

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)	
Vectren Energy Delivery of Ohio, Inc.)	Case No. 14-0813-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.

3. On August 28, 2013, in Case No. 13-1121-GA-RDR, the Commission approved a Stipulation and Recommendation that established the current DRR charges. Those charges became effective on September 1, 2013.

4. 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).

5. As approved under the 13-1571 Order, VEDO proposes for recovery through the DRR the following costs that were incurred in 2013:

- 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 2013;
- 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 before the present filing to agree on a methodology that accurately identified VEDO’s actual incremental service-line costs and investment. (*Id.* at 3–4.) The methodology proposed by VEDO in this Application reflects discussions held between VEDO and Staff, is described in the Direct Testimony of James M. Francis, and is subject to review and approval by the Commission. (*Id.* at 4.) [The Stipulation further provided that if VEDO and Staff did not reach agreement on a methodology to accurately identify the actual incremental service-line costs and investments in subsequent annual DRR filings, the existing formula-based treatment of service-line costs and investment (used most recently in Case No. 13-1121-GA-RDR) shall continue to be applied. (*Id.*)]

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 43.8 miles of bare-steel and cast-iron main in 2013, the O&M Savings Credit is \$551,748. 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 \$352,828 and thus less than the O&M Savings Credit.

8. In addition to the modifications discussed above, the 13-1571 Stipulation also provided that VEDO would continue to calculate the DRR cost recovery charge under the same methods and timeframes established in Case No. 07-1080-GA-AIR. Accordingly, VEDO requests that the Commission establish the revised DRR charge to be effective on September 1,

2014, 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 Shawn M. Kelly.

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

Rate Schedule	\$ Per Month	\$ Per Ccf
310, 311 and 315	\$3.60	
320, 321 and 325 (Group 1)	\$3.60	
320, 321 and 325 (Group 2 and 3)		\$0.02880
341	\$19.57	
345		\$0.00726
360		\$0.00487

The proposed DRR charge applicable to residential and small general service (Group 1) customers complies with the rate cap of \$4.05 per month applicable to those same customers during the period September 1, 2014 through August 31, 2015. (13-1571 Stipulation at 4.)

13. A redlined and clean revised tariff Sheet No. 45, Second Revised Page 1 of 2 and Eighth Revised Page 2 of 2, which reflects changes resulting from Case No. 13-1571-GA-ALT and the revised DRR charges, is included as Exhibit No. SMK-2 to the Direct Testimony of Shawn M. Kelly.

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

Dated: May 1, 2014

Respectfully submitted,

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CERTIFICATE OF SERVICE

I hereby certify that a copy of this Application and Attachments was served by electronic mail this 1st day of May 2014 to the following:

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Vectren Energy Delivery of Ohio, Inc.)	Case No. 14-0813-GA-RDR
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Replacement Rider Charges.)	

DIRECT TESTIMONY OF

JAMES M. FRANCIS

DIRECTOR OF ENGINEERING AND ASSET MANAGEMENT

ON BEHALF OF

VECTREN ENERGY DELIVERY OF OHIO, INC.

1 **Direct Testimony of**
2 **James M. Francis**

3 **I. INTRODUCTION**

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

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

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

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

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

16 A. I have been employed by VEDO since April 8, 2004, as the Director of Technical
17 Services. My title has subsequently been changed to Director of Engineering & Asset
18 Management. I have been employed with VEDO since the purchase of the gas assets of
19 the Dayton Power & Light Company by Vectren Corporation in 2000. Immediately prior
20 to my current position, I was the Regional Manager of the Troy Operating Region with
21 responsibility for field operations. I also held other positions at VEDO including
22 Planning Manager and Measurement Supervisor. Prior to my employment with VEDO,
23 in 1991, I became an employee of Dayton Power & Light serving as a Project Engineer,
24 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, and its 2013 DRR proceeding, Case No. 13-1121-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 2013. 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 2014 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 2013 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 – 2013 VEDO BS/CI Replacement Program Progress
- 10 • Exhibit No. JMF-2 – 2013 VEDI Plastic Main Retirement Causes
- 11 • Exhibit No. JMF-3 – VEDO BS/CI 2014 Replacement Plan
- 12 • Exhibit No. JMF-4 – VEDO 2013 Service Replacement Cost Summary
- 13 • Exhibit No. JMF-5 – VEDO Service Replacement Unit Rates and Cost Allocations
- 14 • Exhibit No. JMF-6 – VEDO 2013 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 2013 Maintenance Expense BS/CI & Service Line
19 Ownership
- 20 • Exhibit No. JMF-9 – VEDO Replacement Program Cost Savings & 5 Year History

II. BARE STEEL AND CAST IRON REPLACEMENT PROGRAM

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

A. As of the end of 2012, VEDO had a total of 442 miles of bare steel and 147 miles of cast iron main remaining in its system. In 2013, VEDO planned to retire approximately 42 miles of bare steel and cast iron mains. Starting in 2014 and going forward through the completion of the program, VEDO plans to retire between 45 and 60 miles of bare steel or cast iron mains annually.

Q10. How much bare steel and cast iron infrastructure did VEDO retire in 2013 as part of the Replacement Program?

A. In 2013, VEDO retired 43.8 miles under the Replacement Program, including 38 miles of bare steel and 5.8 miles of cast iron mains. Additionally, VEDO retired 4,292 service lines, with 4,004 of those being replaced.

Q11. How much did VEDO invest in the Replacement Program in 2013?

A. As identified by VEDO witness J. Cas Swiz, VEDO's Replacement Program investment for projects placed in service in 2013 was \$26,045,530. Exhibit No. JMF-1 provides a detailed list of the projects placed in service under the Replacement Program in 2013, the costs of each project as of December 31, 2013, and the amount of pipe (main footage and number of service lines) retired and replaced. For some projects placed in service in 2013, additional trailing charges (such as restoration costs) will be incurred in 2014. These costs will be included in a future DRR filing.

Q12. Were any of the projects completed as part of the Replacement Program in 2013 the result of a public improvement project?

A. Yes. Two projects included in the 2013 Replacement Program originated as a result of a public improvement project: specifically, project groups V-350 and V-656, which are included in the list of completed projects in Exhibit No. JMF-1.

1 **Q13. Was the footage of plastic pipe retired on projects V-350 and V-656 less than or**
2 **equal to 25% of the total footage of those government projects?**

3 A. Yes. The footage of plastic pipe retired on both projects was well less than 25% of the
4 total footage relocated on these projects. The specific footage retired on these projects
5 may be found in Exhibit No. JMF-1.

6 **Q14. Did VEDO retire any plastic main as part of the Replacement Program in 2013?**

7 A. Yes. VEDO retired a total of 6,940 feet of plastic main within the replacement projects
8 completed in 2013. There were a number of reasons why plastic main segments were
9 retired, which were discussed in my testimony in the Rate Case. Some short segments of
10 plastic main existed within the bare steel or cast iron systems. It would have been more
11 costly to attempt to salvage that main than to replace it. Also, some sections of plastic
12 main at the ends of distribution systems were retired because those segments no longer
13 served any customers and there was no reason to continue to maintain them.
14 Additionally, some sections of plastic main failed pressure tests and needed to be
15 replaced. Exhibit No. JMF-2 provides a brief description of the cause of retirement of
16 plastic for each applicable project.

17 **Q15. Were any of the plastic segments retired considered “Vintage Plastic”?**

18 A. No. While VEDO has retired segments of vintage plastic pipe during prior Replacement
19 Program projects, none of the segments retired in 2013 were of this material type.

20 **Q16. The Stipulation approved in Case No. 13-1571-GA-ALT provided that VEDO may**
21 **recover the costs of replacing and retiring individual segments of plastic pipe that**
22 **exceeded certain diameter and length criteria, unless it is shown that it was less**
23 **economical to replace the segment than to tie it in. Did any segments of plastic pipe**
24 **exceed the criteria provided in the Stipulation?**

25 A. Yes. Exhibit No. JMF-2 identifies all of the plastic pipe retired on each project (where
26 applicable) and identifies the length of each individual segment. VEDO had one project

1 in 2013, group V-125, in which it retired a segment of 2-inch plastic pipe that was 487
2 feet long, thus longer than the applicable criterion of 435 feet.

3 **Q17. Was it more economical to replace this segment than to tie it into the existing**
4 **system?**

5 A. Yes. The project in question required the installation of a new main in the alley at the
6 rear of certain properties in the downtown area in the City of Eaton because the new
7 meter locations could not be installed in the front of the property. Given this location,
8 VEDO was not permitted to install the meter settings on the outside and front of the
9 buildings. These buildings were constructed in such a way that there was no space
10 between them to run service lines off of the existing main. Thus, the meter settings were
11 required to be installed on the rear of the building, which meant that installing a new
12 main in the alley was necessary to provide service regardless of whether the existing
13 main remained in service. Because the existing main was no longer needed to serve
14 customers, it was retired. Additionally, the cost to install the new main in the rear of the
15 property was less costly than re-using the existing main. The new main and service lines
16 cost \$113,121 while the cost to keep the existing plastic main, run new service lines to
17 the rear of the property and to retest the existing plastic main would have been
18 approximately \$135,512, thus resulting in \$22,400 cost savings on this project.

19 **Q18. Did VEDO move any meters outside as part of the Replacement Program?**

20 A. Yes. VEDO moved 3,124 meters outside in 2013. Because the newly installed mains
21 operate at a higher pressure (requiring the installation of a service regulator), the cost
22 associated with moving the meters outside was less than if the meter remained inside and
23 the necessary service regulator was installed outside. In addition to better utilization of
24 VEDO's capital, moving the meters outside should improve operational efficiency

1 associated with future meter order work and will eliminate the need for inside
2 atmospheric corrosion inspections. VEDO has employed this meter move-out approach
3 since the Replacement Program was first implemented.

4 **Q19. Does VEDO believe that the Replacement Program is achieving or will achieve the**
5 **expected benefits?**

6 A. Yes. VEDO expects to continue to experience improved service reliability and safety
7 through the reduction of leakage and the replacement of the mains and service lines that
8 contribute most to system leaks. Proactive replacement of this pipe, moving meters
9 outside, and retiring the older assets will drive workforce efficiencies. The Company was
10 able, in 2013, to achieve improved capital utilization by retiring more existing main
11 infrastructure than it was necessary to replace. Customers and property owners will
12 experience a reduction in the number and frequency of disturbances and inconveniences
13 (such as leak repair, service interruptions, etc.) as the older sections of main are retired.
14 VEDO has historically repaired approximately one leak per mile per year on the mains
15 retired. Additionally, as quantified below, there are active leaks and meter orders that
16 will be eliminated as a result of replacing the infrastructure. The elimination of active
17 leaks will result in a relatively lower level of lost and unaccounted for gas, although it is
18 impractical to quantify a specific reduction. Finally, VEDO expects long term benefits in
19 terms of reduced impacts on the communities where public infrastructure improvements
20 may occur after these projects are completed.

21 **Q20. What operational benefits did VEDO achieve as a result of the Replacement**
22 **Program in 2013?**

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

1 The replacement of these assets has reduced the number of active leaks in
2 VEDO's system, is expected to reduce the occurrence of future leaks and leak repair
3 work, and will reduce interruptions, inconveniences and disturbances to customers.
4 Specifically, the replacement projects from 2013 have allowed VEDO to eliminate 211
5 active leaks, of which 45 would have required a more immediate and less efficient repair.

6 Over the past 8 years, the Company has experienced an average of 281 asset
7 condition related meter orders on the types of assets that were replaced in 2013. VEDO
8 will experience a reduction in the number of these meter orders (Outside Gas Leak, Gas
9 Emergency, Water in Line, and No Gas orders) through the retirement of bare steel and
10 cast iron infrastructure.

11 As stated above, VEDO moved 3,112 inside meters outside. This will eliminate
12 the requirement for a separate atmospheric corrosion check.

13 Certain system components that had been used to address issues associated with
14 assets in poor condition have been eliminated, such as the 47 drips used to remove water
15 from low pressure mains.

16 Additional operational efficiencies come as a result of the retirement of regulator
17 stations, valves, casings, test stations for cathodic protection, and reduced frequency of
18 leak surveys,

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

22 **Q21. Did VEDO derive cost savings from the 2013 replacement projects?**

23 A. Yes. Quantification of the savings achieved in 2013 under the guidelines approved in
24 Case No. 13-1571-GA-ALT will be discussed later in my testimony.

1 **Q22. Were the construction projects within the 2013 Replacement Program competitively**
2 **bid?**

3 A. Yes.

4 **Q23. How were the bid packages organized, bid, and awarded?**

5 A. Based on the geographical location of the projects, VEDO divided the planned 2013
6 projects into 17 bid packages. Contractors that either received a small entry level
7 package in 2012 or that did not complete a BS/CI project in 2012 were eligible to bid on
8 all work but were only awarded a certain amount to monitor growth. All contractors
9 could bid on any of the 17 packages but were not required to bid on all packages. Each
10 bid package was independently evaluated.

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

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

Q24. What is VEDO's replacement plan for 2014?

A. VEDO's planned replacement projects for 2014 are identified in Exhibit No. JMF-3. In 2014, VEDO plans to spend approximately \$30 million under the Replacement Program, retiring approximately 47 miles of bare steel and cast iron main, along with the bare steel service lines served from those mains. Some additional mileage will be retired along with the 2014 retirement plan from projects started in 2013. As was the case in 2013, VEDO reserves the right to modify the plan as necessary, including to accommodate higher priority projects as circumstances may change throughout the year.

Q25. Is VEDO also planning on replacing some ineffectively coated steel pipelines in its 2014 Replacement Program?

A. Yes. In 2014, VEDO plans to spend approximately \$5.3 million under the Replacement Program to replace approximately four miles of ineffectively coated steel mains. A list of those projects can be found in Exhibit No. JMF-3.

III. SERVICE LINE RESPONSIBILITY

Q26. How does VEDO view the transition to service line responsibility?

A. VEDO continues to view the transfer of service line responsibility to the Company as a positive for both the Company and its customers. In general, VEDO's assumption of service line responsibility has been a benefit to its customers. Customers no longer are required to schedule the services of a plumber to repair or replace their service line, minimizing inconvenience and out of pocket costs for customers. VEDO's response times to leak calls and its repair activities reduce the amount of time customers are out of service, which also aligns with Ohio's minimum gas service standards. The Company's ability to adjust to an ever-changing schedule to meet the needs of customers has also been a benefit. Also, confusion over customer responsibility for the service line has been

1 essentially eliminated because there is now a clear delineation of responsibility between
2 the customer and VEDO. VEDO continues to respond to numerous leak calls, many on
3 bare steel or ineffectively coated steel service lines that have required replacement.

4 Because VEDO (and its customers) have a significant number of aged service line assets,
5 the annual amount of service line replacements is significant and will remain so for the
6 foreseeable future.

7 **Q27. Has VEDO experienced any incremental costs as a result of assuming service line**
8 **responsibility?**

9 A. Yes. VEDO has had to repair a number of gas leaks on the portion of the buried service
10 line and the above-ground meter setting that had previously been maintained by the
11 customer. As a result of this change, VEDO has seen both an increase in capital
12 replacements and O&M expenses to repair these leaks. Incremental capital replacement
13 costs related to service line responsibility are included in Witness Swiz's DRR revenue
14 requirement. The incremental O&M expenses will be discussed later in my testimony.

15 **Q28. Has VEDO devoted incremental investment to the replacement of service lines?**

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

19 **Q29. How were these incremental costs and investments recognized in past DRR**
20 **proceedings?**

21 A. In past annual proceedings, the incremental amount was derived from the difference
22 between (1) the average cost of a service line replacement before the transfer of
23 responsibility and (2) the average cost of replacement in the year under review. This
24 difference was then multiplied by the number of service lines actually replaced to
25 calculate the amount included in the DRR for recovery.

1 **Q30. Did this methodology adequately identify the actual incremental investment**
2 **required since VEDO assumed the responsibility for service line replacements?**

3 A. No. This methodology did not reflect VEDO's actual, incremental investment to replace
4 service lines; rather, it significantly understated it. The method excluded a substantial
5 amount of investment and replacement work that should otherwise have fallen within the
6 scope of the DRR.

7 **Q31. Was this issue addressed in the Stipulation approved in Case No. 13-1571-GA-ALT?**

8 A. Yes. The Stipulation provided that "VEDO may recover its actual incremental service-
9 line costs and investment in subsequent annual DRR filings if such costs are accurately
10 identified."

11 **Q32. Can you explain how VEDO identified its actual incremental service line costs?**

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

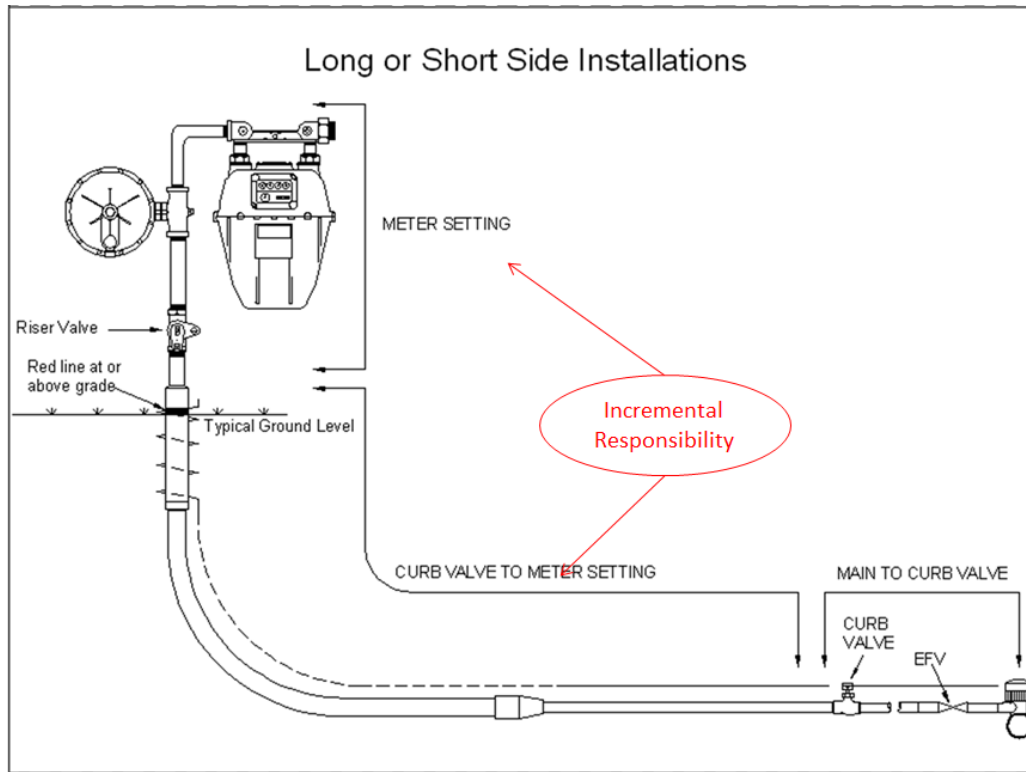


Figure 1: Standard Service Line Installation

Q33. Describe the Main to Curb Valve segment.

A. This is the portion of the service line running from the service tap connection located at the main to the curb valve. The curb valve typically resides at the customer's property line. It typically includes an excess-flow valve and a varied length of pipe. This portion of the service line has historically been installed by VEDO and replacement does *not* represent an incremental investment.

Q34. Describe the Curb Valve to Meter Setting segment.

This is the portion of the service line from the curb valve at the customer's property line to the riser on the meter setting. This section also varies in length. Replacement of this portion does represent an incremental investment.

1 **Q35. Describe the Meter Setting.**

2 This is the portion of the service line starting at the riser and ending at the outlet side of
3 the meter bar. Typical meter settings include the riser, riser valve, service regulator,
4 meter bar, and other fittings and appurtenances necessary to support the meter.

5 Replacement of this portion also represents an incremental investment.

6 **Q36. What types of service line replacements does VEDO perform, and which**
7 **replacements represent incremental investment?**

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

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

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

16 A Curb Valve to Meter Setting replacement replaces the service line from the
17 outlet side of the curb valve to the inlet side of the meter setting and is entirely
18 incremental. Prior to VEDO's assumption of responsibility for service lines, the
19 customer would have borne the cost for this type of replacement.

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

1 **Q37. Not including service lines that were part of Replacement Program projects, how**
2 **many service lines did VEDO replace in 2013, and what segments of the line were**
3 **replaced?**

4 A. In 2013, VEDO replaced all or part of 1,696 service lines. The breakdown of service
5 replacement types were as follows:

Service Line Replacement Type	Quantity
Main to Meter Setting	1163
Curb Valve to Meter Setting	353
Meter Setting	115
Main to Curb Valve	65
Total	1696

6
7 VEDO invested \$7,321,567 in the replacement of these service lines.

8 **Q38. Is only a portion of the \$7,321,567 invested in the replacement of service lines an**
9 **incremental investment?**

10 A. Yes. Because many of the replacements involved the Main to Curb Valve portion of the
11 service line, only a portion of this investment is incremental. Exhibit No. JMF-4
12 provides a summary of the 2013 investments in service line replacements, identifying
13 both the incremental and non-incremental investments by replacement type. In 2013,
14 VEDO's incremental investment in service line replacements was \$3,873,875.

15 **Q39. How did VEDO identify the incremental investment in service line replacements?**

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

1 **Q40. How did VEDO identify and differentiate the work orders in question?**

2 A. VEDO queried its work management system for all service replacement work orders
3 completed between January 1, 2013, and December 31, 2013, and compiled them into a
4 single table in an Excel spreadsheet. It then reviewed each order and identified the type
5 of service replacement as being one of the following: Main to Meter, Main to Curb
6 Valve, Curb Valve to Meter, or Meter Setting replacements. This allowed VEDO to
7 identify whether the service line investment was fully incremental, partially incremental
8 or not incremental.

