	\$3,342	\$1,521	\$5,323
11546746	OHIO	DW	OH-DAYTON-119 S JERSEY ST -LEAK-REPAIR---MILLER	12-Aug-14	MDPE	1.00 INCH	Curb to Meter	6	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
11515572	OHIO	WC	OH-WASHINGTON COURT HOUSE-823 E PAINT ST -LEAK-REPAIR---CUPS CLEARS 8/6 FOR EARLY REPAIR	12-Aug-14	MDPE	1.00 INCH	Curb to Meter	52	\$0.00	\$0	\$0.00	\$0	\$0														



VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

							Totals (\$000s):																																
							\$182					\$113		\$3,252		\$1,419		\$4,965		\$609		\$330		\$3,073		\$1,605		\$5,618		\$791		\$443		\$6,326		\$3,024		\$10,583	
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)										Curb to Meter (Incremental)					Subtotal curb to meter		Grand Total (Main to Curb + Curb to Meter)					Total all costs								
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs												
11555865	OHIO	CN	OH-DAYTON-147 OAKLAWN AVE -LEAK-REPAIR--FISHEL	21-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	45	\$2.16	\$97	\$1.17	\$53	\$2,222	\$949	\$3,320	\$5.49	\$247	\$2.97	\$134	\$1,120	\$601	\$2,102	\$344	\$186	\$3,342	\$1,549	\$5,422												
11556049	OHIO	FA	OH-DAYTON-604 HORNING PL -LEAK-REPAIR--FISHEL	21-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	37	\$2.16	\$80	\$1.17	\$43	\$2,222	\$938	\$3,283	\$5.49	\$203	\$2.97	\$110	\$1,120	\$573	\$2,007	\$283	\$153	\$3,342	\$1,511	\$5,290												
11298036	OHIO	DW	OH-DALTON-102 WURDON AVE -LEAK-REPAIR--LOCATE CLEARS 8/19 FOR REPAIR	21-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	57	\$2.16	\$123	\$1.17	\$67	\$2,222	\$985	\$3,376	\$5.49	\$313	\$2.97	\$169	\$1,120	\$641	\$2,244	\$436	\$236	\$3,342	\$1,606	\$5,620												
10808557	OHIO	WC	OH-WASHINGTON COURT HOUSE-444 WEST FORK RD --RESZG	21-Aug-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104											
11533039	OHIO	CN	OH-DAYTON-1214 CREIGHTON AVE --"11533039- REFER FOR RENEWAL	22-Aug-14	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$326	\$4.16	\$166	\$2,931	\$1,370	\$4,794	\$326	\$166	\$2,931	\$1,370	\$4,794											
11564325	OHIO	CN	OH-DAYTON-5789 HITHERGREEN -LEAK-REPAIR--FISHEL	22-Aug-14	MDPE	1.00 INCH	Curb to Meter	29	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$237	\$4.16	\$121	\$2,931	\$1,315	\$4,604	\$237	\$121	\$2,931	\$1,315	\$4,604											
11573113	OHIO	DW	OH-DAYTON-415 RED HAWK RD --- SERVICE RENEWAL	22-Aug-14	MDPE	1.00 INCH	Curb to Meter	84	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$685	\$4.16	\$349	\$2,931	\$1,587	\$5,553	\$685	\$349	\$2,931	\$1,587	\$5,553											
11580987	OHIO	DW	OH-DAYTON-2909 HARVARD BLVD -LEAK-REPAIR--LEAK-REPAIR	22-Aug-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679												
11574094	OHIO	CN	OH-DAYTON-2127 JOHN GLEN BLVD -LEAK-REPAIR---	22-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,536	\$5,373												
11560634	OHIO	TR	OH-NEW BREMEN-114 S. FRANKLIN ST -LEAK-REPAIR---	22-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	65	\$2.16	\$140	\$1.17	\$76	\$2,222	\$975	\$3,413	\$5.49	\$316	\$2.97	\$193	\$1,120	\$668	\$2,339	\$497	\$269	\$3,342	\$1,644	\$5,752												
11582305	OHIO	TR	OH-SIDNEY-842 FIELDS RD -LEAK-REPAIR---	23-Aug-14	MDPE	1.00 INCH	Curb to Meter	62	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$506	\$4.16	\$258	\$2,931	\$1,478	\$5,173	\$506	\$258	\$2,931	\$1,478	\$5,173											
11371310	OHIO	TR	OH-NEW MADISON N MAIN & RAILROAD TER -LEAK-REPAIR---	23-Aug-14	MDPE	1.00 INCH	Main to Curb	13	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509												
11591187	OHIO	DW	OH-DAYTON-1235 MT.VERNON AVE -LEAK-REPAIR---LEAK-REPAIR	23-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,366												
11582320	OHIO	CN	OH-GERMANTOWN-272 E GUNCKEL ST -LEAK-REPAIR---LEAK-REPAIR	23-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	82	\$2.16	\$177	\$1.17	\$96	\$2,222	\$998	\$3,492	\$5.49	\$450	\$2.97	\$244	\$1,120	\$726	\$2,540	\$627	\$339	\$3,342	\$1,724	\$6,033												
11614125	OHIO	CN	OH-CENTREVILLE-9340 LUNANON PIKE -LEAK-REPAIR---LEAK-REPAIR	23-Aug-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104											
11591209	OHIO	DW	OH-DAYTON-1235 MT. VERNON AVE -LEAK-REPAIR---LEAK-REPAIR	24-Aug-14	MDPE	1.00 INCH	Main to Curb	16	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509												
11561516	OHIO	TR	OH-FIDUA-731 S WAYNE ST -LEAK-REPAIR---	25-Aug-14	MDPE	1.00 INCH	Curb to Meter	53	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$432	\$4.16	\$220	\$2,931	\$1,434	\$5,018	\$432	\$220	\$2,931	\$1,434	\$5,018											
11562029	OHIO	FA	OH-CDARVILLE-3388 US RT 42 -LEAK-REPAIR--LOCATE CLEARS 8/25 11A	25-Aug-14	MDPE	1.00 INCH	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$8.16	\$0	\$0	\$2	\$2,931	\$1,173	\$4,104	\$0	\$0	\$1,173	\$4,104											
11591787	OHIO	FA	OH-BEAVERCREEK-4654 STONEGATE CT -LEAK-REPAIR--LEAK-REPAIR	25-Aug-14	MDPE	1.00 INCH	Curb to Meter	21	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$171	\$4.16	\$87	\$2,931	\$1,276	\$4,466	\$171	\$87	\$2,931	\$1,276	\$4,466											
11484638	OHIO	TR	OH-SIDNEY-600 S KUTHER RD -LEAK-REPAIR---	25-Aug-14	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$220	\$4.16	\$112	\$2,931	\$1,306	\$4,570	\$220	\$112	\$2,931	\$1,306	\$4,570											
11591314	OHIO	WC	OH-WASHINGTON COURT HOUSE-414 E COURT ST -LEAK-REPAIR---LEAK-REPAIR	25-Aug-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	5	\$2.16	\$11	\$1.17	\$6	\$2,222	\$895	\$3,134	\$5.49	\$27	\$2.97	\$15	\$1,120	\$465	\$1,628	\$38	\$21	\$3,342	\$1,361	\$4,762												
11591663	OHIO	TR	OH-SIDNEY-570 LESSITER BLVD -LEAK-REPAIR--LEAK-REPAIR	25-Aug-14	N/A	N/A	Meter set replacement	0																															

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583							
							Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal					Grand Total (Main to Curb + Curb to Meter)						
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs	
11598930	OHIO	TR	OH-GREENVILLE-7181 HAMMOND DR -LEAK-REPAIR~~	3-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	22	\$2.16	\$47	\$1.17	\$26	\$2,222	\$918	\$3,213	\$5.49	\$121	\$2.97	\$65	\$1,120	\$523	\$1,829	\$168	\$91	\$3,342	\$1,441	\$5,042	
11607712	OHIO	DW	OH-HUBER HEIGHTS-7196 SAFFRON DR -LEAK-REPAIR~MILLER	4-Sep-14	MDPE	1.00 INCH	Curb to Meter	68	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$555	\$4.16	\$283	\$2,931	\$1,508	\$5,277	\$555	\$283	\$2,931	\$1,508	\$5,277
11607928	OHIO	TR	OH-NEW BREMEN-301 N MAIN ST -LEAK-REPAIR~~	4-Sep-14	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$261	\$4.16	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656
11597118	OHIO	BF	OH-BELLEFONTAINE-1357 TURNER RD -LEAK-REPAIR~LOCATE CLEARS 8/29	4-Sep-14	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$220	\$4.16	\$112	\$2,931	\$1,306	\$4,570	\$220	\$112	\$2,931	\$1,306	\$4,570
10402800	OHIO	DW	OH-FARMERSVILLE-334 N ELM ST ~R52G	4-Sep-14	MDPE	1.00 INCH	Curb to Meter	26	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$212	\$4.16	\$108	\$2,931	\$1,301	\$4,552	\$212	\$108	\$2,931	\$1,301	\$4,552
11608587	OHIO	DW	OH-WEST MANCHESTER-306 N MAIN ST -LEAK-REPAIR~~	4-Sep-14	MDPE	1.00 INCH	Main to Curb	3	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11607895	OHIO	BF	OH-BELLEFONTAINE-552 N MADRIVER ST -LEAK-REPAIR~~LEAK-REPAIR	4-Sep-14	MDPE	1.00 INCH	Main to Curb	8	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11610103	OHIO	DW	OH-DAYTON-3061 JEWELSTONE DR -LEAK-REPAIR~~	4-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	15	\$2.16	\$32	\$1.17	\$18	\$2,222	\$909	\$3,181	\$5.49	\$82	\$2.97	\$45	\$1,120	\$499	\$1,746	\$115	\$62	\$3,342	\$1,408	\$4,927	
11607754	OHIO	TR	OH-TIPP CITY-4215 BERGMANT DR -LEAK-REPAIR~~ NEEDS TO GO 9/4 - OVERNIGHT RTC	4-Sep-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11609924	OHIO	TR	OH-FORT LORAME-79 EASTVIEW DR -LEAK-REPAIR~MILLER	5-Sep-14	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$367	\$4.16	\$187	\$2,931	\$1,394	\$4,880	\$367	\$187	\$2,931	\$1,394	\$4,880
11598932	OHIO	TR	OH-NEW BREMEN-03523 LOCK TWO RD -LEAK-REPAIR~~LEAK-REPAIR	5-Sep-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104
11611108	OHIO	BF	OH-BELLEFONTAINE-314 E WILLIAMS AVE -LEAK-REPAIR~~LEAK-REPAIR	5-Sep-14	MDPE	1.00 INCH	Curb to Meter	25	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$204	\$4.16	\$104	\$2,931	\$1,296	\$4,535	\$204	\$104	\$2,931	\$1,296	\$4,535
11321334	OHIO	DW	OH-ENGLEWOOD-330 RUMSON ST -LEAK-REPAIR~LOCATE CLEARS 8/19	5-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	26	\$2.16	\$56	\$1.17	\$30	\$2,222	\$923	\$3,232	\$5.49	\$143	\$2.97	\$77	\$1,120	\$536	\$1,877	\$199	\$108	\$3,342	\$1,460	\$5,109	
11555883	OHIO	TR	OH-NEW MADISON-162 N MAIN ST -LEAK-REPAIR~~	5-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	81	\$2.16	\$175	\$1.17	\$95	\$2,222	\$997	\$3,488	\$5.49	\$445	\$2.97	\$241	\$1,120	\$722	\$2,529	\$620	\$335	\$3,342	\$1,769	\$5,016	
11610579	OHIO	CN	OH-DAYTON-5. MAIN STREET AND WEST LINCOLN STREET -LEAK-REPAIR~NEEDS TO BE COMPLETED	5-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679	
11605224	OHIO	TR	OH-SIDNEY-439 E LYNDHURST ST -LEAK-REPAIR~~	5-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	10	\$2.16	\$22	\$1.17	\$12	\$2,222	\$902	\$3,157	\$5.49	\$55	\$2.97	\$30	\$1,120	\$482	\$1,687	\$77	\$41	\$3,342	\$1,384	\$4,844	
11264824	OHIO	DW	OH-RIVERSIDE-4115 LAKEBACK PL -LEAK-REPAIR~~OUPS CLEARS 9/5 FOR EARLY REPAIR	5-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,554	\$5,488	
11608924	OHIO	CN	OH-GERMANTOWN-135 NORTH HULLBERRY ST -LEAK-REPAIR~~FISHEL	5-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	65	\$2.16	\$109	\$1.17	\$61	\$2,222	\$958	\$3,352	\$5.49	\$286	\$2.97	\$155	\$1,120	\$659	\$2,185	\$348	\$215	\$3,342	\$1,582	\$5,486	
11605450	OHIO	CN	OH-NEW BREMEN-255 N FRANKLIN ST -LEAK-REPAIR~MILLER	5-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	85	\$2.16	\$183	\$1.17	\$99	\$2,222	\$1,002	\$3,506	\$5.49	\$467	\$2.97	\$253	\$1,120	\$736	\$2,576	\$650	\$352	\$3,342	\$1,738	\$6,082	
11619814	OHIO	CN	OH-DAYTON-5. MAIN ST. AND STOUT ST. -LEAK-REPAIR~~LEAK-REPAIR	5-Sep-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679	
11627151	OHIO	TR	OH-TROY-1215 PINE ST -LEAK-REPAIR~~LEAK-REPAIR	5-Sep-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11612126	OHIO	CN	OH-CENTERVILLE-9415 RIDINGS BLVD -LEAK-REPAIR~~LEAK-REPAIR	6-Sep-14	MDPE	1.00 INCH	Curb to Meter	4	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$33	\$4.16	\$17	\$2,931	\$1,192	\$4,173	\$33	\$17	\$2,931	\$1,192	\$4,173
11613510	OHIO	TR	OH-FORT LORAME-79 79 EASTVIEW DRIVE -LEAK-REPAIR~~LEAK-REPAIR	7-Sep-14	MDPE	1.00 INCH	Curb to Meter	19	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$155	\$4.16	\$79	\$2,931	\$1,266	\$4,432	\$155	\$79	\$2,931	\$1,266	\$4,432
11612270	OHIO	CN	OH-CENTERVILLE-5047 GLENMIRA DR -LEAK-REPAIR~~LEAK-REPAIR	7-Sep-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11607717	OHIO	TR	OH-PIQUA-303 ELMHURST AVE -LEAK-REPAIR~MILLER	7-Sep-14	MDPE	1.00 INCH																						

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Totals (\$000s)										\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583			
										Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)							
										Subtotal					Subtotal					Total							
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed- material	pipe_installed- size	Service Replacement Type	pipe_installed- length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs
11628240	OHIO	DW	OH-HUBER HEIGHTS-8951 SWINGING GATE -LEAK REPAIR---LEAK REPAIR	12-Sep-14	MDPE	1.00 INCH	Curb to Meter	37	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$302	\$4.16	\$154	\$2,931	\$1,355	\$4,742	\$302	\$154	\$2,931	\$1,355	\$4,742
11621901	OHIO	CN	OH-KETTERING-401 STONEBURGH DR -LEAK REPAIR---LEAK REPAIR	12-Sep-14	MDPE	1.00 INCH	Curb to Meter	71	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$579	\$4.16	\$126	\$2,931	\$1,355	\$5,329	\$579	\$296	\$3,931	\$1,822	\$5,329
11653740	OHIO	CN	OH-DAYTON-5050 WILMINGTON DR -LEAK REPAIR---LEAK REPAIR	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	20	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11619440	OHIO	CN	OH-CLAYTON-5971 WEST WENGER ROAD -LEAK REPAIR---MILLER	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	105	\$2.16	\$229	\$1.17	\$124	\$2,222	\$1,030	\$3,604	\$5.49	\$582	\$2.97	\$315	\$1,120	\$807	\$2,826	\$811	\$437	\$3,342	\$1,827	\$6,409
11620290	OHIO	CN	OH-DAYTON-3305 WHITE OAK -LEAK REPAIR---FISHEL	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	62	\$2.16	\$134	\$1.17	\$72	\$2,222	\$971	\$3,399	\$5.49	\$341	\$2.97	\$184	\$1,120	\$658	\$2,303	\$744	\$257	\$3,342	\$1,629	\$5,703
11616080	OHIO	DW	OH-HUBER HEIGHTS-6765 STONEHURST DR -LEAK REPAIR---	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$390	\$211	\$3,342	\$1,577	\$5,621
11624254	OHIO	TR	OH-CASTINE-212 N MAIN ST -LEAK REPAIR---LEAK REPAIR	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,451
11620782	OHIO	DW	OH-DAYTON-208 W PARKWOOD DR -LEAK REPAIR---BITTER	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	45	\$2.16	\$97	\$1.17	\$53	\$2,222	\$949	\$3,320	\$5.49	\$247	\$2.97	\$134	\$1,120	\$601	\$2,102	\$344	\$186	\$3,342	\$1,549	\$5,422
11624363	OHIO	DW	OH-DAYTON-3711 WESLEYAN DR -LEAK REPAIR---LEAK REPAIR	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	45	\$2.16	\$97	\$1.17	\$53	\$2,222	\$949	\$3,320	\$5.49	\$247	\$2.97	\$134	\$1,120	\$601	\$2,102	\$344	\$186	\$3,342	\$1,549	\$5,422
11624616	OHIO	DW	OH-ARCUMBA-703 W SOUTH ST -LEAK REPAIR---MILLER	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	11	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$16	\$4.16	\$8	\$2,931	\$1,355	\$4,893	\$16	\$8	\$2,931	\$1,355	\$4,893
11379797	OHIO	DW	OH-KETTERING-62 HICKORY ST -LEAK REPAIR---FISHEL	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373
11163194	OHIO	CN	OH-KETTERING-4091 OVERLAND TR -LEAK REPAIR---	12-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	53	\$2.16	\$114	\$1.17	\$62	\$2,222	\$959	\$3,357	\$5.49	\$291	\$2.97	\$158	\$1,120	\$628	\$2,197	\$405	\$219	\$3,342	\$1,587	\$5,554
11623121	OHIO	CN	OH-MIAMISSBURG-19 SEVENTH ST -LEAK REPAIR---	13-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$54	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1,120	\$604	\$2,114	\$352	\$190	\$3,342	\$1,554	\$5,439
11622946	OHIO	WC	OH-GREENFIELD-429 BOYD AVE -LEAK REPAIR---LEAK REPAIR	13-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200																				

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						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583																	
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal main to curb					Subtotal curb to meter					Grand Total (Main to Curb + Curb to Meter)					Total all costs				
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs					
11641638	OHIO	FA	OH-NEW CARLSLE-215 RAWSON AVE -LEAK-REPAIR~MILLER	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1.20	\$594	\$2,078	\$329	\$178	\$3.342	\$1,540	\$5,389	\$329	\$178	\$3.342	\$1,540	\$5,389						
116533270	OHIO	DW	OH-DAYTON-2354 CARDINAL AVE -LEAK-REPAIR~	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3.342	\$1,337	\$4,679	\$0	\$0	\$3.342	\$1,337	\$4,679						
11618316	OHIO	CN	OH-DAWWOOD-FAR HILLS AVE -LEAK-REPAIR~FISHEL	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$380	\$211	\$3.342	\$1,577	\$5,321	\$380	\$211	\$3.342	\$1,577	\$5,321						
11608555	OHIO	TR	OH-TROY-925 S MARKET ST -LEAK-REPAIR~NEEDS OUPS FOR REPAIR	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	12	\$2.16	\$26	\$1.17	\$14	\$2,222	\$905	\$3,167	\$5.49	\$66	\$2.97	\$36	\$1,120	\$489	\$1,711	\$92	\$50	\$3.342	\$1,304	\$4,877	\$92	\$50	\$3.342	\$1,304	\$4,877						
11632286	OHIO	CN	OH-CENTERVILLE-85 ZENGEL DR -LEAK-REPAIR~	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	62	\$2.16	\$134	\$1.17	\$72	\$2,222	\$971	\$3,399	\$5.49	\$341	\$2.97	\$184	\$1,120	\$658	\$2,303	\$474	\$257	\$3.342	\$1,629	\$5,703	\$474	\$257	\$3.342	\$1,629	\$5,703						
11622875	OHIO	FA	OH-KETTERING-3040 REVLON DR -LEAK-REPAIR~FISHEL	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	66	\$2.16	\$142	\$1.17	\$77	\$2,222	\$977	\$3,418	\$5.49	\$363	\$2.97	\$196	\$1,120	\$672	\$2,351	\$505	\$273	\$3.342	\$1,648	\$5,769	\$505	\$273	\$3.342	\$1,648	\$5,769						
11631046	OHIO	CN	OH-KETTERING-3109 BLOSSOM HEATH ROAD -LEAK-REPAIR~FISHEL	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	95	\$2.16	\$205	\$1.17	\$111	\$2,222	\$1,015	\$3,553	\$5.49	\$522	\$2.97	\$282	\$1,120	\$770	\$2,694	\$727	\$393	\$3.342	\$1,785	\$6,247	\$727	\$393	\$3.342	\$1,785	\$6,247						
11631574	OHIO	DW	OH-PHILLIPSBURG-128 N POPLAR ST S-LEAK-REPAIR~	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	26	\$2.16	\$56	\$1.17	\$30	\$2,222	\$923	\$3,232	\$5.49	\$143	\$2.97	\$77	\$1,120	\$536	\$1,877	\$199	\$108	\$3.342	\$1,460	\$5,109	\$199	\$108	\$3.342	\$1,460	\$5,109						
11608556	OHIO	TR	OH-TROY-925 S MARKET ST -LEAK-REPAIR~DUPLICATE ORDER	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	12	\$2.16	\$26	\$1.17	\$14	\$2,222	\$905	\$3,167	\$5.49	\$66	\$2.97	\$36	\$1,120	\$489	\$1,711	\$92	\$50	\$3.342	\$1,394	\$4,877	\$92	\$50	\$3.342	\$1,394	\$4,877						
11602286	OHIO	FA	OH-SOUTH CHARLESTON-211 COLUMBUS ST -LEAK-REPAIR~LOCATE CLEARS 9/18	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	28	\$2.16	\$60	\$1.17	\$33	\$2,222	\$926	\$3,241	\$5.49	\$154	\$2.97	\$83	\$1,120	\$543	\$1,900	\$214	\$116	\$3.342	\$1,460	\$5,142	\$214	\$116	\$3.342	\$1,460	\$5,142						
11641639	OHIO	FA	OH-NEW CARLSLE-314 RAWSON AVE -LEAK-REPAIR~MILLER	19-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	55	\$2.16	\$119	\$1.17	\$64	\$2,222	\$962	\$3,367	\$5.49	\$302	\$2.97	\$163	\$1,120	\$634	\$2,220	\$421	\$228	\$3.342	\$1,596	\$5,587	\$421	\$228	\$3.342	\$1,596	\$5,587						
11632488	OHIO	CN	OH-MIAMISBURG-1639 PHYLUS AVE -LEAK-REPAIR~FISHEL	20-Sep-14	MDPE	1.00 INCH	Curb to Meter	103	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$840	\$4.16	\$428	\$2,931	\$1,680	\$5,881	\$840	\$428	\$2,931	\$1,680	\$5,881	\$840	\$428	\$2,931	\$1,680	\$5,881						
11633504	OHIO	DW	OH-DAYTON-3796 REINWOOD DR -LEAK-REPAIR~	20-Sep-14	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$261	\$4.16	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656						
10519377	OHIO	DW	OH-VANDALIA-55 FOLEY DR ~RESIZE	20-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3.342	\$1,592	\$5,571	\$413	\$224	\$3.342	\$1,592	\$5,571						
11630102	OHIO	FA	OH-DAYTON-1838 DELUMAN AVE -LEAK-REPAIR~FISHEL	22-Sep-14	MDPE	1.00 INCH	Curb to Meter	48	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$392	\$4.16	\$200	\$2,931	\$1,409	\$4,932	\$392	\$200	\$2,931	\$1,409	\$4,932	\$392	\$200	\$2,931	\$1,409	\$4,932						
11635670	OHIO	BF	OH-HUNTSVILLE-9400 LAKESHORE DR E-LEAK-REPAIR~LEAK-REPAIR	22-Sep-14	MDPE	1.00 INCH	Curb to Meter	1	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$8	\$4.16	\$4	\$2,931	\$1,177	\$4,121	\$8	\$4	\$2,931	\$1,177	\$4,121	\$8	\$4	\$2,931	\$1,177	\$4,121						
11633570	OHIO	CN	OH-KETTERING-721 E STROOD RD -LEAK-REPAIR~FISHEL	22-Sep-14	MDPE	1.00 INCH	Curb to Meter	80	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$734	\$4.16	\$374	\$2,931	\$1,616	\$5,656	\$734	\$374	\$2,931	\$1,616	\$5,656	\$734	\$374	\$2,931	\$1,616	\$5,656						
11632567	OHIO	DW	OH-DAYTON-3043 SOUTH MAIN STREET -LEAK-REPAIR~FISHEL	22-Sep-14	MDPE	1.00 INCH	Curb to Meter	129	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$1,044	\$4.16	\$532	\$2,931	\$1,581	\$6,122	\$1,044	\$532	\$2,931	\$1,581	\$6,122	\$1,044	\$532	\$2,931	\$1,581	\$6,122						
11545111	OHIO	DW	OH-DAYTON-ROCKFORD AVE -LEAK-REPAIR~PINNED FOR REPAIR - STREET	22-Sep-14	N/A	N/A	Main to Curb	0	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509					
11685546	OHIO	DW	OH-DAYTON-603 S LUDLOW ST -LEAK-REPAIR~	22-Sep-14	MDPE	1.00 INCH	Main to Curb																															



VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583															
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal main to curb					Subtotal curb to meter					Grand Total (Main to Curb + Curb to Meter)											
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs									
11383444	OHIO	CN	OH-CENTERVILLE-1351 E SOCIAL ROW RD ***RESZG- H/L PASSED 9/30	26-Sep-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11660208	OHIO	FA	OH-WILBERFORCE-1325 WILBERFORCE CLIFTON RD -LEAK-REPAIR***	26-Sep-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11462267	OHIO	CN	OH-DAYTON-723 STANBROOK DR ***RESZG- H/L PASSED 9/22	26-Sep-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11661772	OHIO	FA	OH-DAYTON-4251 ELLIOT NW-LEAK-REPAIR***	27-Sep-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679	\$0	\$0	\$3,342	\$1,337	\$4,679	\$0	\$0	\$3,342	\$1,337	\$4,679			
11648868	OHIO	WC	OH-WILMINGTON-836 N LINCOLN ST -LEAK-REPAIR***FISHEL	27-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	83	\$2.16	\$179	\$1.17	\$97	\$2,222	\$999	\$3,497	\$5.49	\$456	\$2.97	\$247	\$1,120	\$729	\$2,552	\$635	\$344	\$3,342	\$1,728	\$6,049	\$0	\$0	\$3,342	\$1,728	\$6,049	\$0	\$0	\$3,342	\$1,728	\$6,049			
11661760	OHIO	FA	OH-FAIRBORN-1703 YELLOW ROSE CT -LEAK-REPAIR***	27-Sep-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11625983	OHIO	CN	OH-WEST CARROLLTON-4937 MARCY RD -LEAK-REPAIR***	29-Sep-14	MDPE	1.00 INCH	Curb to Meter	71	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$579	\$4.16	\$295	\$2,931	\$1,522	\$5,329	\$579	\$295	\$2,931	\$1,522	\$5,329	\$0	\$0	\$5,329	\$579	\$295	\$2,931	\$1,522	\$5,329	\$0	\$0	\$5,329	\$579	\$295
11170343	OHIO	CN	OH-CENTERVILLE-8951 TREELAND -LEAK-REPAIR***	29-Sep-14	MDPE	1.00 INCH	Curb to Meter	2	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$16	\$4.16	\$8	\$2,931	\$1,182	\$4,138	\$16	\$8	\$2,931	\$1,182	\$4,138	\$0	\$0	\$4,138	\$16	\$8	\$2,931	\$1,182	\$4,138	\$0	\$0	\$4,138	\$16	\$8
11318119	OHIO	DW	OH-DAYTON-14 POTOMAC ST -LEAK-REPAIR***MILLER	29-Sep-14	MDPE	1.00 INCH	Main to Curb	27	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	\$0	\$0	\$317	\$275	\$3,342
11615025	OHIO	TR	OH-WEST MILTON-INTERSECTION OF JAY ST & WRIGHT RD -LEAK-REPAIR***LOCATE CLEARS 9/25	29-Sep-14	MDPE	1.00 INCH	Main to Curb	10	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	\$0	\$0	\$317	\$275	\$3,342
11661791	OHIO	FA	OH-EASTON-230 N STAFFORD ST -LEAK-REPAIR***FISHEL	29-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389	\$0	\$0	\$5,389	\$329	\$178	\$3,342	\$1,540	\$5,389	\$0	\$0	\$5,389	\$329	\$178
11636712	OHIO	DW	OH-EATON-522 E MAIN ST -LEAK-REPAIR***MILLER	29-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	184	\$2.16	\$397	\$1.17	\$215	\$2,222	\$1,134	\$3,967	\$5.49	\$1,011	\$2.97	\$647	\$1,120	\$1,071	\$3,749	\$1,408	\$762	\$3,342	\$2,205	\$7,716	\$0	\$0	\$7,716	\$1,408	\$762	\$3,342	\$2,205	\$7,716	\$0	\$0	\$7,716	\$1,408	\$762
11663128	OHIO	CN	OH-WEST CARROLLTON-434 WILSON PARK -LEAK-REPAIR***	29-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	57	\$2.16	\$123	\$1.17	\$67	\$2,222	\$965	\$3,376	\$5.49	\$313	\$2.97	\$169	\$1,120	\$641	\$2,244	\$436	\$236	\$3,342	\$1,606	\$5,620	\$0	\$0	\$5,620	\$436	\$236	\$3,342	\$1,606	\$5,620	\$0	\$0	\$5,620	\$436	\$236
11655057	OHIO	DW	OH-VANDALIA-987 POOL AVE -LEAK-REPAIR***MILLER	29-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	69	\$2.16	\$149	\$1.17	\$81	\$2,222	\$981	\$3,432	\$5.49	\$379	\$2.97	\$205	\$1,120	\$682	\$2,386	\$528	\$286	\$3,342	\$1,662	\$5,818	\$0	\$0	\$5,818	\$528	\$286	\$3,342	\$1,662	\$5,818	\$0	\$0	\$5,818	\$528	\$286
11669305	OHIO	CN	OH-DAYTON-408 PIERCE ST -LEAK-REPAIR***	29-Sep-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679	\$0	\$0	\$4,679	\$0	\$0	\$3,342	\$1,337	\$4,679	\$0	\$0	\$3,342	\$1,337	\$4,679
11662341	OHIO	FA	OH-FAIRBORN-2838 FAWN DR -LEAK-REPAIR***	29-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	53	\$2.16	\$114	\$1.17	\$62	\$2,222	\$959	\$3,357	\$5.49	\$291	\$2.97	\$158	\$1,120	\$628	\$2,197	\$405	\$219	\$3,342	\$1,587	\$5,554	\$0	\$0	\$5,554	\$405	\$219	\$3,342	\$1,587	\$5,554	\$0	\$0	\$5,554	\$405	\$219
11654744	OHIO	CN	OH-DAYTON-2136 ROSEMONT BLVD -LEAK-REPAIR***FISHEL	29-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	62	\$2.16	\$134	\$1.17	\$72	\$2,222	\$971	\$3,399	\$5.49	\$341	\$2.97	\$184	\$1,120	\$658	\$2,303	\$474	\$257	\$3,342	\$1,629	\$5,703	\$0	\$0	\$5,703	\$474	\$257	\$3,342	\$1,629	\$5,703	\$0	\$0	\$5,703	\$474	\$257
11654778	OHIO	DW	OH-HUBER HEIGHTS-9877 BATON ROUGE AVE -LEAK-REPAIR***	29-Sep-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11205667	OHIO	CN	OH-MIAMISBURG-234 OLD MAIN ST -LEAK-REPAIR***NEEDS OUPS FOR REPAIR - REFERRAL	30-Sep-14	MDPE	1.00 INCH	Curb to Meter	24	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$196	\$4.16	\$100	\$2,931	\$1,291	\$4,158	\$196	\$100	\$2,931	\$1,291	\$4,158	\$0	\$0	\$4,158	\$196	\$100	\$2,931	\$1,291	\$4,158	\$0	\$0	\$4,158	\$196	\$100
11635551	OHIO	CN	OH-DAYTON-WAYNE AND ERIE AVE -LEAK-REPAIR***	30-Sep-14	MDPE	1.00 INCH	Main to Curb	6	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	\$0	\$0	\$317	\$275	\$3,342	
11674274	OHIO	FA	OH-XENIA-902 BICKETT RD -LEAK-REPAIR***	30-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	9	\$2.16	\$19	\$1.17	\$11	\$2,222	\$901	\$3,153	\$5.49	\$49	\$2.97	\$27	\$1,120	\$479	\$1,675	\$69	\$37	\$3,342	\$1,379	\$4,828	\$0	\$0	\$4,828	\$69	\$37	\$3,342	\$1,379	\$4,828	\$0	\$0	\$4,828	\$69	\$37
11662719	OHIO	CN	OH-MIAMISBURG-2164 AUTUMN HAZE TRL -LEAK-REPAIR***	30-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3,342	\$1,592	\$5,571	\$0	\$0	\$5,571	\$413	\$224	\$3,342	\$1,592	\$5,571	\$0	\$0	\$5,571	\$413	\$224
11625961	OHIO	TR	OH-TIPP CITY-519 SMITH ST -LEAK-REPAIR***LOCATE CLEARS 9/25 - HOLD	30-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	87	\$2.16	\$188	\$1.17	\$102	\$2,222	\$1,005	\$3,516	\$5.49	\$478	\$2.97	\$259	\$1,120	\$743	\$2,600	\$666	\$360	\$3,342	\$1,742	\$6,115	\$0	\$0	\$6,115	\$666	\$360	\$3,342	\$1,742	\$6,115	\$0	\$0	\$6,115	\$666	\$360
11173617	OHIO	CN	OH-KETTERING-4360 JONATHAN DR -LEAK-REPAIR***OUPS CLEARS 7/3 - REFER TO FISHEL	30-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	82	\$2.16	\$177	\$1.17	\$96	\$2,222	\$998	\$3,492	\$5.49	\$450	\$2.97	\$244	\$1,120	\$726	\$2,540	\$627	\$339	\$3,342	\$1,724	\$6,033	\$0	\$0	\$6,033	\$627	\$339	\$3,342	\$1,724	\$6,033	\$0	\$0	\$6,033	\$627	\$339
11646645	OHIO	DW	OH-DAYTON-7418 E MAIN ST -LEAK-REPAIR***MILLER	30-Sep-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	75	\$2.16	\$162	\$1.17	\$88	\$2,222	\$993	\$3,469	\$5.49	\$412	\$2.97	\$223	\$1,120	\$702	\$2,457	\$571	\$311	\$3,342	\$1,682	\$5,017	\$0	\$0	\$5,017	\$571	\$311	\$3,342	\$1,682	\$5,017	\$0	\$0	\$5,017	\$571	\$311
11671580	OHIO	WC	OH-WASHINGTON COURT HOUSE-1532 WASHINGTON AVE -LEAK-REPAIR***	1-Oct-14	MDPE	1.00 INCH	Curb to Meter	50	\$0.00	\$0	\$0.00	\$0																												

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583							
										Main to Curb (Non-Incremental)						Curb to Meter (Incremental)						Grand Total (Main to Curb + Curb to Meter)											
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs						
11675842	OHIO	TR	OH-PIQUA-1216 WASHINGTON AVE ~~~ RENEW CUSTOMER SERVICE - MILLER	8-Oct-14	MDPE	1.00 INCH	Curb to Meter	46	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$375	\$4.16	\$191	\$2,931	\$1,399	\$4,897	\$375	\$191	\$2,931	\$1,399	\$4,897
11673421	OHIO	TR	OH-NEW KNOXVILLE-106 S 5 EAST ST N-LEAK-REPAIR~~~	8-Oct-14	MDPE	1.00 INCH	Main to Curb	6	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$2,931	\$1,574	\$5,509
11693003	OHIO	DW	OH-DAYTON-744 GENEVA RD -LEAK-REPAIR~~~ LEAK REPAIR	8-Oct-14	MDPE	1.00 INCH	Main to Curb	7	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11655310	OHIO	DW	OH-DAYTON-744 GENEVA RD -LEAK-REPAIR~~~PINNED 10/6 FOR REPAIR - REFER	8-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3,342	\$1,592	\$5,571	\$413	\$224	\$3,342	\$1,592	\$5,571	
11677641	OHIO	DW	OH-DAYTON-2318 EASTVIEW AVE ~~~ RENEW S/L MILLER	8-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	52	\$2.16	\$112	\$1.17	\$61	\$2,222	\$958	\$3,353	\$5.49	\$286	\$2.97	\$155	\$1,120	\$624	\$2,185	\$398	\$215	\$3,342	\$1,582	\$5,538	\$398	\$215	\$3,342	\$1,582	\$5,538	
11680402	OHIO	CN	OH-DAYTON-1597 STOCKTON AVE ~~~SERVICE RENEWAL	8-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	79	\$2.16	\$170	\$1.17	\$92	\$2,222	\$994	\$3,479	\$5.49	\$434	\$2.97	\$235	\$1,120	\$716	\$2,505	\$604	\$327	\$3,342	\$1,570	\$5,983	\$604	\$327	\$3,342	\$1,570	\$5,983	
11677669	OHIO	FA	OH-YELLOW SPRINGS-900 DAYTON ST -LEAK-REPAIR~~~ LEAK-REPAIR	8-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$694	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,399	\$329	\$178	\$3,342	\$1,540	\$5,399	
11681427	OHIO	CN	OH-DAYTON-1596 STOCKTON AVE ~~~RENEW SERVICE	8-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	60	\$2.16	\$129	\$1.17	\$70	\$2,222	\$969	\$3,390	\$5.49	\$330	\$2.97	\$178	\$1,120	\$651	\$2,280	\$459	\$248	\$3,342	\$1,620	\$5,670	\$459	\$248	\$3,342	\$1,620	\$5,670	
11195000	OHIO	FA	OH-YELLOW SPRINGS-111 STAFFORD ST -LEAK-REPAIR~~~OUPS CLEARS 10/3 FOR SVC RENEWAL	8-Oct-14	OTHER	1.00 INCH	Main to Meter - Under 200 feet	50	\$2.16	\$108	\$1.17	\$58	\$2,222	\$958	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$327	\$178	\$3,342	\$1,572	\$5,527	\$327	\$178	\$3,342	\$1,572	\$5,527	
11683692	OHIO	DW	OH-DAYTON-PAW PAW I VACANT LOT ST-LEAK-REPAIR~~~ LEAK-REPAIR	8-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3,342	\$1,592	\$5,571	\$413	\$224	\$3,342	\$1,592	\$5,571	
11676911	OHIO	CN	OH-MORANE-2920 LAUREHURST CT -LEAK-REPAIR~~~FISHEL	9-Oct-14	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$261	\$4.16	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656	
11676852	OHIO	CN	OH-DAYTON-308 MORTON AVE -LEAK-REPAIR~~~FISHEL	9-Oct-14	MDPE	1.00 INCH	Curb to Meter	48	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$302	\$4.16	\$200	\$2,931	\$1,409	\$4,342	\$302	\$200	\$2,931	\$1,409	\$4,342	\$302	\$200	\$2,931	\$1,409	\$4,342	
11200680	OHIO	DW	OH-HUBER HEIGHTS-5002 RYE DR. (PREV. ENTERED AS 5000) -LEAK-REPAIR~~~	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	32	\$2.16	\$69	\$1.17	\$37	\$2,222	\$931	\$3,260	\$5.49	\$176	\$2.97	\$95	\$1,120	\$557	\$1,948	\$245	\$132	\$3,342	\$1,488	\$5,208	\$245	\$132	\$3,342	\$1,488	\$5,208	
11676940	OHIO	CN	OH-DAYTON-344 MORTON AVE -LEAK-REPAIR~~~FISHEL	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	36	\$2.16	\$78	\$1.17	\$42	\$2,222	\$937	\$3,278	\$5.49	\$198	\$2.97	\$107	\$1,120	\$570	\$1,995	\$275	\$149	\$3,342	\$1,507	\$5,274	\$275	\$149	\$3,342	\$1,507	\$5,274	
11676713	OHIO	DW	OH-HUBER HEIGHTS-5939 LANCASTER CT -LEAK-REPAIR~~~MILLER	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	19	\$2.16	\$41	\$1.17	\$22	\$2,222	\$914	\$3,199	\$5.49	\$104	\$2.97	\$56	\$1,120	\$512	\$1,794	\$207	\$110	\$3,342	\$1,465	\$5,179	\$207	\$110	\$3,342	\$1,465	\$5,179	
11279134	OHIO	CN	OH-DAYTON-230 PATTERSON RD-LEAK DISC-# 8010372 -LEAK-REPAIR~~~OUPS REFRESHED 9/3 - STREET -	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$392	\$211	\$3,342	\$1,577	\$5,521	\$392	\$211	\$3,342	\$1,577	\$5,521	
11680151	OHIO	TR	OH-ARCANUM-1 POP RITE DR -LEAK-REPAIR~~~ LEAK-REPAIR	9-Oct-14	N/A		Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,537	\$4,679	\$0	\$0	\$3,342	\$1,537	\$4,679	
11204098	OHIO	WC	OH-RESVILLE-436 N ST-RT-72 -LEAK-REPAIR~~~	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	65	\$2.16	\$140	\$1.17	\$76	\$2,222	\$975	\$3,413	\$5.49	\$357	\$2.97	\$193	\$1,120	\$688	\$2,339	\$497	\$269	\$3,342	\$1,644	\$5,752	\$497	\$269	\$3,342	\$1,644	\$5,752	
11676213	OHIO	CN	OH-DAYTON-349 MORTON AVE -LEAK-REPAIR~~~FISHEL	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	62	\$2.16	\$134	\$1.17	\$72	\$2,222	\$971	\$3,399	\$5.49	\$341	\$2.97	\$184	\$1,120	\$658	\$2,303	\$474	\$257	\$3,342	\$1,629	\$5,703	\$474	\$257	\$3,342	\$1,629	\$5,703	
11543894	OHIO	TR	OH-GREENVILLE-713 WALNUT ST (NEXT TO) -LEAK-REPAIR~~~OUPS CLEARS 9/8 FOR REPAIR	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	19	\$2.16	\$41	\$1.17	\$22	\$2,222	\$914	\$3,199	\$5.49	\$104	\$2.97	\$56	\$1,120	\$512	\$1,794	\$145	\$79	\$3,342	\$1,427	\$4,993	\$145	\$79	\$3,342	\$1,427	\$4,993	
11676711	OHIO	TR	OH-WEST MILTON-138 STILLWATER ST ~~~ NEXT DAY SERVICE RENEWAL- MILLER	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	31	\$2.16	\$67	\$1.17	\$36	\$2,222	\$930	\$3,255	\$5.49	\$170	\$2.97	\$92	\$1,120	\$553	\$1,936	\$237	\$128	\$3,342	\$1,483	\$5,191	\$237	\$128	\$3,342	\$1,483	\$5,191	
11677157	OHIO	CN	OH-KETTERING-2051 SPRINGMILL RD -LEAK-REPAIR~~~FISHEL	9-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	50	\$2.16	\$108	\$1.17	\$58	\$2,222	\$955	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$383	\$207	\$3,342	\$1,567	\$5,149	\$383	\$207	\$3,342	\$1,567	\$5,149	
11615980	OHIO	TR	OH-SIDNEY-2350 MICHIGAN ST ~~~ RESIZG - N/L PASSED 10/3	9-Oct-14	N/A		Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$0	\$0	\$3,342	\$1,507	\$4,851	\$0	\$0	\$3,342	\$1,507	\$4,851	
11679903	OHIO	FA	OH-NEW CARLISLE-1201 EDOGBOOK -LEAK-REPAIR~~~FISHEL	10-Oct-14	MDPE	1.00 INCH	Curb to Meter	34	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$277	\$4.16	\$141	\$2,931	\$1,340	\$4,690	\$277	\$141	\$2,931	\$1,340	\$4,690	\$277	\$141	\$2,931	\$1,340	\$4,690	
11678801	OHIO	FA	OH-DAYTON-3602 RIVER DR -LEAK-REPAIR~~~FISHEL	10-Oct-14	MDPE	1.00 INCH	Curb to Meter	34	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$277	\$4.16	\$141	\$2,931	\$1,340	\$4,690	\$277	\$141	\$2,931	\$1,340	\$4,690	\$277	\$141	\$2,931	\$1,340	\$4,690	
11680463	OHIO	DW	OH-DAYTON-1820 ELSMERE AVE -LEAK-REPAIR~~~MILLER	10-Oct-14	MDPE	1.00 INCH	Main to Curb	40	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	\$317	\$275	\$3,342	\$1,574	\$5,509	
11690511	OHIO	DW	OH-DAYTON-2526 AUBURN AVE ~~~ SERVICE REPLACEMENT- MILLER	10-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	80	\$2.16	\$173	\$1.17	\$93	\$2,222	\$995	\$3,483	\$5.49	\$439	\$2.97	\$238	\$1,120	\$719	\$2,517	\$612	\$331	\$3,342	\$1,714	\$6,000	\$612	\$331	\$3,342	\$1,714	\$6,000	
11205837	OHIO	CN	OH-DAYTON-1646 DIETZ ST -LEAK-REPAIR~~~OUPS CLEARS 9/30 FOR SERVICE RENEWAL - REFERRAL	10-Oct-14	N/A		Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$8																			