9 **Q41. How did VEDO identify the value of the investment associated with each**
10 **replacement?**

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

13 **Q42. How did VEDO determine the applicable costs?**

14 A. Costs for service replacement work are generally based on pre-defined unit rates for
15 certain activities, such as a cost per foot installed, cost per meter setting installed, and
16 cost for sewer locates. These rates vary depending on the type of work (replacement of a
17 long side or short side service¹), length of service (over or under 200 feet), and other
18 factors. VEDO determined the applicable unit rates by manually reviewing and
19 identifying the cost categories associated with each job and identifying which costs were
20 applicable to which type of service replacement. For example, hard surface removal and
21 restoration is applicable to most Main to Meter and Main to Curb Valve replacements
22 (older mains are generally under pavement), but not to Curb Valve to Meter and Meter

¹ A long side service line is one where the main is on the opposite side of the centerline of the street from the home being served. A short side service line is one where the main is on the same side of the street as the home being served.

Setting replacements (which are generally under lawns). In VEDO's review, it also distinguished between fixed and variable costs and allocated them accordingly.

Q43. How did VEDO allocate fixed costs?

A. Fixed costs (such as a sewer locate) are costs applicable to all replacement work types (except Meter Setting replacements) and do not vary with the size of the job. VEDO allocated these costs based on the type of replacement completed. If the replacement was a Main to Curb Valve, the fixed cost was fully charged to that portion (and thus *excluded* from incremental investment). If the replacement was a Curb Valve to Meter, the fixed costs was fully applicable to that portion (and thus *included* as incremental investment). When the replacement was a Main to Meter Setting, the fixed costs were allocated to both portions of the service line (and included as incremental and non-incremental investment) equally.

Q44. How did VEDO allocate variable costs?

A. Variable costs (such as the cost per foot to replace the service line pipe) were again allocated based on the type of replacement. For a Main to Curb Valve replacement, the variable costs were fully allocated based on the footage replaced and fully excluded from incremental investment. For Curb Valve to Meter Setting replacements, the variable costs were again applied to the footage replaced and fully included as incremental investment. For Main to Meter replacements, VEDO allocated variable costs to the Main to Curb Valve and Curb Valve to Meter Setting portions of the service line. These allocation percentages are based on the results of a random sample survey conducted on approximately 10 percent of main to meter setting replacements. Review of these replacements allowed VEDO to identify the distance in feet from the main to the curb valve. Using this information, VEDO determined, on average, what percentage of the

length of the service line was between the main and the curb valve (and thus non-incremental) and what percentage was between the curb valve and the meter setting (and thus incremental). As an example, for a short side service, approximately 15% of the service line length was between the main to the curb valve; for a long side service, approximately 41.2% of the service line length was between the main to the curb valve. These portions were the non-incremental portion of the investment.

Using these percentages, VEDO allocated variable costs to its Main to Meter Setting Replacements and distinguished between incremental and non-incremental investment.

Q45. Do the exhibits to your testimony identify each cost type and how it was allocated?

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

Q46. How did VEDO use this methodology to determine the incremental amount of service line investment in 2013?

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

1 **Q47. The Stipulation approved in Case No. 13-1571-GA-ALT also required VEDO to**
2 **“work with Staff before the next annual DRR filing to agree on a methodology that**
3 **accurately identifies such incremental service-line investments and that can be**
4 **adequately reviewed by the Commission.” Did VEDO meet with Staff to discuss this**
5 **methodology?**

6 A. Yes. VEDO met with Staff prior to making this filing to discuss its proposed
7 methodology for identifying incremental service line investments. VEDO considered
8 Staff’s feedback and comments and provided additional requested information to assist
9 Staff’s review.

10 **IV. OPERATING AND MAINTENANCE SAVINGS**

11 **Q48. Operating and Maintenance Savings Under the 13-1571 Stipulation, VEDO is**
12 **required to credit the DRR based on one of two savings methods. Did VEDO**
13 **perform these calculations?**

14 A. Yes. The first method required VEDO to determine an “O&M Savings Credit” by adding
15 together a baseline credit of \$294,116 and a credit of \$5,882 per mile of bare-steel and
16 cast-iron main replaced. This calculation resulted in an O&M Savings Credit of \$551,748
17 (43.8 miles times \$5,882, plus \$294,116). See Exhibit No. JMF-7 for the calculation of
18 this savings.

19 **Q49. Did VEDO also calculate maintenance savings in 2013 compared to a baseline**
20 **amount of \$1,192,953?**

21 A. Yes. The 13-1571 Stipulation also required VEDO “to calculate actual O&M savings by
22 comparing actual O&M costs to the O&M baseline established in the Rate Case and used
23 in previous annual DRR filings.” VEDO calculated its maintenance expenses incurred in
24 2013 by the same method it used to calculate the baseline maintenance expense amount
25 of \$1,192,953. The actual comparable maintenance expenses in 2013 were \$840,125,
26 resulting in a cumulative savings against the baseline of \$352,828. This amount is
27 broken into expense reductions attributable to mains of \$346,983 and expense reductions

1 from service lines replaced, and now owned by VEDO, of \$5,845 for a total savings of
2 \$352,828. Additionally, VEDO experienced an increase in maintenance expenses of
3 \$63,940 for those service lines that are not bare steel. Exhibit No. JMF-8 provides the
4 actual 2013 maintenance expenses and a comparison against the baseline expense
5 amount. Additionally, this exhibit provides a breakdown of the maintenance expenses
6 between mains and services.

7 **Q50. What amount of O&M savings does VEDO propose to include as a credit in this**
8 **DRR filing as a result of the 2013 Replacement Program?**

9 A. Because the O&M Savings Credit is greater than the savings reached under the baseline-
10 comparison method, VEDO will apply the credit of \$551,748.

11 **Q51. By way of comparison, what does VEDO believe were its actual O&M savings in**
12 **2013?**

13 A. VEDO believes that its actual O&M savings in 2013 were \$206,138. Exhibit No. JMF-9
14 provides a breakdown of the cost savings into the various operating or maintenance
15 categories. The amount of savings resulted in an average per mile savings cost of
16 \$4,706.35. This amount was arrived at by dividing the annual savings achieved in 2013
17 (\$206,138) by the mileage retired (43.8).

18 **Q52. How did VEDO calculate this figure?**

19 A. For each of the projects completed in 2013, VEDO was able to identify specific cost
20 drivers related to regulator stations, casings, valves, cathodic protection reads, residential
21 leak surveys, service calls, leaks repaired, leaks rechecked, meter move outs, and drips
22 retired, and tally the quantity of work eliminated as a result of the replacement of these
23 assets. O&M costs associated with the respective work on these assets (such as an
24 inspection or a survey) were then summarized into a cost savings by cost driver. As an
25 example, in 2013, VEDO retired 9 regulator stations. As a result of these retirements,

VEDO will reduce annual costs for conducting regulator inspections by \$7,872 annual cost savings since the regulators have been retired and thus no longer require inspection. A similar summary of cost savings was determined for each cost drivers listed above and can be found Exhibit No. JMF-7.

Q53. Is VEDO proposing only to credit actual savings against the DRR?

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

Q54. Does this conclude your testimony?

A. Yes.

2013 VEDO BS/CI Replacement Program Progress

A	B	C	D	E	Mains ²					Services ²		Meter Move-Outs ²	
					F	G	H	I	J=G+H+I	K	L	M	N
Work Order Number	Completion Date	Group#	City	Utility Plant Additions	Plastic Installed (Feet)	Total BS 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
11046803052214	7/30/13	V-119	WEST ALEXANDRIA	\$ 534,114.00	5,659	6,160		493	6,653	97	101	59	59
11046803052223	10/8/13	V-125	EATON	\$ 1,017,673.00	7,602	8,010		879	8,889	174	180	145	145
12048103052215	12/17/13	V-127	WEST MILTON	\$ 1,283,155.00	5,394	5,327		635	5,962	129	135	98	98
12048103052216	8/5/13	V-128	TROY	\$ 835,002.00	6,301	9,434		212	9,646	180	183	160	160
11046803052220	8/29/13	V-135	DAYTON	\$ 863,760.00	7,628	9,070	1,320	635	11,025	51	58	28	28
11046803052230	9/12/13	V-140	DAYTON	\$ 1,053,520.00	5,577	2,075	3,765	45	5,885	142	156	125	125
12046903052210	8/19/13	V-146	DAYTON	\$ 1,126,155.00	6,404	6,067		27	6,094	190	190	151	151
13046803052216	12/26/13	V-1477-D	DAYTON	\$ 55,051.00	550	565			565	15	15	3	3
13046803051210	2/16/13	V-1520-D	DAYTON	\$ 139,572.00	1,412	1,050			1,050	22	23	3	3
13046603052212	10/29/13	V-1531-D	XENIA	\$ 72,940.00	1,900	1,900			1,900	18	18	1	1
13046803052217	12/5/13	V-1554-D	DAYTON	\$ 58,287.00	220	210			210	10	10	8	8
12048103052217	6/17/13	V-350	TIPP CITY	\$ 312,085.00	2,001	1,723		55	1,778	56	56	55	55
12046903052212	11/25/13	V-355	DAYTON	\$ 649,153.00	3,253	1,724	1,295	82	3,101	103	104	101	101
12046903052213	12/19/13	V-356	DAYTON	\$ 710,555.00	6,425	6,271		62	6,333	122	167	126	126
10046803052214	12/19/12	V-115	DAYTON	\$ 840,761.00	6,025	9,417	1,099	153	10,669	46	60	59	59
10046803052215	3/8/13	V-134	DAYTON	\$ 997,919.00	6,995	4,935	4,680	195	9,810	89	110	108	108
12046703052213	12/2/13	V-373	SOUTH SOLON	\$ 434,510.00	5,370	4,623			4,623	89	92	13	13
12048103052228	4/11/13	V-448	TROY	\$ 699,704.00	6,931	7,338		204	7,542	88	89	65	65
12046903052218	12/19/13	V-482	DAYTON	\$ 323,793.00	3,502	3,289	6,878	15	10,182	36	44	19	19
11046603052210	2/5/13	V-452	XENIA	\$ 911,996.00	9,492	10,535		155	10,690	112	119	60	60
11046803052229	12/5/13	V-528	DAYTON	\$ 600,842.00	2,480	3,487			3,487	76	82	170	170
11046803052233	10/2/13	V-595	DAYTON	\$ 806,474.00	6,385	7,472		25	7,497	95	100	64	64
12048103052221	8/8/13	V-620	PIQUA	\$ 351,050.00	3,165	2,524		73	2,597	67	68	42	42
12048103052220	9/27/13	V-621	PIQUA	\$ 480,530.00	4,163	3,893		485	4,378	115	115	79	79
12048203052210	4/2/13	V-626	BELLEFONTAINE	\$ 374,738.00	3,058	1,717	1,075	285	3,077	72	73	47	47
12048103052218	6/26/13	V-627	SIDNEY	\$ 338,864.00	3,190	4,559		258	4,817	38	47	40	40
12048103052227	7/26/13	V-655	SIDNEY	\$ 615,097.00	6,453	7,125			7,125	123	126	99	99
12046903052217	5/14/13	V-656	DAYTON	\$ 541,807.00	4,040	20	4,700	86	4,806	55	55	44	44
12046903052219	5/29/13	V-760	DAYTON	\$ 1,320,040.00	9,649	9,469		25	9,494	230	232	215	215
12046703052210		V-766	GREENFIELD	\$ 699,323.00	4,312	8,289		445	8,734	155	162	74	74
12046903052216	9/16/13	V-770	DAYTON	\$ 825,436.00	4,979	3,691	2,497		6,188	78	94	65	65
12046803052214	12/11/13	V-785	DAYTON	\$ 1,049,485.00	4,723	4,502	3,065		7,567	103	118	94	94
12048103052213	12/26/13	V-787	COVINGTON	\$ 224,737.00	3,162	4,142		436	4,578	65	67	37	37
12046603052210	7/17/13	V-814-D	DAYTON	\$ 770,625.00	7,095	4,756			4,756	149	204	124	124
12046603052213	7/25/13	V-851	DAYTON	\$ 1,084,404.00	6,690	4,319		270	4,589	181	183	126	126
12048103052225	11/7/13	V-856	GREENVILLE	\$ 628,618.00	4,852	6,716		292	7,008	138	141	106	106
12048103052224	12/20/13	V-857	GREENVILLE	\$ 476,096.00	4,272	5,185			5,185	141	143	99	99
12048103052223	12/17/13	V-858	GREENVILLE	\$ 240,829.00	2,157	2,025		273	2,298	58	59	34	34
12048203052212	4/16/13	V-948	BELLEFONTAINE	\$ 188,791.00	1,941	1,585		80	1,665	43	45	33	33
12048203052213	5/7/13	V-949	BELLEFONTAINE	\$ 194,205.00	2,411	3,050		50	3,100	30	32	12	12
12046703052212	12/10/13	V-961	GREENFIELD	\$ 417,835.00	5,620	5,663	80	10	5,753	83	91	27	27
13046803052214	12/10/13	V-1346-D	DAYTON	\$ 132,370.30	1,300	1,290			1,290	6	6	4	4
12046803052216	1/10/13	V-1029-D	DAYTON	\$ 508,499.94	3,268	1,133			1,133	81	82	75	75
12046703052214	12/2/13	V-997	SOUTH SOLON	\$ 255,129.00	3,230	4,530			4,530	53	57	15	15
\$ 26,045,530.24					201,236	200,865	30,454	6,940	238,259	4,004	4,292	3,112	3,112

2013 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
11046803052214	7/30/13	V-119	WEST ALEXANDRIA	2	493	235	No	1 1/4"-200', 2"-235', 4"-232, 3"-70', 3"-90',
11046803052223	10/8/13	V-125	EATON	2	879	487	Yes	487' of 3" PL inserted thru 4"STL in downtown area where we could not install meters in the front of the property, meters needed to be installed in the alley with new MPP installed in the alley for service to customers.
12048103052215	12/17/13	V-127	WEST MILTON	2	635	225	No	3"- 47', 3"-200', 4"-225', 4" 119',4"-44', 4"-15'
12048103052216	8/5/13	V-128	TROY	2	212	140	No	1 1/4"-140', 3"-72'
11046803052220	8/29/13	V-135	DAYTON	2	635	170	No	4" -85', 4" -75', 4"-170', 3" PL thru 4" STL-100', 3"PL thru 4" STL-70'
11046803052230	9/12/13	V-140	DAYTON	2	45	25	No	4"-20', 4"-25'
12046903052210	8/19/13	V-146	DAYTON	2	27	27	No	3"-27'
12048103052217	6/17/13	V-350	TIPP CITY	2	55	20	No	2"-20', 4"-15', 4"-20',
12046903052212	11/25/13	V-355	DAYTON	2	82	82	No	4"-82'
12046903052213	12/19/13	V-356	DAYTON	2	62	62	No	4"-62'
10046803052214	12/19/12	V-115	DAYTON	2	153	52	No	2"-20', 4"-42', 6"-39', 10"-52'
10046803052215	3/8/13	V-134	DAYTON	2	195	75	No	4"-35', 4"-75', 6"-30'
12048103052228	4/11/13	V-448	TROY	2	204	180	No	3"-24', 3"-180'
12046903052218	12/19/13	V-482	DAYTON	2	15	15	No	2"-15'
11046603052210	2/5/13	V-452	XENIA	2	155	70	No	3"-5', 4"-70', 6"-15'
11046803052233	10/2/13	V-595	DAYTON	2	25	25	No	2"-25'
12048103052221	8/8/13	V-620	PIQUA	2	73	73	No	4"-73'
12048103052220	9/27/13	V-621	PIQUA	2	485	270	No	1 1/4"-270, 2"-55, 3"-80', 4"-35, 4"-45'
12048203052210	4/2/13	V-626	BELLEFONTAINE	2	285	170	No	3"-10', 3"-95', 3"-170', 4"-10'
12048103052218	6/26/13	V-627	SIDNEY	2	258	120	No	4"-60', 4"-60', 4"-120'
12046903052217	5/14/13	V-656	DAYTON	2	86	40	No	2"-20', 2"-40', 3"-20', 4"-6'
12046903052219	5/29/13	V-760	DAYTON	2	25	25	No	3"-25'
12046703052210		V-766	GREENFIELD	2	445	130	No	2"-130', 3"-10', 4"-15', 4"-15', 4"-100'
12048103052213	12/26/13	V-787	COVINGTON	2	436	398	No	3"-20', 4"-18',398' of 4" isolated low pressure plastic with no services not needed and thus was not replaced. Existing MPP in same street.
12046603052213	7/25/13	V-851	DAYTON	4	270	190	No	1 1/4"-190', 4"-70', 6"-10'
12048103052225	11/7/13	V-856	GREENVILLE	2	292	266	No	2"-266', 4"-26'
12048103052223	12/17/13	V-858	GREENVILLE	2	273	160	No	1 1.4"-104', 2"-160'
12048203052212	4/16/13	V-948	BELLEFONTAINE	2	80	80	No	4"-80'
12048203052213	5/7/13	V-949	BELLEFONTAINE	2	50	50	No	4"-50'
12046703052212	12/10/13	V-961	GREENFIELD	2	10	10	No	2"-10'

VEDO 2014 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-1003	VEDO	TR	GREENVILLE	WATER ST	3,588	4,453	89	\$521,347	6/2/14	8/1/14
V-1012	VEDO	TR	GREENVILLE	UNION ST	4,745	6,145	64	\$473,648	6/9/14	8/1/14
V-1016	VEDO	DW	DAYTON	STAFFORD AVE	3,100	4,375	98	\$538,219	5/5/14	7/31/14
V-1019	VEDO	FA	FAIRBORN	SECOND ST	1,775	2,700	48	\$335,271	3/3/14	4/30/14
V-1020	VEDO	FA	FAIRBORN	THIRD ST	2,035	4,405	82	\$465,629	3/12/14	5/19/14
V-1024	VEDO	TR	ARCANUM	MAIN ST	3,445	5,515	71	\$418,588	7/7/14	8/30/14
V-1026	VEDO	BF	BELLEFONTAINE	MAIN ST	5,480	5,057	144	\$794,027	2/17/14	7/11/14
V-1027	VEDO	BF	BELLEFONTAINE	EASTERN AVE	6,486	6,567	163	\$882,995	3/24/14	8/15/14
V-1031	VEDO	FA	FAIRBORN	GREENE ST	6,531	8,694	154	\$942,679	3/26/14	7/25/14
V-1032	VEDO	FA	DAYTON	SMITHVILLE RD	9,715	9,450	290	\$1,746,607	1/1/14	6/2/14
V-1044	VEDO	FA	DAYTON	S SMITHVILLE RD	12,641	11,402	296	\$1,253,058	4/7/14	9/8/14
V-1049	VEDO	CN	DAYTON	MARTEL DR	4,535	4,530	120	\$741,551	6/10/14	9/30/14
V-121	VEDO	CN	MIAMISBURG	FIRST ST ALLEY WEST OF	981	3,216	41	\$417,992	8/6/14	10/24/14
V-1348	VEDO	TR	TIPP CITY	DOW STREET	2,195	2,040	62	\$334,015	1/20/14	2/28/14
V-138	VEDO	TR	SIDNEY	FOREST ST	5,935	10,735	118	\$733,873	5/6/14	9/30/14
V-1345-D	VEDO	DW	DAYTON	MARKEY RD	1,140	1,125	20	\$194,238	11/4/13	
V-1478-D	VEDO	TR	TROY	MCKAIG ROAD	3,773	4,673	55	\$428,743	6/1/14	7/31/14
V-1490-D	VEDO	TR	TROY	TROY ST	4,215	4,555	83	\$684,680	6/1/14	7/31/14
V-1562	VEDO	DW	DAYTON	BRIERCLIFF RD	1,500	1,500	36	\$200,040	1/20/14	2/14/14
V-1563	VEDO	CN	DAYTON	UPLAND AVE	800	1,100	15	\$92,450	1/8/14	1/17/14
V-378	VEDO	CN	KETTERING	KINGSWOOD DR.	6,371	6,288	154	\$839,621	2/17/14	4/25/14
V-445	VEDO	TR	ARCANUM	ALLEY N OF NORTH ST	5,045	4,395	85	\$557,874	7/14/14	8/30/14
V-512	VEDO	DW	DAYTON	SALEM AVE.	8,140	7,615	178	\$1,276,920	8/11/14	11/26/14
V-521	VEDO	TR	PIQUA	GARNSEY ST	5,805	7,006	148	\$863,822	2/24/14	5/9/14
V-618	VEDO	TR	PIQUA	HIGH ST.	5,865	6,295	146	\$792,961	11/14/13	
V-622	VEDO	TR	PIQUA	BROADWAY ST	11,045	9,000	201	\$1,107,414	2/3/14	5/9/14
V-654	VEDO	TR	SIDNEY	LINDEN AVE	1,852	1,620	36	\$202,955	6/11/14	10/10/14
V-738	VEDO	CN	DAYTON	CLOVER ST.	3,905	5,025	161	\$944,223	7/14/14	10/24/14
V-764	VEDO	FA	XENIA	DETROIT ST	16,135	16,475	224	\$1,259,068	1/13/14	4/25/14
V-765	VEDO	WC	GREENFIELD	ALLEY N OF MCCLAIN ST	1,920	4,180	72	\$397,311	6/23/14	11/28/14
V-769	VEDO	CN	OAKWOOD	BEVERLY PL.	9,892	10,324	161	\$1,273,582	6/2/14	10/31/14
V-790	VEDO	CN	OAKWOOD	EASEMENT N OF HARMON AVE	11,171	8,317	181	\$1,274,519	6/10/14	10/31/14
V-795	VEDO	CN	MIAMISBURG	CENTRAL AVE	6,550	9,010	144	\$913,458	8/18/14	11/14/14
V-809	VEDO	CN	DAYTON	NATHAN PL	3,211	5,168	87	\$404,600	8/6/14	12/5/14
V-817	VEDO	CN	DAYTON	KIEFABER ST	2,370	3,465	122	\$699,526	5/28/14	8/22/14
V-839	VEDO	TR	COVINGTON	ALLEY WEST OF PEARL	1,920	2,230	40	\$238,025	4/17/14	6/6/14
V-846	VEDO	DW	DAYTON	DANDRIDGE AVE	3,637	4,178	73	\$469,330	9/29/14	12/19/14
V-855	VEDO	CN	DAYTON	REVERE AVE.	3,870	5,505	150	\$910,502	1/20/14	3/28/14
V-916	VEDO	CN	DAYTON	HICKORY ST	4,348	4,286	135	\$883,515	9/29/14	12/19/14
V-923	VEDO	TR	TROY	CRAWFORD ST	8,230	9,330	150	\$984,995	5/5/14	6/27/14
V-942	VEDO	TR	COVINGTON	ALLEY WEST OF HIGH	2,965	3,720	84	\$491,162	4/7/14	6/6/14
V-960	VEDO	WC	GREENFIELD	ALLEY S OF NORTH ST	5,275	6,820	116	\$648,500	7/7/14	11/28/14
V-974	VEDO	DW	DAYTON	WESTVIEW AVE	7,037	5,990	181	\$869,244	8/25/14	12/19/14
Total					221,174	248,479	5078	\$30,502,778		

* Additional mileage may be retired in 2014 from projects started in 2013.

Ineffectively Coated Steel Replacement Projects

	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
	VEDO	DW	Dayton	MARKEY RD	1,300	1,300	\$194,238	1/1/14	1/31/14
	VEDO	DW	Dayton	MALVERN AVE & SUNNYVIEW AVE	614	614	\$57,274	2/15/14	4/1/14
	VEDO	TR	Troy	WACO RD & PETERS RD	2,500	2,500	\$160,000	7/1/14	9/1/14
	VEDO	DW	Dayton	MARATHON ST	1,000	1,000	\$199,781	2/1/14	3/5/14
	VEDO	DW	Brookville	BROOKVILLE PHILLIPSBURGH RD	2,500	2,500	\$281,936	4/15/14	6/1/14
	VEDO	WC	Mt Sterling	CROSS COUNTRY PIPELINE	11,000	11,000	\$3,430,000	6/1/14	8/30/14
	VEDO	BF	Bellevue	SEMINOLE ISLAND	2,500	2,500	\$973,995	7/1/14	9/1/14

VEDO 2013 Service Replacement Cost Summary

Row Labels	Main to Curb					Curb to Meter					Total Main to Meter				
	Values														
	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	\$118,017	\$60,189	\$827,785	\$402,396	\$1,408,387	\$118,017	\$60,189	\$827,785	\$402,396	\$1,408,387
Main to Curb - Long Side	\$11,687	\$9,744	\$79,924	\$40,542	\$141,897	\$0	\$0	\$0	\$0	\$0	\$11,687	\$9,744	\$79,924	\$40,542	\$141,897
Main to Curb - Short Side	\$7,884	\$7,344	\$99,216	\$45,778	\$160,222	\$0	\$0	\$0	\$0	\$0	\$7,884	\$7,344	\$99,216	\$45,778	\$160,222
Main to Meter - Long Side Over 200 feet	\$5,247	\$1,560	\$10,716	\$7,009	\$24,532	\$7,488	\$2,226	\$5,820	\$6,214	\$21,749	\$12,735	\$3,787	\$16,536	\$13,223	\$46,281
Main to Meter - Long Side Under 200 feet	\$52,177	\$38,680	\$462,574	\$221,372	\$774,804	\$74,466	\$55,204	\$251,230	\$152,360	\$533,260	\$126,643	\$93,884	\$713,804	\$373,732	\$1,308,064
Main to Meter - Short Side Over 200 feet	\$974	\$132	\$7,144	\$3,300	\$11,551	\$5,476	\$745	\$3,880	\$4,040	\$14,141	\$6,450	\$877	\$11,024	\$7,340	\$25,692
Main to Meter - Short Side Under 200 feet	\$52,005	\$18,945	\$1,596,684	\$667,053	\$2,334,686	\$292,396	\$106,516	\$867,180	\$506,437	\$1,772,529	\$344,401	\$125,460	\$2,463,864	\$1,173,490	\$4,107,216
Meter set replacement	\$0	\$0	\$0	\$0	\$0	\$53,935	\$34,500	\$0	\$35,374	\$123,809	\$53,935	\$34,500	\$0	\$35,374	\$123,809
Grand Total	\$129,973	\$76,405	\$2,256,258	\$985,055	\$3,447,691	\$551,779	\$259,380	\$1,955,895	\$1,106,822	\$3,873,875	\$681,752	\$335,785	\$4,212,153	\$2,091,876	\$7,321,567

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 main to curb %	Direct labor/mat'l 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 - Long Side Over 200 feet	\$7.50	\$2.23	41.2%	58.8%	\$40.00	50.0%	50.0%	\$416.00	100.0%	0.0%	\$400.00	100.0%	0.0%	\$1,900.00	50.0%	50.0%
Main to Meter - Long Side Under 200 feet	\$7.50	\$5.56	41.2%	58.8%	\$40.00	50.0%	50.0%	\$416.00	100.0%	0.0%	\$400.00	100.0%	0.0%	\$1,900.00	50.0%	50.0%
Main to Meter - Short Side Over 200 feet	\$7.50	\$1.02	15.1%	84.9%	\$40.00	50.0%	50.0%	\$416.00	100.0%	0.0%	\$400.00	100.0%	0.0%	\$1,900.00	50.0%	50.0%
Main to Meter - Short Side Under 200 feet	\$7.00	\$2.55	15.1%	84.9%	\$40.00	50.0%	50.0%	\$416.00	100.0%	0.0%	\$400.00	100.0%	0.0%	\$1,900.00	50.0%	50.0%
Main to Curb - Short Side	\$219.00	\$204.00	100.0%	0.0%	\$40.00	100.0%	0.0%	\$416.00	100.0%	0.0%	\$400.00	100.0%	0.0%	\$1,900.00	100.0%	0.0%
Main to Curb - Long Side	\$403.00	\$336.00	100.0%	0.0%	\$40.00	100.0%	0.0%	\$416.00	100.0%	0.0%	\$400.00	100.0%	0.0%	\$1,900.00	100.0%	0.0%
Curb to Meter	\$8.00	\$4.08	0.0%	100.0%	\$40.00	0.0%	100.0%	\$416.00	0.0%	100.0%	\$400.00	0.0%	100.0%	\$1,489.00	0.0%	100.0%
Meter set replacement	\$469.00	\$300.00	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 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):	\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322				
										Main to Curb (Non-Incremental)										Curb to Meter (Incremental)									
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	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	
9232747	GSRPLPSS	OHIO	WC	OH-WILMINGTON-705 N LINCOLN ST -CPG-GSRPLPSS---LEAK-REPAIR-CPG-GSRPLPSS	01/01/13	MDPE	1.00 INCH	Main to Curb - Short Side	0	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451	
9164665	GSRPLSL	OHIO	FA	OH-DAYTON-528 W STEWART ST --- RENEW SERVICE - COMPLETE FOR GRIGSBY	01/02/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	36	\$3.09	\$111	\$2.29	\$82	\$1,786	\$792	\$2,772	\$4.41	\$159	\$3.27	\$118	\$970	\$499	\$1,745	\$270	\$200	\$2,756	\$1,290	\$4,517	
9398796	GSRPLSSS	OHIO	BF	OH-LAKEVIEW-8959 COURT ST HSMTR ---CPG-LEAKDISC #9240385	01/02/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	27	\$1.06	\$29	\$0.39	\$10	\$1,786	\$730	\$2,555	\$5.94	\$160	\$2.16	\$58	\$970	\$476	\$1,664	\$189	\$69	\$2,756	\$1,206	\$4,219	
9714539	GSRPLSSS	OHIO	DW	OH-TROTWOOD-5601 MOUNT OLIVE CT ---5601 MT. OLIVE	01/02/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	52	\$1.06	\$55	\$0.39	\$20	\$1,786	\$744	\$2,605	\$5.94	\$309	\$2.16	\$113	\$970	\$557	\$1,948	\$364	\$133	\$2,756	\$1,301	\$4,554	
9559571	GSRPLSSS	OHIO	CN	OH-DAYTON-27 HAWTHORN ST ---RENEW SERVICE	01/02/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,982	\$385	\$140	\$2,756	\$1,313	\$4,594	
9241490	GSRPLSSS	OHIO	CN	OH-MIAMISBURG-456 ALEXANDERSVILLE RD -CPG-GSRPLSSS---	01/02/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
9253447	GSRPLSL	OHIO	TR	OH-TIPP CITY-450 W ESSEX DR ---CPG-LEAKDISC #9242721	01/03/13	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$320	\$4.08	\$163	\$2,345	\$1,131	\$3,959	\$320	\$163	\$2,345	\$1,131	\$3,959	
9241668	GSRPLPSS	OHIO	CN	OH-DAYTON-2923 MARTEL DR --- REPLACE CURB VALVE AND COMPLETE TURN ON	01/03/13	MDPE	1.00 INCH	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$0	\$4.08	\$0	\$2,345	\$938	\$3,283	\$0	\$0	\$2,345	\$938	\$3,283	
9416947	GSRPLSSS	OHIO	TR	OH-SIDNEY-611 ST MARYS AVE APT A--- MTR IN BASEMENT IN FRONT OF HOME WITH A 4' C	01/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	28	\$1.06	\$30	\$0.39	\$11	\$1,786	\$731	\$2,557	\$5.94	\$166	\$2.16	\$61	\$970	\$479	\$1,676	\$196	\$71	\$2,756	\$1,209	\$4,233	
9326409	GSRPLSL	OHIO	DW	OH-DAYTON-220 ALTON AVE -CPG-GSRPLSL---CPG-GSRPLSL	01/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	26.6	\$1.06	\$28	\$0.39	\$10	\$1,786	\$730	\$2,554	\$5.94	\$158	\$2.16	\$58	\$970	\$474	\$1,660	\$186	\$68	\$2,756	\$1,204	\$4,214	
9559274	GSRPLSSS	OHIO	CN	OH-DAYTON-5330 RED COACH RD ---RENEW SERVICE	01/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	75	\$1.06	\$79	\$0.39	\$29	\$1,786	\$758	\$2,652	\$5.94	\$446	\$2.16	\$162	\$970	\$631	\$2,209	\$525	\$191	\$2,756	\$1,389	\$4,861	
9314441	GSRPLSSS	OHIO	TR	OH-SIDNEY-103 W RUTH ---CPG-LEAKDISC #9314225	01/04/13	MDPE	1.00 INCH	Main to Curb - Short Side	7	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451	
9119521	GSRPLSSS	OHIO	CN	OH-SPRINGBORO-16 SHADY PINES AVE ---NEW GAS - HL PASSED 11/30 - LOCATE CLEARS	01/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	70	\$1.06	\$74	\$0.39	\$27	\$1,786	\$755	\$2,642	\$5.94	\$416	\$2.16	\$152	\$970	\$615	\$2,153	\$490	\$179	\$2,756	\$1,370	\$4,794	
9729101	GSRPLSSS	OHIO	DW	OH-DAYTON-3807 HONEYBROOK AVE ---CROSS REF HONEY BROOK)	01/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	48	\$1.06	\$51	\$0.39	\$18	\$1,786	\$742	\$2,597	\$5.94	\$285	\$2.16	\$104	\$970	\$544	\$1,903	\$336	\$122	\$2,756	\$1,286	\$4,500	
9301113	GSRPLSL	OHIO	CN	OH-DAYTON-120 EDGAR AVENUE -CPG-GSRPLSL---LEAK-REPAIR-CPG-GSRPLSL	01/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	10	\$1.06	\$11	\$0.39	\$4	\$1,786	\$720	\$2,521	\$5.94	\$59	\$2.16	\$22	\$970	\$420	\$1,472	\$70	\$26	\$2,756	\$1,141	\$3,992	
9470255	GSRPLSSS	OHIO	CN	OH-KETTERING-3473 RIDGEWAY DR ---RENEW SERVICE	01/05/13	MDPE	1.00 INCH	Curb to Meter	135	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$1,080	\$4.08	\$551	\$2,345	\$1,590	\$5,566	\$1,080	\$551	\$2,345	\$1,590	\$5,566	
9314388	GSRPLSSS	OHIO	TR	OH-SIDNEY-413 N WALNUT ST ---CPG-LEAKDISC #9259152	01/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	64	\$1.06	\$68	\$0.39	\$25	\$1,786	\$751	\$2,630	\$5.94	\$380	\$2.16	\$139	\$970	\$596	\$2,084	\$448	\$163	\$2,756	\$1,347	\$4,714	
7696962	GSRPLPL	OHIO	DW	OH-EATON-PARK AVE ROAD RECONSTR-611 PARK AVE	01/05/13	MDPE	1.00 INCH	Main to Curb - Long Side	36	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893		
9180889	GSRPLSL	OHIO	DW	OH-DAYTON-23 S SAINT CLAIR ST --- TIE IN SRV TO MAIN AND TEST	01/07/13	MDPE	1.00 INCH	Main to Curb - Long Side	60	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893		
9509459	GSRPLSL	OHIO	DW	OH-DAYTON-2213 GIPSY DR --- (CROSS REF: NOT SPELLED GYPSY)	01/07/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	116	\$3.09	\$358	\$2.29	\$266	\$1,786	\$964	\$3,374	\$4.41	\$512	\$3.27	\$379	\$970	\$744	\$2,605	\$870	\$645	\$2,756	\$1,708	\$5,979	
9623133	GSRPLSL	OHIO	DW	OH-DAYTON-1565 CANFIELD AVE -CPG-GSRPLSL---CPG-GSRPLSL	01/07/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	35	\$1.06	\$37	\$0.39	\$13	\$1,786	\$735	\$2,571	\$5.94	\$208	\$2.16	\$76	\$970	\$502	\$1,755	\$245	\$89	\$2,756	\$1,236	\$4,326	
9470326	GSRPLSSS	OHIO	CN	OH-DAYTON-715 E SCHANTZ AVE ---RENEW SERVICE	01/07/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	129	\$1.06	\$136	\$0.39	\$50	\$1,786	\$789	\$2,761	\$5.94	\$767	\$2.16	\$279	\$970	\$806	\$2,822	\$903	\$329	\$2,756	\$1,595	\$5,583	
9137186	GSRPLPSS	OHIO	TR	OH-SIDNEY-918 MCKINLEY AVE ---SERVICE RENEWAL	01/07/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	51	\$1.06	\$54	\$0.39	\$20	\$1,786	\$744	\$2,603	\$5.94	\$303	\$2.16	\$110	\$970	\$553	\$1,937	\$357	\$130	\$2,756	\$1,297	\$4,540	
9315821	GSRPLSSS	OHIO	DW	OH-DAYTON-221 ALTON AVE ---CPG-RENEW SERVICE	01/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	40	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$238	\$2.16	\$87	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393	
9560769	GSRPLSSS	OHIO	DW	OH-DAYTON-1608 XENIA AVE-RENEW SERVICE	01/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	70	\$1.06	\$74	\$0.39	\$27	\$1,786	\$755	\$2,642	\$5.94	\$416	\$2.16	\$152	\$970	\$615	\$2,153	\$490	\$179	\$2,756	\$1,370	\$4,794	
8357262	RESZG	OHIO	TR	OH-VERSAILLES-895 E MAIN ST ---RESIZE GAS	01/08/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
8396295	RESZG	OHIO	TR	OH-GREENVILLE-1111 SWEITZER RD UNIT 11A---RESIZE GAS	01/08/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
8402800	RESZG	OHIO	TR	OH-GREENVILLE-1355 SATER ST ---RESIZE GAS	01/08/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
8540738	RESZG	OHIO	CN	OH-DAYTON-3601 DRYDEN RD ---RESIZE GAS	01/08/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
7696989	GSRPLPL	OHIO	DW	OH-EATON-PARK AVE ROAD RECONSTR-521 PARK AVE	01/09/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	48	\$3.09	\$148	\$2.29	\$110	\$1,786	\$818	\$2,862	\$4.41	\$212	\$3.27	\$157	\$970	\$535	\$1,874	\$360	\$267	\$2,756	\$1,353	\$4,736	
9309189	GSRPLSSS	OHIO	TR	OH-SIDNEY-409 FOURTH AVE --- REPLACE SERVICE , MOVE METER OUTSIDE	01/09/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	34	\$1.06	\$36	\$0.39	\$13	\$1,786	\$734	\$2,569	\$5.94	\$202	\$2.16	\$74	\$970	\$498	\$1,744	\$238	\$87	\$2,756	\$1,232	\$4,313	
9316505	GSRPLPL	OHIO	CN	OH-MORAINE-4900 ELTER DR -CPG-GSRPLSL---LEAK-REPAIR-CPG-GSRPLSL	01/09/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	33	\$1.06	\$35	\$0.39	\$13	\$1,786	\$733	\$2,567	\$5.94	\$196	\$2.16	\$71	\$970	\$495	\$1,733	\$231	\$84	\$2,756	\$1,228	\$4,300	
9458712	GSRPLSSS	OHIO	TR	OH-TROY-202 N MADISON ST---CPG-LEAKDISC #9310606	01/09/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	35	\$1.06	\$37	\$0.39	\$13	\$1,786	\$735	\$2,571	\$5.94	\$208	\$2.16	\$76	\$970	\$502	\$1,755	\$245	\$89	\$2,756	\$1,236	\$4,326	
9449039	GSR																												