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

								Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583					
								Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal					Grand Total (Main to Curb + Curb to Meter)					
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs	
11689545	OHIO	FA	OH-FAIRBORN-372 MORRIS -LEAK-REPAIR---FISHEL	16-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	52	\$2.16	\$112	\$1.17	\$61	\$2,222	\$958	\$3,353	\$5.49	\$286	\$2.97	\$155	\$1,120	\$624	\$2,185	\$398	\$215	\$3,342	\$1,582	\$5,538	
11691995	OHIO	CN	OH-WAYNESVILLE-151 FIFTH ST -LEAK-REPAIR---LEAK-REPAIR	16-Oct-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11686158	OHIO	DW	OH-DAYTON-906 MILLER AVE -LEAK-REPAIR---MILLER	16-Oct-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11692117	OHIO	CN	OH-BELLBROOK-956 MEAD RD -LEAK-REPAIR---FISHEL	17-Oct-14	MDPE	1.00 INCH	Curb to Meter	5	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$41	\$4.16	\$21	\$2,931	\$1,197	\$4,190	\$41	\$21	\$2,931	\$1,197	\$4,190	
11693276	OHIO	FA	OH-XENIA-485 S COLUMBUS ST -LEAK-REPAIR---FISHEL	17-Oct-14	MDPE	1.00 INCH	Curb to Meter	82	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$669	\$4.16	\$341	\$2,931	\$1,577	\$5,518	\$669	\$341	\$2,931	\$1,577	\$5,518	
11691530	OHIO	TR	OH-JACKSON CENTER-206 E PIKE ST -LEAK-REPAIR---MILLER	17-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	50	\$2.16	\$108	\$1.17	\$58	\$2,222	\$955	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$383	\$207	\$3,342	\$1,573	\$5,505	
11690968	OHIO	FA	OH-DAYTON-457 CRYSTAL DR -LEAK-REPAIR---FISHEL	17-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373	
11661770	OHIO	FA	OH-FAIRBORN-2219 ZINK RD -LEAK-REPAIR---EARLY REPAIR DUE TO NUISANCE CALLS	17-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472	
11685838	OHIO	CN	OH-DAYTON-41 MIDDLEBURY AVE -LEAK-REPAIR---	17-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	45	\$2.16	\$97	\$1.17	\$53	\$2,222	\$949	\$3,320	\$5.49	\$247	\$2.97	\$134	\$1,120	\$601	\$2,102	\$344	\$186	\$3,342	\$1,549	\$5,422	
11689461	OHIO	DW	OH-DAYTON-12 MACGRADY AVE --- RENEW GAS SER VICE - MILLER	17-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	65	\$2.16	\$140	\$1.17	\$76	\$2,222	\$975	\$3,413	\$5.49	\$357	\$2.97	\$193	\$1,120	\$668	\$2,339	\$497	\$269	\$3,342	\$1,644	\$5,752	
11694602	OHIO	DW	OH-CAMDEN-729 BERTHA DR -LEAK-REPAIR---LEAK-REPAIR	18-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	65	\$2.16	\$140	\$1.17	\$76	\$2,222	\$975	\$3,413	\$5.49	\$357	\$2.97	\$193	\$1,120	\$668	\$2,339	\$497	\$269	\$3,342	\$1,644	\$5,752	
11280275	OHIO	DW	OH-DAYTON-3139 OLD TROY PKE -LEAK-REPAIR---PINPOINTED - LOCATE CLEARS 7/9 - REFER TO MILLER	18-Oct-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679	
11695018	OHIO	FA	OH-BEAVERCREEK-2111 GRANADA DR -LEAK-REPAIR---LEAK-REPAIR	19-Oct-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11290005	OHIO	TR	OH-NEW BREMEN-19 N WALNUT ST ---MOVE MTR OUTSIDE - H/L PASSED 10/3 - OUPS CLEARS?	20-Oct-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104	
11696704	OHIO	DW	OH-DAYTON-6830 N DIXIE DR -LEAK-REPAIR---LEAK-REPAIR	20-Oct-14	MDPE	1.00 INCH	Main to Curb	6	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509	
11700226	OHIO	TR	OH-NEW BREMEN-124 S FRANKLIN ST-SERVICE RENEWAL	20-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	4	\$2.16	\$9	\$1.17	\$5	\$2,222	\$894	\$3,129	\$5.49	\$22	\$2.97	\$12	\$1,120	\$465	\$1,616	\$31	\$17	\$3,342	\$1,356	\$4,745	
11690007	OHIO	DW	OH-DAYTON-101 E BEECHWOOD AVE ---JUST SERV RENEWAL - MILLER	20-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	88	\$2.16	\$190	\$1.17	\$103	\$2,222	\$1,006	\$3,520	\$5.49	\$483	\$2.97	\$262	\$1,120	\$746	\$2,111	\$673	\$364	\$3,342	\$1,752	\$6,132	
11696022	OHIO	CN	OH-MIAMISBURG-235 S RIVERVIEW AVE -LEAK-REPAIR---HOLD FOR RSCU	20-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	39	\$2.16	\$84	\$1.17	\$46	\$2,222	\$941	\$3,292	\$5.49	\$214	\$2.97	\$116	\$1,120	\$589	\$2,031	\$298	\$161	\$3,342	\$1,521	\$5,466	
11279755	OHIO	CN	OH-DAYTON-217 GREENDALE DR -LEAK-REPAIR---FISHEL NEEDS OUPS	20-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	53	\$2.16	\$114	\$1.17	\$62	\$2,222	\$959	\$3,357	\$5.49	\$291	\$2.97	\$158	\$1,120	\$628	\$2,197	\$405	\$219	\$3,342	\$1,587	\$5,554	
11695485	OHIO	CN	OH-CENTERVILLE-7780 JOHN ELWOOD RD -LEAK-REPAIR---LEAK-REPAIR	20-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	69	\$2.16	\$149	\$1.17	\$81	\$2,222	\$981	\$3,432	\$5.49	\$379	\$2.97	\$205	\$1,120	\$682	\$2,386	\$528	\$286	\$3,342	\$1,662	\$5,818	
11695708	OHIO	CN	OH-DAYTON-STEWERT ST AND MAIN ST -LEAK-REPAIR---LEAK-REPAIR	20-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	60	\$2.16	\$129	\$1.17	\$70	\$2,222	\$969	\$3,390	\$5.49	\$330	\$2.97	\$178	\$1,120	\$651	\$2,280	\$459	\$248	\$3,342	\$1,620	\$5,670	
11206284	OHIO	DW	OH-DAYTON-452 N GROVELAND AVE -LEAK-REPAIR---	20-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	67	\$2.16	\$145	\$1.17	\$78	\$2,222	\$978	\$3,423	\$5.49	\$368	\$2.97	\$199	\$1,120	\$675	\$2,363	\$513	\$277	\$3,342	\$1,653	\$5,785	
11697057	OHIO	CN	OH-DAYTON-2461 DELVAN DR -LEAK-REPAIR---LEAK-REPAIR	20-Oct-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11698945	OHIO	CN	OH-BELLBROOK-6670 POSSUM RUN RD -LEAK-REPAIR---LEAK-REPAIR	21-Oct-14	MDPE	1.00 INCH	Curb to Meter	1	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$8	\$4.16	\$0	\$2,931	\$1,177	\$4,121	\$8	\$4	\$2,931	\$1,177	\$4,121	
11740811	OHIO	TR	OH-ARCANUM-108 WESTVIEW ST -LEAK-REPAIR---LEAK-REPAIR	21-Oct-14	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$261	\$4.16	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656	
11695020	OHIO	CN	OH-CENTERVILLE-899 S MAIN ST -LEAK-REPAIR---FISHEL	21-Oct-14	MDPE	1.00 INCH	Curb to Meter	126	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$1,028	\$4.16	\$524	\$2,931	\$1,793	\$6,271	\$1,028	\$524	\$2,931	\$1,793	\$6,271	
11700831	OHIO	CN	OH-CORWIN-79 JOHN ST --- REFERRED FOR SERVICE LINE REPLACEMENT/RELOCATE REG. & METER AWAY	21-Oct-14	MDPE	1.00 INCH	Curb to Meter	61	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$498	\$4.16	\$254	\$2,931	\$1,473	\$5,156	\$498	\$254	\$2,931	\$1,473	\$5,156	
11689252	OHIO	WC	OH-WILMINGTON-353 BURDET DR -LEAK-REPAIR---	21-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	5	\$2.16	\$11	\$1.17	\$6	\$2,222	\$895	\$3,134	\$5.49	\$27	\$2.97	\$15	\$1,120	\$465	\$1,628	\$38	\$21	\$3,342	\$1,361	\$4,762	
11271430	OHIO	DW	OH-DAYTON-530 BROOKLYN AVE -LEAK-REPAIR---LOCATE CLEARS 6/30 - LONG SIDE RENEWAL Y/S METER.	21-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	68	\$2.16	\$147	\$1.17	\$79	\$2,222	\$979	\$3,427	\$5.49	\$374	\$2.97	\$202	\$1,120	\$678	\$2,374	\$520	\$282	\$3,342	\$1,658	\$5,802	
11699499	OHIO	DW	OH-DAYTON-266 FOUNTAIN AVE -LEAK-REPAIR---LEAK-REPAIR	21-Oct-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679	
11697643	OHIO	FA	OH-FAIRBORN-311 MIDDLE ST -LEAK-REPAIR---FISHEL	21-Oct-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11272124	OHIO	CN	OH-DAYTON-1233 GERMANTOWN ST -LEAK-REPAIR---OUPS CLEARS 10/11 FOR PINNING	22-Oct-14	MDPE	1.00 INCH	Curb to Meter	39	\$2.16	\$80	\$1.17	\$45	\$2,222	\$940	\$3,316	\$5.49	\$218	\$4.16	\$162	\$2,931	\$1,365	\$4,177	\$318	\$162	\$2,931	\$1,365	\$4,177	
11690857	OHIO	CN	OH-KETTERING-700 BROAD BLVD -LEAK-REPAIR---FISHEL	22-Oct-14	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$367	\$4.16	\$187	\$2,931	\$1,394	\$4,880	\$367	\$187	\$2,931	\$1,394	\$4,880	
11705197	OHIO	DW	OH-DAYTON-1601 CHAPEL ST -LEAK-REPAIR---LEAK-REPAIR	22-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet																					

## VEDO 2014 Service Replacement Work Order Detail &amp; Cost Allocation

										Totals (\$5000+)		\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583			
										Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)									
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost/ft	Material cost/ft	Labor cost	Material cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Material cost/ft	Material cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total material cost	Total misc cost	Total overhead cost	Total all costs		
11628169	OHIO	WC	OH-WASHINGTON COURT HOUSE-109 S FAYETTE-LEAK-REPAIR~~	25-Oct-14	MDPE	1.00 INCH	Curb to Meter	69	\$0.00	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$8.16	\$563	\$4.16	\$287	\$2,931	\$1,513	\$5,294	\$563	\$287	\$2,931	\$1,513	\$5,294	
11627214	OHIO	MDPE	OH-DAYTON-311 W HILLCREST AVE-LEAK-REPAIR-~PUNPOINTED- REFER TO MILLER - LOCATE CLEARS S	25-Oct-14	MDPE	1.00 INCH	Main to Meter	42	\$0.00	\$317	\$0	\$317	\$275	\$3,342	\$1,574	\$5,000	\$0	\$8.16	\$343	\$4.16	\$175	\$2,931	\$1,380	\$4,828	\$343	\$175	\$2,931	\$1,380	\$4,828
11707273	OHIO	MDPE	OH-DAYTON-3655 DUNLAW-LEAK-REPAIR-~MILLER	27-Oct-14	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8.16	\$16	\$4.16	\$8	\$2,931	\$1,182	\$3,148	\$16	\$8	\$2,931	\$1,182	\$3,148	
11737754	OHIO	BF	OH-BELLEFONTAINE-833 W WILLIAMS AVE-LEAK-REPAIR-~LEAK-REPAIR	27-Oct-14	MDPE	1.00 INCH	Curb to Meter	2	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8.16	\$16	\$4.16	\$8	\$2,931	\$1,182	\$3,148	\$16	\$8	\$2,931	\$1,182	\$3,148	
10634233	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	59	\$2.16	\$127	\$1.17	\$69	\$2,222	\$967	\$3,385	\$5.49	\$324	\$2.97	\$175	\$1,120	\$648	\$2,368	\$451	\$244	\$3,342	\$1,615	\$5,653		
11690211	OHIO	DW	OH-DAYTON-101 PINE ST -LEAK-REPAIR~~	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	57	\$2.16	\$145	\$1.17	\$78	\$2,222	\$978	\$3,423	\$5.49	\$368	\$2.97	\$199	\$1,120	\$675	\$2,363	\$513	\$277	\$3,342	\$1,653	\$5,785		
10634170	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$67	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3,342	\$1,592	\$5,571		
10634858	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	57	\$2.16	\$123	\$1.17	\$67	\$2,222	\$965	\$3,376	\$5.49	\$313	\$2.97	\$169	\$1,120	\$641	\$2,244	\$436	\$236	\$3,342	\$1,608	\$5,620		
11656431	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$81	\$1.17	\$49	\$2,222	\$945	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$655	\$2,291	\$467	\$253	\$3,342	\$1,625	\$5,686		
10637086	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	61	\$2.16	\$132	\$1.17	\$71	\$2,222	\$970	\$3,395	\$5.49	\$335	\$2.97	\$181	\$1,120	\$665	\$2,291	\$467	\$253	\$3,342	\$1,628	\$5,686		
10636667	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488		
10636634	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	58	\$2.16	\$125	\$1.17	\$68	\$2,222	\$966	\$3,381	\$5.49	\$319	\$2.97	\$172	\$1,120	\$645	\$2,256	\$444	\$240	\$3,342	\$1,610	\$5,637		
10634212	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	57	\$2.16	\$123	\$1.17	\$67	\$2,222	\$965	\$3,376	\$5.49	\$313	\$2.97	\$169	\$1,120	\$641	\$2,244	\$436	\$236	\$3,342	\$1,606	\$5,620		
10637029	OHIO	TR	SERVICE TAP	27-Oct-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$99	\$1.17	\$54	\$2,222	\$950	\$3,325	\$5.49	\$253	\$2.97	\$137	\$1,120	\$604	\$2,134	\$352	\$190	\$3,342	\$1,554	\$5,439		
11704891	OHIO	WC	OH-GREEN																										



VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583												
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)										Curb to Meter (Incremental)					Subtotal					Grand Total (Main to Curb + Curb to Meter)				
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs						
11746512	OHIO	TR	OH-ARCANUM-112 S EAST ST -LEAK-REPAIR~~~ LEAK-REPAIR	2-Nov-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104						
115698251	OHIO	CN	OH-DAYTON-5814 WILCE WAY -LEAK-REPAIR~~~	3-Nov-14	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$220	\$4.16	\$112	\$2,931	\$1,306	\$4,570	\$220	\$112	\$2,931	\$1,306	\$4,570						
11704888	OHIO	FA	OH-DAYTON-42 BARNSDALE AVE -LEAK-REPAIR~~~COMP	3-Nov-14	MDPE	1.00 INCH	Curb to Meter	65	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$530	\$4.16	\$270	\$2,931	\$1,493	\$5,225	\$530	\$270	\$2,931	\$1,493	\$5,225						
11612136	OHIO	TR	OH-GORDON-304 NORTH ST -LEAK-REPAIR~~~REFER	3-Nov-14	STEEL	1.00 INCH	Main to Curb	0	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509						
11749853	OHIO	BF	OH-LAKEVIEW-160 N MAIN ST -LEAK-REPAIR~~~ LEAK-REPAIR	3-Nov-14	MDPE	1.00 INCH	Main to Curb	12	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509						
11748065	OHIO	TR	OH-ANSONIA-205 S MAIN ST -LEAK-REPAIR~~~ LEAK-REPAIR	3-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,559	\$5,455						
11747449	OHIO	BF	OH-LAKEVIEW-260 N MAIN ST -LEAK-REPAIR~~~ LEAK-REPAIR	3-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389						
11755818	OHIO	CN	OH-DAYTON-618 WILLOW SPRINGS DR ~~~ RENEW SERVICE - FISHEL	3-Nov-14	MDPE	3.00 INCH	Main to Meter - Under 200 feet	59	\$2.16	\$127	\$1.17	\$69	\$2,222	\$967	\$3,385	\$5.49	\$324	\$2.97	\$175	\$1,120	\$648	\$2,268	\$451	\$244	\$3,342	\$1,615	\$5,653						
11282585	OHIO	CN	OH-DAYTON-1913 RICHLAY AVE -LEAK-REPAIR~~~OUPS CLEARS 10/28 FOR PIN/REPAIR - REFER	3-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	41	\$2.16	\$88	\$1.17	\$48	\$2,222	\$943	\$3,302	\$5.49	\$225	\$2.97	\$122	\$1,120	\$587	\$2,054	\$314	\$170	\$3,342	\$1,530	\$5,356						
11747234	OHIO	CN	OH-KETTERING-5960 MILLBURN DR -LEAK-REPAIR~~~ LEAK-REPAIR	3-Nov-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679						
11609113	OHIO	WC	OH-SABINA-736 N HOWARD ST ~~~RESZG - N/L PASSED 10/10	3-Nov-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104						
11746998	OHIO	CN	OH-KETTERING-3098 SANDYWOOD DR -LEAK-REPAIR~~~MILLER	4-Nov-14	MDPE	1.00 INCH	Curb to Meter	50	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$408	\$4.16	\$208	\$2,931	\$1,419	\$4,966	\$408	\$208	\$2,931	\$1,419	\$4,966						
11748933	OHIO	FA	OH-DAYTON-4348 SPRINGFIELD ST -LEAK-REPAIR~~~	4-Nov-14	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$220	\$4.16	\$112	\$2,931	\$1,306	\$4,570	\$220	\$112	\$2,931	\$1,306	\$4,570						
11749628	OHIO	TR	OH-TROY-519 S CLAY ST -LEAK-REPAIR~~~ LEAK-REPAIR	4-Nov-14	MDPE	0.50 INCH	Main to Curb	6	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509						
11064246	OHIO	TR	OH-SAINT PARIS-1111 N STATE RT 235 ~~~RESZG	4-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$390	\$211	\$3,342	\$1,577	\$5,521						
11253942	OHIO	DW	OH-NEW LEBANON-30 THORNAPPLE RD -LEAK-REPAIR~~~OUPS CLEARS 6/30 REPAIR - REFER TO MILLER	4-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	52	\$2.16	\$112	\$1.17	\$61	\$2,222	\$958	\$3,353	\$5.49	\$286	\$2.97	\$155	\$1,120	\$624	\$2,185	\$398	\$215	\$3,342	\$1,582	\$5,538						
11282294	OHIO	CN	OH-DAYTON-2750 CADILLAC ST -LEAK-REPAIR~~~OUPS CLEARS 10/23 FOR REPAIR - REFER	4-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	64	\$2.16	\$138	\$1.17	\$75	\$2,222	\$974	\$3,409	\$5.49	\$352	\$2.97	\$180	\$1,120	\$665												

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583						
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Subtotal								
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs	
11762147	OHIO	CN	OH-MIAMI-SBURG-929 OLD MAIN ST - LEAK-REPAIR---FISHEL	11-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	48	\$2.16	\$104	\$1.17	\$56	\$2,222	\$953	\$3,334	\$5.49	\$264	\$2.97	\$143	\$1,120	\$611	\$2,137	\$367	\$199	\$3,342	\$1,563	\$5,472
11780584	OHIO	CN	OH-DAYTON-6040 KIMWAY DR---RENEW SERVICE	11-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	125	\$2.16	\$270	\$1.17	\$146	\$2,222	\$1,055	\$3,693	\$5.49	\$687	\$2.97	\$372	\$1,120	\$871	\$3,050	\$956	\$518	\$3,342	\$1,626	\$6,743
11770566	OHIO	CN	OH-BELLBLOOM-7345 WILMINGTON PIKE - LEAK-REPAIR--- LEAK-REPAIR	11-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$981	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,209	\$413	\$224	\$3,342	\$1,582	\$5,371
1789765	OHIO	CN	OH-WEST CARROLLTON-4475 INFIRMARY RD - LEAK-REPAIR--- LEAK-REPAIR	11-Nov-14	N/A	N/A	Main to Meter - Under 200 feet	0	\$2.16	\$0	\$1.17	\$0	\$2,222	\$889	\$3,111	\$5.49	\$0	\$2.97	\$0	\$1,120	\$448	\$1,569	\$0	\$0	\$3,342	\$1,337	\$4,679
11641772	OHIO	DW	OH-DAYTON-400 CHERRY DR - LEAK-REPAIR---	11-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	65	\$2.16	\$140	\$1.17	\$76	\$2,222	\$975	\$3,413	\$5.49	\$357	\$2.97	\$193	\$1,120	\$668	\$2,339	\$497	\$269	\$3,342	\$1,644	\$5,752
1789550	OHIO	TR	OH-PIQUA-1006 GORDON ST - LEAK-REPAIR--- LEAK-REPAIR	11-Nov-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11770470	OHIO	FA	OH-XENIA-814 CINCINNATI AVE - LEAK-REPAIR---FISHEL	12-Nov-14	MDPE	1.00 INCH	Curb to Meter	4	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$33	\$4.16	\$17	\$2,931	\$1,192	\$4,173	\$33	\$17	\$2,931	\$1,192	\$4,173
11298413	OHIO	DW	OH-NEW PARIS-204 CHERRY ST - LEAK-REPAIR---OUPS CLEARS 6/30 - RENEWAL - REFER TO MILLER	12-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	60	\$2.16	\$129	\$1.17	\$70	\$2,222	\$969	\$3,390	\$5.49	\$330	\$2.97	\$178	\$1,120	\$651	\$2,280	\$459	\$248	\$3,342	\$1,620	\$5,670
1790241	OHIO	DW	OH-DAYTON-353 DELAWARE AVE ---SERVICE RENEWAL	12-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	55	\$2.16	\$119	\$1.17	\$64	\$2,222	\$962	\$3,367	\$5.49	\$302	\$2.97	\$163	\$1,120	\$634	\$2,220	\$421	\$228	\$3,342	\$1,696	\$5,587
11770422	OHIO	DW	OH-DAYTON-42 MARY AVENUE --- SERVICE RENEWAL	12-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	45	\$2.16	\$97	\$1.17	\$53	\$2,222	\$949	\$3,320	\$5.49	\$247	\$2.97	\$134	\$1,120	\$601	\$2,102	\$344	\$186	\$3,342	\$1,549	\$5,422
11298701	OHIO	DW	OH-DAYTON-1327 W SECOND ST - LEAK-REPAIR---LOCATE CLEARS 7/1 - STREET	12-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	51	\$2.16	\$110	\$1.17	\$60	\$2,222	\$957	\$3,348	\$5.49	\$280	\$2.97	\$152	\$1,120	\$621	\$2,173	\$390	\$211	\$3,342	\$1,577	\$5,521
11685311	OHIO	CN	OH-DAYTON-6263 FAR HILLS AVE UNIT A---RESZG - H/L PASSED 11/3	12-Nov-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
1746662	OHIO	CN	SERVICE POINT	12-Nov-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11763211	OHIO	FA	OH-RIVERSIDE-5427 ROBINWOOD AVE -LEAK-REPAIR---	13-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373
11780019	OHIO	DW	OH-DAYTON-614 NORTH KILMER ST -LEAK-REPAIR---MILLER	13-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	50	\$2.16	\$108	\$1.17	\$58	\$2,222	\$955	\$3,344	\$5.49	\$275	\$2.97	\$149	\$1,120	\$617	\$2,161	\$383	\$207	\$3,342	\$1,573	\$5,505
1780855	OHIO	WC	OH-WASHINGTON COURT HOUSE-1299 DAYTON AVE -LEAK-REPAIR---FISHEL	13-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	12	\$2.16	\$26	\$1.17	\$14	\$2,222	\$905	\$3,167	\$5.49	\$66	\$2.97	\$36	\$1,120	\$489	\$1,711	\$92	\$50	\$3,342	\$1,394	\$4,877
1781087	OHIO	BF	OH-WEST LIBERTY-312 S BROAD ST -LEAK-REPAIR---MILLER	13-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	57	\$2.16																		

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

						Totals (\$000s):	\$182	\$113	\$3,252	\$1,419	\$4,965	\$609	\$330	\$3,073	\$1,605	\$5,618	\$791	\$443	\$6,326	\$3,024	\$10,583						
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Grand Total (Main to Curb + Curb to Meter)								
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs
11833246	OHIO	FA	OH-NEW CARLSLE-860 ASPEN RD -LEAK-REPAIR---	21-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	56	\$2.16	\$121	\$1.17	\$65	\$2,222	\$963	\$3,371	\$5.49	\$308	\$2.97	\$168	\$1,120	\$638	\$2,232	\$428	\$232	\$3,342	\$1,601	\$5,604
11800376	OHIO	DW	OH-DAYTON-50 SIMMS ST -LEAK-REPAIR---	21-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$126	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389
11801467	OHIO	CN	OH-DAYTON-2665 LATONIA AVE -LEAK-REPAIR---	21-Nov-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
10634081	OHIO	TR	SERVICE TAP	22-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	42	\$2.16	\$91	\$1.17	\$49	\$2,222	\$945	\$3,306	\$5.49	\$231	\$2.97	\$125	\$1,120	\$590	\$2,066	\$321	\$174	\$3,342	\$1,535	\$5,373
10634059	OHIO	TR	SERVICE TAP	22-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389
11799945	OHIO	WC	OH-WASHINGTON COURT HOUSE-1101 CLEMSON PLZ -LEAK-REPAIR---	24-Nov-14	MDPE	1.00 INCH	Curb to Meter	66	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$539	\$4.16	\$275	\$2,931	\$1,498	\$5,242	\$539	\$275	\$2,931	\$1,498	\$5,242
11833313	OHIO	DW	OH-DAYTON-1635 CHAPEL ST -LEAK-REPAIR---	25-Nov-14	MDPE	1.00 INCH	Curb to Meter	55	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$449	\$4.16	\$229	\$2,931	\$1,444	\$5,053	\$449	\$229	\$2,931	\$1,444	\$5,053
11834201	OHIO	FA	OH-FAIRBORN-1812 HILLROSE PL -LEAK-REPAIR---	25-Nov-14	MDPE	1.00 INCH	Curb to Meter	4	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$33	\$4.16	\$17	\$2,931	\$1,192	\$4,173	\$33	\$17	\$2,931	\$1,192	\$4,173
11540857	OHIO	CN	OH-DAYTON-420 CONGRESS PARK DR -"RESZG" -H/L PASSED 11/18 - READY 11/24	25-Nov-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11852549	OHIO	CN	OH-CENTERVILLE-10022 VIRGINIA LEE DR -LEAK-REPAIR---	26-Nov-14	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$261	\$4.16	\$133	\$2,931	\$1,330	\$4,656	\$261	\$133	\$2,931	\$1,330	\$4,656
11852660	OHIO	CN	OH-DAYTON-809 S PAUL LAURENCE DUNBAR ST -LEAK-REPAIR---	26-Nov-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104
11689467	OHIO	CN	OH-DAYTON-230 PATTERSON RD -LEAK-REPAIR---	26-Nov-14	MDPE	1.00 INCH	Main to Curb	8	Unit cost	\$317	Unit cost	\$275	\$3,342	\$1,574	\$5,509	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$317	\$275	\$3,342	\$1,574	\$5,509
11841335	OHIO	FA	OH-FAIRBORN-1562 WILBUR AVE -LEAK-REPAIR---	26-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	77	\$2.16	\$166	\$1.17	\$90	\$2,222	\$991	\$3,469	\$5.49	\$423	\$2.97	\$229	\$1,120	\$709	\$2,481	\$589	\$319	\$3,342	\$1,700	\$5,950
11735538	OHIO	CN	OH-DAYTON-3211 DRYDEN RD -LEAK-REPAIR---NEEDS OUPS FOR PIN/REPAIR - REFER	26-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	49	\$2.16	\$106	\$1.17	\$57	\$2,222	\$954	\$3,339	\$5.49	\$269	\$2.97	\$146	\$1,120	\$614	\$2,149	\$375	\$203	\$3,342	\$1,568	\$5,488
11838091	OHIO	CN	OH-KETTERING-401 STORMS -LEAK-REPAIR---	26-Nov-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	43	\$2.16	\$93	\$1.17	\$50	\$2,222	\$946	\$3,311	\$5.49	\$236	\$2.97	\$128	\$1,120	\$594	\$2,078	\$329	\$178	\$3,342	\$1,540	\$5,389
10370195	OHIO	DW	OH-ENGLEWOOD-563 S MAIN ST-RESZG---	26-Nov-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104
11833585	OHIO	CN	OH-WEST CARROLLTON-983 BLANCHARD DR -LEAK-REPAIR---	1-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3		

VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

							Totals (\$000s):																															
							\$182		\$113		\$3,252		\$1,419		\$4,965		\$609		\$330		\$3,073		\$1,605		\$5,618		\$791		\$443		\$6,326		\$3,024		\$10,583			
WONUM	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type	pipe_installed-length	Main to Curb (Non-Incremental)										Curb to Meter (Incremental)					Subtotal curb to meter	Grand Total (Main to Curb + Curb to Meter)					Total labor cost	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs				
									Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal curb to meter																
11888630	OHIO	CN	OH-MIAMI-SBURG-9341 CANTERCHASE DR -LEAK-REPAIR---SAME DAY REPAIRS FISHEL	10-Dec-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11892983	OHIO	DW	OH-PHILLIPSBURG-30 W WAL NUT -LEAK-REPAIR---LEAK-REPAIR	11-Dec-14	N/A	N/A	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$0	\$4.16	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104	\$0	\$0	\$2,931	\$1,173	\$4,104
11898247	OHIO	DW	OH-DAYTON-167 NORTH ARDMORE AVE -LEAK-REPAIR---MILLER	11-Dec-14	MDPE	1.00 INCH	Curb to Meter	37	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$8.16	\$302	\$4.16	\$154	\$2,931	\$1,355	\$4,742	\$302	\$154	\$2,931	\$1,355	\$4,742	\$302	\$154	\$2,931	\$1,355	\$4,742	\$302	\$154	\$2,931	\$1,355	\$4,742
11897936	OHIO	DW	OH-DAYTON-20 MALDEN AVE --- SERVICE RENEWEL PER REGULATOR INSIDE OF BASEMENT HOUSE VACAN	11-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	44	\$2.16	\$95	\$1.17	\$51	\$2,222	\$947	\$3,316	\$5.49	\$242	\$2.97	\$131	\$1,120	\$597	\$2,090	\$337	\$182	\$3,342	\$1,544	\$5,406	\$337	\$182	\$3,342	\$1,544	\$5,406	\$337	\$182	\$3,342	\$1,544	\$5,406	
11165700	OHIO	FA	OH-DAYTON-3145 RIDGEMORE AVE ---FISHEL	11-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	100	\$2.16	\$216	\$1.17	\$117	\$2,222	\$1,022	\$3,576	\$5.49	\$549	\$2.97	\$297	\$1,120	\$787	\$2,754	\$765	\$414	\$3,342	\$1,809	\$6,330	\$765	\$414	\$3,342	\$1,809	\$6,330	\$765	\$414	\$3,342	\$1,809	\$6,330	
11888502	OHIO	DW	OH-DAYTON-233 NORTH LANSLOWNE AVE -LEAK-REPAIR---MILLER	11-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	121	\$2.16	\$261	\$1.17	\$141	\$2,222	\$1,050	\$3,674	\$5.49	\$665	\$2.97	\$360	\$1,120	\$858	\$3,003	\$926	\$501	\$3,342	\$1,908	\$6,677	\$926	\$501	\$3,342	\$1,908	\$6,677	\$926	\$501	\$3,342	\$1,908	\$6,677	
11667882	OHIO	TR	OH-WEST MILTON-4540 W STATE RT 571 ---RESZG - DO 12/10	11-Dec-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	\$482	\$306	\$0	\$315	\$1,104	
11891726	OHIO	TR	OH-PIQUA-611 BOONE ST -LEAK-REPAIR---MILLER	12-Dec-14	MDPE	1.00 INCH	Curb to Meter	35	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.16	\$286	\$4.16	\$146	\$2,931	\$1,345	\$4,708	\$286	\$146	\$2,931	\$1,345	\$4,708	\$286	\$146	\$2,931	\$1,345	\$4,708	\$286	\$146	\$2,931	\$1,345	\$4,708	
11897230	OHIO	CN	OH-DAYTON-120 OAKLAWN AVE -LEAK-REPAIR---LEAK-REPAIR	12-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	54	\$2.16	\$116	\$1.17	\$63	\$2,222	\$961	\$3,362	\$5.49	\$297	\$2.97	\$161	\$1,120	\$631	\$2,709	\$413	\$224	\$3,342	\$1,592	\$5,571	\$413	\$224	\$3,342	\$1,592	\$5,571	\$413	\$224	\$3,342	\$1,592	\$5,571	
11893678	OHIO	FA	OH-NEW CARRLE-436 E CARPENTER DR -LEAK-REPAIR---PINPOINT FOR REPAIRS	12-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	47	\$2.16	\$101	\$1.17	\$55	\$2,222	\$951	\$3,330	\$5.49	\$258	\$2.97	\$140	\$1,120	\$607	\$2,126	\$360	\$195	\$3,342	\$1,559	\$5,485	\$360	\$195	\$3,342	\$1,559	\$5,485	\$360	\$195	\$3,342	\$1,559	\$5,485	
11893319	OHIO	CN	OH-WEST CARROLLTON-7999 SPRINGBORO PI																																			



VEDO 2014 Service Replacement Work Order Detail & Cost Allocation

													Totals (\$000s):																																					
													\$182					\$113		\$3,252		\$4,419		\$4,965		\$609			\$330		\$3,073		\$1,605		\$5,618		\$791		\$443		\$6,326		\$3,024		\$10,583					
													Main to Curb (Non-Incremental)										Curb to Meter (Incremental)										Grand Total (Main to Curb + Curb to Meter)																	
													Labor cost		Labor cost		Mat'l cost		Mat'l cost		Misc cost		Overhead cost		Subtotal main to curb		Labor cost		Labor cost		Mat'l cost		Mat'l cost		Misc cost		Overhead cost		Subtotal		Total labor		Total mat'l cost		Total misc cost		Total overhead cost		Total all costs	
WONUM	DIV	QC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-size	pipe_installed-size	Service Replacement Type	pipe_installed-length	Labor cost	Labor cost	Mat'l cost	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost	Labor cost	Mat'l cost	Mat'l cost	Misc cost	Overhead cost	Subtotal	Total labor	Total mat'l cost	Total misc cost	Total overhead cost	Total all costs																							
11907657	OHIO	FA	OH-DAYTON-3513 WOODBINE AVE-LEAK-REPAIR---	30-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	40	\$2.16	\$86	\$1.17	\$47	\$2,222	\$942	\$3,297	\$5.49	\$220	\$2.97	\$119	\$1,120	\$584	\$2,043	\$306	\$166	\$3,342	\$1,526	\$5,430																							
11965365	OHIO	FA	OH-RIVERSIDE-5272 BAYSIDE DR-LEAK-REPAIR---	30-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	46	\$2.16	\$13	\$1.17	\$7	\$2,222	\$987	\$3,139	\$5.49	\$33	\$2.97	\$18	\$1,120	\$468	\$1,640	\$436	\$25	\$3,342	\$1,526	\$5,430																							
11747361	OHIO	TR	OH-GREENVILLE-1491 WAGNER AVE ---RES2G	30-Dec-14	N/A	N/A	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$482	Unit cost	\$306	\$5	\$131,104	\$482	\$306	\$0	\$315	\$1,104	\$1,803																							
11968178	OHIO	TR	OH-GREENVILLE-3284 US-127 -LEAK-REPAIR---	31-Dec-14	MDPE	1.00 INCH	Main to Meter - Under 200 feet	79	\$2.16	\$170	\$1.17	\$92	\$2,222	\$994	\$3,479	\$5.49	\$484	\$2.97	\$205	\$1,120	\$715	\$2,505	\$604	\$327	\$3,342	\$1,526	\$5,184																							

**Operating & Maintenance Savings Calculation Per 13-1571 Stipulation**

A		B	C
			Baseline Savings
1	Baseline Savings :		\$ 294,116
		Miles Retired	Savings per Mile
2	Savings from 2013 Retired BS/CI Mileage	43.80	\$ 5,882
3	Savings from 2014 Retired BS/CI Mileage	44.80	\$ 5,882
			2014 Savings
			\$ 257,632
			\$ 263,514
4	Total Savings:		\$ 815,261

A2XB2

A3XB3

C1+C2+C3

VEDO 2014 Maintenance Expense - BS/CI & Service Line Ownership

Service O&M Expense Change

A			B		C	
Meter Order Management						
Meter Orders		Baseline		2014		Change from Baseline
1	Outside Leaks	3467		4385		
2	Investigate Gas Emergency	937		858		
3	No Gas	1831		2170		
4	Water in Service	11		4		
5	Total	6246		7417		
6	% Allocated to BS/CI Facilities	48%		32%		
7	Orders applicable to BS/CI	2998	A5 * A6	2359	B5 * B6	
Maintenance Expenses		Baseline		2014		
8	Total Meter Orders	122091		106959		
9	Meter Order Mgmt Actuals	\$ 3,542,248		\$ 5,556,304		
10	Average Cost per Order	29.01	A9/A8	51.95	B9/B8	
11	Average cost per Asset Condition based Order	58.03	2 * A10	103.90	2 * B10	
* Leak Investigation order averages approximately 2x's longer than average meter order						
Maintenance Expenses Reduction Opportunity		Baseline (C1xC2)		2014		Change from Baseline
12	Orders Applicable to BS/CI x Average Order Cost per Asset Condition based Order	\$ 173,968	A7 * A11	\$ 245,050	B7 * B11	\$ (71,082) A12 - B12

Leak Repair & Management										
Service Leaks Maintenance Expenses							Baseline			
							2014			
							Change from Baseline			
13	Service Leak Repair Actuals	\$	145,655				\$	315,005		\$ (169,350) A13-B13
14	% of Service BS/CI Leak Repairs		56%					18%		
15	Incremental Service O&M Expenses attributable to BS/CI	\$	81,567	A13*A14			\$	57,016	B13*B14	\$ 24,551 A15-B15
16	Incremental Service O&M Expenses attributable to All Other Asset Types	\$	64,088	A13-A15			\$	257,989	B13-B15	\$ (193,901) A16-B16
17	TOTAL BS/CI SERVICE MAINTENANCE EXPENSES	\$	255,535	A12+A15			\$	302,066	B12+B15	\$ (46,531) A17-B17

MAIN O&M Expense Change

Leak Repair & Management										
Main Leaks Maintenance Expenses							Baseline			
							2014			
							Change from Baseline			
18	Total Main Leak Repair Actuals	\$	1,610,684				\$	1,831,550		
19	Cost Associated with Soft Surface Repairs	\$	644,274				\$	1,137,393		
20	% of Soft Surface Repairs on BS/CI Main Leaks		39%					35%		
21	Cost Associated with Hard Surface Repairs	\$	966,410				\$	694,157		
22	% of Hard Surface Repairs on BS/CI Main Leaks		71%					64%		
23	Main O&M Expenses attributable to BS/CI	\$	937,418	(A19*A20)+(A21*A22)			\$	846,011	(B19*B20)+(B21*B22)	\$ 91,407 A23-B23
24	Total O&M Maintenance Expenses (Main + Services)	\$	1,192,953	A17+A23			\$	1,148,077	B17+B23	\$ 44,876 A24-B24

VEDO Replacement Program Cost Savings  
5 Year History

Task	2010	2011	2012	2013	2014
Regulator Stations *	\$ 1,152	\$ 3,072	\$ 6,144	\$ 7,872	\$ 12,672
Casings *	\$ -	\$ 40	\$ -	\$ 99	\$ 218
Critical Valves *	\$ 68	\$ 949	\$ (68)	\$ 203	\$ 542
CP Reads *	\$ 194	\$ 620	\$ 690	\$ 1,028	\$ 350
Residential Leak Surveys *	\$ 402	\$ 805	\$ 885	\$ 958	\$ 1,072
Leaks Repaired **	\$ 47,958	\$ 99,459	\$ 103,546	\$ 131,612	\$ 124,429
Leak Rechecks *	\$ 8,730	\$ 10,080	\$ 11,340	\$ 18,990	\$ 21,780
Service Call Orders *	\$ 6,133	\$ 9,378	\$ 9,736	\$ 16,755	\$ 24,614
Meter Movouts & Changes	\$ 20,317	\$ 28,237	\$ 35,805	\$ 27,324	\$ 37,521
Drips	\$ 552	\$ 480	\$ 2,220	\$ 1,296	\$ 1,392
<b>Total Annual O&amp;M Savings</b>	<b>\$ 85,506</b>	<b>\$ 153,119</b>	<b>\$ 170,298</b>	<b>\$ 206,138</b>	<b>\$ 224,589</b>

**BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of	)	
Vectren Energy Delivery of Ohio, Inc.	)	Case No. 15-0865-GA-RDR
for Authority to Adjust Its Distribution	)	
Replacement Rider Charges.	)	

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**DIRECT TESTIMONY  
OF  
J. CAS SWIZ  
DIRECTOR, REGULATORY IMPLEMENTATION AND ANALYSIS  
ON BEHALF OF  
VECTREN ENERGY DELIVERY OF OHIO, INC.**

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**Direct Testimony of  
J. Cas Swiz**

**I. INTRODUCTION**

**Q1. Please state your name and business address.**

A. My name is J. Cas Swiz, and my address is One Vectren Square, Evansville, Indiana 47708.

**Q2. What position do you hold with Applicant Vectren Energy Delivery of Ohio, Inc. (VEDO or the Company)?**

A. I am Director, Regulatory Implementation and Analysis for Vectren Utility Holdings, Inc. (VUHI), the immediate parent company of VEDO. I hold the same position with two other utility subsidiaries of VUHI—Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. (Vectren South) and Indiana Gas Company, Inc. d/b/a/ Vectren Energy Delivery of Indiana (Vectren North).

**Q3. Please describe your educational background.**

A. I am a 2001 graduate of the University of Evansville with a Bachelor of Science Degree in Accounting, and a 2005 graduate of the University of Southern Indiana with a Masters of Business Administration.

**Q4. Please describe your professional experience.**

A. From 2001 to 2003, I was employed by ExxonMobil Chemical as a Product and Inventory accountant. Since 2003, I have been employed with VUHI in various accounting capacities. In 2008, I was named Manager, Regulatory and Utility Accounting, and in November 2012, I was promoted to Director, Regulatory Implementation and Analysis.

1 **Q5. What are your present duties and responsibilities as Director, Regulatory**  
2 **Implementation and Analysis?**

3 A. I am responsible for the financial analysis and implementation of all regulatory initiatives  
4 for VEDO (and VUHI's other utility subsidiaries), as well as the preparation of  
5 accounting exhibits submitted in various regulatory proceedings.

6 **Q6. Are you familiar with the books, records, and accounting procedures of VEDO?**

7 A. Yes, I am.

8 **Q7. Are VEDO's books and records maintained in accordance with the Uniform System**  
9 **of Accounts (USoA) and generally accepted accounting principles?**

10 A. Yes.

11 **Q8. Have you previously testified before this Commission?**

12 A. Yes. I testified in VEDO's 2013 and 2014 DRR proceedings, Case Nos. 13-1121-GA-  
13 RDR and 14-0813-GA-RDR.

14 **Q9. What is the purpose of your testimony in this proceeding?**

15 A. My testimony explains the calculation of the revenue requirement for VEDO's  
16 Distribution Replacement Rider (DRR), which includes the bare steel and cast iron  
17 replacement program (the Replacement Program), the completed natural gas riser  
18 replacement program, and incremental costs associated with the Company's assumption  
19 of service line responsibility. I will also provide an explanation of the accounting  
20 procedures the Company uses to record and segregate the costs recoverable in the DRR.

21 **Q10. Please identify the exhibits to your testimony?**

22 A. The following exhibits are attached to my testimony:

- 23 • Exhibit No. JCS-1 – Summary of DRR Revenue Requirement
- 24 • Exhibit No. JCS-2 – Revenue Requirement for Main Replacement Program
- 25 • Exhibit No. JCS-2a – Utility Plant Additions for Main Replacement Program

- 1 • Exhibit No. JCS-2b – Utility Plant Retirements for Main Replacement Program
- 2 • Exhibit No. JCS-2c – Accumulated Depreciation for Main Replacement Program
- 3 • Exhibit No. JCS-2d – Cost of Removal for Main Replacement Program
- 4 • Exhibit No. JCS-2e – Post in Service Carrying Costs (PISCC) for Main Replacement
- 5 Program
- 6 • Exhibit No. JCS-2f – Annualized Property Tax Expense for Main Replacement
- 7 Program
- 8 • Exhibit No. JCS-2g – Deferred Taxes on Liberalized Depreciation for Main
- 9 Replacement Program
- 10 • Exhibit No. JCS-2h – Deferred Depreciation Regulatory Asset Balance for Main
- 11 Replacement Program
- 12 • Exhibit No. JCS-3 – Revenue Requirement for Service Line and Completed Riser
- 13 Replacement Program
- 14 • Exhibit No. JCS-3a – Utility Plant Additions for Service Line and Riser Replacement
- 15 Program
- 16 • Exhibit No. JCS-3b – Utility Plant Retirements for Service Line and Riser
- 17 Replacement Program
- 18 • Exhibit No. JCS-3c – Accumulated Depreciation for Service Line and Riser
- 19 Replacement Program
- 20 • Exhibit No. JCS-3d – Cost of Removal for Service Line and Riser Replacement
- 21 Program
- 22 • Exhibit No. JCS-3e – PISCC for Service Line and Riser Replacement Program
- 23 • Exhibit No. JCS-3f – Annualized Property Tax Expense for Service Line and Riser
- 24 Replacement Program
- 25 • Exhibit No. JCS-3g – Deferred Taxes on Liberalized Depreciation for Service Line
- 26 and Riser Replacement Program
- 27 • Exhibit No. JCS-3h – Deferred Depreciation Regulatory Asset Balance for Service
- 28 Line and Riser Replacement Program
- 29 • Exhibit No. JCS-4 – DRR Revenue Requirement Variance at December 31, 2014
- 30 • Exhibit No. JCS-4a – DRR Recoveries by Tariff



1     **II.     DRR REVENUE REQUIREMENT**

2     **Q11.   Please explain the work order process that VEDO uses to segregate and record the**  
3     **capital costs of the bare steel and cast iron replacement and riser/service line**  
4     **replacement programs (collectively, the Programs) while the projects are under**  
5     **construction (the Program Construction Costs).**

6     A.     To ensure proper accumulation and segregation of Program Construction Costs, a project  
7           number is assigned to each capital work order. All Program Construction Costs, as  
8           incurred, are recorded to the assigned project number and are maintained in the  
9           Company's financial systems (specifically the Financial Information System (FIS)  
10          Projects Accounting (PA) module). The project number is required for the recording of  
11          all Program Construction Costs into any of the FIS feeder systems. Each of the feeder  
12          systems, which include payroll, accounts payable, and material inventory, interface with  
13          the PA module. Total Program Construction Costs incurred can be viewed and/or  
14          reported by the project number at any point in time as the Programs progress.

15    **Q12.   What costs did VEDO include in the value of the property for the DRR rate base**  
16    **additions?**

17    A.     The DRR includes the construction costs of the Programs, as well as engineering and  
18           project management, permitting, consulting services, site preparation, equipment and  
19           installation, cost of retirement, an allocation of administrative overhead, and other related  
20           expenses.

21    **Q13.   Is an allowance for funds used during construction (AFUDC) included in the**  
22    **Program Construction Costs?**

23    A.     Yes, AFUDC has been recorded as part of the Program Construction Costs in accordance  
24           with USoA. The 2014 AFUDC rate used for all other VEDO construction projects was  
25           0.30%.

1 **Q14. When does VEDO discontinue recording AFUDC on the Program Construction**  
2 **Costs?**

3 A. VEDO ceases the accrual of AFUDC when each work order is placed in service and  
4 begins accruing PISCC at an annual rate of 7.02%. The Commission's order in Case No.  
5 07-1080-GA-AIR approved the accrual of PISCC after the work order in service date,  
6 along with the fixed rate utilized. The net PISCC deferred as of December 31, 2014, has  
7 been reflected on Exhibit No. JCS-2, Line 11 for mains and Exhibit No. JCS-3, Line 18  
8 for service lines.

9 **Q15. What is PISCC?**

10 A. PISCC stands for post-in-service carrying costs and is an allocation of interest cost to the  
11 infrastructure investments made in the Programs and is accumulated from the in-service  
12 date through the date each project's costs are included for recovery in the DRR or in base  
13 rates.

14 **Q16. Does the DRR revenue requirement include retirements and the cost of removal of**  
15 **utility plant assets?**

16 A. Yes. Existing bare steel and cast iron mains and service lines are being retired as part of  
17 the Program. VEDO had discontinued the installation of bare steel and cast iron pipe by  
18 the 1950s; therefore any retirements of these types of mains and service lines represent  
19 fully depreciated plant in service. As the retirements are performed, VEDO is also  
20 recording the cost to retire or remove the bare steel and cast iron assets as part of the  
21 Replacement Program.

22 **Q17. How did VEDO account for the asset retirements and associated cost of removal?**

23 A. In accordance with the USoA, the retirement of utility assets, at original cost, and the  
24 retirement's related cost of removal made necessary by the Replacement Program were  
25 charged to the associated depreciation reserve(s). The Replacement Program's original

cost retirements are reflected on Exhibit No. JCS-2, Lines 4 and 9 for mains, and on Exhibit No. JCS-3, Lines 7 and 8 and Lines 15 and 16 for service lines, and cost of removal is reflected on Exhibit No. JCS-2, Line 8 for mains and Exhibit No. JCS-3, Line 14 for service lines.

**Q18. What operating expenses are included in the DRR revenue requirement?**

A. VEDO has reflected the incremental property tax (Exhibit No. JCS-2, Line 20 (mains) and Exhibit No. JCS-3, Line 29 (service lines and risers)) and annualized depreciation expense (Exhibit No. JCS-2, Line 21 (mains) and Exhibit No. JCS-3, Line 30 and 31 (service lines and risers)) based on the net additions to plant in service shown on Exhibit No. JCS-2, Line 5, mains, and Exhibit No. JCS-3, Line 9, service lines. The annualized depreciation expense was calculated using the depreciation rates approved in VEDO's base rate case, Case No. 04-0571-GA-AIR, and property tax expense is supported by Exhibit No. JCS-2f (mains) and Exhibit No. JCS-3f (service lines and risers).

VEDO has also included in the DRR revenue requirement the incremental cost associated with assuming ownership of service lines. This expense is reflected on Exhibit No. JCS-3, Line 35. VEDO witness James M. Francis provides the support for the incremental expense in Exhibit No. JMF-8.

**Q19. Are there maintenance expense adjustments associated with the Replacement Program?**

A. Yes. As approved by the Commission in Case No. 13-1571-GA-ALT, O&M savings attributed to the Replacement Program are included as an offset to the costs recoverable in the DRR. In this case, the amount of the offset, reflected on Witness Francis' Exhibit No. JMF-7, was determined by adding together a baseline credit of \$294,116 and a credit of \$5,882 per mile of cumulative bare-steel and cast-iron main retired, for a total credit of

\$815,261. This credit is reflected in the DRR revenue requirement on Exhibit No. JCS-2, Line 24 for mains and Exhibit No. JCS-3, Line 36 for services. Witness Francis discusses the determination of this O&M savings credit.

**III. EXPLANATION OF EXHIBITS**

**Q20. Please explain Exhibit No. JCS-1.**

A. Exhibit No. JCS-1 summarizes the annualized revenue requirement for the Programs. The revenue requirement is supported by Exhibit Nos. JCS-2 through JCS-4.

**Q21. Please explain Exhibit No. JCS-2 and Exhibit No. JCS-3.**

A. Exhibit No. JCS-2 and Exhibit No. JCS-3 represent the revenue requirement calculation for VEDO's DRR charges based on net rate base at December 31, 2014, inclusive of PISCC and deferred taxes related to depreciation and PISCC. Exhibit No. JCS-2 represents the revenue requirement calculation for the main replacement program, and Exhibit No. JCS-3 represents the revenue requirement calculation for service line and riser replacements.

**Q22. Please explain Exhibit No. JCS-2a and Exhibit No. JCS-3a.**

A. Exhibit No. JCS-2a and Exhibit No. JCS-3a provide the balance of plant additions at December 31, 2013, and actual plant additions by month for the twelve months ended December 31, 2014, to determine utility plant additions at December 31, 2014. Exhibit No. JCS-2a provides information for the main replacement program, and Exhibit No. JCS-3a provides information for the service line and riser replacement programs.

**Q23. Please explain Exhibit No. JCS-2b and Exhibit No. JCS-3b.**

A. Exhibit No. JCS-2b and Exhibit No. JCS-3b provide the balance of the original cost plant retired under the Program as of December 31, 2013, as shown in Case No. 14-0813-GA-RDR, and the actual original cost retired by month for projects completed during the

1 twelve months ended December 31, 2014, to calculate the Replacement Program's total  
2 original cost retirements. Exhibit No. JCS-2b provides information for the main  
3 replacement program, and Exhibit No. JCS-3b provides information for the service line  
4 and riser replacement programs.

5 **Q24. Please explain Exhibit No. JCS-2c and Exhibit No. JCS-3c.**

6 A. Exhibit No. JCS-2c and Exhibit No. JCS-3c provide the balance of accumulated  
7 depreciation at December 31, 2013, and actual provision for depreciation by month for  
8 the twelve months ended December 31, 2014, to calculate the accumulated depreciation  
9 provision at December 31, 2014. Exhibit No. JCS-2c provides information for the main  
10 replacement program, and Exhibit No. JCS-3c provides information for the service line  
11 and riser replacement programs.

12 **Q25. Please explain Exhibit No. JCS-2d and Exhibit No. JCS-3d.**

13 A. Exhibit No. JCS-2d and Exhibit No. JCS-3d provide the balance of cost of removal at  
14 December 31, 2013, and the actual cost of removal by month for the twelve months  
15 ended December 31, 2014, to calculate the Program's total cost of removal through  
16 December 31, 2014. Exhibit No. JCS-2d provides information for the main replacement  
17 program, and Exhibit No. JCS-3d provides information for the service line and riser  
18 replacement programs.

19 **Q26. Please explain Exhibit No. JCS-2e and Exhibit No. JCS-3e.**

20 A. Exhibit No. JCS-2e and Exhibit No. JCS-3e provide the balance of the PISCC regulatory  
21 asset at December 31, 2013, and the PISCC activity by month for the twelve months  
22 ended December 31, 2014, to calculate the PISCC regulatory asset balance at December  
23 31, 2014. These schedules also provide the amortization of PISCC by month for the  
24 twelve months ended December 31, 2014, and an accumulated PISCC amortization

balance at December 31, 2014. Furthermore, these schedules provide the Net PISCC Regulatory Asset at December 31, 2014. Exhibit No. JCS-2e provides information for the main replacement program, and Exhibit No. JCS-3e provides information for the service line and riser replacement programs.

**Q27. Please explain Exhibit No. JCS-2f and Exhibit No. JCS-3f.**

A. Exhibit Nos. JCS-2f and Exhibit No. JCS-3f provide the calculation of the annualized property tax expense based on the net additions (mains, service lines and risers) to Plant In-Service under the Programs. This calculation follows the process used in VEDO's Annual Report to the Ohio Department of Taxation to determine the Net Property Valuation and uses the latest known average personal property tax rate. Exhibit No. JCS-2f provides information for the net main additions, and Exhibit No. JCS-3f provides information for the net service line and riser additions.

**Q28. Please explain Exhibit No. JCS-2g and Exhibit No. JCS-3g.**

A. Exhibit Nos. JCS-2g (mains) and Exhibit No. JCS-3g (service lines/risers) provide the calculation of depreciation-related deferred taxes for the Programs' capital investments placed in service during 2009, 2010, 2011, 2012, 2013 and 2014.

**Q29. Please explain Exhibit No. JCS-2h and Exhibit No. JCS-3h.**

A. Exhibit No. JCS-2h (mains) and Exhibit No. JCS-3h (service lines) provide the balance of the deferred depreciation regulatory asset as of December 31, 2013, and deferred depreciation activity by month for the twelve months ended December 31, 2014, to calculate the deferred depreciation regulatory asset balance as of December 31, 2014. These schedules also provide the amortization of deferred depreciation by month for the twelve months ended December 31, 2014, and an accumulated deferred depreciation amortization balance at December 31, 2014. Furthermore, these schedules provide the

1 net deferred depreciation Regulatory Asset at December 31, 2014. Exhibit No. JCS-2h  
2 provides information for the main replacement program, and Exhibit No. JCS-3h  
3 provides information for the service line and riser replacement programs.

4 **Q30. Please explain Exhibit No. JCS-4 and Exhibit No. JCS-4a.**

5 A. Exhibit No. JCS-4 provides the calculation of the DRR variance at December 31, 2014.  
6 This variance is associated with the DRR revenue requirement for the twelve months  
7 ended December 31, 2014.

8 Exhibit No. JCS-4a reflects DRR recoveries by month by customer group for the  
9 twelve months ended December 31, 2014.

10 **Q31. Does this conclude your direct testimony?**

11 A. Yes.



**VECTREN ENERGY DELIVERY OF OHIO, INC.  
DISTRIBUTION REPLACEMENT RIDER  
SUMMARY OF DRR REVENUE REQUIREMENT**

<u>Line</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	Mains Revenue Requirement	\$ 6,405,589	Exhibit No. JCS-2, Line 27
2	Service Lines Revenue Requirement	<u>14,824,631</u>	Exhibit No. JCS-3, Line 39
3	<b>Annual DRR Revenue Requirement</b>	<b><u>\$ 21,230,220</u></b>	<b>Line 1 + Line 2</b>

**VECTREN ENERGY DELIVERY OF OHIO, INC.  
DISTRIBUTION REPLACEMENT RIDER  
ANNUAL REVENUE REQUIREMENT - MAINS**

Line	Description	Amount	Reference
1	<b><u>Return on Investment:</u></b>		
2	<u>Plant In-Service at December 31, 2014</u>		
3	Additions - Main Replacements	\$ 53,381,313	Exhibit JCS-2a, Column O, Line 2
4	Original Cost - Retired Mains	(3,393,110)	Exhibit JCS-2b, Column Q, Line 2
5	Total Plant In-Service	\$ 49,988,203	Line 3 + Line 4
6	<u>Less: Accumulated Depreciation at December 31, 2014</u>		
7	Depreciation Expense - Mains	\$ (2,282,152)	Exhibit JCS-2c, Column O, Line 2
8	Cost of Removal - Mains	2,808,259	Exhibit JCS-2d, Column O, Line 2
9	Original Cost - Retired Mains	3,393,110	-Line 4
10	Total Accumulated Depreciation	\$ 3,919,217	Sum of Lines 7 - 9
11	Net Deferred Post In-Service Carrying Costs (PISCC) <sup>(3)</sup>	\$ 3,387,240	Exhibit JCS-2e, Column O, Line 4
12	Deferred Depreciation Regulatory Asset Balance - Mains	\$ 652,185	Exhibit JCS-2h, Column B, Line 3
13	Net Deferred Tax Balance - PISCC	\$ (1,185,534)	-Line 11 x 35%
14	Deferred Taxes on Depreciation	\$ (12,441,152)	Exhibit No. JCS-2g, Line 19
15	Deferred Taxes on Deferred Depreciation Regulatory Asset	\$ (228,265)	-Line 12 x 35%
16	Net Rate Base	\$ 44,091,894	Sum of Lines 5 and 10-15
17	Pre-Tax Rate of Return	11.67%	Case No. 07-1080-GA-AIR
18	<b>Annualized Return on Rate Base - Mains</b>	<b>\$ 5,145,524</b>	Line 16 x Line 17
19	<b><u>Operations and Maintenance Expenses</u></b>		
20	Annualized Property Tax Expense	\$ 1,140,273	Exhibit No. JCS-2f, Line 17
21	Annualized Depreciation Expense	884,791	Line 5 x 1.77% <sup>(1)</sup>
22	Annualized PISCC Amortization Expense	53,158	Exhibit JCS-2e, Column D, Line 13
23	Annualized Deferred Depreciation Amortization Expense - Mains	10,168	Exhibit JCS-2h, Column C, Line 21
24	Annualized Maintenance Adjustment	(543,537)	(2)
25	<b>Total Incremental Operating Expenses - Mains</b>	<b>\$ 1,544,853</b>	Sum of Lines 20-24
26	<b>Variance</b>	<b>\$ (284,788)</b>	Exhibit JCS-4, Line 15
27	<b>Total Annual Revenue Requirement - Mains</b>	<b>\$ 6,405,589</b>	Line 18 + Line 25 + Line 26

(To Exhibit No. JCS-1 and Exhibit No. SEA-1, page 1 of 5)

(1) FERC Account 676 depreciation rate approved in Case No. 04-0571-GA-AIR.

(2) Support provided by VEDO Witness James Francis, Exhibit No. JMF-7, Column C, Line 4.

Allocation of Exhibit No. JMF-7 between Mains and Services based upon the cumulative gross investment 2013-2014.

(3) PISCC is accrued at an annual rate of 7.02% from the in service date until investments are reflected in the DRR rate as approved in Case No. 07-1080-GA-AIR.

Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Mains - Plant Additions  
Twelve Months Ended December 31, 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Balance at 12/31/2013	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	Balance at 12/31/2014	
1	<u>Cumulative Balance</u>														
2	Mains	\$ 39,753,873	\$ 39,861,758	\$ 40,300,987	\$ 40,708,436	\$ 41,478,087	\$ 41,618,121	\$ 42,630,135	\$ 43,613,536	\$ 47,876,969	\$ 49,584,341	\$ 50,171,407	\$ 52,006,606	\$ 53,381,313	To JCS-2, Line 3
3	<u>Current Year Activity</u>		<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	Activity for Twelve Months Ended 12/31/2014
4	Mains		\$ 107,885	\$ 439,229	\$ 407,449	\$ 769,651	\$ 140,034	\$ 1,012,014	\$ 983,401	\$ 4,263,433	\$ 1,707,372	\$ 587,066	\$ 1,835,199	\$ 1,374,707	\$ 13,627,440

Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Mains - Retirements  
Twelve Months Ended December 31, 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Line No.	Description	Retirements per 2014 Filing	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	12/31/2014		Total Retirements for Work Orders Placed in Service by 12/31/2014
1	<u>Cumulative Balance</u>															
2	Mains	\$ (2,636,399)	\$ (2,636,399)	\$ (2,667,364)	\$ (2,680,021)	\$ (2,765,052)	\$ (2,805,606)	\$ (2,820,844)	\$ (2,908,875)	\$ (3,114,147)	\$ (3,227,634)	\$ (3,250,915)	\$ (3,407,100)	\$ (3,393,110)	\$	(3,393,110) To JCS-2, Line 4
3	<u>Current Year Activity</u>		<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	<u>2015</u> <sup>(1)</sup>	Retirements for Work Orders Placed In Service in 2014
4	Mains	\$	-	\$ (30,965)	\$ (12,657)	\$ (85,031)	\$ (40,554)	\$ (15,238)	\$ (88,031)	\$ (205,272)	\$ (113,487)	\$ (23,281)	\$ (156,185)	\$ 13,990	\$ -	\$ (756,711)

Notes:

(1) Represents retirements recorded in early 2015 for work orders closed in 2014.

Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Mains - Depreciation  
Twelve Months Ended December 31, 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
Line No.	Description	Accumulated Depreciation at 12/31/2013	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	12/31/2014	
1	<u>Cumulative Balance</u>														
2	Mains	\$ (1,490,935)	\$ (1,549,652)	\$ (1,608,772)	\$ (1,668,516)	\$ (1,729,129)	\$ (1,790,412)	\$ (1,852,545)	\$ (1,916,150)	\$ (1,983,624)	\$ (2,055,502)	\$ (2,129,072)	\$ (2,204,428)	\$ (2,282,152)	To JCS-2, Line 7
3	<u>Current Year Activity</u>		<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	2014 Depreciation Expense
4	Mains		\$ (58,717)	\$ (59,120)	\$ (59,744)	\$ (60,613)	\$ (61,283)	\$ (62,133)	\$ (63,605)	\$ (67,474)	\$ (71,878)	\$ (73,570)	\$ (75,356)	\$ (77,724)	\$ (791,217)

Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Mains - Cost of Removal  
Twelve Months Ended December 31, 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Cost of Removal at 12/31/2013	<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	Balance at 12/31/2014	
1	<u>Cumulative Balance</u>														
2	Mains	\$ 2,085,371	\$ 2,091,113	\$ 2,112,561	\$ 2,129,015	\$ 2,181,436	\$ 2,232,459	\$ 2,317,751	\$ 2,464,884	\$ 2,573,255	\$ 2,674,324	\$ 2,792,068	\$ 2,823,001	\$ 2,808,259	To JCS-2, Line 8
3	<u>Current Year Activity</u>		<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	Activity for Twelve Months Ended 12/31/2014
4	Mains		\$ 5,742	\$ 21,448	\$ 16,454	\$ 52,421	\$ 51,023	\$ 85,292	\$ 147,133	\$ 108,371	\$ 101,069	\$ 117,744	\$ 30,933	\$ (14,742)	\$ 722,888

Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Mains - Post In Service Carrying Costs (PISCC)  
Twelve Months Ended December 31, 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	PISCC at 12/31/2013	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	Balance at 12/31/2014	
1	<u>Cumulative Balance</u>														
2	Mains-PISCC	\$ 2,545,009	\$ 2,611,958	\$ 2,681,211	\$ 2,752,727	\$ 2,828,747	\$ 2,905,877	\$ 2,988,377	\$ 3,077,304	\$ 3,188,984	\$ 3,243,074	\$ 3,302,938	\$ 3,373,735	\$ 3,451,820	
3	Mains-PISCC Amortization	\$ (34,600)	\$ (36,716)	\$ (38,832)	\$ (40,948)	\$ (43,064)	\$ (45,180)	\$ (47,296)	\$ (49,412)	\$ (51,528)	\$ (54,791)	\$ (58,054)	\$ (61,317)	\$ (64,580)	
4	Deferred PISCC - Mains	\$ 2,510,409	\$ 2,575,242	\$ 2,642,379	\$ 2,711,779	\$ 2,785,683	\$ 2,860,697	\$ 2,941,081	\$ 3,027,892	\$ 3,137,456	\$ 3,188,283	\$ 3,244,884	\$ 3,312,418	\$ 3,387,240	To JCS-2, Line 11
5	<u>Current Year Activity</u>		<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	Activity for Twelve Months Ended 12/31/2014
6	2013 Mains - Deferred PISCC	\$ 66,634	\$ 66,634	\$ 66,634	\$ 66,634	\$ 66,634	\$ 66,634	\$ 66,634	\$ 66,634	\$ 66,634	\$ -	\$ -	\$ -	\$ -	\$ 533,072
7	2014 Mains - Deferred PISCC	315	2,619	4,882	9,386	10,496	15,866	22,293	45,046	54,090	59,864	70,797	78,085	373,739	
8	Total 2014 Deferred PISCC	\$ 66,949	\$ 69,253	\$ 71,516	\$ 76,020	\$ 77,130	\$ 82,500	\$ 88,927	\$ 111,680	\$ 54,090	\$ 59,864	\$ 70,797	\$ 78,085	\$ 906,811	
9	Mains-PISCC Amortization	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (3,263)	\$ (3,263)	\$ (3,263)	\$ (3,263)	\$ (29,980)
10	<u>Annualized PISCC Amortization</u>														
11	Cumulative PISCC at 12/31/2014	\$ 3,451,820													
12	Amortization % <sup>(1)</sup>	1.54%													
13	Annualized PISCC Amortization	\$ 53,158													To JCS-2, Line 22

Notes:

(1) FERC Account 676 depreciation rate's average service life or 65 years, as approved in Case No. 04-0571-GA-AIR.



**VECTREN ENERGY DELIVERY OF OHIO, INC.**  
**DISTRIBUTION REPLACEMENT RIDER**  
**ANNUALIZED PROPERTY TAX EXPENSE - MAIN REPLACEMENTS**

Line	Description	Amount							Reference
		<b>In Service Year</b>							
		<u><b>2009</b></u>	<u><b>2010</b></u>	<u><b>2011</b></u>	<u><b>2012</b></u>	<u><b>2013</b></u>	<u><b>2014</b></u>	<u><b>Total</b></u>	
1	Mains Replacements - Book Value	\$ 7,062,973	\$ 5,230,340	\$ 6,856,923	\$ 9,213,164	\$ 11,390,473	\$ 13,627,440	\$ 53,381,313	Exhibit No. JCS-2, Line 3
2	Less: Capitalized Interest / AFUDC	(14,378)	(18,419)	(19,885)	(1,595)	(1,181)	(6,659)	(62,117)	
3	Net Cost of Taxable Property	\$ 7,048,595	\$ 5,211,921	\$ 6,837,038	\$ 9,211,569	\$ 11,389,292	\$ 13,620,781	\$ 53,319,196	Line 1 + Line 2
4	% Good <sup>(1)</sup>	81.7%	85.0%	88.3%	91.7%	95.0%	98.3%		
5	Tax Value	\$ 5,758,702	\$ 4,430,133	\$ 6,037,105	\$ 8,447,009	\$ 10,819,827	\$ 13,389,228	\$ 48,882,004	Line 3 x Line 4
6	x Valuation Percentage (25%) <sup>(2)</sup>	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	
7	Taxable Value/Assessment	\$ 1,439,676	\$ 1,107,533	\$ 1,509,276	\$ 2,111,752	\$ 2,704,957	\$ 3,347,307	\$ 12,220,501	Line 5 x Line 6
8	VEDO's Average 2014 Personal Property Tax Rate							9.429%	
9	<b>Annual Property Tax Expense - Main Replacements</b>							<b>\$ 1,152,271</b>	Line 7 x Line 8
10	Mains Retired - Property Tax Basis	\$ (155,580)	\$ (91,239)	\$ (258,273)	\$ (881,575)	\$ (1,249,732)	\$ (756,711)	\$ (3,393,110)	Exhibit No. JCS-2, Line 4
11	% Good <sup>(3)</sup>	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%		
12	Tax Value	\$ (23,337)	\$ (13,686)	\$ (38,741)	\$ (132,236)	\$ (187,460)	\$ (113,507)	\$ (508,967)	Line 10 x Line 11
13	x Valuation Percentage (25%) <sup>(2)</sup>	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	
14	Taxable Value/Assessment	\$ (5,834)	\$ (3,422)	\$ (9,685)	\$ (33,059)	\$ (46,865)	\$ (28,377)	\$ (127,242)	Line 12 x Line 13
15	VEDO's Average 2014 Personal Property Tax Rate							9.429%	
16	<b>Annual Property Tax Reduction - Main Retirements</b>							<b>\$ (11,998)</b>	Line 14 x Line 15
17	<b>Annualized Property Tax Expense - Mains</b>							<b>\$ 1,140,273</b>	Line 9 + Line 16
								<b>(To Exhibit No. JCS-2, Line 20)</b>	

**Notes:**

- (1) Per Ohio Department of Taxation Annual Natural Gas Property Tax Report, Schedule C, Distribution Plant.  
(2) Per Ohio Department of Taxation Annual Natural Gas Property Tax Report, Schedule G.  
(3) Per Ohio Department of Taxation Annual Natural Gas Property Tax Report, Schedule C(2), Distribution Plant.

**VECTREN ENERGY DELIVERY OF OHIO, INC.  
DISTRIBUTION REPLACEMENT RIDER  
DEFERRED TAXES ON LIBERALIZED DEPRECIATION - MAINS**

Line	Description	Amount							Reference
		2009 <sup>[2]</sup>	2010 <sup>[2]</sup>	In Service Year			2014	Total	2014 Reference <sup>[1]</sup>
				2011	2012	2013			
1	<b>Plant in Service at December 31, 2014:</b>								
2	Mains - Bare Steel/Cast Iron Replacements	\$ 7,062,973	\$ 5,230,340	\$ 6,856,923	\$ 9,213,164	\$ 11,390,473	\$ 13,627,440	\$ 53,381,313	Exhibit No. JCS-2, Line 3
3	Book to Tax Basis Adjustment - Capitalized Interest	\$ (2,013)	\$ (2,579)	\$ (2,784)	\$ (223)	\$ 18,564	\$ 33,276	\$ 44,241	
4	Book to Tax Basis Adjustment - 50% Bonus Depreciation	(3,530,480)	(2,327,524)	591,548	(4,580,674)	(5,704,518)	(6,830,358)	(22,382,006)	(-Line 2 - Line 3 - Line 5) / 2
5	Book to Tax Basis Adjustment - 100% Bonus Depreciation	-	(572,714)	(8,037,235)	(51,592)	-	-	(8,661,541)	[3]
6	Total Income Tax MACRS Depreciation Base	\$ 3,530,480	\$ 2,327,524	\$ (591,548)	\$ 4,580,674	\$ 5,704,518	\$ 6,830,358	\$ 22,382,006	Sum of Lines 2-5
7	<b>Tax Depreciation:</b>								
8	MACRS Rate - 15 Year	43.910%	37.680%	30.750%	23.050%	14.500%	5.000%		
9	MACRS Rate - 20 Year	34.821%	29.536%	23.823%	17.646%	10.969%	3.750%		
10	MACRS Depreciation - 15 Year	\$ 1,550,234	\$ 877,011	\$ -	\$ -	\$ -	\$ -	\$ 2,427,245	[4]
11	MACRS Depreciation - 20 Year	-	-	(140,924)	808,306	625,729	256,138	1,549,248	[4]
12	Bonus Depreciation	3,530,480	2,900,238	7,445,687	4,632,266	5,704,518	6,830,358	31,043,548	-Line 4 - Line 5
13	Cost of Removal Incurred	407,719	395,153	299,087	136,767	846,645	722,888	2,808,259	Exhibit No. JCS-2, Line 8
14	Total Tax Depreciation	\$ 5,488,433	\$ 4,172,402	\$ 7,603,850	\$ 5,577,339	\$ 7,176,892	\$ 7,809,384	\$ 37,828,300	Line 10 + Line 11 + Line 12 + Line 13
15	<b>Book Depreciation:</b>								
16	Mains							\$ 2,282,152	-Exhibit No. JCS-2, Line 7
17	Tax Depreciation in Excess of Book Depreciation							\$ (35,546,148)	Line 16 - Line 14
18	Federal Deferred Taxes at 35%							35%	
19	<b>Deferred Tax Balance at December 31, 2014 - Mains</b>							<b>\$ (12,441,152)</b>	Line 17 * Line 18
								<b>(To Exhibit No. JCS-2, Line 14)</b>	

**Notes:**

[1] Reference column is applicable to column 2014 under In Service Year section to the left.

[2] Agrees to Exhibit JMB-3g in Case No. 12-1423-GA-RDR, with the exception of the Cost of Removal Incurred amount (Line 13). See Note 4 for tax depreciation formula.

[3] Represents spend on work orders placed in service in 2014, eligible for 100% bonus depreciation. There was no 100% bonus Depreciation in 2014.

[4] Per Internal Revenue Code ("IRC") Sec 168(e)(3)(E)(viii), gas utility distribution facilities placed in service before January 1, 2011 have a MACRS life of 15 years. For utility distribution facilities placed in service after January 1, 2011, MACRS life is 20 years per IRC Rev. Proc. 87-56. Below is the formula for tax depreciation by year.

Formula:	2009	2010	2011	2012	2013	2014
Line 10 = Line 6 * Line 8	X	X				
Line 11 = Line 6 * Line 9			X	X	X	X

Vectren Energy Delivery of Ohio, Inc.  
Distribution Replacement Rider (DRR)  
Mains - Deferred Depreciation Regulatory Asset Balance  
For the Period Ended December 31, 2014

A

B

C

		(2014 Filing Exhibit No. JCS-2h)													
		Deferred Depr at 12/31/2013												Total Balance at Dec-14	
Line	Description		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14		
	<b>Cumulative Balance</b>														
1	Mains - Deferred Depreciation	\$	458,439	\$ 476,843	\$ 489,511	\$ 503,253	\$ 521,214	\$ 542,209	\$ 565,602	\$ 584,435	\$ 617,871	\$ 642,879	\$ 648,028	\$ 643,504	\$ 660,271
2	Mains - Deferred Depreciation Amortization		(3,078)	(3,410)	(3,742)	(4,074)	(4,406)	(4,738)	(5,070)	(5,402)	(5,734)	(6,322)	(6,910)	(7,498)	(8,086)
3	Mains - Deferred Depreciation	\$	455,361	\$ 473,433	\$ 485,769	\$ 499,179	\$ 516,808	\$ 537,471	\$ 560,532	\$ 579,032	\$ 612,137	\$ 636,557	\$ 641,117	\$ 636,005	\$ 652,185

To JCS-2, Line 12

		Activity for												Total Balance by Calendar Year	
Line	Description		Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	
4	Mains In-Service Activity	2014 Filing Exhibit No. JCS-2a	\$ 1,558,044	\$ 593,905	\$ 1,063,141	\$ 862,505	\$ 1,838,645	\$ 1,203,186	\$ 1,082,834	\$ 587,992	\$ 1,506,879	\$ 272,154	\$ (653,788)	\$ 1,474,976	\$ 11,390,473
5	Less: Retirements	2014 Exhibit Filing Exhibit No. JCS -2b	(153,512)	(56,163)	(367,340)	(67,827)	(152,673)	(30,564)	(102,463)	(37,102)	(84,878)	(12,015)	(44,406)	(140,789)	(1,249,732)
6	Net Main Additions	Line 4 + Line 5	\$ 1,404,532	\$ 537,742	\$ 695,801	\$ 794,678	\$ 1,685,972	\$ 1,172,622	\$ 980,371	\$ 550,890	\$ 1,422,001	\$ 260,139	\$ (698,194)	\$ 1,334,187	\$ 10,140,741
7	Monthly Depreciation Rate	(1)	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	
8	# of Months from 1/1/2014 to Effective Date of DRR Rates, 9/1/2014		8	8	8	8	8	8	8	8	8	8	8	8	
9	Depreciation Expense Recognized - 1/1/2014 to 9/1/2014	Line 6 x Line 7 x Line 8	\$ 16,573	\$ 6,345	\$ 8,210	\$ 9,377	\$ 19,894	\$ 13,837	\$ 11,568	\$ 6,501	\$ 16,780	\$ 3,070	\$ (8,239)	\$ 15,743	\$ 119,661

		Activity for												Total Balance by Calendar Year	
Line	Description		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	
10	Mains In-Service Activity	Exhibit No. JCS-2a	\$ 107,885	\$ 439,229	\$ 407,449	\$ 769,651	\$ 140,034	\$ 1,012,014	\$ 983,401	\$ 4,263,433	\$ 1,707,372	\$ 587,066	\$ 1,835,199	\$ 1,374,707	\$ 13,627,440
11	Less: Retirements	Exhibit No. JCS -2b	-	(30,965)	(12,657)	(85,031)	(40,554)	(15,238)	(88,031)	(205,272)	(113,487)	(23,281)	(156,185)	13,990	(756,711)
12	Net Main Additions	Line 10 + Line 11	\$ 107,885	\$ 408,264	\$ 394,792	\$ 684,620	\$ 99,480	\$ 996,776	\$ 895,370	\$ 4,058,161	\$ 1,593,885	\$ 563,785	\$ 1,679,014	\$ 1,388,697	\$ 12,870,729
13	Monthly Depreciation Rate	(1)	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	
14	# of Months from In-Service Date to Effective Date of DRR Rate, 9/1/2015		19.5	18.5	17.5	16.5	15.5	14.5	13.5	12.5	11.5	10.5	9.5	8.5	
15	Depreciation Expense Recognized - In-Service to 9/1/2015	Line 12 x Line 13 x Line 14	\$ 3,103	\$ 11,141	\$ 10,191	\$ 16,662	\$ 2,274	\$ 21,319	\$ 17,829	\$ 74,822	\$ 27,036	\$ 8,732	\$ 23,527	\$ 17,411	\$ 234,046
16	Deferred Depreciation Expense - Calendar Year 2014		\$ 1,830	\$ 6,323	\$ 5,532	\$ 8,583	\$ 1,100	\$ 9,557	\$ 7,264	\$ 26,936	\$ 8,228	\$ 2,079	\$ 3,715	\$ 1,024	\$ 82,172
17	Deferred Depreciation Expense - Calendar Year 2015		\$ 1,273	\$ 4,818	\$ 4,659	\$ 8,079	\$ 1,174	\$ 11,762	\$ 10,565	\$ 47,886	\$ 18,808	\$ 6,653	\$ 19,812	\$ 16,387	\$ 151,875
18	Mains - Deferred Depreciation Amortization		\$ (332)	\$ (332)	\$ (332)	\$ (332)	\$ (332)	\$ (332)	\$ (332)	\$ (332)	\$ (588)	\$ (588)	\$ (588)	\$ (588)	\$ (5,009)
19	Net Mains Deferred Depreciation at 12/31/2014	Line 1, Column B													\$ 660,271
20	Average Service Life - Mains	(2)													1.54%
21	Annual Amortization Expense	Line 19 x Line 20													\$ 10,168

To JCS-2, Line 23

(1) FERC Account 676 depreciation rate approved in Case No. 04-0571-GA-AIR.