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322			
										Main to Curb (Non-Incremental)							Curb to Meter (Incremental)							Main to Curb + Curb to Meter					
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Labor cost/t/ft	Labor cost	Mat'l cost/t/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/t/ft	Labor cost	Mat'l cost/t/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	
9729533	GSRLPLSSS	OHIO	DW	OH-DAYTON-5701 LONGFORD RD BLDG ---	01/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	6	\$1.06	\$6	\$0.39	\$2	\$1,786	\$718	\$2,513	\$5.94	\$36	\$2.16	\$13	\$970	\$407	\$1,426	\$42	\$15	\$2,756	\$1,125	\$3,939	
9718948	GSRLPLSSS	OHIO	DW	OH-DAYTON-448 W HUDSON AVE ---	01/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	43	\$1.06	\$45	\$0.39	\$17	\$1,786	\$739	\$2,587	\$5.94	\$256	\$2.16	\$93	\$970	\$527	\$1,846	\$301	\$110	\$2,756	\$1,267	\$4,433	
9347381	GSRLPLSSS	OHIO	FA	OH-JAMESTOWN-66 N LESTONE ST -CPG-GSRPLSSS---SERVICE RENEWAL - LOCATE CL	01/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	76	\$1.06	\$80	\$0.39	\$29	\$1,786	\$758	\$2,654	\$5.94	\$452	\$2.16	\$165	\$970	\$634	\$2,221	\$532	\$194	\$2,756	\$1,393	\$4,875	
9564737	GSRLPLSSS	OHIO	CN	OH-WEST CARROLLTON-143 S ELM ST ---SERVICE RENEWAL	01/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	52	\$1.06	\$55	\$0.39	\$20	\$1,786	\$744	\$2,605	\$5.94	\$309	\$2.16	\$113	\$970	\$557	\$1,948	\$364	\$133	\$2,756	\$1,301	\$4,554	
9564855	GSRLPLSSS	OHIO	CN	OH-DAYTON-1259 PHILLIPS AVE ---RENEW SERVICE	01/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	59	\$1.06	\$62	\$0.39	\$23	\$1,786	\$748	\$2,620	\$5.94	\$351	\$2.16	\$128	\$970	\$579	\$2,028	\$413	\$150	\$2,756	\$1,328	\$4,647	
8248252	RESZG	OHIO	CN	OH-DAYTON-6050 MAD RIVER RD ---RESIZE GAS-1/18 AT 10A-H/L PASSED 1/14-MEET CONF	01/18/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077		
9353051	GSRLPLSSS	OHIO	FA	OH-XENIA-1225 JOHN WESLEY DR -CPG-GSRPLSSS---	01/20/13	MDPE	1.00 INCH	Main to Curb - Short Side	0	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451
9503906	GSRLPLSSS	OHIO	CN	OH-WAYNESVILLE-127 N NEW BURLINGTON RD --- NEED SERVICE RENEWED; HAS NOT HA	01/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	25	\$1.06	\$26	\$0.39	\$10	\$1,786	\$729	\$2,551	\$5.94	\$149	\$2.16	\$54	\$970	\$469	\$1,642	\$175	\$64	\$2,756	\$1,198	\$4,193	
9568007	GSRLPLSSS	OHIO	CN	OH-DAYTON-2276 LYNPARK AVE ---RENEW SERVICE	01/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	66	\$1.06	\$70	\$0.39	\$25	\$1,786	\$752	\$2,634	\$5.94	\$392	\$2.16	\$143	\$970	\$602	\$2,107	\$462	\$168	\$2,756	\$1,355	\$4,741	
9316980	GSRLPLSSS	OHIO	DW	OH-DAYTON-98 WALBROOK AVE --- RELOCATE SERVICE	01/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	68	\$1.06	\$72	\$0.39	\$26	\$1,786	\$754	\$2,638	\$5.94	\$404	\$2.16	\$147	\$970	\$609	\$2,130	\$476	\$173	\$2,756	\$1,362	\$4,768	
10876493	GSRLPLSL	OHIO	DW	OH-PHILLIPSBURG-31 N STATE ST BLDG ---	01/22/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	54	\$3.09	\$167	\$2.29	\$124	\$1,786	\$831	\$2,907	\$4.41	\$238	\$3.27	\$177	\$970	\$554	\$1,939	\$405	\$300	\$2,756	\$1,384	\$4,846	
9316853	GSRLPLSSS	OHIO	DW	OH-DAYTON-34 WALBROOK AVE --- RELOCATE SERVICE	01/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	145	\$1.06	\$153	\$0.39	\$56	\$1,786	\$798	\$2,793	\$5.94	\$862	\$2.16	\$314	\$970	\$558	\$3,004	\$1,015	\$370	\$2,756	\$1,656	\$5,797	
9726324	GSRLPLSSS	OHIO	DW	OH-TROTWOOD-324 HUNTSFORD PL ---GSRLPLSSS - (CROSS REF HUNTFORD)	01/23/13	MDPE	1.00 INCH	Curb to Meter	60	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$480	\$4.08	\$245	\$2,345	\$1,228	\$4,298	\$480	\$245	\$2,345	\$1,228	\$4,298	
9727054	GSRLPLSSS	OHIO	DW	OH-DAYTON-1920 STANLEY AVE ---	01/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	33	\$1.06	\$35	\$0.39	\$13	\$1,786	\$733	\$2,567	\$5.94	\$196	\$2.16	\$71	\$970	\$495	\$1,733	\$231	\$84	\$2,756	\$1,228	\$4,300	
9728712	GSRLPLSSS	OHIO	DW	OH-DAYTON-317 TRUDY AVE HSMTR ---	01/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	46	\$1.06	\$49	\$0.39	\$18	\$1,786	\$741	\$2,593	\$5.94	\$273	\$2.16	\$100	\$970	\$537	\$1,880	\$322	\$117	\$2,756	\$1,278	\$4,473	
8182320	RESZG	OHIO	FA	OH-DAYTON-429 WAYSIDE DR ---RESIZE GAS - H/L PASSED 1/18-REBUILD METER SETTING	01/23/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077		
9374096	GSRLPLSL	OHIO	TR	OH-PIQUA-1522 SWEET BRIAR AVE -CPG-GSRPLPLS---	01/24/13	MDPE	1.00 INCH	Curb to Meter	4	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$32	\$4.08	\$16	\$2,345	\$957	\$3,351	\$32	\$16	\$2,345	\$957	\$3,351	
9321555	RESZG	OHIO	DW	OH-WEST ALEXANDRIA-60 W DAYTON ST ---RESIZE GAS	01/24/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077		
9380230	GSRLPLSL	OHIO	CN	OH-CENTERVILLE-7740 WASHINGTON VILLAGE DR -CPG-GSRPLPLS --- -CPG-GSRPLPLS	01/25/13	MDPE	1.00 INCH	Curb to Meter	1	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$8	\$4.08	\$4	\$2,345	\$943	\$3,300	\$8	\$4	\$2,345	\$943	\$3,300	
9719371	GSRLPLSSS	OHIO	DW	OH-DAYTON-5209 FISHBURG RD ---	01/25/13	MDPE	1.00 INCH	Curb to Meter	43	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$344	\$4.08	\$175	\$2,345	\$1,146	\$4,010	\$344	\$175	\$2,345	\$1,146	\$4,010	
9566895	GSRLPLSSS	OHIO	CN	OH-WEST CARROLLTON-200 COSMOS DR ---SERVICE RENEWAL	01/25/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,982	\$385	\$140	\$2,756	\$1,413	\$4,594	
9729837	GSRLPLSSS	OHIO	DW	OH-TROTWOOD-4130 CEDAR BLUFF CIR ---	01/25/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	93	\$1.06	\$98	\$0.39	\$36	\$1,786	\$768	\$2,688	\$5.94	\$553	\$2.16	\$201	\$970	\$690	\$2,414	\$651	\$237	\$2,756	\$1,458	\$5,102	
9380080	GSRLPLSL	OHIO	CN	OH-DAYTON-405 S EUCLID AVE --- CURB VALVE IS BROKE	01/28/13	MDPE	1.00 INCH	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$0	\$4.08	\$0	\$2,345	\$938	\$3,283	\$0	\$0	\$2,345	\$938	\$3,283	
9566980	GSRLPLSSS	OHIO	CN	OH-KETTERING-1107 HOLLENDALE DR ---RENEW SERVICE	01/28/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$17	\$1,786	\$740	\$2,591	\$5.94	\$267	\$2.16	\$97	\$970	\$534	\$1,869	\$315	\$115	\$2,756	\$1,274	\$4,460	
9419451	GSRLPLSSS	OHIO	TR	OH-TIPP CITY-118 S SECOND ST -CPG-GSRPLSSS---RECHECK-LEAKDISC #9199418-LEAK-R	01/29/13	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$320	\$4.08	\$163	\$2,345	\$1,131	\$3,959	\$320	\$163	\$2,345	\$1,131	\$3,959	
10188133	GSRLPLSSS	OHIO	DW	OH-DAYTON-1491 BARTLEY RD -CPG-GSRPLSSS---	01/29/13	MDPE	1.00 INCH	Curb to Meter	91	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$728	\$4.08	\$371	\$2,345	\$1,378	\$4,822	\$728	\$371	\$2,345	\$1,378	\$4,822	
9723732	GSRLPLSSS	OHIO	CN	OH-MORAIN-3655 CLEARVIEW RD ---RENEWED SERVICE	01/29/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	69	\$1.06	\$73	\$0.39	\$27	\$1,786	\$754	\$2,640	\$5.94	\$410	\$2.16	\$149	\$970	\$612	\$2,141	\$483	\$176	\$2,756	\$1,366	\$4,781	
9571185	GSRLPLSSS	OHIO	CN	OH-DAYTON-330 NORTH VILLAGE DRIVE ---RENEW SERVICE	01/29/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	76	\$1.06	\$80	\$0.39	\$29	\$1,786	\$758	\$2,654	\$5.94	\$452	\$2.16	\$165	\$970	\$634	\$2,221	\$532	\$194	\$2,756	\$1,393	\$4,875	
9723978	GSRLPLSSS	OHIO	DW	OH-DAYTON-723 N KEOWEE ST ---	01/30/13	MDPE	1.00 INCH	Curb to Meter	22	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$176	\$4.08	\$90	\$2,345	\$1,044	\$3,655	\$176	\$90	\$2,345	\$1,044	\$3,655	
9555183	GSRLPLSSS	OHIO	FA	OH-FAIRBORN-301 MANN AVE ---CPG-LEAKDISC #9421571	01/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	63	\$1.06	\$67	\$0.39	\$24	\$1,786	\$751	\$2,628	\$5.94	\$374	\$2.16	\$136	\$970	\$592	\$2,073	\$441	\$161	\$2,756	\$1,343	\$4,701	
9560623	GSRLPLSSS	OHIO	FA	OH-FAIRBORN-309 MANN AVE --- CPG-LEAK DISC #9421570	01/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	68	\$1.06	\$72	\$0.39	\$26	\$1,786	\$754	\$2,638	\$5.94	\$404	\$2.16	\$147	\$970	\$609	\$2,130	\$476	\$173	\$2,756	\$1,362	\$4,768	
9567970	GSRLPLSSS	OHIO	CN	OH-CENTERVILLE-15 IRONGATE PARK DR ---RENEW SERVICE	01/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	82	\$1.06	\$87	\$0.39	\$32	\$1,786	\$762	\$2,666	\$5.94	\$487	\$2.16	\$178	\$970	\$654	\$2,289	\$574	\$209	\$2,756	\$1,416	\$4,955	
9547706	GSRLPLSL	OHIO	WC	OH-WILMINGTON-831 N SOUTH ST --- LEAK DISC #9427423	01/31/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	77	\$3.09	\$238	\$2.29	\$176	\$1,786	\$880	\$3,080	\$4.41	\$340	\$3.27	\$252	\$970	\$625	\$2,186	\$578	\$428	\$2,756	\$1,505	\$5,266	
9661273	GSRLPLSSS	OHIO	TR	OH-PIQUA-739 S DOWNING ST ---CPG-LEAKDISC #9424																									

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):										\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322				
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Main to Curb (Non-Incremental)						Curb to Meter (Incremental)						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
9316954	GSRPLPSS	OHIO	DW	OH-DAYTON-52 WALBROOK AVE -- RELOCATE SERVICE	02/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	65	\$1.06	\$69	\$0.39	\$25	\$1,786	\$752	\$2,632	\$5.94	\$386	\$2.16	\$141	\$970	\$599	\$2,096	\$455	\$166	\$2,756	\$1,351	\$4,727
9317204	GSRPLPSS	OHIO	DW	OH-DAYTON-136 WALBROOK AVE -- RELOCATE SERVICE	02/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	66	\$1.06	\$70	\$0.39	\$25	\$1,786	\$752	\$2,634	\$5.94	\$392	\$2.16	\$143	\$970	\$602	\$2,107	\$462	\$168	\$2,756	\$1,355	\$4,741
8278376	RESZG	OHIO	FA	OH-FAIRBORN-404 BELLAIRE DR -- RESIZE GAS- HAL PASSED 2/1	02/12/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
9474575	GSRPLSSS	OHIO	DW	OH-EATON-INTERSECTION 130 S MAPLE & E WADSWORTH -CPG-GSRPLSSS---GSRPLSSS A	02/13/13	MDPE	1.00 INCH	Curb to Meter	31	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$248	\$4.08	\$126	\$2,345	\$1,088	\$3,807	\$248	\$126	\$2,345	\$1,088	\$3,807
9474792	GSRPLSSS	OHIO	FA	OH-DAYTON-1328 SANFORD DR -CPG-GSRPLSSS---	02/13/13	MDPE	1.00 INCH	Curb to Meter	36	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$288	\$4.08	\$147	\$2,345	\$1,112	\$3,892	\$288	\$147	\$2,345	\$1,112	\$3,892
9326863	GSRPLPSS	OHIO	DW	OH-DAYTON-1 WALBROOK AVE -- RELOCATE SERVICE	02/13/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	40	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$238	\$2.16	\$87	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393
9318036	GSRPLPSS	OHIO	DW	OH-DAYTON-23 WALBROOK AVE -- RELOCATE SERVICE	02/13/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	40	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$238	\$2.16	\$87	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393
8227053	GSRPLSSS	OHIO	FA	OH-DAYTON-4880 ANDES DR -- SVC RENEWAL	02/13/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	47	\$1.06	\$50	\$0.39	\$18	\$1,786	\$742	\$2,595	\$5.94	\$279	\$2.16	\$102	\$970	\$540	\$1,892	\$329	\$120	\$2,756	\$1,282	\$4,487
9316875	GSRPLPSS	OHIO	DW	OH-DAYTON-36 WALBROOK AVE -- RELOCATE SERVICE	02/13/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	97	\$1.06	\$103	\$0.39	\$37	\$1,786	\$770	\$2,696	\$5.94	\$576	\$2.16	\$210	\$970	\$703	\$2,459	\$679	\$247	\$2,756	\$1,473	\$5,155
9718710	GSRPLSSS	OHIO	CN	OH-CENTERVILLE-5445 RED COACH RD LOT --CPG	02/14/13	MDPE	1.00 INCH	Curb to Meter	105	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$840	\$4.08	\$428	\$2,345	\$1,445	\$5,059	\$840	\$428	\$2,345	\$1,445	\$5,059
9491018	GSRPLSSS	OHIO	DW	OH-LEWISBURG-140 E NORTH WATER ST -CPG-GSRPLSSS---LEAK-REPAIR-CPG-GSRPLSS	02/14/13	MDPE	1.00 INCH	Main to Curb - Short Side	0	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451
9559876	GSRPLPSS	OHIO	TR	OH-TROY-149 S RIDGE AVE --CPG-LEAKDISC #9484994	02/14/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	20	\$1.06	\$21	\$0.39	\$8	\$1,786	\$726	\$2,541	\$5.94	\$119	\$2.16	\$43	\$970	\$453	\$1,585	\$140	\$51	\$2,756	\$1,179	\$4,126
9490132	GSRPLSSS	OHIO	FA	OH-DAYTON-1324 SANFORD DR -CPG-GSRPLSSS---	02/14/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	33	\$1.06	\$35	\$0.39	\$13	\$1,786	\$733	\$2,567	\$5.94	\$196	\$2.16	\$71	\$970	\$495	\$1,733	\$231	\$84	\$2,756	\$1,228	\$4,300
9491683	GSRPLPSS	OHIO	FA	OH-XENIA-997 MCDOWELL ST -CPG-GSRPLPSS---OUPS CLEARS 2/14/13 @ 3:30 PM-CPG-GS	02/15/13	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$256	\$4.08	\$131	\$2,345	\$1,093	\$3,824	\$256	\$131	\$2,345	\$1,093	\$3,824
9571443	GSRPLSSS	OHIO	TR	OH-TROY-725 HICKORY HOLLOW RD BLDG --CPG-LEAKDISC #9489773	02/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	52	\$1.06	\$55	\$0.39	\$20	\$1,786	\$744	\$2,605	\$5.94	\$309	\$2.16	\$113	\$970	\$557	\$1,948	\$364	\$133	\$2,756	\$1,301	\$4,554
8215050	GSRPLSSS	OHIO	FA	OH-DAYTON-1236 GRIDLEY AVE --SRV RENEWAL	02/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	63	\$1.06	\$67	\$0.39	\$24	\$1,786	\$751	\$2,628	\$5.94	\$374	\$2.16	\$136	\$970	\$592	\$2,073	\$441	\$161	\$2,756	\$1,343	\$4,701
9697548	GSRPLSSS	OHIO	FA	OH-DAYTON-398 WENDELL DR HSMTR --LEAK-LEAKDISC	02/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	73	\$1.06	\$77	\$0.39	\$28	\$1,786	\$757	\$2,648	\$5.94	\$434	\$2.16	\$158	\$970	\$625	\$2,187	\$511	\$186	\$2,756	\$1,381	\$4,834
9571513	GSRPLSSS	OHIO	TR	OH-TROY-211 S RIDGE AVE BLDG --CPG-LEAKDISC #9489774	02/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	79	\$1.06	\$84	\$0.39	\$30	\$1,786	\$760	\$2,660	\$5.94	\$469	\$2.16	\$171	\$970	\$644	\$2,255	\$553	\$201	\$2,756	\$1,404	\$4,915
9303078	RESZG	OHIO	TR	OH-VERSAILLES-770 N CENTER ST --RESIZE GAS	02/15/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
9502849	GSRPLSLs	OHIO	DW	OH-TROTWOOD-167 MORGAN AVE -CPG-GSRPLSLs---CPG-GSRPLSLs (167 & 169)	02/16/13	MDPE	1.00 INCH	Curb to Meter	50.6	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$405	\$4.08	\$206	\$2,345	\$1,182	\$4,139	\$405	\$206	\$2,345	\$1,182	\$4,139
9495995	GSRPLSSS	OHIO	DW	OH-DAYTON-265 AIR ST -CPG-GSRPLSSS---CPG-GSRPLSSS	02/16/13	MDPE	1.00 INCH	Curb to Meter	4	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$32	\$4.08	\$16	\$2,345	\$957	\$3,351	\$32	\$16	\$2,345	\$957	\$3,351
9497209	GSRPLSSS	OHIO	FA	OH-FAIRBORN-1834 NORTH BLVD -CPG-GSRPLSSS---OUPS CLEARS 2-15-13 1:35PM-CPG-G	02/18/13	MDPE	1.00 INCH	Curb to Meter	46	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$368	\$4.08	\$188	\$2,345	\$1,160	\$4,061	\$368	\$188	\$2,345	\$1,160	\$4,061
9497466	GSRPLPSS	OHIO	FA	OH-XENIA-583 S COLUMBUS ST -CPG-GSRPLPSS---	02/18/13	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$360	\$4.08	\$184	\$2,345	\$1,155	\$4,044	\$360	\$184	\$2,345	\$1,155	\$4,044
9583890	GSRPLSLs	OHIO	DW	OH-DAYTON-1714 WOODHAVEN DR --LEAK-REPAIR-CPG-GSRPLSLs (SVC REPLACED SAM	02/18/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	37.5	\$3.09	\$116	\$2.29	\$86	\$1,786	\$795	\$2,783	\$4.41	\$165	\$3.27	\$123	\$970	\$503	\$1,761	\$281	\$209	\$2,756	\$1,298	\$4,544
9474127	GSRPLSLs	OHIO	WC	OH-WASHINGTON COURT HOUSE-729 LEESBURG AVE -- RENEW GAS SERVICE	02/18/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	88	\$3.09	\$272	\$2.29	\$202	\$1,786	\$904	\$3,163	\$4.41	\$388	\$3.27	\$288	\$970	\$658	\$2,304	\$660	\$489	\$2,756	\$1,562	\$5,467
9474128	GSRPLSLs	OHIO	WC	OH-WASHINGTON COURT HOUSE-731 LEESBURG AVE -- RUN NEW LONG GAS SERVICE & I	02/18/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	88	\$3.09	\$272	\$2.29	\$202	\$1,786	\$904	\$3,163	\$4.41	\$388	\$3.27	\$288	\$970	\$658	\$2,304	\$660	\$489	\$2,756	\$1,562	\$5,467
9703622	GSRPLSSS	OHIO	FA	OH-MEDWAY-16 OAKLAWN AVE -- DISC #9492103	02/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	56	\$1.06	\$59	\$0.39	\$22	\$1,786	\$747	\$2,613	\$5.94	\$333	\$2.16	\$121	\$970	\$570	\$1,994	\$392	\$143	\$2,756	\$1,316	\$4,607
9499350	GSRPLSSS	OHIO	DW	OH-FARMERSVILLE-103 CENTER ST -CPG-GSRPLSSS---LEAK-REPAIR-CPG-GSRPLSSS	02/19/13	MDPE	1.00 INCH	Curb to Meter	66	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$528	\$4.08	\$269	\$2,345	\$1,257	\$4,399	\$528	\$269	\$2,345	\$1,257	\$4,399
9571850	GSRPLSSS	OHIO	TR	OH-SIDNEY-853 S OHIO AVE --CPG-LEAKDISC #9496818	02/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	47	\$1.06	\$50	\$0.39	\$18	\$1,786	\$742	\$2,595	\$5.94	\$279	\$2.16	\$102	\$970	\$540	\$1,892	\$329	\$120	\$2,756	\$1,282	\$4,487
9498888	GSRPLSLs	OHIO	DW	OH-DAYTON-1719 WOODHAVEN DR -CPG-GSRPLSLs---LEAK-REPAIR-CPG-GSRPLSLs	02/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	8.6	\$1.06	\$9	\$0.39	\$3	\$1,786	\$719	\$2,518	\$5.94	\$51	\$2.16	\$19	\$970	\$416	\$1,456	\$60	\$22	\$2,756	\$1,135	\$3,973
9574862	GSRPLSSS	OHIO	CN	OH-GERMANTOWN-126 S HILLCREST DR --RENEW SERVICE	02/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	6.5	\$1.06	\$69	\$0.39	\$25	\$1,786	\$752	\$2,632	\$5.94	\$386	\$2.16	\$141	\$970	\$599	\$2,096	\$455	\$166	\$2,756	\$1,351	\$4,727
18164112	GSRPLSSS	OHIO	FA	OH-DAYTON-6016 HENDON AVE --SVC RENEWAL	02/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	76	\$1.06	\$80	\$0.39	\$29	\$1,786	\$758	\$2,654	\$5.94	\$452	\$2.16	\$165	\$970	\$634	\$2,221	\$532	\$194	\$2,756	\$1,393	\$4,875
9461462	RESZG	OHIO	BF	OH-HUNTSVILLE-6902 TWP 95 --RESIZE GAS SVR	02/19/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0															