(2) FERC Account 676 depreciation rate's average service life or 65 years, as approved in Case No. 04-0571-GA-AIR.

**VECTREN ENERGY DELIVERY OF OHIO, INC.  
DISTRIBUTION REPLACEMENT RIDER  
ANNUAL REVENUE REQUIREMENT - SERVICE LINES**

Line	Description	Amount	Reference
1	<b><u>Return on Investment:</u></b>		
2	<b><u>Plant In-Service at December 31, 2014</u></b>		
3	Additions - Services Replacements (Bare Steel/Cast Iron)	\$ 55,310,451	Exhibit JCS-3a, Column O, Line 2
4	Additions - Meter Installation (Bare Steel/Cast Iron)	11,189,326	Exhibit JCS-3a, Column O, Line 3
5	Additions - Services Replacements (Service Line Responsibility)	13,315,160	Exhibit JCS-3a, Column O, Line 4
6	Additions - Natural Gas Risers	17,262,601	Exhibit JCS-3a, Column O Line 5
7	Original Cost - Retired Services	(367,892)	Exhibit JCS-3b, Column Q, Line 2
8	Original Cost - Retired Meter Installation	(222,505)	Exhibit JCS-3b, Column Q, Line 3
9	Total Plant In-Service	\$ 96,487,140	Sum of Lines 3 - 8
10	<b><u>Less: Accumulated Depreciation at December 31, 2014</u></b>		
11	Depreciation Expense - Services	\$ (7,094,300)	Exhibit JCS-3c, Column O, Line 2
12	Depreciation Expense - Meter Installation	(428,847)	Exhibit JCS-3c, Column O, Line 3
13	Depreciation Expense - Natural Gas Risers	(4,018,221)	Exhibit JCS-3c, Column O, Line 4
14	Cost of Removal - Services	1,705,433	Exhibit JCS-3d, Column O, Line 2
15	Original Cost - Retired Services	367,892	-Line 7
16	Original Cost - Retired Meter Installation	222,505	-Line 8
17	Total Accumulated Depreciation	\$ (9,245,538)	Sum of Lines 11 - 16
18	Net Deferred Post In-Service Carrying Costs (PISCC) <sup>(3)</sup>	\$ 5,771,565	Exhibit JCS-3e, Column O, Line 10
19	Deferred Depreciation Regulatory Asset Balance - Services	\$ 3,155,572	Exhibit JCS-3h, Page 1, Column B, Line 3
20	Deferred Depreciation Regulatory Asset Balance - Meter Installation	\$ 153,736	Exhibit JCS-3h, Page 2, Column B, Line 3
21	Net Deferred Tax Balance - PISCC	\$ (2,020,048)	-Line 18 x 35%
22	Deferred Taxes on Depreciation	\$ (19,144,311)	Exhibit No. JCS-3g, Line 31
23	Deferred Taxes on Deferred Depreciation Regulatory Asset - Services	\$ (1,104,450)	-Line 19 x 35%
24	Deferred Taxes on Deferred Depreciation Regulatory Asset - Meter Installation	\$ (53,808)	-Line 20 x 35%
25	Net Rate Base	\$ 73,999,859	Sum of Lines 9 and 17-24
26	Pre-Tax Rate of Return	11.67%	Case No. 07-1080-GA-AIR
27	<b>Annualized Return on Rate Base -Service Lines</b>	<b>\$ 8,635,784</b>	Line 25 x Line 26
28	<b><u>Operations and Maintenance Expenses</u></b>		
29	Annualized Property Tax Expense	\$ 2,091,626	Exhibit No. JCS-3f, Line 24
30	Annualized Depreciation Expense - Services	4,498,369	(Line 3+ Lines 5-7) x 5.26% <sup>(1)</sup>
31	Annualized Depreciation Expense - Meter Installation	199,596	(Line 4 + Line 8) x 1.82% <sup>(1)</sup>
32	Annualized PISCC Amortization Expense	103,791	Exhibit No. JCS-3e, Column D, Line 33
33	Annualized Deferred Depreciation Amortization Expense - Services	56,122	Exhibit JCS-3h, Page 1, Column C, Line 25
34	Annualized Deferred Depreciation Amortization Expense - Meter Installation	2,837	Exhibit JCS-3h, Page 2, Column C, Line 21
35	Incremental O&M - Service Line Responsibility	193,901	(2)
36	Annualized Maintenance Adjustment	(271,724)	(4)
37	<b>Total Incremental Operating Expenses - Service Lines</b>	<b>\$ 6,874,518</b>	Sum of Lines 29-36
38	<b>Variance</b>	<b>\$ (685,671)</b>	Exhibit No. JCS-4, Line 16
39	<b>Total Revenue Requirement - Service Lines</b>	<b>\$ 14,824,631</b>	Line 27 + Line 37 + Line 38

(To Exhibit No. JCS-1 and Exhibit No. SEA-1, page 1 of 5)

- (1) FERC Account 680 (Line 30) and FERC Account 682 (Line 31) depreciation rates approved in Case No. 04-0571-GA-AIR.  
(2) Support provided by VEDO Witness James Francis, Exhibit No. JMF-8, Column C, Line 16.  
(3) PISCC is accrued at an annual rate of 7.02% from the in service date until investments are reflected in the DRR rate as approved in Case No. 07-1080-GA-AIR.  
(4) Support provided by VEDO Witness James Francis, Exhibit No. JMF-7, Column C, Line 4.  
Allocation of Exhibit No. JMF-7 between Mains and Services based upon the cumulative gross investment 2013-2014.

Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Service Lines - Plant Additions  
Twelve Months Ended December 31, 2014

A	B		C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Reference	Balance at 12/31/2013	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	Balance at 12/31/2014	
1	<u>Cumulative Balance</u>															
2	Services		\$ 37,935,629	\$ 38,031,577	\$ 38,513,303	\$ 38,872,604	\$ 40,115,945	\$ 40,420,530	\$ 41,398,572	\$ 42,834,718	\$ 45,837,177	\$ 48,333,758	\$ 49,565,796	\$ 53,340,514	\$ 55,310,451	To JCS-3, Line 3
3	Meter Installation		\$ 8,173,346	\$ 8,204,520	\$ 8,314,073	\$ 8,407,544	\$ 8,551,106	\$ 8,641,956	\$ 8,805,022	\$ 9,044,274	\$ 9,526,879	\$ 9,943,550	\$ 10,135,829	\$ 10,830,639	\$ 11,189,326	To JCS-3, Line 4
4	Service Line Responsibility		\$ 8,037,697	\$ 8,383,951	\$ 8,692,194	\$ 9,011,676	\$ 9,548,312	\$ 10,024,777	\$ 10,531,710	\$ 11,056,026	\$ 11,525,544	\$ 12,086,270	\$ 12,680,072	\$ 13,028,743	\$ 13,315,160	To JCS-3, Line 5
5	Risers		<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	<u>\$ 17,262,601</u>	To JCS-3, Line 6
6	Total Service Line Additions	Sum of Lines 2-5	\$ 71,409,273	\$ 71,882,649	\$ 72,782,171	\$ 73,554,426	\$ 75,477,964	\$ 76,349,864	\$ 77,997,905	\$ 80,197,618	\$ 84,152,201	\$ 87,626,178	\$ 89,644,298	\$ 94,462,497	\$ 97,077,537	
7	<u>Current Year Activity</u>			<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	Activity for Twelve Months Ended 12/31/2014
8	Services		\$	95,948	\$ 481,726	\$ 359,301	\$ 1,243,341	\$ 304,585	\$ 978,042	\$ 1,436,146	\$ 3,002,459	\$ 2,496,581	\$ 1,232,038	\$ 3,774,718	\$ 1,969,937	\$ 17,374,822
9	Meter Installation (1)		\$	31,174	\$ 109,553	\$ 93,471	\$ 143,562	\$ 90,850	\$ 163,065	\$ 239,252	\$ 482,605	\$ 416,671	\$ 192,279	\$ 694,810	\$ 358,686	\$ 3,015,979
10	Service Line Responsibility		\$	346,254	\$ 308,243	\$ 319,483	\$ 536,635	\$ 476,465	\$ 506,933	\$ 524,315	\$ 469,519	\$ 560,726	\$ 593,802	\$ 348,670	\$ 286,417	\$ 5,277,463
11	Risers		<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>
12	Total Service Line Additions	Sum of Lines 8-11	\$	473,376	\$ 899,522	\$ 772,254	\$ 1,923,538	\$ 871,901	\$ 1,648,041	\$ 2,199,713	\$ 3,954,582	\$ 3,473,978	\$ 2,018,120	\$ 4,818,199	\$ 2,615,040	\$ 25,668,264

(1) Also includes Meter Installation from Service Line Responsibility.

Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Service Lines - Retirements  
Twelve Months Ended December 31, 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Line No.	Description	Retirements at 12/31/2013	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	12/31/2014		Total Retirements for Work Orders Placed in Service by 12/31/2014
1	<u>Cumulative Balance</u>															
2	Services	\$ (251,699)	\$ (251,699)	\$ (254,819)	\$ (255,201)	\$ (259,762)	\$ (262,360)	\$ (263,165)	\$ (276,333)	\$ (305,375)	\$ (315,564)	\$ (319,671)	\$ (349,243)	\$ (367,892)	\$	(367,892) To JCS-3, Line 7
3	Meter Installations	\$ (22,378)	\$ (22,378)	\$ (22,625)	\$ (22,645)	\$ (22,991)	\$ (23,072)	\$ (23,094)	\$ (23,585)	\$ (25,077)	\$ (86,141)	\$ (86,474)	\$ (220,539)	\$ (222,505)	\$	(222,505) To JCS-3, Line 8
4	<u>Current Year Activity</u>		<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	<u>2015<sup>(1)</sup></u>	Retirements for Work Orders Placed In Service in 2014
5	Services	\$ -	\$ (3,120)	\$ (382)	\$ (4,561)	\$ (2,598)	\$ (805)	\$ (13,168)	\$ (29,042)	\$ (10,189)	\$ (4,107)	\$ (29,572)	\$ (18,649)	\$ -	\$	(116,193)
6	Meter Installations	\$ -	\$ (247)	\$ (20)	\$ (346)	\$ (81)	\$ (22)	\$ (491)	\$ (1,492)	\$ (61,064)	\$ (333)	\$ (134,065)	\$ (1,966)	\$ -	\$	(200,127)

Notes:

(1) Represents retirements recorded in early 2015 for work orders closed in 2014.

Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Service Lines - Depreciation  
Twelve Months Ended December 31, 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Accumulated Depreciation at 12/31/2013	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	12/31/2014	
1	<u>Cumulative Balance</u>														
2	Services <sup>(1)</sup>	\$ (4,240,167)	\$ (4,442,653)	\$ (4,647,839)	\$ (4,856,244)	\$ (5,070,038)	\$ (5,289,445)	\$ (5,513,818)	\$ (5,745,742)	\$ (5,989,572)	\$ (6,247,712)	\$ (6,516,555)	\$ (6,798,436)	\$ (7,094,300)	To JCS-3, Line 11
3	Meter Installation	\$ (261,881)	\$ (274,301)	\$ (286,828)	\$ (299,509)	\$ (312,369)	\$ (325,407)	\$ (338,638)	\$ (352,174)	\$ (366,257)	\$ (381,022)	\$ (396,249)	\$ (412,149)	\$ (428,847)	To JCS-3, Line 12
4	Natural Gas Risers	\$ (3,110,205)	\$ (3,185,873)	\$ (3,261,541)	\$ (3,337,209)	\$ (3,412,877)	\$ (3,488,545)	\$ (3,564,213)	\$ (3,639,881)	\$ (3,715,549)	\$ (3,791,217)	\$ (3,866,885)	\$ (3,942,553)	\$ (4,018,221)	To JCS-3, Line 13
5	<u>Current Year Activity</u>		<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	2014 Depreciation Expense
6	BS/CI Service Lines	\$ (166,495)	\$ (167,761)	\$ (169,604)	\$ (173,117)	\$ (176,509)	\$ (179,320)	\$ (184,611)	\$ (194,339)	\$ (206,391)	\$ (214,563)	\$ (225,536)	\$ (238,127)	\$ (249,373)	(2,296,373)
7	Incremental Service Line Responsibility	\$ (35,991)	\$ (37,425)	\$ (38,801)	\$ (40,677)	\$ (42,898)	\$ (45,053)	\$ (47,313)	\$ (49,491)	\$ (51,749)	\$ (54,280)	\$ (56,345)	\$ (57,737)	\$ (59,129)	(557,760)
8	Services <sup>(1)</sup>	Line 6 + Line 7	\$ (202,486)	\$ (205,186)	\$ (208,405)	\$ (213,794)	\$ (219,407)	\$ (224,373)	\$ (231,924)	\$ (243,830)	\$ (258,140)	\$ (268,843)	\$ (281,881)	\$ (295,864)	(2,854,133)
9	Meter Installation	\$ (12,420)	\$ (12,527)	\$ (12,681)	\$ (12,860)	\$ (13,038)	\$ (13,231)	\$ (13,536)	\$ (14,083)	\$ (14,765)	\$ (15,227)	\$ (15,900)	\$ (16,698)	\$ (17,527)	(166,966)
10	Natural Gas Risers	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	\$ (75,668)	(908,016)

Notes:

(1) This line includes depreciation activity for utility plant additions for BS/CI service replacements and service line responsibility.



Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Service Lines - Cost of Removal  
Twelve Months Ended December 31, 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Cost of Removal at 12/31/2013	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	Balance at 12/31/2014	
1	<u>Cumulative Balance</u>														
2	Services	\$ 1,545,379	\$ 1,545,531	\$ 1,546,872	\$ 1,547,837	\$ 1,550,126	\$ 1,564,811	\$ 1,577,227	\$ 1,582,495	\$ 1,597,250	\$ 1,616,538	\$ 1,633,449	\$ 1,643,898	\$ 1,705,433	To JCS-3, Line 14
3	<u>Current Year Activity</u>		<u>1/31/2014</u>	<u>2/28/2014</u>	<u>3/31/2014</u>	<u>4/30/2014</u>	<u>5/31/2014</u>	<u>6/30/2014</u>	<u>7/31/2014</u>	<u>8/31/2014</u>	<u>9/30/2014</u>	<u>10/31/2014</u>	<u>11/30/2014</u>	<u>12/31/2014</u>	Activity for Twelve Months Ended 12/31/2014
4	Services		\$ 152	\$ 1,341	\$ 965	\$ 2,289	\$ 14,685	\$ 12,416	\$ 5,268	\$ 14,755	\$ 19,288	\$ 16,911	\$ 10,449	\$ 61,535	\$ 160,054

**Vectren Energy Delivery of Ohio  
Distribution Replacement Rider (DRR)  
Service Lines - Post In Service Carrying Costs (PISCC)  
Twelve Months Ended December 31, 2014**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	PISCC at 12/31/2013	1/31/2014	2/28/2014	3/31/2014	4/30/2014	5/31/2014	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	Balance at 12/31/2014	
1	<b>Cumulative Balance</b>														
2	Service Lines-PISCC	\$ 2,154,593	\$ 2,233,834	\$ 2,315,564	\$ 2,399,257	\$ 2,489,755	\$ 2,582,361	\$ 2,680,340	\$ 2,787,532	\$ 2,911,368	\$ 2,967,585	\$ 3,033,626	\$ 3,121,782	\$ 3,219,624	
3	Meter Installation-PISCC (3)	486,816	499,666	513,054	526,929	541,716	556,951	573,137	590,886	611,275	620,806	631,961	647,175	664,111	
4	Service Line Responsibility-PISCC	468,712	490,619	514,440	540,097	568,258	599,383	633,384	670,402	710,327	732,371	757,792	785,970	816,005	
5	Risers-PISCC	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	1,204,581	
6	Gross Deferred PISCC - Services	\$ 4,314,702	\$ 4,428,700	\$ 4,547,639	\$ 4,670,864	\$ 4,804,310	\$ 4,943,276	\$ 5,091,442	\$ 5,253,401	\$ 5,437,551	\$ 5,625,343	\$ 5,827,960	\$ 6,039,508	\$ 6,264,821	
7	Service Lines-PISCC Amortization	\$ (65,600)	\$ (69,791)	\$ (73,982)	\$ (78,173)	\$ (82,364)	\$ (86,555)	\$ (90,746)	\$ (94,937)	\$ (99,128)	\$ (104,724)	\$ (110,320)	\$ (115,916)	\$ (121,512)	
8	Meter Installation-PISCC Amortization	(4,708)	(5,156)	(5,604)	(6,052)	(6,500)	(6,948)	(7,396)	(7,844)	(8,292)	(8,740)	(9,188)	(9,636)	(10,084)	
9	Accumulated PISCC Amortization - Services	\$ (70,308)	\$ (74,947)	\$ (79,586)	\$ (84,225)	\$ (88,864)	\$ (93,503)	\$ (98,142)	\$ (102,781)	\$ (107,420)	\$ (113,754)	\$ (120,088)	\$ (126,422)	\$ (132,756)	
10	Net Deferred PISCC - Services	\$ 4,244,394	\$ 4,353,753	\$ 4,468,053	\$ 4,586,639	\$ 4,715,446	\$ 4,849,773	\$ 4,993,300	\$ 5,150,620	\$ 5,330,131	\$ 5,411,589	\$ 5,507,872	\$ 5,633,086	\$ 5,771,565	To JCS-3, Line 18
11	<b>Current Year Activity</b>		<b>1/31/2014</b>	<b>2/28/2014</b>	<b>3/31/2014</b>	<b>4/30/2014</b>	<b>5/31/2014</b>	<b>6/30/2014</b>	<b>7/31/2014</b>	<b>8/31/2014</b>	<b>9/30/2014</b>	<b>10/31/2014</b>	<b>11/30/2014</b>	<b>12/31/2014</b>	<b>Activity for Twelve Months Ended 12/31/2014</b>
12	2013 Service Lines - Deferred PISCC	\$ 78,960	\$ 78,960	\$ 78,960	\$ 78,960	\$ 78,960	\$ 78,960	\$ 78,960	\$ 78,960	\$ 78,960	\$ -	\$ -	\$ -	\$ -	631,680
13	2014 Service Lines - Deferred PISCC	281	2,770	4,733	11,538	13,646	19,019	28,232	44,876	56,217	66,041	88,156	97,842	433,351	
14	Total 2014 Services Deferred PISCC	\$ 79,241	\$ 81,730	\$ 83,693	\$ 90,498	\$ 92,606	\$ 97,979	\$ 107,192	\$ 123,836	\$ 56,217	\$ 66,041	\$ 88,156	\$ 97,842	\$ 1,065,031	
15	2013 Meter Installation - Deferred PISCC	\$ 12,759	\$ 12,759	\$ 12,759	\$ 12,759	\$ 12,759	\$ 12,759	\$ 12,759	\$ 12,759	\$ 12,759	\$ -	\$ -	\$ -	\$ -	102,072
16	2014 Meter Installation - Deferred PISCC	91	629	1,116	2,028	2,476	3,427	4,990	7,630	9,531	11,155	15,214	16,936	75,223	
17	Total 2014 Meter Installation Deferred PISCC	\$ 12,850	\$ 13,388	\$ 13,875	\$ 14,787	\$ 15,235	\$ 16,186	\$ 17,749	\$ 20,389	\$ 9,531	\$ 11,155	\$ 15,214	\$ 16,936	\$ 177,295	
18	2013 Service Line Responsibility - Deferred PISCC	\$ 20,894	\$ 20,894	\$ 20,894	\$ 20,894	\$ 20,894	\$ 20,894	\$ 20,894	\$ 20,894	\$ 20,894	\$ -	\$ -	\$ -	\$ -	167,152
19	2014 Service Line Responsibility - Deferred PISCC	1,013	2,927	4,763	7,267	10,231	13,107	16,124	19,031	22,044	25,421	28,178	30,035	180,141	
20	Total 2014 Service Line Responsibility Deferred PISCC	\$ 21,907	\$ 23,821	\$ 25,657	\$ 28,161	\$ 31,125	\$ 34,001	\$ 37,018	\$ 39,925	\$ 22,044	\$ 25,421	\$ 28,178	\$ 30,035	\$ 347,293	
21	2013 Risers - Deferred PISCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
22	2014 Risers - Deferred PISCC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total 2014 Risers Deferred PISCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
24	Services-PISCC Amortization	\$ (4,191)	\$ (4,191)	\$ (4,191)	\$ (4,191)	\$ (4,191)	\$ (4,191)	\$ (4,191)	\$ (4,191)	\$ (4,191)	\$ (5,596)	\$ (5,596)	\$ (5,596)	\$ (5,596)	(55,912)
25	Meter Installation-PISCC Amortization	(448)	(448)	(448)	(448)	(448)	(448)	(448)	(448)	(448)	(738)	(738)	(738)	(738)	(6,536)
26	<b>Annualized PISCC Amortization</b>														
27	Net Deferred Service Lines PISCC at 12/31/2014	\$ 5,240,210	Column O, Line 2 + Line 4 + Line 5												
28	Amortization % <sup>(1)</sup>	1.75%													
29	Annualized Service Lines PISCC Amortization	\$ 91,704													
30	Net Deferred Meter Installation PISCC at 12/31/2014	\$ 664,111	Column O, Line 3												
31	Amortization % <sup>(2)</sup>	1.82%													
32	Annualized Meter Installation PISCC Amortization	\$ 12,087													
33	<b>Total Annualized Services PISCC Amortization</b>	\$ 103,791	Line 29 + Line 32												
			To JCS-3, Line 32												

**Notes:**

- (1) FERC Account 680 depreciation rate's average service life or 57 years, as approved in Case No. 04-0571-GA-AIR.  
(2) FERC Account 682 depreciation rate's average service life or 55 years, as approved in Case No. 04-0571-GA-AIR.

**VECTREN ENERGY DELIVERY OF OHIO, INC.  
DISTRIBUTION REPLACEMENT RIDER  
ANNUALIZED PROPERTY TAX EXPENSE - SERVICE LINES**

Line	Description	Amount							Reference
		<b>In Service Year</b>							
		<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
1	Service and Meter Installation Replacements - Book Value	\$ 5,188,699	\$ 5,651,622	\$ 12,060,837	\$ 11,995,337	\$ 19,250,177	\$ 25,668,264	\$ 79,814,937	Exhibit No. JCS-3, Lines 3 -5
2	Less: AFUDC	(8,636)	(16,322)	(34,638)	(2,272)	(3,285)	(9,172)	(74,326)	
3	Net Cost of Taxable Property	\$ 5,180,063	\$ 5,635,300	\$ 12,026,199	\$ 11,993,065	\$ 19,246,892	\$ 25,659,092	\$ 79,740,611	Line 1 + Line 2
4	% Good <sup>(1)</sup>	81.7%	85.0%	88.3%	91.7%	95.0%	98.3%		Line 3 x Line 4
5	Tax Value	\$ 4,232,111	\$ 4,790,005	\$ 10,619,133	\$ 10,997,640	\$ 18,284,548	\$ 25,222,888	\$ 74,146,325	
6	x Valuation Percentage (25%) <sup>(3)</sup>	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	Line 5 x Line 6
7	Taxable Value / Assessment	\$ 1,058,028	\$ 1,197,501	\$ 2,654,783	\$ 2,749,410	\$ 4,571,137	\$ 6,305,722	\$ 18,536,581	
8	VEDO's Average 2014 Personal Property Tax Rate							9.429%	Line 7 x Line 8
9	<b>Annual Property Tax Expense - Service Line Replacements</b>							<b>\$ 1,747,814</b>	
10	Services and Meter Installation Retired - Property Tax Basis	\$ (24,360)	\$ (51,345)	\$ (54,900)	\$ (51,303)	\$ (92,169)	\$ (316,320)	\$ (590,397)	Exhibit No. JCS-3, Lines 7-8
11	% Good <sup>(3)</sup>	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	
12	Tax Value	\$ (3,654)	\$ (7,702)	\$ (8,235)	\$ (7,695)	\$ (13,825)	\$ (47,448)	\$ (88,560)	Line 10 x Line 11
13	x Valuation Percentage (25%) <sup>(3)</sup>	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	Line 12 x Line 13
14	Taxable Value / Assessment	\$ (914)	\$ (1,926)	\$ (2,059)	\$ (1,924)	\$ (3,456)	\$ (11,862)	\$ (22,140)	
15	VEDO's Average 2014 Personal Property Tax Rate							9.429%	Line 14 x Line 15
16	<b>Annual Property Tax Reduction - Service Line Retirements</b>							<b>\$ (2,088)</b>	
17	Risers Replacements - Book Value	\$ 5,451,132	\$ 6,340,363	\$ 5,471,106	\$ -	\$ -	\$ -	\$ 17,262,601	Exhibit No. JCS-3, Line 6
18	% Good <sup>(1)</sup>	81.7%	85.0%	88.3%	91.7%	95.0%	98.3%		
19	Tax Value	\$ 4,453,575	\$ 5,389,309	\$ 4,830,987	\$ -	\$ -	\$ -	\$ 14,673,871	Line 17 x Line 18
20	x Valuation Percentage (25%) <sup>(3)</sup>	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	Line 19 x Line 20
21	Taxable Value / Assessment	\$ 1,113,394	\$ 1,347,327	\$ 1,207,747	\$ -	\$ -	\$ -	\$ 3,668,468	
22	VEDO's Average 2014 Personal Property Tax Rate							9.429%	Line 21 x Line 22
23	<b>Annual Property Tax Expense - Natural Gas Risers</b>							<b>\$ 345,900</b>	
24	<b>Annualized Property Tax Expense - Service Lines</b>							<b>\$ 2,091,626</b>	Line 9+ Line 16 + Line 23
								<b>(To Exhibit No. JCS-3, Line 29)</b>	

**Notes:**

- (1) Per Ohio Department of Taxation Annual Natural Gas Property Tax Report, Schedule C, Distribution Plant.
- (2) Per Ohio Department of Taxation Annual Natural Gas Property Tax Report, Schedule G.
- (3) Per Ohio Department of Taxation Annual Natural Gas Property Tax Report, Schedule C(2), Distribution Plant.

**VECTREN ENERGY DELIVERY OF OHIO, INC.**  
**DISTRIBUTION REPLACEMENT RIDER**  
**DEFERRED TAXES ON LIBERALIZED DEPRECIATION - SERVICE LINES**

Line	Description	2009 <sup>(2)</sup>	2010 <sup>(2)</sup>	2011	2012	2013	2014	Total	2014 Reference <sup>(1)</sup>
1	<b>Plant in Service at December 31, 2014:</b>								
	<b>Assets Eligible for 50% Bonus Depreciation</b>								
2	Service Additions - Bare Steel/Cast Iron Replacements	\$ 3,441,221	\$ 3,640,145	\$ 825,438	\$ 8,505,786	\$ 13,497,521	\$ 17,374,822	\$ 47,284,933	Exhibit No. JCS-3a, Column P, Line 8 - Line 7
3	Meter Installation Additions - Bare Steel/Cast Iron Replacements	746,228	360,431	370,471	2,595,066	\$ 2,180,947	\$ 3,015,979	9,269,123	Exhibit No. JCS-3a, Column P, Line 9 - Line 8
4	Service Additions - Service Line Ownership	1,001,250	962,436	-	838,508	\$ 3,571,709	\$ 5,277,463	11,651,366	Exhibit No. JCS-3a, Column P, Line 10
5	Additions of Natural Gas Risers	5,451,132	5,554,215	-	-	-	-	11,005,347	Exhibit No. JCS-3a, Column P, Line 11
6	Total Plant In Service - Eligible for 50% Bonus Depreciation	\$ 10,639,831	\$ 10,517,227	\$ 1,195,909	\$ 11,939,360	\$ 19,250,177	\$ 25,668,264	\$ 79,210,768	Sum of Lines 2 - 5
	<b>Assets Eligible for 100% Bonus Depreciation</b>								
7	Service Additions - Bare Steel/Cast Iron Replacements	\$ -	\$ 416,686	\$ 7,568,831	\$ 40,001	\$ -	\$ -	\$ 8,025,518	[3]
8	Meter Installation Additions - Bare Steel/Cast Iron Replacements	-	115,133	1,789,094	15,976	-	-	1,920,203	[3]
9	Service Additions - Service Line Ownership	-	156,792	1,507,002	-	-	-	1,663,794	
10	Additions of Natural Gas Risers	-	786,148	5,471,106	-	-	-	6,257,254	
11	Total Plant In Service - Eligible for 100% Bonus Depreciation	\$ -	\$ 1,474,759	\$ 16,336,033	\$ 55,977	\$ -	\$ -	\$ 17,866,769	Sum of Lines 7 - 10
12	<b>Total Plant in Service at December 31, 2014</b>	<b>\$ 10,639,831</b>	<b>\$ 11,991,986</b>	<b>\$ 17,531,942</b>	<b>\$ 11,995,337</b>	<b>\$ 19,250,177</b>	<b>\$ 25,668,264</b>	<b>\$ 97,077,537</b>	Exhibit No. JCS-3, Lines 3-6
13	Book to Tax Basis Adjustment - Capitalized Interest	\$ (1,209)	\$ (2,285)	\$ (4,849)	\$ (318)	\$ 41,439	\$ 88,745	\$ 121,523	
14	Book to Tax Basis Adjustment - Bonus Depreciation	(5,319,311)	(6,732,230)	(16,931,563)	(6,025,498)	(9,645,808)	(12,878,505)	(57,532,915)	-(Line 6 + Line 13) * 50% - Line 11 [4]
15	Total Income Tax MACRS Depreciation Base	\$ 5,319,311	\$ 5,257,471	\$ 595,530	\$ 5,969,521	\$ 9,645,809	\$ 12,878,504	\$ 39,666,145	Sum of Lines 12 - 14
16	<b>Tax Depreciation:</b>								
17	MACRS - 15 Year Rate	43.910%	37.680%	30.750%	23.050%	14.500%	5.000%		
18	MACRS - 20 Year Rate	34.821%	29.536%	23.823%	17.646%	10.969%	3.750%		
19	MACRS - 15 Year	\$ 2,171,875	\$ 1,913,110	\$ -	\$ -	\$ -	\$ -	\$ 4,084,985	[5]
20	MACRS - 20 Year	129,922	53,228	142,451	1,053,410	1,055,776	481,280	2,916,067	[5]
21	Bonus Depreciation	5,319,311	6,732,230	16,931,563	6,025,498	9,645,808	12,878,505	57,532,915	-Line 14
22	Cost of Removal Incurred	319,526	303,510	643,803	390,583	(112,043)	160,054	1,705,433	Exhibit No. JCS-3, Line 14
23	Total Tax Depreciation	\$ 7,940,634	\$ 9,002,078	\$ 17,717,817	\$ 7,469,491	\$ 10,589,541	\$ 13,519,839	\$ 66,239,400	Sum of Lines 19 - 22
24	<b>Book Depreciation:</b>								
25	Services							\$ 7,094,300	-Exhibit No. JCS-3, Line 11
26	Meter Installation							428,847	-Exhibit No. JCS-3, Line 12
27	Natural Gas Risers							4,018,221	-Exhibit No. JCS-3, Line 13
28	Total Book Depreciation							\$ 11,541,368	Sum of Lines 25 - 27
29	Tax Depreciation in Excess of Book Depreciation							\$ (54,698,032)	Line 28 - Line 23
30	Federal Deferred Taxes at 35%							35%	
31	<b>Deferred Tax Balance at December 31, 2014 - Service Lines</b>							<b>\$ (19,144,311)</b>	Line 29 * Line 30
								(To Exhibit No. JCS-3, Line 22)	

**Notes:**

(1) Reference column is applicable to column 2014 under In Service Year section to the left.

(2) Agrees to Exhibit JMB-3g in Case No. 12-1423-GA-RDR, with the exception of the Cost of Removal Incurred amount (Line 22). See Note 4 for tax depreciation formula.

[3] Represents spend on work orders placed in service in 2014, eligible for 100% bonus depreciation. There was no 100% bonus Depreciation in 2014.

[4] Formula corrected for 2011 and 2012 to accurately remove Capitalized Interest to get to true tax basis. The remaining amount is eligible for accelerated Bonus Depreciation, if applicable, for the calendar year.

(5) Per Internal Revenue Code ("IRC") Sec 168(e)(3)(E)(viii), gas utility distribution facilities placed in service before January 1, 2011 have a MACRS life of 15 years. For utility distribution facilities placed in service after January 1, 2011, MACRS life is 20 years per IRC Rev. Proc. 87-56. Please note that meter installation is not considered a facility; therefore, 20 MACRS has applied to meter installation balances in 2009 - 2014. Below is the formula for tax depreciation by year.

Formula:	2009	2010	2011	2012	2013	2014
Line 19 = (Line 6-Line 3+Line 13) * 50% * Line 17	X	X				
Line 20 = Line 3 * 50% * Line 18	X	X				
Line 20 = Line 6 * 50% * Line 18			X	X	X	X

**Vectren Energy Delivery of Ohio, Inc.**  
**Distribution Replacement Rider (DRR)**  
**Services, Service Line Responsibility, Risers - Deferred Depreciation Regulatory Asset Balance**  
**For the Period Ended December 31, 2014**

A

(2014 Filing Exhibit No. JCS-3h, Page 1)

B

C

Line	Description	Deferred Depreciation at 12/31/2013	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Total Balance at Dec-14	
Cumulative Balance															
1	Services - Deferred Depreciation	\$ 2,177,271	\$ 2,234,907	\$ 2,292,614	\$ 2,361,584	\$ 2,461,442	\$ 2,550,625	\$ 2,652,529	\$ 2,744,694	\$ 2,844,192	\$ 2,945,050	\$ 2,981,931	\$ 3,122,514	\$ 3,206,968	
2	Services - Deferred Depreciation Amortization	(21,416)	(23,572)	(25,728)	(27,884)	(30,040)	(32,196)	(34,352)	(36,508)	(38,664)	(41,847)	(45,030)	(48,213)	(51,396)	
3	Services - Deferred Depreciation	\$ 2,155,855	\$ 2,211,335	\$ 2,266,886	\$ 2,333,700	\$ 2,431,402	\$ 2,518,429	\$ 2,618,177	\$ 2,708,186	\$ 2,805,528	\$ 2,903,203	\$ 2,936,901	\$ 3,074,301	\$ 3,155,572	
To JCS-3, Line 19															
Line	Description		Activity for Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total Balance by Calendar Year
4	Services In-Service Activity	2014 Filing Exhibit No. JCS-3a	\$ 784,024	\$ 362,641	\$ 783,930	\$ 656,870	\$ 1,482,365	\$ 1,226,012	\$ 987,759	\$ 523,540	\$ 1,340,820	\$ 249,629	\$ 3,002,953	\$ 2,096,978	\$ 13,497,521
5	Service Line Responsibility In-Service Activity	2014 Filing Exhibit No. JCS-3a	228,477	252,027	383,423	309,764	340,973	478,479	306,593	379,690	211,215	240,090	243,751	197,227	\$ 3,571,709
6	Risers In-Service Activity	2014 Filing Exhibit No. JCS-3a	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
7	Less: Retirements - Services	2014 Filing Exhibit No. JCS-3b	(4,554)	(1,763)	(6,123)	(5,376)	(9,873)	(4,370)	(4,839)	(2,487)	(8,971)	(7,280)	(5,259)	(25,694)	\$ (86,589)
8	Net Services Additions	Line 4 + Line 5 + Line 6 + Line 7	\$ 1,007,947	\$ 612,905	\$ 1,161,230	\$ 961,258	\$ 1,813,465	\$ 1,700,121	\$ 1,289,513	\$ 900,743	\$ 1,543,064	\$ 482,439	\$ 3,241,445	\$ 2,268,511	\$ 16,982,641
9	Monthly Depreciation Rate	(1)	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	
10	# of Months from 1/1/2014 to Effective Date of DRR Rates, 9/1/2014		8	8	8	8	8	8	8	8	8	8	8	8	
11	Depreciation Expense Recognized - 1/1/2014 to 9/1/2014	Line 8 x Line 9 x Line 10	\$ 35,345	\$ 21,493	\$ 40,720	\$ 33,708	\$ 63,592	\$ 59,618	\$ 45,219	\$ 31,586	\$ 54,110	\$ 16,918	\$ 113,667	\$ 79,549	\$ 595,525
Line	Description		Activity for Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total Balance by Calendar Year
12	Services In-Service Activity	Exhibit No. JCS-3a	\$ 95,948	\$ 481,726	\$ 359,301	\$ 1,243,341	\$ 304,585	\$ 978,042	\$ 1,436,146	\$ 3,002,459	\$ 2,496,581	\$ 1,232,038	\$ 3,774,718	\$ 1,969,937	\$ 17,374,822
13	Service Line Responsibility In-Service Activity	Exhibit No. JCS-3a	346,254	308,243	319,483	536,635	476,465	506,933	524,315	469,519	560,726	593,802	348,670	286,417	\$ 5,277,463
14	Risers In-Service Activity	Exhibit No. JCS-3a	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
15	Less: Retirements - Services	Exhibit No. JCS-3b	-	(3,120)	(382)	(4,561)	(2,598)	(805)	(13,168)	(29,042)	(10,189)	(4,107)	(29,572)	(18,649)	\$ (116,193)
16	Net Services Additions	Line 12 + Line 13 + Line 14 + Line 15	\$ 442,202	\$ 786,849	\$ 678,402	\$ 1,775,415	\$ 778,452	\$ 1,484,170	\$ 1,947,293	\$ 3,442,936	\$ 3,047,118	\$ 1,821,733	\$ 4,093,816	\$ 2,237,705	\$ 22,536,092
17	Monthly Depreciation Rate	(1)	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	0.44%	
18	# of Months from In-Service Date to Effective Date of DRR Rates		19.5	18.5	17.5	16.5	15.5	14.5	13.5	12.5	11.5	10.5	9.5	8.5	
19	Depreciation Expense Recognized - In-Service to 9/1/2015	Line 16 x Line 17 x Line 18	\$ 37,797	\$ 63,807	\$ 52,039	\$ 128,407	\$ 52,889	\$ 94,331	\$ 115,231	\$ 188,644	\$ 153,600	\$ 83,845	\$ 170,473	\$ 83,373	\$ 1,224,438
20	Deferred Depreciation Expense - Calendar Year 2014		\$ 22,291	\$ 36,215	\$ 28,250	\$ 66,149	\$ 25,592	\$ 42,286	\$ 46,946	\$ 67,912	\$ 46,748	\$ 19,963	\$ 26,917	\$ 4,904	\$ 434,172
21	Deferred Depreciation Expense - Calendar Year 2015		\$ 15,507	\$ 27,592	\$ 23,789	\$ 62,258	\$ 27,298	\$ 52,045	\$ 68,285	\$ 120,732	\$ 106,852	\$ 63,882	\$ 143,556	\$ 78,469	\$ 790,266
22	Services - Deferred Depreciation Amortization		\$ (2,156)	\$ (2,156)	\$ (2,156)	\$ (2,156)	\$ (2,156)	\$ (2,156)	\$ (2,156)	\$ (2,156)	\$ (3,183)	\$ (3,183)	\$ (3,183)	\$ (3,183)	\$ (29,980)
23	Net Services Deferred Depreciation at 12/31/2014	Line 1, Column B													\$ 3,206,968
24	Average Service Life - Services	(2)													1.75%
25	Annual Amortization Expense	Line 23 x Line 24													\$ 56,122
To JCS-3, Line 33															

(1) FERC Account 680 depreciation rate approved in Case No. 04-0571-GA-AIR.

(2) FERC Account 680 depreciation rate's average service life or 57 years, as approved in Case No. 04-0571-GA-AIR.

Vectren Energy Delivery of Ohio, Inc.  
Distribution Replacement Rider (DRR)  
Meter Installation - Deferred Depreciation Regulatory Asset Balance  
For the Period Ended December 31, 2014

A

(2014 Filing Exhibit No. JMB-3h, Page 2)

B

C

Line	Description		Deferred Depreciation at 12/31/2013												Total Balance at Dec-14	
			Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14			
1	<u>Cumulative Balance</u>															
2	Meter Installation - Deferred Depreciation		\$ 111,908	\$ 111,736	\$ 115,354	\$ 119,452	\$ 122,957	\$ 128,077	\$ 132,908	\$ 137,468	\$ 142,193	\$ 147,054	\$ 148,610	\$ 150,611	\$ 155,856	
3	Meter Installation - Deferred Depreciation Amortization		(680)	(775)	(870)	(965)	(1,060)	(1,155)	(1,250)	(1,345)	(1,440)	(1,610)	(1,780)	(1,950)	(2,120)	
2	Meter Installation - Deferred Depreciation		\$ 111,228	\$ 110,961	\$ 114,484	\$ 118,487	\$ 121,897	\$ 126,922	\$ 131,658	\$ 136,123	\$ 140,753	\$ 145,444	\$ 146,830	\$ 148,661	\$ 153,736	To JCS-3, Line 20
Line	Description		Activity for												Total Balance by Calendar Year	
			Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13		
4	Meter Installation In-Service Activity	2014 Filing Exhibit No. JCS-3a	\$ (58,537)	\$ 154,977	\$ 227,282	\$ 137,119	\$ 337,844	\$ 266,063	\$ 212,132	\$ 118,936	\$ 245,561	\$ 68,439	\$ 60,097	\$ 411,035	\$ 2,180,947	
5	Less: Retirements - Services	2014 Filing Exhibit No. JCS-3b	(471)	(226)	(516)	(404)	(977)	(369)	(437)	(194)	(481)	(178)	(336)	(991)	(5,580)	
6	Net Meter Installation Additions	Line 4 + Line 5	\$ (59,008)	\$ 154,751	\$ 226,766	\$ 136,715	\$ 336,867	\$ 265,694	\$ 211,695	\$ 118,742	\$ 245,080	\$ 68,261	\$ 59,761	\$ 410,044	\$ 2,175,367	
7	Monthly Depreciation Rate	(1)	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	
8	# of Months from 1/1/2014 to Effective Date of DRR Rates, 9/1/2014		8	8	8	8	8	8	8	8	8	8	8	8	8	
9	Depreciation Expense Recognized - 1/1/2014 to 9/1/2014	Line 6 x Line 7 x Line 8	\$ (716)	\$ 1,878	\$ 2,751	\$ 1,659	\$ 4,087	\$ 3,224	\$ 2,569	\$ 1,441	\$ 2,974	\$ 828	\$ 725	\$ 4,975	\$ 26,394	
Line	Description		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Calendar Year	
10	Meter Installation In-Service Activity	Exhibit No. JCS-3a	\$ 31,174	\$ 109,553	\$ 93,471	\$ 143,562	\$ 90,850	\$ 163,065	\$ 239,252	\$ 482,605	\$ 416,671	\$ 192,279	\$ 694,810	\$ 358,686	\$ 3,015,979	
11	Less: Retirements - Services	Exhibit No. JCS-3b	-	(247)	(20)	(346)	(81)	(22)	(491)	(1,492)	(61,064)	(333)	(134,065)	(1,966)	(200,127)	
12	Net Meter Installation Additions	Line 10 + Line 11	\$ 31,174	\$ 109,306	\$ 93,451	\$ 143,216	\$ 90,769	\$ 163,043	\$ 238,761	\$ 481,113	\$ 355,607	\$ 191,946	\$ 560,745	\$ 356,720	\$ 2,815,852	
13	Monthly Depreciation Rate	(1)	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	
14	# of Months from In-Service Date to Effective Date of DRR Rates, 9/1/2015		19.5	18.5	17.5	16.5	15.5	14.5	13.5	12.5	11.5	10.5	9.5	8.5		
15	Depreciation Expense Recognized - In-Service to 9/1/2015	Line 12 x Line 13 x Line 14	\$ 922	\$ 3,067	\$ 2,480	\$ 3,584	\$ 2,134	\$ 3,586	\$ 4,889	\$ 9,121	\$ 6,202	\$ 3,057	\$ 8,079	\$ 4,599	\$ 51,720	
16	Calendar Year 2014		\$ 544	\$ 1,741	\$ 1,346	\$ 1,846	\$ 1,033	\$ 1,607	\$ 1,992	\$ 3,284	\$ 1,888	\$ 728	\$ 1,276	\$ 271	\$ 17,554	
17	Calendar Year 2015		\$ 378	\$ 1,326	\$ 1,134	\$ 1,738	\$ 1,101	\$ 1,978	\$ 2,897	\$ 5,838	\$ 4,315	\$ 2,329	\$ 6,804	\$ 4,328	\$ 34,166	
18	Meter Installations - Deferred Depreciation Amortization		\$ (95)	\$ (95)	\$ (95)	\$ (95)	\$ (95)	\$ (95)	\$ (95)	\$ (95)	\$ (170)	\$ (170)	\$ (170)	\$ (170)	\$ (1,440)	
19	Net Meter Installation Deferred Depreciation at 12/31/2014	Line 1, Column B													\$ 155,856	
20	Average Service Life - Services	(2)													1.82%	
21	Annual Amortization Expense	Line 19 x Line 20													\$ 2,837	

(1) FERC Account 682 depreciation rate approved in Case No. 04-0571-GA-AIR.

(2) FERC Account 682 depreciation rate's average service life or 55 years, as approved in Case No. 04-0571-GA-AIR.

**VECTREN ENERGY DELIVERY OF OHIO, INC.  
DISTRIBUTION REPLACEMENT RIDER  
DRR REVENUE REQUIREMENT VARIANCE**

Line	Description		Total	Reference
1	Revenue requirement for January 2014 - August 2014 per Case No. 13-1121-GA-RDR, Exhibit SMK-S1, Page 5 of 5, Line 14	\$ 8,096,586		
2	Less: DRR Recoveries January 2014 - August 2014	(8,731,542)		-(Sum of Lines 19-26)
3	<b>DRR (Over)/Under Recovery for Eight Months Ended August 31, 2014</b>		<b>\$ (634,956)</b>	<b>Line 1 + Line 2</b>
4	Revenue requirement for September 2014 - December 2014 per Case No. 14-0813-GA-RDR, Exhibit SMK-1, Page 5 of 5, Line 5	\$ 5,243,401		
5	Less: DRR Recoveries September 2014 - December 2014	(5,578,904)		-(Sum of Lines 27-30)
6	<b>DRR (Over)/Under Recovery for Four Months Ended December 31, 2014</b>		<b>\$ (335,503)</b>	<b>Line 4 + Line 5</b>
7	<b>DRR (Over)/Under Recovery for Twelve Months Ended December 31, 2014</b>		<b>\$ (970,459)</b>	<b>Line 3 + Line 6</b>
8	<b><u>(Over)/Under Recovery - Mains and Services Allocation</u></b>			
	<b>Description</b>	<b>Revenue Requirement</b>	<b>%</b>	<b>DRR Variance Allocation</b>
	<b>2013</b>	<b>A <sup>(1)</sup></b>	<b>B</b>	<b>C = Line 3 * B</b>
9	Mains	\$ 3,556,218	29.0%	\$ (184,137)
10	Services	8,568,623	71.0%	(450,819)
11	Total	\$ 12,124,841	100.0%	\$ (634,956)
				Line 3
	<b>2014</b>	<b>D <sup>(2)</sup></b>	<b>E</b>	<b>F = Line 6 * E</b>
12	Mains	\$ 4,816,391	30.0%	\$ (100,651)
13	Services	11,093,401	70.0%	(234,852)
14	Total	\$ 15,909,792	100.0%	\$ (335,503)
				Line 6
15	<b>Total Main (Over) Recovery Variance</b>		<b>\$ (284,788)</b>	<b>Line 9 + Line 12</b>
16	<b>Total Services (Over) Recovery Variance</b>		<b>\$ (685,671)</b>	<b>Line 10 + Line 13</b>
				<b>To JCS-2, Line 26</b>
				<b>To JCS-3, Line 38</b>
17	<b><u>DRR Recoveries by Month:</u></b>			
18		<b>Recovery - \$</b>	<b>Reference</b>	
19	January 2014	\$ 1,388,644	Exhibit No. JCS-4a, Column H, Line 1	
20	February 2014	1,391,000	Exhibit No. JCS-4a, Column H, Line 2	
21	March 2014	1,208,627	Exhibit No. JCS-4a, Column H, Line 3	
22	April 2014	1,054,398	Exhibit No. JCS-4a, Column H, Line 4	
23	May 2014	937,390	Exhibit No. JCS-4a, Column H, Line 5	
24	June 2014	934,134	Exhibit No. JCS-4a, Column H, Line 6	
25	July 2014	917,412	Exhibit No. JCS-4a, Column H, Line 7	
26	August 2014	899,937	Exhibit No. JCS-4a, Column H, Line 8	
27	September 2014	1,195,314	Exhibit No. JCS-4a, Column H, Line 9	
28	October 2014	1,323,926	Exhibit No. JCS-4a, Column H, Line 10	
29	November 2014	1,412,302	Exhibit No. JCS-4a, Column H, Line 11	
30	December 2014	1,647,362	Exhibit No. JCS-4a, Column H, Line 12	
31	<b>Total DRR Recoveries</b>	<b>\$ 14,310,446</b>		

**Notes:**

(1) Revenue Requirement per Case No. 13-1121-GA-RDR (Exhibit SMK-S1, Page 1 of 5).