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322			
										Main to Curb (Non-Incremental)							Curb to Meter (Incremental)							Main to Curb + Curb to Meter					
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	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	
9729092	GSRLPLSS	OHIO	TR	OH-MINSTER-213 S GARFIELD ST BLDG --CPG-LEAKDISC #9571220	03/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	58	\$1.06	\$61	\$0.39	\$22	\$1,786	\$748	\$2,617	\$5.94	\$345	\$2.16	\$126	\$970	\$576	\$2,016	\$406	\$148	\$2,756	\$1,324	\$4,634	
8205119	GSRLPLSS	OHIO	FA	OH-DAYTON-1670 NORTHDAL RD --SVC RENEWAL	03/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	77	\$1.06	\$81	\$0.39	\$30	\$1,786	\$759	\$2,656	\$5.94	\$458	\$2.16	\$167	\$970	\$638	\$2,232	\$539	\$196	\$2,756	\$1,397	\$4,888	
9758655	GSRLPLSS	OHIO	CN	OH-WEST CARROLLTON-248 TULIP DRIVE -CPG-GSRPLSSS---	03/06/13	MDPE	1.00 INCH	Curb to Meter	58	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$464	\$4.08	\$237	\$2,345	\$1,218	\$4,264	\$464	\$237	\$2,345	\$1,218	\$4,264	
9553869	GSRLPLSL	OHIO	DW	OH-DAYTON-222 HENRY ST -- SERV RENEWAL	03/06/13	MDPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893
9740003	GSRLPLSS	OHIO	WC	OH-PORT WILLIAM-414 GALLIMORE RD BLDG --CPG	03/06/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	25	\$1.06	\$26	\$0.39	\$10	\$1,786	\$729	\$2,551	\$5.94	\$149	\$2.16	\$54	\$970	\$469	\$1,642	\$175	\$64	\$2,756	\$1,198	\$4,419	
9847002	GSRLPLSS	OHIO	DW	OH-VANDALIA-1032 ALKALINE SPRINGS RD --CPG-LEAKDISC #9573892	03/06/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	44	\$1.06	\$47	\$0.39	\$17	\$1,786	\$740	\$2,589	\$5.94	\$261	\$2.16	\$95	\$970	\$531	\$1,857	\$308	\$112	\$2,756	\$1,270	\$4,447	
9849036	GSRLPLSS	OHIO	DW	OH-DAYTON-2127 TROY ST --CPG-LEAKDISC #9577053	03/07/13	MDPE	1.00 INCH	Curb to Meter	99	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$792	\$4.08	\$404	\$2,345	\$1,416	\$4,957	\$792	\$404	\$2,345	\$1,416	\$4,957	
9583940	GSRLPLSL	OHIO	DW	OH-DAYTON-224 HENRY ST -CPG-GSRPLSLSS---LEAK-REPAIR-CPG-GSRPLSL	03/07/13	MDPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893
9582261	GSRLPLSL	OHIO	DW	OH-DAYTON-135 OXFORD AVE --CPG-LEAK DISC #6762147	03/07/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	10	\$3.09	\$31	\$2.29	\$23	\$1,786	\$736	\$2,576	\$4.41	\$44	\$3.27	\$33	\$970	\$419	\$1,466	\$75	\$56	\$2,756	\$1,155	\$4,041	
9849553	GSRLPLSL	OHIO	DW	OH-DAYTON-130 OXFORD AVE --LEAK DISC #9572482	03/07/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	81	\$3.09	\$250	\$2.29	\$186	\$1,786	\$889	\$3,111	\$4.41	\$357	\$3.27	\$265	\$970	\$637	\$2,229	\$608	\$450	\$2,756	\$1,526	\$5,339	
9573491	GSRLPLSL	OHIO	CN	OH-DAYTON-34 S UPLAND --RENEW COMPANY SERVICE - NEEDS OUPS	03/07/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	82	\$3.09	\$253	\$2.29	\$188	\$1,786	\$891	\$3,118	\$4.41	\$362	\$3.27	\$268	\$970	\$640	\$2,240	\$615	\$456	\$2,756	\$1,531	\$5,355	
9579474	GSRLPLSL	OHIO	DW	OH-DAYTON-134 OXFORD AVE -- CPG-RENEW SERVICE	03/07/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	82	\$3.09	\$253	\$2.29	\$188	\$1,786	\$891	\$3,118	\$4.41	\$362	\$3.27	\$268	\$970	\$640	\$2,240	\$615	\$456	\$2,756	\$1,531	\$5,358	
9322376	RELOG	OHIO	DW	OH-DAYTON-6641 SPOKANE DR --RELOCATE GAS	03/07/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	36	\$1.06	\$38	\$0.39	\$14	\$1,786	\$735	\$2,573	\$5.94	\$214	\$2.16	\$78	\$970	\$505	\$1,767	\$252	\$92	\$2,756	\$1,240	\$4,340	
9467219	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-812 S MAIN ST -- UNSAFE METER LOCATION -	03/07/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661	
9753747	GSRLPLSS	OHIO	CN	OH-CENTERVILLE-1415 BIMINI DR --CPG	03/07/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	61	\$1.06	\$64	\$0.39	\$23	\$1,786	\$750	\$2,624	\$5.94	\$363	\$2.16	\$132	\$970	\$586	\$2,050	\$427	\$156	\$2,756	\$1,335	\$4,674	
8620998	RESZG	OHIO	FA	OH-XENIA-695 WYCLIFFE DR UNIT A--RESZG	03/07/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
9194339	RESZG	OHIO	FA	OH-BEAVERCREEK-118 PLUM ST --RESIZE GAS - H/L PASSED 2/15	03/07/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
9584237	GSRLPLSL	OHIO	FA	OH-KETTERING-2388 CAREW AVE -CPG-GSRPLSLSS---CPG-GSRPLSL	03/08/13	MDPE	1.00 INCH	Curb to Meter	3	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$24	\$4.08	\$12	\$2,345	\$952	\$3,334	\$24	\$12	\$2,345	\$952	\$3,334	
9583525	GSRLPLSL	OHIO	DW	OH-DAYTON-204 HENRY ST -CPG-GSRPLSLSS---LEAK-REPAIR-CPG-GSRPLSL	03/08/13	MDPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893
8188162	GSRLPLSS	OHIO	FA	OH-DAYTON-5045 HAVERFIELD RD -- SERV RENEWAL	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	23	\$1.06	\$24	\$0.39	\$9	\$1,786	\$728	\$2,547	\$5.94	\$137	\$2.16	\$50	\$970	\$463	\$1,619	\$161	\$59	\$2,756	\$1,190	\$4,166	
9697604	GSRLPLSS	OHIO	TR	OH-SIDNEY-118 E SOUTH ST --CPG-LEAKDISC #9581803	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	37	\$1.06	\$39	\$0.39	\$14	\$1,786	\$736	\$2,575	\$5.94	\$220	\$2.16	\$80	\$970	\$508	\$1,778	\$259	\$94	\$2,756	\$1,244	\$4,353	
9848082	GSRLPLSS	OHIO	DW	OH-TROTWOOD-10 CARMA DR --LEAK DISC #9581645	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	37	\$1.06	\$39	\$0.39	\$14	\$1,786	\$736	\$2,575	\$5.94	\$220	\$2.16	\$80	\$970	\$508	\$1,778	\$259	\$94	\$2,756	\$1,244	\$4,353	
9583662	GSRLPLSS	OHIO	FA	OH-FAIRBORN-99 DELLWOOD AVE -CPG-GSRPLSSS---OUPS CLEAR 2-19-13 AT 1:00PM-CPG	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	30	\$1.06	\$32	\$0.39	\$12	\$1,786	\$732	\$2,561	\$5.94	\$178	\$2.16	\$65	\$970	\$485	\$1,699	\$210	\$77	\$2,756	\$1,217	\$4,260	
9782673	GSRLPLSS	OHIO	CN	OH-DAYTON-340 MONTERAY AVE HSMTR --CPG	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	20	\$1.06	\$21	\$0.39	\$8	\$1,786	\$726	\$2,541	\$5.94	\$119	\$2.16	\$43	\$970	\$453	\$1,585	\$140	\$51	\$2,756	\$1,179	\$4,126	
9752948	GSRLPLSS	OHIO	CN	OH-CENTERVILLE-7610 BIGGER RD BLDG --CPG	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	53	\$1.06	\$56	\$0.39	\$20	\$1,786	\$745	\$2,607	\$5.94	\$315	\$2.16	\$115	\$970	\$560	\$1,960	\$371	\$135	\$2,756	\$1,305	\$4,567	
9577108	GSRLPLSS	OHIO	TR	OH-SIDNEY-225 FRANKLIN AVE -- NEXT DAY SERVICE REPLACEMENT	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	54	\$1.06	\$57	\$0.39	\$21	\$1,786	\$746	\$2,609	\$5.94	\$321	\$2.16	\$117	\$970	\$563	\$1,971	\$378	\$138	\$2,756	\$1,309	\$4,580	
9740479	GSRLPLPS	OHIO	FA	OH-NEW CARLISLE-1022 BITTERSWEET DR --CPG-LEAKDISC #9581644	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	82	\$1.06	\$87	\$0.39	\$32	\$1,786	\$762	\$2,666	\$5.94	\$487	\$2.16	\$178	\$970	\$654	\$2,289	\$420	\$153	\$2,756	\$1,416	\$5,065	
9848905	GSRLPLSS	OHIO	DW	OH-CAMDEN-119 S LIBERTY ST --CPG-LEAKDISC #9581725	03/08/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	106	\$1.06	\$112	\$0.39	\$41	\$1,786	\$776	\$2,714	\$5.94	\$630	\$2.16	\$229	\$970	\$732	\$2,561	\$742	\$270	\$2,756	\$1,507	\$5,276	
9430498	RESZG	OHIO	TR	OH-GREENVILLE-1453 WAGNER AVE UNIT A-- RESZG	03/08/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
9620472	GSRLPLSL	OHIO	CN	OH-RENEWED	03/09/13	MDPE	1.00 INCH	Curb to Meter	5.7	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$46	\$4.08	\$23	\$2,345	\$966	\$3,379	\$46	\$23	\$2,345	\$966	\$3,379	
9622511	GSRLPLSS	OHIO	TR	OH-ST. PARIS-128 W POPLAR ST--CPG-LEAKDISC #9596998	03/09/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	46	\$1.06	\$49	\$0.39	\$18	\$1,786	\$741	\$2,593	\$5.94	\$273	\$2.16	\$100	\$970	\$537	\$1,880	\$322	\$117	\$2,756	\$1,278	\$4,473	
9621698	GSRLPLSL	OHIO	DW	OH-HUBER HEIGHTS-6345 LONGFORD RD -CPG-GSRPLSSS---CPG-GSRPLSL	03/10/13	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$336	\$4.08	\$171	\$2,345	\$1,141	\$3,993	\$336	\$171	\$2,345	\$1,141	\$3,993	
9596890	GSRLPLSS	OHIO	DW	OH-HUBER HEIGHTS-7100 MOBERLY -CPG-GSRPLSSS---CPG-GSRPLSSS	03/10/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$550	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527	
9766198	GSRLPLSS	OHIO	FA	OH-CENTERVILLE-10416 STREAM PARK DR --	03/11/13	MDPE	1.00 INCH	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$0	\$4.08	\$0	\$2,345	\$938	\$3,283	\$0	\$0	\$2,345	\$938	\$3,283	
9772647	GSRLPLSS	OHIO	FA	OH-CENTERVILLE-10408 STREAM PARK DR --	03/11/13	MDPE	1.00 INCH	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00												

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s)	\$130	\$76	\$2,256	\$985	\$3,448		\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322		
										Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Main to Curb + Curb to Meter								
										Labor cost/tf	Labor cost	Misc cost/tf	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/tf	Labor cost	Misc cost/tf	Misc cost	Overhead cost	Subtotal curb to meter	Total labor cost	Total Mat'l cost	Total misc cost	Total Overhead cost	Total all costs		
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length																			
9739026	GSRPLRLS	OHIO	TR	OH-CASSTOWN-206 N MAIN ST ---CPG-LEAKDISC #9653998	03/20/13	MDPE	1.00 INCH	Curb to Meter	26	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$208	\$4.08	\$106	\$2,345	\$1,064	\$3,723	\$208	\$106	\$2,345	\$1,064	\$3,723
9497661	RESZG	OHIO	DW	OH-DAYTON-540R CHAMBERSBURG RD -- RESIZE GAS	03/20/13	MDPE	1.00 INCH	Main to Meter - Long Side Over 200 feet	210	\$3.09	\$649	\$0.92	\$193	\$1,786	\$1,051	\$3,679	\$4.41	\$926	\$1.31	\$275	\$970	\$869	\$3,040	\$1,575	\$468	\$2,756	\$1,920	\$6,719
9491034	GSRPLRLS	OHIO	CN	OH-GERMANTOWN-28 N CHERRY ST --RENEW SERVICE--	03/20/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	5	\$3.09	\$15	\$2.29	\$11	\$1,786	\$725	\$2,538	\$4.41	\$22	\$3.27	\$16	\$970	\$403	\$1,412	\$38	\$28	\$2,756	\$1,129	\$3,659
9491044	GSRPLRLS	OHIO	CN	OH-GERMANTOWN-18 N CHERRY ST --RENEW SERVICE--	03/20/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	65	\$3.09	\$201	\$2.29	\$149	\$1,786	\$854	\$2,990	\$4.41	\$287	\$3.27	\$213	\$970	\$588	\$2,057	\$488	\$361	\$2,756	\$1,442	\$5,047
9491042	GSRPLRLS	OHIO	CN	OH-GERMANTOWN-26 N CHERRY ST --RENEW SERVICE--	03/20/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	72	\$3.09	\$222	\$2.29	\$165	\$1,786	\$869	\$3,043	\$4.41	\$318	\$3.27	\$235	\$970	\$609	\$2,132	\$540	\$400	\$2,756	\$1,479	\$5,175
9491045	GSRPLRLS	OHIO	CN	OH-GERMANTOWN-114 E MARKET ST --RENEW SERVICE--	03/20/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	113	\$3.09	\$349	\$2.29	\$259	\$1,786	\$958	\$3,352	\$4.41	\$498	\$3.27	\$369	\$970	\$735	\$2,573	\$848	\$628	\$2,756	\$1,693	\$5,924
9752139	GSRPLSSS	OHIO	FA	OH-XENIA-1035 MEADOW LN --- REPLACE METER SETTING. TREE HAS GROWN INTO METE	03/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	5	\$1.06	\$5	\$0.39	\$2	\$1,786	\$717	\$2,510	\$5.94	\$30	\$2.16	\$11	\$970	\$404	\$1,415	\$35	\$13	\$2,756	\$1,122	\$3,925
9491056	GSRPLPSS	OHIO	CN	OH-GERMANTOWN-48 E MARKET ST --RENEW SERVICE--	03/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	21	\$1.06	\$22	\$0.39	\$8	\$1,786	\$727	\$2,543	\$5.94	\$125	\$2.16	\$45	\$970	\$456	\$1,596	\$147	\$54	\$2,756	\$1,183	\$4,139
9491055	GSRPLPSS	OHIO	CN	OH-GERMANTOWN-11 N CHERRY ST --RENEW SERVICE--	03/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	29	\$1.06	\$31	\$0.39	\$11	\$1,786	\$731	\$2,559	\$5.94	\$172	\$2.16	\$63	\$970	\$462	\$1,687	\$203	\$74	\$2,756	\$1,213	\$4,246
9656706	GSRPLSSS	OHIO	DW	OH-DAYTON-620 HALL AVE -CPG-GSRPLSSS---CPG-GSRPLSSS	03/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	34	\$1.06	\$32	\$0.39	\$12	\$1,786	\$728	\$2,561	\$5.94	\$178	\$2.16	\$63	\$970	\$462	\$1,687	\$203	\$74	\$2,756	\$1,213	\$4,246
9320704	GSRPLPSS	OHIO	TR	OH-TIPP CITY-20 WILHELM ST --RENEW SERVICE--	03/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661
9650924	GSRPLSLSS	OHIO	FA	OH-DAYTON-1833 HAZEL -CPG-GSRPLSLSS---CPG-GSRPLSLSS	03/21/13	MDPE	1.00 INCH	Main to Curb - Long Side	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893	
9869146	GSRPLSLSS	OHIO	DW	OH-DAYTON-160 HENRY ST ---	03/21/13	MDPE	1.00 INCH	Main to Curb - Long Side	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893	
9342519	RELOG	OHIO	CN	OH-DAYTON-																								

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):

\$130

\$76

\$2,256

\$985

\$3,448

\$552

\$259

\$1,956

\$1,107

\$3,874

\$682

\$336

\$4,212

\$2,092

\$7,322

										Main to Curb (Non-Incremental)							Curb to Meter (Incremental)							Main to Curb + Curb to Meter				
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	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
9846838	GSRPLSL	OHIO	DW	OH-HARRISON-4609 S WIRE DR --CPG-LEAKDISC #9725561	04/01/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	34	\$3.09	\$105	\$2.29	\$78	\$1,786	\$788	\$2,757	\$4.41	\$150	\$3.27	\$111	\$970	\$492	\$1,724	\$255	\$189	\$2,756	\$1,280	\$4,480
9794097	GSRPLSL	OHIO	FA	OH-FAIRBORN-102 E WHITTIER AVE --LEAK DISC #9792870	04/01/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	80	\$3.09	\$247	\$2.29	\$183	\$1,786	\$887	\$3,103	\$4.41	\$353	\$3.27	\$262	\$970	\$634	\$2,218	\$600	\$445	\$2,756	\$1,520	\$5,321
9793897	GSRPLSS	OHIO	FA	OH-CLIFTON-4 S CLAY ST --LEAK DISC #9724652	04/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	16	\$1.06	\$17	\$0.39	\$6	\$1,786	\$724	\$2,533	\$5.94	\$95	\$2.16	\$35	\$970	\$440	\$1,540	\$112	\$41	\$2,756	\$1,164	\$4,072
9727300	GSRPLSS	OHIO	DW	OH-WEST ALEXANDRIA-72 W DAYTON ST --	04/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	30	\$1.06	\$32	\$0.39	\$12	\$1,786	\$732	\$2,561	\$5.94	\$178	\$2.16	\$65	\$970	\$485	\$1,699	\$210	\$77	\$2,756	\$1,217	\$4,260
9852194	GSRPLSS	OHIO	DW	OH-DAYTON-6351 LONGFORD RD --CPG-LEAKDISC #9725553	04/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	38	\$1.06	\$40	\$0.39	\$15	\$1,786	\$736	\$2,577	\$5.94	\$228	\$2.16	\$82	\$970	\$511	\$1,789	\$266	\$97	\$2,756	\$1,248	\$4,366
9782170	GSRPLSS	OHIO	CN	OH-DAYTON-821 HEINCKE RD REAR --CPG	04/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	65	\$1.06	\$69	\$0.39	\$25	\$1,786	\$752	\$2,632	\$5.94	\$386	\$2.16	\$141	\$970	\$599	\$2,096	\$455	\$166	\$2,756	\$1,351	\$4,727
9778746	GSRPLSS	OHIO	CN	OH-CENTERVILLE-1012 ACREVIEW CT --CPG	04/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	136	\$1.06	\$144	\$0.39	\$52	\$1,786	\$793	\$2,775	\$5.94	\$808	\$2.16	\$294	\$970	\$829	\$2,902	\$952	\$347	\$2,756	\$1,622	\$5,677
9726230	GSRPLSL	OHIO	WC	OH-WILMINGTON-690 N SOUTH ST --CPG-LEAK DISC #9872302-SERVICE RENEWAL	04/02/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	66	\$3.09	\$204	\$2.29	\$151	\$1,786	\$856	\$2,998	\$4.41	\$291	\$3.27	\$216	\$970	\$591	\$2,068	\$495	\$367	\$2,756	\$1,447	\$5,065
9794291	GSRPLSL	OHIO	FA	OH-XENIA-1230 ARLINGTON DR --LEAK DISC #9728511	04/02/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	76	\$3.09	\$235	\$2.29	\$174	\$1,786	\$878	\$3,073	\$4.41	\$335	\$3.27	\$248	\$970	\$621	\$2,175	\$570	\$423	\$2,756	\$1,499	\$5,248
9849189	GSRPLSS	OHIO	DW	OH-DAYTON-57 DRUMMER AVE --CPG-LEAKDISC #9709608	04/02/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	26	\$1.06	\$27	\$0.39	\$10	\$1,786	\$729	\$2,553	\$5.94	\$155	\$2.16	\$56	\$970	\$472	\$1,653	\$182	\$66	\$2,756	\$1,202	\$4,206
9731009	GSRPLSL	OHIO	CN	OH-DAYTON-MEDFORD ST & FOURMAN CT -CPG-GSRPLSL--OUPS CLEARS FOR EARLY R	04/02/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$550	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527
9778010	GSRPLSS	OHIO	CN	OH-MIAMISBURG-1014 NETTIE DR --CPG	04/02/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	99	\$1.06	\$105	\$0.39	\$38	\$1,786	\$772	\$2,700	\$5.94	\$588	\$2.16	\$214	\$970	\$709	\$2,462	\$693	\$252	\$2,756	\$1,481	\$5,182
9732262	GSRPLSL	OHIO	FA	OH-DAYTON-1841 CULVER CT -CPG-GSRPLSL--CPG-GSRPLSL	04/03/13	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$360	\$4.08	\$184	\$2,345	\$1,155	\$4,044	\$360	\$184	\$2,345	\$4,044	
9490038	RELOG	OHIO	TR	OH-TIPP CITY-26 S SECOND ST --RESIZE/RELO GAS SVR	04/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	29	\$1.06	\$21	\$0.39	\$8	\$1,786	\$726	\$2,541	\$5.94	\$119	\$2.16	\$43	\$970	\$453	\$1,585	\$140	\$51	\$2,756	\$1,179	\$4,126
9794420	GSRPLSS	OHIO	CN	OH-DAYTON-1409 OHMER ST --LEAK DISC #1296583	04/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	34	\$1.06	\$36	\$0.39	\$13	\$1,786	\$734	\$2,569	\$5.94	\$202	\$2.16	\$74	\$970	\$498	\$1,744	\$238	\$87	\$2,756	\$1,232	\$4,313
9786834	GSRPLSS	OHIO	CN	OH-KETTERING-1950 OAKCROFT CIR --CPG	04/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,038	\$420	\$153	\$2,756	\$1,332	\$4,661
9794506	GSRPLSS	OHIO	WC	OH-PORT WILLIAM-239 MAIN --LEAK DISC #9730966	04/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	54	\$1.06	\$57	\$0.39	\$21	\$1,786	\$746	\$2,609	\$5.94	\$321	\$2.16	\$117	\$970	\$563	\$1,971	\$378	\$138	\$2,756	\$1,309	\$4,580
9799346	GSRPLSL	OHIO	FA	OH-FAIRBORN-451 - 453 OAKLAWN DR --LEAK DISC #9734749	04/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	20	\$1.06	\$21	\$0.39	\$8	\$1,786	\$726	\$2,541	\$5.94	\$119	\$2.16	\$43	\$970	\$453	\$1,585	\$140	\$51	\$2,756	\$1,179	\$4,126
9504390	RELOG	OHIO	BF	OH-WEST LIBERTY-576 TWP 174 --	04/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	24	\$1.06	\$25	\$0.39	\$9	\$1,786	\$728	\$2,549	\$5.94	\$143	\$2.16	\$52	\$970	\$466	\$1,630	\$168	\$61	\$2,756	\$1,194	\$4,179
9794343	GSRPLSS	OHIO	TR	OH-PIQUA-616 BOONE ST --CPG-LEAKDISC #9794267	04/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	43	\$1.06	\$45	\$0.39	\$17	\$1,786	\$739	\$2,587	\$5.94	\$256	\$2.16	\$93	\$970	\$527	\$1,486	\$301	\$110	\$2,756	\$1,267	\$4,433
9778939	GSRPLSS	OHIO	CN	OH-CENTERVILLE-8025 BRAINARD WOODS DR --	04/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	95	\$1.06	\$100	\$0.39	\$37	\$1,786	\$769	\$2,692	\$5.94	\$565	\$2.16	\$206	\$970	\$696	\$2,436	\$665	\$242	\$2,756	\$1,465	\$5,129
9792234	GSRPLSS	OHIO	TR	OH-PIQUA-621 BOONE --CPG-LEAKDISC #9734459	04/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	62	\$1.06	\$66	\$0.39	\$24	\$1,786	\$750	\$2,626	\$5.94	\$368	\$2.16	\$134	\$970	\$589	\$2,062	\$434	\$158	\$2,756	\$1,339	\$4,687
9697228	RELOG	OHIO	FA	OH-XENIA-1869 DAFFODIL CT --RELOG	04/04/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
9744336	GSRPLSL	OHIO	CN	OH-CENTERVILLE-7891 OLD DOBBIN PL -CPG-GSRPLSL--CPG-GSRPLSL	04/05/13	MDPE	1.00 INCH	Curb to Meter	70	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$560	\$4.08	\$286	\$2,345	\$1,276	\$4,467	\$560	\$286	\$2,345	\$4,467	
9860364	GSRPLPS	OHIO	CN	OH-DAYTON-521 GREENWALD ST --CPG-LEAK DISC #1294203	04/05/13	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$216	\$4.08	\$110	\$2,345	\$1,068	\$3,740	\$216	\$110	\$2,345	\$3,740	
9796609	GSRPLSL	OHIO	FA	OH-XENIA-114 HIGH --LEAK DISC #9736887	04/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	57	\$3.09	\$176	\$2.29	\$131	\$1,786	\$837	\$2,930	\$4.41	\$251	\$3.27	\$186	\$970	\$563	\$1,971	\$428	\$317	\$2,756	\$1,400	\$4,901
9798438	GSRPLSS	OHIO	CN	OH-XENIA-38 HIGH --LEAK DISC #9738243	04/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	12	\$1.06	\$13	\$0.39	\$5	\$1,786	\$721	\$2,525	\$5.94	\$104	\$2.16	\$36	\$970	\$427	\$1,494	\$84	\$31	\$2,756	\$1,148	\$4,019
9849383	GSRPLSS	OHIO	DW	OH-HUBER HEIGHTS-7140 SAFFRON DR --CPG-LEAKDISC #9736534	04/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	49	\$1.06	\$52	\$0.39	\$19	\$1,786	\$743	\$2,599	\$5.94	\$291	\$2.16	\$108	\$970	\$547	\$1,914	\$343	\$125	\$2,756	\$1,290	\$4,514
9778171	GSRPLSS	OHIO	CN	OH-CENTERVILLE-1025 VALLEY VISTA WAY --CPG	04/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,78														

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322		
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Main to Curb + Curb to Meter								
										Labor cost/tf	Labor cost	Mat'l cost/tf	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/tf	Labor cost	Mat'l cost/tf	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
9780702	GSRLPLSS	OHIO	CN	OH-KETTERING-2850 - 2866 S DIXIE --CPG-RENEW SVC	04/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	42	\$1.06	\$44	\$0.39	\$16	\$1,786	\$739	\$2,585	\$5.94	\$250	\$2.16	\$91	\$970	\$524	\$1,835	\$294	\$107	\$2,756	\$1,263	\$4,420
9566201	RELOG	OHIO	TR	OH-VERSAILLES-597 WOODLAND DR -- RELOG	04/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	196	\$1.06	\$207	\$0.39	\$75	\$1,786	\$827	\$2,896	\$5.94	\$1,165	\$2.16	\$424	\$970	\$1,024	\$3,583	\$1,372	\$500	\$2,756	\$1,851	\$6,479
9766856	GSRLPLSS	OHIO	CN	OH-MIAMISBURG-723 DUNAWAY ST --CPG-GSRPLSSS--RENEWAL - LOCATE CLEARS 4/12-LE	04/16/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
9774129	GSRLPLSL	OHIO	FA	OH-XENIA-531 N KING ST -- RENEW SERVICE	04/17/13	MDPE	1.00 INCH	Curb to Meter	36	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$288	\$4.08	\$147	\$2,345	\$1,112	\$3,892	\$288	\$147	\$2,345	\$1,112	\$3,892
9842157	GSRLPLSS	OHIO	FA	OH-XENIA-53 MAPLE ST --CPG-LEAK DISC 9767199	04/17/13	MDPE	1.00 INCH	Curb to Meter	30	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$240	\$4.08	\$122	\$2,345	\$1,083	\$3,790	\$240	\$122	\$2,345	\$1,083	\$3,790
9841936	GSRLPLSS	OHIO	FA	OH-XENIA-602 CHESTNUT ST --LEAK DISC #9767200	04/17/13	MDPE	1.00 INCH	Curb to Meter	53	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$424	\$4.08	\$216	\$2,345	\$1,194	\$4,179	\$424	\$216	\$2,345	\$1,194	\$4,179
9322829	RELOG	OHIO	TR	OH-COVINGTON-203 E BROADWAY --RELOCATE SERVICE	04/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	8	\$1.06	\$8	\$0.39	\$3	\$1,786	\$719	\$2,517	\$5.94	\$48	\$2.16	\$17	\$970	\$414	\$1,449	\$56	\$20	\$2,756	\$1,133	\$3,965
10376509	GSRLPLSL	OHIO	TR	OH-COVINGTON-215 E BROADWAY -- TIE OVER TO NEW MAIN	04/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	2	\$1.06	\$2	\$0.39	\$1	\$1,786	\$716	\$2,504	\$5.94	\$12	\$2.16	\$4	\$970	\$394	\$1,381	\$14	\$5	\$2,756	\$1,110	\$3,885
9853284	GSRLPLSS	OHIO	DW	OH-DAYTON-4321 N MAIN ST --CPG-LEAKDISC #9766371	04/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	54	\$1.06	\$57	\$0.39	\$21	\$1,786	\$746	\$2,609	\$5.94	\$321	\$2.16	\$117	\$970	\$563	\$1,971	\$378	\$138	\$2,756	\$1,309	\$4,580
10377632	GSRLPLSL	OHIO	WC	OH-WILMINGTON-712 S SOUTH ST --CPG	04/18/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	106	\$3.09	\$328	\$2.29	\$243	\$1,786	\$943	\$3,299	\$4.41	\$467	\$3.27	\$347	\$970	\$714	\$2,498	\$795	\$589	\$2,756	\$1,656	\$5,797
9852680	GSRLPLSS	OHIO	DW	OH-TROTWOOD-1288 STUBEN DR --CPG-LEAKDISC #9765551	04/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	1	\$1.06	\$1	\$0.39	\$0	\$1,786	\$715	\$2,502	\$5.94	\$6	\$2.16	\$2	\$970	\$391	\$1,369	\$7	\$3	\$2,756	\$1,106	\$3,872
10377567	GSRLPLSS	OHIO	WC	OH-WILMINGTON-24 CREEKSIDE DR -- CPG	04/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	6	\$1.06	\$6	\$0.39	\$2	\$1,786	\$718	\$2,513	\$5.94	\$36	\$2.16	\$13	\$970	\$407	\$1,426	\$42	\$15	\$2,756	\$1,125	\$3,939
9859302	GSRLPLSS	OHIO	FA	OH-XENIA-386 QUEEN ST --LEAK DISC #9770369	04/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	20	\$1.06	\$21	\$0.39	\$8	\$1,786	\$726	\$2,541	\$5.94	\$119	\$2.16	\$43	\$970	\$453	\$1,585	\$140	\$51	\$2,756	\$1,179	\$4,126
9865756	GSRLPLSS	OHIO	CN	OH-KETTERING-4925 HARWICH CT --CPG-LEAKDISC #9769210	04/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	27	\$1.06	\$29	\$0.39	\$10	\$1,786	\$730	\$2,555	\$5.94	\$180	\$2.16	\$58	\$970	\$476	\$1,654	\$189	\$69	\$2,756	\$1,206	\$4,219
9859440	GSRLPLSS	OHIO	WC	OH-WILMINGTON-868 LOCUST ST --CPG-LEAK DISC #9772435	04/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$550	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527
9872685	GSRLPLSS	OHIO	CN	OH-MIAMISBURG-1832 BURNSIDE DR --CPG	04/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	69	\$1.06	\$73	\$0.39	\$27	\$1,786	\$754	\$2,640	\$5.94	\$410	\$2.16	\$149	\$970	\$612	\$2,141	\$483	\$176	\$2,756	\$1,366	\$4,781
9841872	GSRLPLSS	OHIO	TR	OH-TROY-43 S STONYCREEK RD BLDG --CPGR-LEAKDISC #9770596	04/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	92	\$1.06	\$97	\$0.39	\$35	\$1,786	\$767	\$2,686	\$5.94	\$547	\$2.16	\$199	\$970	\$686	\$2,402	\$644	\$235	\$2,756	\$1,454	\$5,088
9865093	GSRLPLSS	OHIO	CN	OH-DAYTON-7600 WHITEHALL DRIVE --CPG-LEAKDISC #9769151	04/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	130	\$1.06	\$137	\$0.39	\$50	\$1,786	\$789	\$2,763	\$5.94	\$773	\$2.16	\$281	\$970	\$810	\$2,834	\$910	\$332	\$2,756	\$1,599	\$5,597
9841977	GSRLPLSS	OHIO	TR	OH-WEST MILTON-3 MEADOWBROOK CT BLDG --CPG--REPAIR-LEAKDISC #9773079	04/19/13	MDPE	1.00 INCH	Curb to Meter	52	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$416	\$4.08	\$212	\$2,345	\$1,189	\$4,162	\$416	\$212	\$2,345	\$1,189	\$4,162
9859697	GSRLPLSS	OHIO	WC	OH-WILMINGTON-113 COLLEGE ST --CPG-LEAK DISC 9772834	04/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661
9854676	GSRLPLSS	OHIO	DW	OH-VANDALIA-127 SCOTT AVE BLDG --CPG-LEAKDISC #9772418	04/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	95	\$1.06	\$100	\$0.39	\$37	\$1,786	\$769	\$2,692	\$5.94	\$565	\$2.16	\$206	\$970	\$696	\$2,436	\$665	\$242	\$2,756	\$1,465	\$5,129
9777564	GSRLPLSS	OHIO	DW	OH-PHILLIPSBURG-18 S STATE ST --CPG-GSRPLSSS--LEAK-REPAIR-CPG-GSRPLSSS	04/22/13	MDPE	1.00 INCH	Curb to Meter	61	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$488	\$4.08	\$249	\$2,345	\$1,233	\$4,315	\$488	\$249	\$2,345	\$1,233	\$4,315
9866307	GSRLPLSS	OHIO	CN	OH-MIAMISBURG-1118 NUNNERY DR --CPG-LEAKDISC #9775305	04/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	5	\$1.06	\$5	\$0.39	\$2	\$1,786	\$717	\$2,510	\$5.94	\$30	\$2.16	\$11	\$970	\$404	\$1,415	\$35	\$13	\$2,756	\$1,122	\$3,925
9871341	GSRLPLSS	OHIO	CN	OH-DAYTON-1000 WARWICK PL --CPG	04/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	57	\$1.06	\$60	\$0.39	\$22	\$1,786	\$747	\$2,615	\$5.94	\$339	\$2.16	\$123	\$970	\$573	\$2,005	\$399	\$145	\$2,756	\$1,320	\$4,620
9853165	GSRLPLSS	OHIO	DW	OH-DAYTON-120 MCREYNOLDS ST --CPG-LEAKDISC #9776866	04/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	63	\$1.06	\$67	\$0.39	\$24	\$1,786	\$751	\$2,628	\$5.94	\$374	\$2.16	\$136	\$970	\$592	\$2,073	\$441	\$161	\$2,756	\$1,343	\$4,701
9854647	GSRLPLSL	OHIO	DW	OH-DAYTON-224 N CHERRYWOOD AVE --CPG-LEAKDISC #9779992	04/23/13	MDPE	1.00 INCH	Curb to Meter	46	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$368	\$4.08	\$188	\$2,345	\$1,160	\$4,061	\$368	\$188	\$2,345	\$1,160	\$4,061
9854646	GSRLPLSL	OHIO	DW	OH-EATON-604 LEXINGTON AVE --CPG-LEAKDISC #9779271	04/23/13	MDPE	1.00 INCH	Curb to Meter	68	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$544	\$4.08	\$277	\$2,345	\$1,267	\$4,433	\$544	\$277	\$2,345	\$1,267	\$4,433
9854672	GSRLPLSS	OHIO	DW	OH-DAYTON-3915 W THIRD ST --CPG-LEAKDISC #9779688	04/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	26	\$1.06	\$27	\$0.39	\$10	\$1,786	\$729	\$2,553	\$5.94	\$155	\$2.16	\$56	\$970	\$472	\$1,653	\$182</				

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$5000s):		\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322			
										Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Main to Curb + Curb to Meter									
WONUM		WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	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
9419808	GSRPLPSS		OHIO	TR	OH-SIDNEY-1706 WAPAK AVE --SERVICE REPLACEMENT	05/02/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	92	\$1.06	\$97	\$0.39	\$35	\$1,786	\$767	\$2,686	\$5.94	\$547	\$2.16	\$199	\$970	\$686	\$2,402	\$644	\$235	\$2,756	\$1,454	\$5,088
9854720	GSRPLPSS		OHIO	FA	OH-GREENFIELD-202 S WASHINGTON ST -CPG-GSRPLSS-- CPG-GSRPLSS	05/03/13	MOPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893
9868681	GSRPLPLS		OHIO	TR	OH-TIPP CITY-202 E MAIN ST --REPLACE SERVICE 202 E MAIN ST	05/03/13	MOPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	56	\$3.09	\$173	\$2.29	\$138	\$1,786	\$835	\$2,922	\$4.41	\$247	\$3.27	\$183	\$970	\$560	\$1,960	\$420	\$311	\$2,756	\$1,395	\$4,882
10198443	GSRPLPLS		OHIO	DW	OH-WEST ALEXANDRIA-56 SMITH ST --	05/03/13	MOPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	78	\$3.09	\$241	\$2.29	\$179	\$1,786	\$882	\$3,088	\$4.41	\$344	\$3.27	\$255	\$970	\$628	\$2,197	\$585	\$434	\$2,756	\$1,510	\$5,285
9888821	GSRPLSSSS		OHIO	WC	OH-GREENFIELD-1024 MCCLAIN ST --CPG-LEAK DISC 9879720	05/03/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	30	\$1.06	\$32	\$0.39	\$12	\$1,786	\$732	\$2,561	\$5.94	\$178	\$2.16	\$65	\$970	\$485	\$1,699	\$210	\$77	\$2,756	\$1,217	\$4,260
9896472	GSRPLSSSS		OHIO	WC	OH-GREENFIELD-312 EDGEWOOD AVE --LEAK DISC 9849185	05/03/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661
9994616	GSRPLSSSS		OHIO	DW	OH-DAYTON-3220 VALERIE ARMS DR --CPG	05/03/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	66	\$1.06	\$70	\$0.39	\$25	\$1,786	\$752	\$2,634	\$5.94	\$392	\$2.16	\$143	\$970	\$602	\$2,107	\$462	\$168	\$2,756	\$1,355	\$4,741
9420449	GSRPLPSS		OHIO	TR	OH-SIDNEY-1806 WAPAK AVE --SERVICE REPLACEMENT	05/03/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	91	\$1.06	\$96	\$0.39	\$35	\$1,786	\$767	\$2,684	\$5.94	\$541	\$2.16	\$197	\$970	\$683	\$2,391	\$637	\$232	\$2,756	\$1,450	\$5,075
9429294	GSRPLPSS		OHIO	TR	OH-SIDNEY-1710 WAPAK AVE --SERVICE REPLACEMENT	05/03/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	93	\$1.06	\$98	\$0.39	\$36	\$1,786	\$768	\$2,688	\$5.94	\$553	\$2.16	\$201	\$970	\$690	\$2,414	\$651	\$237	\$2,756	\$1,458	\$5,102
9421476	GSRPLPSS		OHIO	TR	OH-SIDNEY-1814 WAPAK AVE --SERVICE REPLACEMENT	05/03/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	93	\$1.06	\$98	\$0.39	\$36	\$1,786	\$768	\$2,688	\$5.94	\$553	\$2.16	\$201	\$970	\$690	\$2,414	\$651	\$237	\$2,756	\$1,458	\$5,102
9421324	GSRPLPSS		OHIO	TR	OH-SIDNEY-1815 WAPAK AVE --SERVICE REPLACEMENT	05/03/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	150	\$1.06	\$159	\$0.39	\$58	\$1,786	\$901	\$2,803	\$5.94	\$891	\$2.16	\$325	\$970	\$874	\$3,061	\$1,050	\$383	\$2,756	\$1,675	\$5,866
9857512	GSRPLSL		OHIO	DW	OH-DAYTON-W223 (REPR AT 216, 218) 221 PARKWOOD DR -CPG-GSRPLSS--CPG-GSRPL	05/06/13	MOPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893
1005150	GSRPLSL		OHIO	DW	OH-DAYTON-216 & 218 W PARKWOOD DR -CPG-GSRPLSS-- CPG-GSRPLSS	05/06/13	MOPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893
9865659	GSRPLSSSS		OHIO	CN	OH-DAYTON-814 XENIA AVE-CPG	05/06/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	18	\$1.06	\$19	\$0.39	\$7	\$1,786	\$725	\$2,537	\$5.94	\$107	\$2.16	\$39	\$970	\$446	\$1,562	\$126	\$46	\$2,756	\$1,171	\$4,099
9968989	GSRPLSSSS		OHIO	CN	OH-DAYTON-814 XENIA AVE-CPG	05/06/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	18	\$1.06	\$19	\$0.39	\$7	\$1,786	\$725	\$2,537	\$5.94	\$107	\$2.16	\$39	\$970	\$446	\$1,562	\$126	\$46	\$2,756	\$1,171	\$4,099
9971663	GSRPLSSSS		OHIO	CN	OH-MIAMISBURG-1015 NETTIE DRIVE --CPG	05/06/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661
9896510	GSRPLSSSS		OHIO	FA	OH-FAIRBORN-1330 WALNUT BEND CT --CPG-LEAK DISC 9854930	05/06/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	92	\$1.06	\$97	\$0.39	\$35	\$1,786	\$767	\$2,686	\$5.94	\$547	\$2.16	\$199	\$970	\$686	\$2,402	\$644	\$235	\$2,756	\$1,454	\$5,088
9896961	GSRPLSSSS		OHIO	WC	OH-WILMINGTON-246 W TRUESDALE ST --LEAK DISC 9856104	05/07/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	36	\$1.06	\$38	\$0.39	\$14	\$1,786	\$735	\$2,573	\$5.94	\$214	\$2.16	\$78	\$970	\$505	\$1,767	\$252	\$92	\$2,756	\$1,240	\$4,340
9949997	GSRPLSSSS		OHIO	CN	OH-CENTERVILLE-226 MAPLE AVE --CPG	05/07/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	84	\$1.06	\$89	\$0.39	\$32	\$1,786	\$763	\$2,670	\$5.94	\$499	\$2.16	\$182	\$970	\$660	\$2,311	\$588	\$214	\$2,756	\$1,423	\$4,981
9420459	GSRPLPSS		OHIO	TR	OH-SIDNEY-1812 WAPAK AVE --SERVICE REPLACEMENT	05/07/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	96	\$1.06	\$101	\$0.39	\$37	\$1,786	\$770	\$2,694	\$5.94	\$571	\$2.16	\$208	\$970	\$699	\$2,448	\$672	\$245	\$2,756	\$1,469	\$5,142
9420473	GSRPLPSS		OHIO	TR	OH-SIDNEY-1816 WAPAK AVE --SERVICE REPLACEMENT	05/07/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	103	\$1.06	\$109	\$0.39	\$40	\$1,786	\$774	\$2,708	\$5.94	\$612	\$2.16	\$223	\$970	\$722	\$2,527	\$721	\$263	\$2,756	\$1,496	\$5,236
9429662	GSRPLPSS		OHIO	TR	OH-SIDNEY-1705 - 1709 WAPAK AVE --SERVICE REPLACEMENT	05/07/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	137	\$1.06	\$145	\$0.39	\$53	\$1,786	\$793	\$2,777	\$5.94	\$814	\$2.16	\$297	\$970	\$832	\$2,913	\$959	\$349	\$2,756	\$1,626	\$5,590
9303353	RESZG		OHIO	DW	OH-DAYTON-2122 WINNERS CIR --RELOCATE GAS	05/07/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$1,077	\$407	\$300	\$0	\$0	\$308	\$1,077
9303553	RELQ		OHIO	DW	OH-DAYTON-2177 WINNERS CIR --RELOCATE GAS	05/07/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$1,077	\$407	\$300	\$0	\$0	\$308	\$1,077
9622716	RELOC		OHIO	CN	OH-DAYTON-1771 FERICKS WAY --RELOCATE MTR	05/08/13	MOPE	1.00 INCH	Curb to Meter	23	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.00	\$184	\$4.08	\$94	\$2,345	\$1,049	\$3,672	\$184	\$94	\$2,345	\$1,049	\$3,672
9848994	GSRPLSL		OHIO	DW	OH-DAYTON-2042 EDGEWORTH AVE -CPG-GSRPLSS--COMPANY SVC. LEAK-REPAIR-CPG-	05/08/13	MOPE	1.00 INCH	Curb to Meter	39	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$312	\$4.08	\$159	\$2,345	\$1,126	\$3,943	\$312	\$159	\$2,345	\$1,126	\$3,943
9897159	GSRPLSSSS		OHIO	FA	OH-FAIRBORN-1639 EMMONS AVE --CPG-LEAK DISC 9861149	05/08/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	42	\$1.06	\$44	\$0.39	\$16	\$1,786	\$739	\$2,585	\$5.94	\$250	\$2.16	\$91	\$970	\$524	\$1,835	\$294	\$107	\$2,756	\$1,263	\$4,420
9429627	GSRPLPSS		OHIO	TR	OH-SIDNEY-1721 WAPAK AVE --SERVICE REPLACEMENT	05/08/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	110	\$1.06	\$116	\$0.39	\$42	\$1,786	\$778	\$2,722	\$5.94	\$654	\$2.16	\$238	\$970	\$745	\$2,607	\$770	\$281	\$2,756	\$1,523	\$5,329
9419673	GSRPLPSS		OHIO	TR	OH-SIDNEY-1610 WAPAK AVE --SERVICE REPLACEMENT	05/08/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	113	\$1.06	\$119	\$0.39	\$44	\$1,786	\$780	\$2,729	\$5.94	\$672	\$2.16	\$245	\$970	\$754	\$2,641	\$791	\$288	\$2,756	\$1,534	\$5,369
9864275	GSRPLSL		OHIO	CN	OH-DAYTON-7825 GRACELAND ST -CPG-GSRPLSS--LOCATE CLEARS 57 - SVC-CPG-GSRP	05/09/13	MOPE	1.00 INCH	Curb to Meter	110	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$880	\$4.08	\$449	\$2,345	\$1,470	\$5,143	\$880	\$449	\$2,345	\$1,470	\$5,143
9429728	GSRPLPSS		OHIO	TR	OH-SIDNEY-1611 WAPAK AVE --SERVICE REPLACEMENT	05/09/13	MOPE	1.00 INCH	Main to Curb - Short Side	67	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451
9897734	GSRPLSSSS		OHIO	FA	OH-XENIA-380 WASHINGTON ST --CPG-LEAK DISC 9861547	05/09/13	MOPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	26	\$1.06	\$27	\$0.39	\$10	\$1,786	\$729	\$2,553	\$5.94	\$155	\$2.16	\$56	\$970	\$472	\$1,653	\$182	\$66	\$2,756	\$1,202	\$4,266
9890169	GSRPLSS																												