(2) Revenue Requirement per Case No. 14-0813-GA-RDR (Exhibit SMK-1, Page 1 of 5).



VECTREN ENERGY DELIVERY OF OHIO, INC.  
DISTRIBUTION REPLACEMENT RIDER  
DRR RECOVERIES BY TARIFF

Line	Month	DRR Recoveries						
		<u>310/311/315</u>	<u>320/321/325 - Grp 1</u>	<u>341</u>	<u>320/321/325 - Grp 2</u>	<u>345</u>	<u>360</u>	<u>Total</u>
1	Jan-14	\$ 818,025	\$ 43,766	\$ 30	\$ 406,619	\$ 46,526	\$ 73,677	\$ 1,388,644
2	Feb-14	813,689	43,840	30	431,563	38,579	63,299	1,391,000
3	Mar-14	810,866	42,989	30	259,847	32,573	62,323	1,208,627
4	Apr-14	808,853	43,034	30	134,040	20,497	47,944	1,054,398
5	May-14	798,498	42,133	38	35,868	16,540	44,312	937,390
6	Jun-14	799,700	41,672	(18)	37,931	13,919	40,930	934,134
7	Jul-14	778,910	41,159	-	41,185	14,962	41,195	917,412
8	Aug-14	761,980	41,068	-	43,633	14,268	38,988	899,937
9	Sep-14	1,000,354	52,652	-	62,426	21,993	57,890	1,195,314
10	Oct-14	1,076,787	56,617	30	101,973	28,259	60,261	1,323,926
11	Nov-14	1,021,333	54,408	20	202,753	54,526	79,263	1,412,302
12	Dec-14	1,079,098	56,208	20	388,398	43,532	80,106	1,647,362
13	Total	<u>\$ 10,568,093</u>	<u>\$ 559,546</u>	<u>\$ 207</u>	<u>\$ 2,146,239</u>	<u>\$ 346,174</u>	<u>\$ 690,186</u>	<u>\$ 14,310,445</u>

**BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of	)	
Vectren Energy Delivery of Ohio, Inc.	)	Case No. 15-0865-GA-RDR
for Authority to Adjust Its Distribution	)	
Replacement Rider Charges.	)	

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**DIRECT TESTIMONY**

**OF**

**SCOTT E. ALBERTSON**

**VICE-PRESIDENT, REGULATORY AFFAIRS AND GAS SUPPLY**

**ON BEHALF OF**

**VECTREN ENERGY DELIVERY OF OHIO, INC.**

---

**Direct Testimony of  
Scott E. Albertson**

**I. INTRODUCTION**

**Q1. Please state your name and business address.**

A. My name is Scott E. Albertson, and my address is One Vectren Square, Evansville, Indiana.

**Q2. What position do you hold with Applicant Vectren Energy Delivery of Ohio, Inc. (VEDO or the Company)?**

A. I am Vice President, Regulatory Affairs and Gas Supply for Vectren Utility Holdings, Inc. (VUHI), the immediate parent company of VEDO. I hold the same position with two other utility subsidiaries of VUHI—Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. (Vectren South) and Indiana Gas Company, Inc. d/b/a Vectren Energy Delivery of Indiana, Inc. (Vectren North).

**Q3. Please describe your educational background.**

A. I received a Bachelor of Science degree in mechanical engineering from Rose-Hulman Institute of Technology in 1984. I have been a professional engineer in Indiana since 1990.

**Q4. Please describe your professional experience.**

A. I have over 30 years' experience in the utility industry. I began my career with Ohio Valley Gas Corporation in a project engineering position. I have worked at VUHI and its predecessor companies since 1987 in a variety of positions including Operations Staff Manager, Assistant Chief Engineer, Director of Engineering Projects, Director of Engineering, and Director of Technical Services. I was named Director of Regulatory Affairs for VUHI in 2004, and was promoted to my current position effective July 1, 2012.

1 **Q5. What are your present duties and responsibilities as Vice President, Regulatory**  
2 **Affairs?**

3 A. I have responsibility for coordinating regulatory and rate matters of the regulated utilities  
4 within VUHI in proceedings before the Indiana and Ohio utility regulatory commissions.  
5 In addition, I am also responsible for overseeing the gas supply function for VUHI's  
6 three gas utilities.

7 **Q6. Have you previously testified before the Public Utilities Commission of Ohio?**

8 A. Yes. Among other cases, I filed testimony in the Company's most recent general rate  
9 case, Case No. 07-1080-GA-AIR; its Merchant Function Exit proceeding, Case No. 07-  
10 1285-GA-EXM; its 2010 Distribution Replacement Rider (DRR) proceeding, Case No.  
11 10-0595-GA-RDR (2010 DRR Filing); its 2011 DRR proceeding, Case No. 11-2776-GA-  
12 RDR (2011 DRR Filing); and the DRR extension proceeding, Case No. 13-1571-GA-  
13 ALT.

14 **Q7. What is the purpose of your testimony in this proceeding?**

15 A. My testimony describes changes to costs recovered through the DRR and supports the  
16 proposed DRR charges, as well as the proposed tariff sheet and associated bill impacts.

17 **Q8. Are you sponsoring any exhibits with your testimony?**

18 A. Yes. The following exhibits, which were prepared by me or under my supervision, are  
19 attached to my testimony:

- 20 • Exhibit No. SEA-1, DRR – Derivation of Charges;
- 21 • Exhibit No. SEA-2, DRR – Tariff Sheet; and
- 22 • Exhibit No. SEA-3, DRR – Annual Residential Customer Bill Impact.

1 **Q5. What are your present duties and responsibilities as Vice President, Regulatory**  
2 **Affairs?**

3 A. I have responsibility for coordinating regulatory and rate matters of the regulated utilities  
4 within VUHI in proceedings before the Indiana and Ohio utility regulatory commissions.  
5 In addition, I am also responsible for overseeing the gas supply function for VUHI's  
6 three gas utilities.

7 **Q6. Have you previously testified before the Public Utilities Commission of Ohio?**

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9 case, Case No. 07-1080-GA-AIR; its Merchant Function Exit proceeding, Case No. 07-  
10 1285-GA-EXM; its 2010 Distribution Replacement Rider (DRR) proceeding, Case No.  
11 10-0595-GA-RDR (2010 DRR Filing); its 2011 DRR proceeding, Case No. 11-2776-GA-  
12 RDR (2011 DRR Filing); and the DRR extension proceeding, Case No. 13-1571-GA-  
13 ALT.

14 **Q7. What is the purpose of your testimony in this proceeding?**

15 A. My testimony describes changes to costs recovered through the DRR and supports the  
16 proposed DRR charges, as well as the proposed tariff sheet and associated bill impacts.

17 **Q8. Are you sponsoring any exhibits with your testimony?**

18 A. Yes. The following exhibits, which were prepared by me or under my supervision, are  
19 attached to my testimony:

- 20 • Exhibit No. SEA-1, DRR – Derivation of Charges;
- 21 • Exhibit No. SEA-2, DRR – Tariff Sheet; and
- 22 • Exhibit No. SEA-3, DRR – Annual Residential Customer Bill Impact.

1     **II.    BACKGROUND**

2     **Q9.    Has the Commission approved changes to the DRR since it was originally approved**  
3     **in Case No. 07-1080-GA-AIR?**

4     A.     Yes. The Commission’s February 19, 2014 Order in Case No. 13-1571-GA-ALT  
5            approved a Stipulation and Recommendation (the 13-1571 Stipulation) between VEDO  
6            and the Staff of the Public Utilities Commission of Ohio. In the 13-1571 Stipulation, the  
7            Commission approved continuation of the DRR, which was originally approved in  
8            VEDO’s last general rate case, Case No. 07-1080-GA-AIR (the Rate Case). The 13-1571  
9            Stipulation continues to allow VEDO to recover a return on and of investments made by  
10           the Company under an accelerated bare steel and cast iron pipeline replacement program  
11           (the Replacement Program), inclusive of capitalized interest (or post-in-service carrying  
12           costs, or PISCC) associated with the Replacement Program, and to recover the  
13           incremental costs of assuming responsibility for service lines.

14    **Q10.   How did the 13-1571 Stipulation modify the DRR?**

15    A.     The 13-1571 Stipulation provides that Replacement Program costs incurred through  
16            December 31, 2017 are recoverable in the DRR. It also accelerated the pace of the  
17            Replacement Program and clarified and expanded the scope of costs recoverable in the  
18            DRR. These and other modifications are described in further detail in the 13-1571  
19            Stipulation itself.

20    **III.   EXHIBITS**

21    **Q11.   Please describe Exhibit No. SEA-1.**

22    A.     This exhibit contains the filing schedules to support the derivation of the Company’s  
23            proposed DRR charge.

1           Exhibit No. SEA-1, page 1, shows the allocation of the DRR revenue requirement  
2           and the derivation of DRR charges by rate schedule. The rate schedule allocation factors  
3           from page 2 (described below) are multiplied by the total revenue requirement (from  
4           Exhibit No. JCS-1) to determine the allocated revenue requirement by rate schedule. For  
5           residential (Rates 310, 311, and 315), small general service (Group 1 customers served  
6           under Rates 320, 321, and 325; hereinafter referred to as “Group 1 Customers”), and Rate  
7           341 (Dual Fuel Standard Choice Offer Service) customers, the allocated revenue  
8           requirement for each rate schedule is then divided by the projected number of customers  
9           in each rate schedule, and then divided by 12, to determine the monthly DRR charge  
10          applicable to customers in those rate schedules. For larger customers (Group 2 and  
11          Group 3 customers under Rates 320, 321, and 325, hereinafter referred to as “Group 2  
12          and Group 3 Customers”) and all customers receiving service under Rates 345 and 360,  
13          the allocated revenue requirement for each rate schedule is divided by the projected  
14          annual throughput for each rate schedule to determine the DRR charge per Ccf applicable  
15          to those rate schedules.

16          Exhibit No. SEA-1, page 2, lists the rate schedule distribution mains and service  
17          lines allocation factors from the Rate Case. These allocation factors are used to allocate  
18          the mains and service lines revenue requirements to the various rate schedules.

19          Exhibit No. SEA-1, page 3, shows how the general service customer DRR  
20          charges are determined. Due to the similarity in facilities required to serve Group 1  
21          Customers and those required to serve residential customers, and consistent with the  
22          Commission’s order in the Rate Case, VEDO presents a DRR charge to Group 1  
23          Customers equal to the DRR charge applicable to residential customers. The residential

1 DRR charge is multiplied by the number of Group 1 Customers, with that result  
2 multiplied by 12 to determine the annual DRR revenue requirement to be recovered from  
3 Group 1 Customers. The Group 1 Customer revenue requirement is then subtracted from  
4 the total revenue requirement allocated to Rates 320, 321, and 325. The resulting amount  
5 is then divided by the projected annual throughput for Group 2 and Group 3 Customers to  
6 determine the DRR charge per Ccf applicable to those customers.

7 Exhibit No. SEA-1, page 4, shows the impact of the proposed DRR on each rate  
8 schedule.

9 Exhibit No. SEA-1, page 5, identifies the recoveries applicable to the periods  
10 September 2015 through December 2015 and January 2016 through August 2016. These  
11 are the 12 months during which the proposed DRR is projected to be in effect. The  
12 purpose of this schedule is to provide the basis for determining the revenue requirement  
13 recovery variance applicable to the period of September through December 2015, since in  
14 the next annual DRR filing VEDO will reconcile actual costs and actual recoveries  
15 through December 2015<sup>1</sup>. The variance determined on Exhibit No. JCS-4, page 1, is  
16 allocated to mains and service lines based upon the approved revenue requirements in  
17 VEDO's 2013 and 2014 DRR Filings. The allocated variances are added to the annual  
18 revenue requirements for mains and service lines, shown on Exhibit No. JCS-2 and  
19 Exhibit No. JCS-3 respectively, for investments made in 2014. Likewise, in the 2016  
20 DRR filing the variance applicable to the period of January through August 2015 will be  
21 based upon the recoveries for that period as identified on page 5. This methodology is  
22 consistent with the company's previous annual DRR filings.

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<sup>1</sup> Recoveries applicable to January through August 2015 were included in the determination of the DRR revenue requirement in the 2014 DRR Filing, Case No. 14-0813-GA-RDR.



1   **Q12. Please describe Exhibit No. SEA-2.**

2   A.   Exhibit No. SEA-2 illustrates the proposed DRR tariff sheet (redlined and clean).

3   **Q13. Does the proposed DRR charge exceed the cap on the DRR charge applicable to**  
4       **residential and Group 1 customers included in the 13-1571 Stipulation?**

5   A.   No. The proposed DRR charge of \$4.79 per month applicable Residential and Group 1  
6       Customers is less than the approved cap (\$5.45 per month) for the recovery period  
7       September 1, 2015 through August 31, 2016.

8   **Q14. Please describe Exhibit No. SEA-3.**

9   A.   The annual impact of the proposed DRR on a residential customer is shown on Exhibit  
10       No. SEA-3.

11   **Q15. Does this conclude your direct testimony?**

12   A.   Yes.

**VECTREN ENERGY DELIVERY OF OHIO  
DISTRIBUTION REPLACEMENT RIDER  
DERIVATION OF CHARGES**

<u>Line</u>	<u>Rate Schedule</u>	(A) Mains Allocated DRR Revenue <u>Requirement (b)</u>	(B) Service Lines Allocated DRR Revenue <u>Requirement (b)</u>	(C) Total DRR Revenue <u>Requirement</u> (A) + (B)	(D) Customer Count (c)	(E) Proposed DRR per Customer <u>Per Month</u> (C)/(D)/12	(F) Annual <u>Volumes (c)</u> (Ccf)	(G) Proposed <u>DRR per Ccf</u> (C)/(F)
1	310/311/315	\$3,938,125	\$12,628,199	\$16,566,325	287,955	\$4.79		
2	320/321/325	\$1,498,236	\$2,102,179	\$3,600,415				
3	Group 1			\$881,973 (d)	15,344	\$4.79		
4	Group 2 & 3			\$2,718,442 (d)			75,981,478	\$0.03578
5	341	\$291	\$335	\$626	2	\$26.09		
6	345	\$393,314	\$65,101	\$458,415			51,586,036	\$0.00889
7	360	<u>\$575,622</u>	<u>\$28,817</u>	<u>\$604,439</u>			89,044,644	\$0.00679
8	Total (a)	<u><u>\$6,405,589</u></u>	<u><u>\$14,824,631</u></u>	<u><u>\$21,230,220</u></u>				

(a) Mains and Service Revenue Requirement shown on Exhibit No. JCS-1, Lines 1 and 2 respectively.

(b) Reflects revenue requirement multiplied by allocation factors shown on Exhibit No. SEA-1, Page 2

(c) 2015 Budget - Customer Count and Volumes

(d) From Exhibit No. SEA-1, Page 3

**VECTREN ENERGY DELIVERY OF OHIO  
DISTRIBUTION REPLACEMENT RIDER  
RATE SCHEDULE ALLOCATION FACTORS**

<u>Line</u>	<u>Rate Schedule</u>	<u>Description</u>	<u>Mains Allocation Factors (a) (%)</u>	<u>Service Lines Allocation Factors (b) (%)</u>
1	310/311/315	Residential DSS/SCO/Transportation	61.480%	85.184%
2	320/321/325	General DSS/SCO/Transportation	23.390%	14.180%
3	341	Dual Fuel	0.005%	0.002%
4	345	Large General Transportation	6.140%	0.439%
5	360	Large Volume Transportation	8.986%	0.194%
6		Total	<u>100.000%</u>	<u>100.000%</u>

(a) Mains Allocation Factor as presented in Case No. 07-1080-GA-AIR

(b) Service Lines Allocation Factor as presented in Case No. 07-1080-GA-AIR

**VECTREN ENERGY DELIVERY OF OHIO  
DISTRIBUTION REPLACEMENT RIDER  
ALLOCATION OF REVENUE REQUIREMENT - RATES 320, 321 AND 325**

<u>Line</u>	<u>Description</u>	<u>Amount</u>		<u>Reference</u>
1	Proposed DRR - Rate 310/311/315	\$4.79	Per Month	Exhibit No. SEA-1, Page 1
2	Proposed DRR - Rate 320/321/325 - Group 1	\$4.79	Per Month	Line [1]
3	Customer Count - Group 1	<u>15,344</u>		Exhibit No. SEA-1, Page 1
4	Revenue Requirement - Group 1 (1)	\$881,973		Line [2] x Line [3] x 12
5	Revenue Requirement - Total 320/321/325	<u>\$3,600,415</u>		Exhibit No. SEA-1, Page 1
6	Revenue Requirement - Group 2 & 3 (1)	<u><u>\$2,718,442</u></u>		Line [5] - Line [4]

Notes:

(1) to Exhibit No. SEA-1, Page 1

**VECTREN ENERGY DELIVERY OF OHIO  
DISTRIBUTION REPLACEMENT RIDER  
RATE SCHEDULE BILL IMPACTS**

		(A)	(B)	(C)	(D)	(E)	
<u>Line</u>	<u>Rate Schedule</u>	<u>Present Revenue (a)</u>	<u>Previous DRR Revenue Requirement</u>	<u>Current DRR Revenue Requirement (b)</u>	<u>Incremental DRR Revenue Requirement (C)-(B)</u>	<u>% Increase (D)/(A)</u>	
1	310/311	\$153,301,751	\$7,061,825	\$9,720,237	\$2,658,412	1.73%	(c) (e)
2	315	\$37,508,206	\$5,349,062	\$6,846,088	\$1,497,026	3.99%	(d) (e)
3	320/321	\$43,775,081	\$1,507,040	\$2,061,153	\$554,113	1.27%	(c) (f)
4	325	\$12,738,874	\$1,192,569	\$1,539,262	\$346,693	2.72%	(d) (f)
5	341	\$16,773	\$470	\$626	\$156	0.93%	(d)
6	345	\$6,818,765	\$344,450	\$458,415	\$113,965	1.67%	(d)
7	360	<u>\$8,544,700</u>	<u>\$454,376</u>	<u>\$604,439</u>	<u>\$150,063</u>	1.76%	(d)
8	Total	\$262,704,150	\$15,909,792	\$21,230,220	\$5,320,428	2.03%	

(a) Twelve months ending December 31, 2014

Excludes revenues from former Rate 330 customers; Rate 330 was terminated effective April 14, 2010.

(b) From Exhibit No. SEA-1, Page 1

(c) Includes gas cost revenues based on the Standard Choice Offer (SCO) rider applicable to these rate schedules

(d) Does not include gas costs

(e) For column ( C ), Revenue Requirement equals unit rate times number of customers.

(f) For column ( C ), Revenue Requirement equals unit rate times number of customers for Group 1, and unit rate times projected volumes for Group 2 and Group 3.

**VECTREN ENERGY DELIVERY OF OHIO  
DISTRIBUTION REPLACEMENT RIDER  
DETERMINATION OF APPROVED RECOVERIES  
BY CALENDAR MONTH**

	(A)	(B)	(C)
Line	Month	Allocation Factor (1)	Approved Recoveries (2)
1	September-15	7.39%	\$1,568,887
2	October-15	7.93%	\$1,683,976
3	November-15	8.63%	\$1,832,463
4	December-15	9.62%	\$2,041,375
5	Subtotal (To Sixth Annual DRR Filing)		<u>\$7,126,700</u>
6	January-16	9.92%	\$2,106,113
7	February-16	9.40%	\$1,995,984
8	March-16	9.13%	\$1,937,414
9	April-16	8.14%	\$1,727,420
10	May-16	7.64%	\$1,622,000
11	June-16	7.43%	\$1,577,789
12	July-16	7.40%	\$1,570,827
13	August-16	7.38%	<u>\$1,565,973</u>
14	Subtotal (To Seventh Annual DRR Filing)		<u><u>\$14,103,520</u></u>

(1) Based on monthly volumes / customer count (as applicable) as a percentage of annual, in 2015 Budget.

(2) Allocation Factor in Column B times total revenue requirement.

VECTREN ENERGY DELIVERY OF OHIO, INC.  
Tariff for Gas Service  
P.U.C.O. No. 3

Sheet No. 45  
~~Eighth-Ninth~~ Revised Page 2 of 2  
Cancels ~~Seventh-Eighth~~ Revised Page 2 of 2

## **DISTRIBUTION REPLACEMENT RIDER**

### **DISTRIBUTION REPLACEMENT RIDER CHARGE**

The charges for the respective Rate Schedules are:

<b><u>Rate Schedule</u></b>	<b><u>\$ Per Month</u></b>	<b><u>\$ Per Ccf</u></b>
310, 311 and 315	<del>\$3.604.79</del>	
320, 321 and 325 (Group 1)	<del>\$3.604.79</del>	
320, 321 and 325 (Group 2 and 3)		<del>\$0.028800.03578</del>
341	<del>\$19.5726.09</del>	
345		<del>\$0.007260.00889</del>
360		<del>\$0.004870.00679</del>

Filed pursuant to the Opinion and Order dated ~~August 27, 2014~~ in Case No. ~~14-0813-15-0865-~~  
GA-RDR of The Public Utilities Commission of Ohio.

Issued ~~August 27, 2014~~ Issued by Scott E. Albertson, Vice-President Effective ~~September 1, 2014~~

VECTREN ENERGY DELIVERY OF OHIO, INC.  
Tariff for Gas Service  
P.U.C.O. No. 3

Sheet No. 45  
Ninth Revised Page 2 of 2  
Cancels Eighth Revised Page 2 of 2

## **DISTRIBUTION REPLACEMENT RIDER**

### **DISTRIBUTION REPLACEMENT RIDER CHARGE**

The charges for the respective Rate Schedules are:

<b><u>Rate Schedule</u></b>	<b><u>\$ Per Month</u></b>	<b><u>\$ Per Ccf</u></b>
310, 311 and 315	\$4.79	
320, 321 and 325 (Group 1)	\$4.79	
320, 321 and 325 (Group 2 and 3)		\$0.03578
341	\$26.09	
345		\$0.00889
360		\$0.00679

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Filed pursuant to the Opinion and Order dated \_\_\_\_\_ in Case No. 15-0865-GA-RDR of The Public  
Utilities Commission of Ohio.

Issued \_\_\_\_\_ Issued by Scott E. Albertson, Vice-President Effective \_\_\_\_\_



**VECTREN ENERGY DELIVERY OF OHIO  
DISTRIBUTION REPLACEMENT RIDER  
ANNUAL RESIDENTIAL CUSTOMER BILL IMPACT**

<u>Line</u>			<u>Reference</u>
1	Proposed DRR Charge Per Customer Per Month Exhibit SEA-1, Page 1, Column (E), Line 1	\$4.79	Exhibit No. SEA-1, Page 1
2	Current DRR Charge Per Customer Per Month	<u>\$3.60</u>	CN 14-0813-GA-RDR
3	Incremental DRR Charge Per Month	\$1.19	Line [1] - Line [2]
4	Months	<u>12</u>	
5	Annual Incremental Bill Impact	<u>\$14.28</u>	Line [3] x Line [4]
6	Total Annual DRR Bill Amount	<u>\$57.48</u>	Line [1] x Line [4]

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**Case No(s). 15-0865-GA-RDR**

Summary: Application of Vectren Energy Delivery of Ohio, Inc. for Authority to Adjust its Distribution Replacement Rider Charges electronically filed by Ms. Rebekah J. Glover on behalf of Vectren Energy Delivery of Ohio, Inc.