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):										\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322									
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Main to Curb (Non-Incremental)										Curb to Meter (Incremental)										Main to Curb + Curb to Meter			
										Labor cost/t/ft	Labor cost	Mat'l cost/t/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/t/ft	Labor cost	Mat'l cost/t/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					
9866937	GSRLPLSL	OHIO	TR	OH-TIPP CITY-131 W MAIN ST --REPLACE SERVICE 131 W MAIN ST	05/21/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	13	\$3.09	\$40	\$2.29	\$30	\$1,786	\$742	\$2,598	\$4.41	\$57	\$3.27	\$43	\$970	\$428	\$1,498	\$98	\$72	\$2,756	\$1,170	\$4,096					
9866066	GSRLPLSL	OHIO	TR	OH-TIPP CITY-109 W MAIN ST --REPLACE SERVICE 109 W MAIN ST	05/21/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	64	\$3.09	\$198	\$2.29	\$147	\$1,786	\$852	\$2,983	\$4.41	\$282	\$3.27	\$209	\$970	\$585	\$2,046	\$480	\$356	\$2,756	\$1,437	\$5,029					
9866865	GSRLPLSL	OHIO	TR	OH-TIPP CITY-121 W MAIN ST --REPLACE SERVICE 121 W MAIN ST	05/21/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	72	\$3.09	\$222	\$2.29	\$165	\$1,786	\$869	\$3,043	\$4.41	\$318	\$3.27	\$235	\$970	\$609	\$2,132	\$540	\$400	\$2,756	\$1,479	\$5,175					
9635919	GSRLPLSS	OHIO	FA	OH-FAIRBORN-1218 BEECH --SVC RENEWAL	05/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	6	\$1.06	\$6	\$0.39	\$2	\$1,786	\$718	\$2,513	\$5.94	\$36	\$2.16	\$13	\$970	\$407	\$1,426	\$42	\$15	\$2,756	\$1,125	\$3,939					
10003789	GSRLPLSS	OHIO	CN	OH-WEST CARROLLTON-3248 VERNELL DR --CPG	05/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	40	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$238	\$2.16	\$87	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393					
9978785	GSRLPLSS	OHIO	CN	OH-DAYTON-123 CLOVER ST --CPG	05/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	29	\$1.06	\$31	\$0.39	\$11	\$1,786	\$731	\$2,559	\$5.94	\$172	\$2.16	\$63	\$970	\$482	\$1,687	\$203	\$74	\$2,756	\$1,213	\$4,246					
9854950	RELOG	OHIO	TR	OH-MINSTER-9 PARKVIEW DR--RELO GAS	05/22/13	MDPE	1.00 INCH	Curb to Meter	31	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$248	\$4.08	\$126	\$2,345	\$1,088	\$3,807	\$248	\$126	\$2,345	\$1,088	\$3,807					
9893314	GSRLPLSL	OHIO	DW	OH-DAYTON-34 CLIFF ST -CPG-GSRLPLSL--COMPANY SVC RENEWAL 5/21/13	05/22/13	MDPE	1.00 INCH	Main to Curb - Long Side	26	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893					
9973137	GSRLPLSS	OHIO	FA	OH-DAYTON-1805 CLARISSA AVE --CPG-LEAK DISC #9972086	05/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	4	\$1.06	\$4	\$0.39	\$2	\$1,786	\$717	\$2,508	\$5.94	\$24	\$2.16	\$9	\$970	\$401	\$1,403	\$28	\$10	\$2,756	\$1,118	\$3,912					
9867020	GSRLPLSS	OHIO	TR	OH-TIPP CITY-114 W MAIN ST --REPLACE SERVICE 114 W MAIN ST	05/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	40	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$238	\$2.16	\$87	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393					
10003473	GSRLPLSS	OHIO	CN	OH-DAYTON-861 OAK LEAF DR --CPG	05/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	59	\$1.06	\$62	\$0.39	\$23	\$1,786	\$748	\$2,620	\$5.94	\$351	\$2.16	\$128	\$970	\$579	\$2,028	\$413	\$150	\$2,756	\$1,328	\$4,647					
9579141	RESZG	OHIO	DW	OH-DAYTON-4825 SALEM AVE --RESIZE GAS	05/22/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077					
9897269	GSRLPLSL	OHIO	CN	OH-DAYTON-117 S ARDMORE AVE -CPG-GSRLPLSL--RENEWAL LOCATE CLEARS 5/21 - STR	05/23/13	MDPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893						
9965099	GSRLPLSL	OHIO	DW	OH-DAYTON-343 TROY ST BLDG --CPG	05/23/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	44	\$3.09	\$136	\$2.29	\$101	\$1,786	\$809	\$2,832	\$4.41	\$194	\$3.27	\$144	\$970	\$523	\$1,831	\$330	\$245	\$2,756	\$1,332	\$4,663					
9868387	GSRLPLSL	OHIO	TR	OH-TIPP CITY-MAIN ST REPLACEMENT --REPLACE SERVICE 112-116 E MAIN ST	05/23/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	45	\$3.09	\$139	\$2.29	\$103	\$1,786	\$811	\$2,839	\$4.41	\$198	\$3.27	\$147	\$970	\$526	\$1,842	\$338	\$250	\$2,756	\$1,337	\$4,681					
9255374	GSRLPLSL	OHIO	TR	OH-TIPP CITY-635 S THIRD ST --RENEW SERVICE--	05/23/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	70	\$3.09	\$216	\$2.29	\$160	\$1,786	\$865	\$3,028	\$4.41	\$309	\$3.27	\$229	\$970	\$603	\$211	\$525	\$389	\$2,756	\$1,468	\$5,138					
9253962	GSRLPLSL	OHIO	TR	OH-TIPP CITY-525 S THIRD ST --RENEW SERVICE--	05/23/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	95	\$3.09	\$294	\$2.29	\$218	\$1,786	\$919	\$3,216	\$4.41	\$419	\$3.27	\$311	\$970	\$680	\$2,379	\$713	\$528	\$2,756	\$1,599	\$5,595					
9868041	GSRLPLSS	OHIO	TR	OH-TIPP CITY-MAIN ST REPLACEMENT --REPLACE SERVICE 4 E MAIN ST	05/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	10	\$1.06	\$11	\$0.39	\$4	\$1,786	\$720	\$2,521	\$5.94	\$59	\$2.16	\$22	\$970	\$420	\$1,472	\$70	\$26	\$2,756	\$1,141	\$3,992					
10050014	GSRLPLSS	OHIO	CN	OH-DAYTON-433 OAK ST --CPG	05/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	15	\$1.06	\$16	\$0.39	\$6	\$1,786	\$723	\$2,531	\$5.94	\$89	\$2.16	\$32	\$970	\$437	\$1,528	\$105	\$38	\$2,756	\$1,160	\$4,059					
9868259	GSRLPLSS	OHIO	TR	OH-TIPP CITY-108 / 110 E MAIN ST --REPLACE SERVICE 108-110 E MAIN ST	05/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet																									

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322		
										Main to Curb (Non-Incremental)				Curb to Meter (Incremental)				Main to Curb + Curb to Meter										
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Labor cost/t	Labor cost	Mat'l cost/t/ft	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/t	Labor cost	Mat'l cost/t/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
9868878	GSRPLPLS	OHIO	TR	OH-TIPP CITY-213 E MAIN ST --REPLACE SERVICE 213 E MAIN ST	06/04/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	53	\$3.09	\$164	\$2.29	\$121	\$1,786	\$828	\$2,900	\$4.41	\$234	\$3.27	\$173	\$970	\$551	\$1,928	\$398	\$295	\$2,756	\$1,379	\$4,827
9869060	GSRPLPLS	OHIO	TR	OH-TIPP CITY-MAIN ST REPLACEMENT --REPLACE SERVICE 130 E WALNUT ST	06/04/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	62	\$3.09	\$192	\$2.29	\$142	\$1,786	\$848	\$2,967	\$4.41	\$273	\$3.27	\$203	\$970	\$578	\$2,025	\$465	\$345	\$2,756	\$1,426	\$4,992
10231868	GSRPLPLS	OHIO	DW	OH-DAYTON-1200 W GRAND AVE --	06/04/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	86	\$3.09	\$266	\$2.29	\$197	\$1,786	\$899	\$3,148	\$4.41	\$379	\$3.27	\$281	\$970	\$652	\$2,283	\$645	\$478	\$2,756	\$1,562	\$5,431
9978258	GSRPLSSS	OHIO	DW	OH-DAYTON-42 W MAPLEWOOD AVE --CPG-GSRPLSSS--COMPANY SVC-LEAK-REPAIR-CPG-	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	5	\$1.06	\$5	\$0.39	\$2	\$1,786	\$717	\$2,510	\$5.94	\$30	\$2.16	\$11	\$970	\$404	\$1,415	\$35	\$13	\$2,756	\$1,122	\$3,925
9972955	GSRPLPSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-509 LEESBURG AVE --	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	29	\$1.06	\$31	\$0.39	\$11	\$1,786	\$731	\$2,559	\$5.94	\$172	\$2.16	\$63	\$970	\$482	\$1,687	\$203	\$74	\$2,756	\$1,213	\$3,426
10248688	GSRPLSSS	OHIO	DW	OH-DAYTON-2001 KENSINGTON DR --	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	30	\$1.06	\$32	\$0.39	\$12	\$1,786	\$732	\$2,561	\$5.94	\$178	\$2.16	\$65	\$970	\$485	\$1,699	\$210	\$77	\$2,756	\$1,217	\$4,260
10058659	GSRPLSSS	OHIO	CN	OH-MIAMISBURG-1327 WISE DR --CPG	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	49	\$1.06	\$52	\$0.39	\$19	\$1,786	\$743	\$2,599	\$5.94	\$291	\$2.16	\$106	\$970	\$547	\$1,914	\$343	\$125	\$2,756	\$1,290	\$4,514
10105235	GSRPLSSS	OHIO	CN	OH-KETTERING-3049 COKER DRIVE --CPG	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	64	\$1.06	\$68	\$0.39	\$25	\$1,786	\$751	\$2,630	\$5.94	\$380	\$2.16	\$139	\$970	\$596	\$2,084	\$448	\$163	\$2,756	\$1,347	\$4,714
10057366	GSRPLSSS	OHIO	CN	OH-WEST CARROLLTON-5020 DINSMORE --CPG	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	85	\$1.06	\$90	\$0.39	\$33	\$1,786	\$763	\$2,672	\$5.94	\$505	\$2.16	\$184	\$970	\$664	\$2,323	\$595	\$217	\$2,756	\$1,427	\$4,995
10050156	GSRPLSSS	OHIO	CN	OH-CENTERVILLE-575 CLARERIDGE LN --CPG	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	76	\$1.06	\$80	\$0.39	\$29	\$1,786	\$758	\$2,654	\$5.94	\$452	\$2.16	\$165	\$970	\$634	\$2,221	\$532	\$194	\$2,756	\$1,393	\$4,875
11014198	GSRPLSSS	OHIO	CN	OH-KETTERING-4524 HASTINGS DR --CPG	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	97	\$1.06	\$103	\$0.39	\$37	\$1,786	\$770	\$2,696	\$5.94	\$576	\$2.16	\$210	\$970	\$703	\$2,459	\$679	\$247	\$2,756	\$1,473	\$5,155
9968750	GSRPLPSS	OHIO	TR	OH-TIPP CITY-210 / 212 E MAIN ST --REPLACE SERVICE 210 E MAIN ST	06/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	101	\$1.06	\$107	\$0.39	\$39	\$1,786	\$773	\$2,704	\$5.94	\$600	\$2.16	\$219	\$970	\$716	\$2,504	\$707	\$258	\$2,756	\$1,488	\$5,209
10017627	GSRPLSSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-1275 DAYTON AVE --LEAK DISC #9967872	06/05/13	MDPE	1.00 INCH	Curb to Meter	15	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$120	\$4.08	\$61	\$2,345	\$1,010	\$3,537	\$120	\$61	\$2,345	\$1,010	\$3,537
9967730	GSRPLPLS	OHIO	TR	OH-GREENVILLE-412 E FIFTH ST --REPLACE SERVICE MOVE METER OUTSIDE	06/05/13	MDPE	1.00 INCH	Curb to Meter	60	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$240	\$4.08	\$122	\$2,345	\$1,083	\$3,790	\$240	\$122	\$2,345	\$1,083	\$3,790
9295954	GSRPLSSS	OHIO	DW	OH-DAYTON-42 W MAPLEWOOD --CUST. SVC. RENEW SERVICE	06/05/13	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$336	\$4.08	\$171	\$2,345	\$1,141	\$3,993	\$336	\$171	\$2,345	\$1,141	\$3,993
9869150	GSRPLPLS	OHIO	TR	OH-TIPP CITY-135 E MAIN ST --REPLACE SERVICE 135 E MAIN ST	06/05/13	MDPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893
9868650	GSRPLPLS	OHIO	TR	OH-TIPP CITY-MAIN ST REPLACEMENT --REPLACE SERVICE 407 E MAIN ST	06/05/13	MDPE	1.00 INCH	Main to Curb - Long Side	2	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893
9868791	GSRPLPSS	OHIO	TR	OH-TIPP CITY-330 E MAIN ST --REPLACE SERVICE 330 E MAIN ST	06/05/13	MDPE	1.00 INCH	Main to Curb - Short Side	21	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451
9869024	GSRPLPLS	OHIO	TR	OH-TIPP CITY-275 E MAIN ST --REPLACE SERVICE 275 E MAIN ST	06/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	32	\$3.09	\$99	\$2.29	\$73	\$1,786	\$783	\$2,741	\$4.41	\$141	\$3.27	\$105	\$970	\$486	\$1,702	\$240	\$178	\$2,756	\$1,270	\$4,443
9869087	GSRPLPLS	OHIO	TR	OH-TIPP CITY-405 E MAIN ST --REPLACE SERVICE 405 E MAIN ST	06/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	54	\$3.09	\$167	\$2.29	\$124	\$1,786	\$831	\$2,907	\$4.41	\$238	\$3.27	\$177	\$970	\$554	\$1,939	\$405	\$300	\$2,756	\$1,384	\$4,846
9868906	GSRPLPLS	OHIO	TR	OH-TIPP CITY-221 / 225 E MAIN ST --REPLACE SERVICE 221 E MAIN ST	06/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	56	\$3.09	\$173	\$2.29	\$128	\$1,786	\$835	\$2,922	\$4.41	\$247	\$3.27	\$183	\$970	\$560	\$1,960	\$420	\$311	\$2,756	\$1,395	\$4,882
10019355	GSRPLPLS	OHIO	FA	OH-FAIRBORN-310 WAYNE DR --CPG-LEAK DISC #9963692	06/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	58	\$3.09	\$179	\$2.29	\$133	\$1,786	\$839	\$2,937	\$4.41	\$256	\$3.27	\$190	\$970	\$566	\$1,982	\$435	\$322	\$2,756	\$1,405	\$4,919
10018492	GSRPLPLS	OHIO	FA	OH-FAIRBORN-316 WAYNE DR --CPG-LEAK DISC #9963693	06/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	78	\$3.09	\$241	\$2.29	\$179	\$1,786	\$882	\$3,088	\$4.41	\$344	\$3.27	\$255	\$970	\$628	\$2,197	\$585	\$434	\$2,756	\$1,510	\$5,285
9636057	GSRPLPLS	OHIO	FA	OH-FAIRBORN-1614 SOUTHLAWN --SVC RENEWAL	06/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	140	\$3.09	\$433	\$2.29	\$321	\$1,786	\$1,016	\$3,555	\$4.41	\$617	\$3.27	\$458	\$970	\$818	\$2,863	\$1,050	\$778	\$2,756	\$1,834	\$6,418
10128722	GSRPLSSS	OHIO	CN	OH-DAYTON-330 ESTATES --CPG	06/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	67	\$1.06	\$71	\$0.39	\$26	\$1,786	\$753	\$2,636	\$5.94	\$398	\$2.16	\$145	\$970	\$605	\$2,119	\$469	\$171	\$2,756	\$1,358	\$4,754
10128616	GSRPLSSS	OHIO	CN	OH-CENTERVILLE-6118 FLEMINGTON RD --	06/06/13	MDPE	1.00 INCH	Curb to Meter	70	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$560	\$4.08	\$286	\$2,345	\$1,276	\$4,467	\$560	\$286	\$2,345	\$1,276	\$4,467
10249347	GSRPLPLS	OHIO	DW	OH-NEW PARIS-205 E CHERRY ST --	06/06/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	65	\$3.09	\$201	\$2.29	\$149	\$1,786	\$854	\$2,990	\$4.41	\$287	\$3.27	\$213	\$970	\$588	\$2,057	\$488	\$361	\$2,756	\$1,442	\$5,047
10249142	GSRPLPLS	OHIO	DW	OH-DAYTON-1213 CANFIELD AVE --	06/06/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	74	\$3.09	\$229	\$2.29	\$170	\$1,786	\$874	\$3,058	\$4.41	\$326	\$3.27	\$242	\$970	\$615	\$2,154	\$555	\$411	\$2,756	\$1,489	\$5,211
10249230	GSRPLPLS	OHIO	DW	OH-DAYTON-1029 CHARLESTON BLVD --																								

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):										\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322			
				Main to Curb (Non-Incremental)										Curb to Meter (Incremental)										Main to Curb + Curb to Meter			
				Subtotal main to curb										Subtotal curb to meter													
				Labor cost/ft										Labor cost													
				Mat'l cost/ft										Mat'l cost													
				Misc cost										Misc cost													
				Overhead cost										Overhead cost													
				pipe_installed-length										pipe_installed-length													
				Service Replacement Type (per cost breakdown tab)										Service Replacement Type (per cost breakdown tab)													
				ACT_FINISH DATE										ACT_FINISH DATE													
				pipe_installed-material										pipe_installed-material													
				pipe_installed-size										pipe_installed-size													
				pipe_installed-length										pipe_installed-length													
				Service Replacement Type (per cost breakdown tab)										Service Replacement Type (per cost breakdown tab)													
				ACT_FINISH DATE										ACT_FINISH DATE													
				pipe_installed-material										pipe_installed-material													
				pipe_installed-size										pipe_installed-size													
				pipe_installed-length										pipe_installed-length													
				Service Replacement Type (per cost breakdown tab)										Service Replacement Type (per cost breakdown tab)													
				ACT_FINISH DATE										ACT_FINISH DATE													
				pipe_installed-material										pipe_installed-material													
				pipe_installed-size										pipe_installed-size													
				pipe_installed-length										pipe_installed-length													
				Service Replacement Type (per cost breakdown tab)										Service Replacement Type (per cost breakdown tab)													
				ACT_FINISH DATE										ACT_FINISH DATE													
				pipe_installed-material										pipe_installed-material													
				pipe_installed-size										pipe_installed-size													
				pipe_installed-length										pipe_installed-length													
				Service Replacement Type (per cost breakdown tab)										Service Replacement Type (per cost breakdown tab)													
				ACT_FINISH DATE										ACT_FINISH DATE													
				pipe_installed-material										pipe_installed-material													
				pipe_installed-size										pipe_installed-size													
				pipe_installed-length										pipe_installed-length													
				Service Replacement Type (per cost breakdown tab)										Service Replacement Type (per cost breakdown tab)													
				ACT_FINISH DATE										ACT_FINISH DATE													
				pipe_installed-material										pipe_installed-material													
				pipe_installed-size										pipe_installed-size													
				pipe_installed-length										pipe_installed-length													
				Service Replacement Type (per cost breakdown tab)										Service Replacement Type (per cost breakdown tab)													
				ACT_FINISH DATE										ACT_FINISH DATE													
				pipe_installed-material										pipe_installed-material													
				pipe_installed-size										pipe_installed-size													
				pipe_installed-length										pipe_installed-length													
				Service Replacement Type (per cost breakdown tab)										Service Replacement Type (per cost breakdown tab)													
				ACT_FINISH DATE										ACT_FINISH DATE													
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VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):

\$130

\$76

\$2,256

\$985

\$3,448

\$552

\$259

\$1,956

\$1,107

\$3,874

\$682

\$336

\$4,212

\$2,092

\$7,322

WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Main to Curb + Curb to Meter								
										Labor cost/t/f	Labor cost	Mat'l cost/t/f	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/t/f	Labor cost	Mat'l cost/t/f	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
9981166	GSRLPLSL	OHIO	WC	OH-WASHINGTON COURT HOUSE-726 LEESBURG AVE ---	06/26/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	73	\$3.09	\$226	\$2.29	\$167	\$1,786	\$872	\$3,050	\$4.41	\$322	\$3.27	\$239	\$970	\$612	\$2,143	\$548	\$406	\$2,756	\$1,484	\$5,193
10139275	GSRLPLSL	OHIO	DW	OH-DAYTON-1204 W HILLCREST AVE ---	06/26/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	88	\$3.09	\$272	\$2.29	\$202	\$1,786	\$904	\$3,163	\$4.41	\$388	\$3.27	\$288	\$970	\$658	\$2,304	\$660	\$489	\$2,756	\$1,562	\$5,467
10144362	GSRLPLSS	OHIO	CN	OH-CENTERVILLE-5476 WATERLOO RD ---CPG	06/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$17	\$1,786	\$740	\$2,591	\$5.94	\$267	\$2.16	\$97	\$970	\$534	\$1,869	\$315	\$115	\$2,756	\$1,274	\$4,460
9636106	GSRLPLSS	OHIO	FA	OH-FAIRBORN-1303 DAVIS ---SVC RENEWAL	06/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	82	\$1.06	\$87	\$0.39	\$32	\$1,786	\$762	\$2,666	\$5.94	\$487	\$2.16	\$178	\$970	\$654	\$2,289	\$574	\$209	\$2,756	\$1,416	\$4,955
9747166	GSRLPLSS	OHIO	FA	OH-FAIRBORN-1308 KEVIN DR ---SVC RENEWAL	06/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	90	\$1.06	\$95	\$0.39	\$35	\$1,786	\$766	\$2,682	\$5.94	\$535	\$2.16	\$195	\$970	\$680	\$2,380	\$630	\$230	\$2,756	\$1,446	\$5,062
10121043	GSRLPLSS	OHIO	TR	OH-SIDNEY-715 FIELDING RD BLDG ---CPG-LEAKDISC #1005217	06/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	113	\$1.06	\$119	\$0.39	\$44	\$1,786	\$780	\$2,729	\$5.94	\$672	\$2.16	\$245	\$970	\$754	\$2,641	\$791	\$288	\$2,756	\$1,534	\$5,369
9780649	RELOG	OHIO	DW	OH-DAYTON-5839 W THIRD ST ---RELOCATE GAS	06/26/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
9901701	RESZG	OHIO	CN	OH-DAYTON-4716 WILMINGTON PIKE --- RESZG	06/26/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10233275	GSRLPLSL	OHIO	DW	OH-BROOKVILLE-116 CHURCH ST ---	06/27/13	MDPE	1.00 INCH	Curb to Meter	43	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$344	\$4.08	\$175	\$2,345	\$1,146	\$4,010	\$344	\$175	\$2,345	\$1,146	\$4,010
9976633	GSRLPLSL	OHIO	WC	OH-WASHINGTON COURT HOUSE-714 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	73	\$3.09	\$226	\$2.29	\$167	\$1,786	\$872	\$3,050	\$4.41	\$322	\$3.27	\$239	\$970	\$612	\$2,143	\$548	\$406	\$2,756	\$1,484	\$5,193
9976676	GSRLPLSL	OHIO	WC	OH-WASHINGTON COURT HOUSE-718 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	77	\$3.09	\$238	\$2.29	\$176	\$1,786	\$880	\$3,080	\$4.41	\$340	\$3.27	\$252	\$970	\$625	\$2,186	\$578	\$428	\$2,756	\$1,505	\$5,266
9974876	GSRLPLSL	OHIO	WC	OH-WASHINGTON COURT HOUSE-614 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	95	\$3.09	\$294	\$2.29	\$218	\$1,786	\$919	\$3,216	\$4.41	\$419	\$3.27	\$311	\$970	\$680	\$2,379	\$713	\$528	\$2,756	\$1,599	\$5,595
10250543	GSRLPLSL	OHIO	DW	OH-NEW PARIS-7856 NEW PARIS GETTYSBURG RD ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	102	\$3.09	\$315	\$2.29	\$234	\$1,786	\$934	\$3,269	\$4.41	\$450	\$3.27	\$333	\$970	\$701	\$2,455	\$765	\$567	\$2,756	\$1,635	\$5,723
9871819	RELOG	OHIO	TR	OH-TROY-913 CATALPA CIR --- RELOG	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	12	\$1.06	\$13	\$0.39	\$5	\$1,786	\$721	\$2,525	\$5.94	\$71	\$2.16	\$26	\$970	\$427	\$1,494	\$84	\$31	\$2,756	\$1,148	\$4,019
10249057	GSRLPLSS	OHIO	TR	OH-COVINGTON-127 S WENRICK ST ---CPG-LEAKDISC #10050467	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	41	\$1.06	\$43	\$0.39	\$16	\$1,786	\$738	\$2,583	\$5.94	\$244	\$2.16	\$89	\$970	\$521	\$1,823	\$287	\$105	\$2,756	\$1,259	\$4,407
10121425	GSRLPLSS	OHIO	TR	OH-PIQUA-250 LINDEN AVE BLDG ---CPG-LEAKDISC #10058556	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	46	\$1.06	\$49	\$0.39	\$18	\$1,786	\$741	\$2,593	\$5.94	\$273	\$2.16	\$100	\$970	\$537	\$1,880	\$322	\$117	\$2,756	\$1,278	\$4,473
10067240	GSRLPLSL	OHIO	FA	OH-NEW CARLISLE-307 N CHURCH ST -CPG-GSRPLSS---LOCATE CLEARS 6/26-CPG-GSRP	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	85	\$1.06	\$90	\$0.39	\$33	\$1,786	\$763	\$2,672	\$5.94	\$505	\$2.16	\$184	\$970	\$664	\$2,323	\$595	\$217	\$2,756	\$1,427	\$4,995
10755417	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-611 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	54	\$1.06	\$57	\$0.39	\$21	\$1,786	\$746	\$2,609	\$5.94	\$321	\$2.16	\$117	\$970	\$563	\$1,971	\$378	\$138	\$2,756	\$1,309	\$4,580
9973571	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-709 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,982	\$385	\$140	\$2,756	\$1,313	\$4,594
9973647	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-731 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	61	\$1.06	\$64	\$0.39	\$23	\$1,786	\$750	\$2,624	\$5.94	\$363	\$2.16	\$132	\$970	\$586	\$2,050	\$427	\$156	\$2,756	\$1,335	\$4,674
9973797	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-737 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	61	\$1.06	\$64	\$0.39	\$23	\$1,786	\$750	\$2,624	\$5.94	\$363	\$2.16	\$132	\$970	\$586	\$2,050	\$427	\$156	\$2,756	\$1,335	\$4,674
9973530	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-705 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	63	\$1.06	\$67	\$0.39	\$24	\$1,786	\$751	\$2,628	\$5.94	\$374	\$2.16	\$136	\$970	\$592	\$2,073	\$441	\$161	\$2,756	\$1,343	\$4,701
9981116	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-729 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	63	\$1.06	\$67	\$0.39	\$24	\$1,786	\$751	\$2,628	\$5.94	\$374	\$2.16	\$136	\$970	\$592	\$2,073	\$441	\$161	\$2,756	\$1,343	\$4,701
10144216	GSRLPLSS	OHIO	CN	OH-KETTERING-1532 CONSTANCE AVE ---CPG	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	65	\$1.06	\$69	\$0.39	\$25	\$1,786	\$752	\$2,632	\$5.94	\$386	\$2.16	\$141	\$970	\$599	\$2,096	\$455	\$166	\$2,756	\$1,351	\$4,727
9973047	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-527 LEESBURG AVE ---	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	76	\$1.06	\$80	\$0.39	\$29	\$1,786	\$758	\$2,654	\$5.94	\$452	\$2.16	\$165	\$970	\$634	\$2,221	\$532	\$194	\$2,756	\$1,393	\$4,875
10108276	GSRLPLSS	OHIO	BF	OH-BELLEFONTAINE-712 E BROWN AVE ---CPG-LEAKDISC #10057679	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	78	\$1.06	\$82	\$0.39	\$30	\$1,786	\$759	\$2,658	\$5.94	\$464	\$2.16	\$169	\$970	\$641	\$2,243	\$546	\$199	\$2,756	\$1,400	\$4,901
10108468	GSRLPLSS	OHIO	TR	OH-BRADFORD-230 N HIGH ST ---CPG-LEAKDISC #10090277	06/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	80	\$1.06	\$85	\$0.39	\$31	\$1,78														

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s)	\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322			
										Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					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 main to curb	Total misc cost	Total Overhead cost	Total all costs
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length																			
10215114	GSRLPLSS		OHIO	CN --OH-WEST CARROLLTON-5001 DINSMORE DR --CPG-GSRPLSS--	07/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	44	\$1.06	\$47	\$0.39	\$17	\$1,786	\$740	\$2,589	\$5.94	\$261	\$2.16	\$95	\$970	\$531	\$1,857	\$308	\$112	\$2,756	\$1,270	\$4,447
10192981	GSRLPLSS		OHIO	TR --OH-TIP CITY-28 AMOKEE PL BLDG --CPG-LEAKDISC #10110324	07/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	44	\$1.06	\$47	\$0.39	\$17	\$1,786	\$740	\$2,589	\$5.94	\$261	\$2.16	\$95	\$970	\$531	\$1,857	\$308	\$112	\$2,756	\$1,270	\$4,447
10113796	GSRLPLSL		OHIO	WC --OH-WASHINGTON COURT HOUSE-703 PEARL ST --CPG-GSRPLSL--LEAK DISC #10059099-	07/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$560	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527
10726863	GSRLPLSS		OHIO	CN --OH-DAYTON-1142 & 1143 EPWORTH AVE --	07/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	27	\$1.06	\$29	\$0.39	\$10	\$1,786	\$730	\$2,555	\$5.94	\$160	\$2.16	\$58	\$970	\$476	\$1,664	\$189	\$69	\$2,756	\$1,206	\$4,219
9865094	GSRLPLSS		OHIO	FA --OH-XENIA-145 COOPER LN --CPG-LEAK DISC #1011236-SVC RENEWAL	07/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661
9948747	RESZG		OHIO	DW --OH-DAYTON-4622 BRANDT PKE -- RESZG	07/11/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
9976812	RESZG		OHIO	WC --OH-GREENFIELD-1045 JEFFERSON ST STE A--RESIZE GAS	07/11/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10123969	GSRLPLSL		OHIO	TR --OH-TIP CITY-281 W DOW ST --CPG-LEAKDISC #31012349	07/12/13	MDPE	1.00 INCH	Curb to Meter	4	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$2,345	\$4,011	\$1,775	\$2,345	\$4,011	\$1,775	\$2,345	\$4,011
1028865	GSRLPLSL		OHIO	DW --OH-DAYTON-4040 DELPHOS AVE --	07/12/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	64	\$3.09	\$198	\$2.29	\$147	\$1,786	\$852	\$2,983	\$4.41	\$282	\$3.27	\$209	\$970	\$585	\$2,046	\$480	\$356	\$2,756	\$1,437	\$5,029
10199525	GSRLPLSS		OHIO	TR --OH-GREENVILLE-307 N MAIN ST BLDG --CPG-LEAKDISC #10114128	07/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	70	\$1.06	\$74	\$0.39	\$27	\$1,786	\$755	\$2,642	\$5.94	\$416	\$2.16	\$152	\$970	\$615	\$2,153	\$490	\$179	\$2,756	\$1,370	\$4,794
10122204	GSRLPLSS		OHIO	DW --OH-VANDALIA-875 POOL AVE --CPG-GSRPLSS-- CPG-GSRPLSS	07/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	7	\$1.06	\$7	\$0.39	\$3	\$1,786	\$718	\$2,515	\$5.94	\$42	\$2.16	\$15	\$970	\$411	\$1,437	\$49	\$18	\$2,756	\$1,129	\$3,952
10200288	GSRLPLSS		OHIO	TR --OH-TIP CITY-568 DOUGLAS WAY --CPG-LEAKDISC #10114598	07/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	35	\$1.06	\$37	\$0.39	\$13	\$1,786	\$735	\$2,571	\$5.94	\$208	\$2.16	\$76	\$970	\$502	\$1,755	\$245	\$89	\$2,756	\$1,236	\$3,426
10200118	GSRLPLSL		OHIO	TR --OH-TIP CITY-527 BARBARA DR BLDG --CPG-LEAKDISC #10110323	07/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	44	\$1.06	\$47	\$0.39	\$17	\$1,786	\$740	\$2,589	\$5.94	\$261	\$2.16	\$95	\$970	\$531	\$1,857	\$308	\$112	\$2,756	\$1,270	\$4,447
10199934	GSRLPLSS		OHIO	TR --OH-GREENVILLE-326 N MAIN ST BLDG --CPG-LEAKDISC #10114127	07/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	58	\$1.06	\$61	\$0.39	\$22	\$1,786	\$748	\$2,617	\$5.94	\$345	\$2.16	\$126	\$970	\$576	\$2,016	\$406	\$148	\$2,756	\$1,324	\$4,634
10202358	GSRLPLSS		OHIO	BF --OH-BELLEFONTAINE-416 E CHILLICOTHE AVE APT --CPG-LEAKDISC #10112326	07/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	155	\$1.06	\$164	\$0.39	\$60	\$1,786	\$804	\$2,813	\$5.94	\$921	\$2.16	\$336	\$970	\$891	\$3,117	\$1,085	\$395	\$2,756	\$1,695	\$5,931
10124647	GSRLPLSS		OHIO	DW --OH-DAYTON-1951 ONTARIO AVE --CPG-GSRPLSS-- CPG-GSRPLSS	07/13/13	MDPE	1.00 INCH	Curb to Meter	45	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$360	\$4.08	\$184	\$2,345	\$1,155	\$4,044	\$360	\$184	\$2,345	\$1,155	\$4,044
10124729	GSRLPLSL		OHIO	TR --OH-GREENVILLE-404 E FIFTH ST--CPG-LEAKDISC #10124709	07/13/13	MDPE	1.00 INCH	Curb to Meter	21	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$168	\$4.08	\$86	\$2,345	\$1,039	\$3,638	\$168	\$86	\$2,345	\$1,039	\$3,638
10124750	GSRLPLSS		OHIO	TR --OH-GREENVILLE-200 JOHN ST --CPG-LEAKDISC #10124730	07/13/13	MDPE	1.00 INCH	Curb to Meter	13	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$104	\$4.08	\$53	\$2,345	\$1,001	\$3,503	\$104	\$53	\$2,345	\$1,001	\$3,503
10232246	GSRLPLSS		OHIO	WC --OH-WASHINGTON COURT HOUSE-926 SCYMORE ST --LEAK DISC #10124626	07/15/13	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$216	\$4.08	\$110	\$2,345	\$1,068	\$3,740	\$216	\$110	\$2,345	\$1,068	\$3,740
97766408	GSRLPLSS		OHIO	FA --OH-WILMINGTON-257 HIGH --SVE RENEWAL	07/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	70	\$1.06	\$74	\$0.39	\$27	\$1,786	\$755	\$2,642	\$5.94	\$416	\$2.16	\$152	\$970	\$615	\$2,153	\$490	\$179	\$2,756	\$1,370	\$4,794
10011458	RESZG		OHIO	FA --OH-XENIA-221 E KREPPS RD --RESIZE GAS	07/15/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10203899	GSRLPLSS		OHIO	TR --OH-SIDNEY-920 N MAIN AVE --CPG-LEAKDISC #10128347	07/16/13	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$336	\$4.08	\$171	\$2,345	\$1,141	\$3,963	\$336	\$171	\$2,345	\$1,141	\$3,963
10304998	GSRLPLSL		OHIO	DW --OH-DAYTON-1510 N KEOWEE ST --	07/16/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	54	\$3.09	\$167	\$2.29	\$124	\$1,786	\$831	\$2,907	\$4.41	\$238	\$3.27	\$177	\$970	\$554	\$1,939	\$405	\$300	\$2,756	\$1,384	\$4,846
10202555	GSRLPLSS		OHIO	TR --OH-FORT LORAMIE-55 S MAIN ST --CPG-LEAKDISC #10128338	07/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	48	\$1.06	\$51	\$0.39	\$18	\$1,786	\$742	\$2,597	\$5.94	\$285	\$2.16	\$104	\$970	\$544	\$1,903	\$336	\$122	\$2,756	\$1,286	\$4,500
10208626	GSRLPLSS		OHIO	FA --OH-DAYTON-5049 MUNDY CT --LEAK DISC #10126833	07/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	49	\$1.06	\$52	\$0.39	\$19	\$1,786	\$743	\$2,599	\$5.94	\$291	\$2.16	\$106	\$970	\$547	\$1,914	\$343	\$125	\$2,756	\$1,290	\$4,514
10202221	GSRLPLSS		OHIO	TR --OH-COVINGTON-123 E BROADWAY --CPG-LEAKDISC #10127398	07/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	54	\$1.06	\$57	\$0.39	\$21	\$1,786	\$746	\$2,609	\$5.94	\$321	\$2.16	\$117	\$970	\$563	\$1,971	\$378	\$138	\$2,756	\$1,309	\$4,580
10203615	GSRLPLSS		OHIO	TR --OH-ROY-830 TIMBER LN --CPG-LEAKDISC #10126430	07/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661
10203932	GSRLPLSS		OHIO	TR --OH-ROY-100 HARRISON ST BLDG --CPG-LEAKDISC #10129632	07/17/13	MDPE	1.00 INCH	Curb to Meter	60	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$480	\$4.08	\$245	\$2,345	\$1,228	\$4,298	\$480	\$245	\$2,345	\$1,228	\$4,298
10206849	GSRLPLSL		OHIO	CN --OH-WAYNESVILLE-160 FRANKLIN ST --CPG-GSRPLSL--LEAK DISC #10130997	07/17/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	45	\$3.09	\$139	\$2.29	\$103	\$1,786	\$811	\$2,839	\$4.41	\$198	\$3.27	\$147	\$970	\$526	\$1,842	\$338	\$250	\$2,756	\$1,337	\$4,681
10206710	GSRLPLSL		OHIO	CN --OH-DAYTON-1444 TAMPA AVE --LEAK DISC #6176693	07/17/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	65	\$3.09	\$201	\$2.29	\$149	\$1,786	\$854	\$2,990	\$4.41	\$287	\$3.27	\$213	\$970	\$588	\$2,057	\$488	\$361	\$2,756	\$1,442	\$5,047
10205303	GSRLPLSL		OHIO	TR --OH-PIQUA-929 CALDWELL ST --CPG-LEAKDISC #10131143	07/17/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	78	\$3.09	\$241	\$2.29	\$179	\$1,786	\$882	\$3,088	\$4.41	\$344	\$3.27	\$255	\$970	\$628	\$2,197	\$585	\$434	\$2,756	\$1,510	\$5,285
10203928	GSRLPLSS		OHIO	TR --OH-ROY-711 W RACE ST BLDG --CPG-LEAKDISC #10085924	07/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	37	\$1.06	\$39	\$0.39	\$14	\$1,786	\$736	\$2,575	\$5.94	\$220	\$2.16	\$80	\$970	\$508	\$1,778	\$259	\$94	\$2,756	\$1,244	\$3,453
10203930	GSRLPLSS		OHIO	TR --OH-COVINGTON-131 N WALL ST --CPG-LEAKDISC #6060337	07/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$17	\$1,786	\$740	\$2,591	\$5.94	\$267	\$2.16	\$97	\$970	\$534	\$1,869	\$315	\$115	\$2,756	\$1,274	\$4,460
10134110	GSRLPLSS		OHIO	DW --OH-DAYTON-1009 WALKMAN DR --CPG-GSRPLSS-- CPG-GSRPLSS (cross ref warona for dis	07/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	49	\$1.06	\$52	\$0.39	\$19	\$1,786	\$743	\$2,599	\$5.94	\$291	\$2.16	\$106	\$970	\$547	\$1,914	\$343	\$125	\$2,756	\$1,290	\$4,514
10212159	GSRLPLSS		OHIO	TR --OH-ROY-624 WASHINGTON ST --CPG-GSRPLSS--CPG--REPAIR-LEAKDISC #101342	07/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$54	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$548	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527
10212427	GSRLPLSS		OHIO	TR --OH-SIDNEY-733 N MAIN AVE --CPG-LEAKDISC #10135122	07/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$550	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527
10212427	GSRLPLSS		OHIO	TR --OH-SIDNEY-733 N MAIN AVE --CPG-LEAKDISC #10135122	07/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$550	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527
10288714	GSRLPLSL		OHIO	DW --OH-DAYTON-22 OXFORD AVE --	07/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	90	\$1.06	\$95	\$0.39	\$35	\$1,786	\$766													

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):

\$130

\$76

\$2,256

\$985

\$3,448

\$552

\$259

\$1,956

\$1,107

\$3,874

\$682

\$336

\$4,212

\$2,092

\$7,322

										Main to Curb (Non-Incremental)							Curb to Meter (Incremental)							Main to Curb + Curb to Meter						
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	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		
10161191	GSRPLSL	OHIO	TR	OH-GREENVILLE-228 MARKWITH AVE -- MOVE METER OUTSIDE , RUN NEW SERVICE	07/28/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	27	\$3.09	\$83	\$2.29	\$62	\$1,786	\$773	\$2,704	\$4.41	\$119	\$3.27	\$88	\$970	\$471	\$1,648	\$203	\$150	\$2,756	\$1,243	\$4,352		
10242795	GSRPLSS	OHIO	FA	OH-FAIRBORN-239 W GARLAND AVE --CPG-RENEW SERVICE	07/29/13	MDPE	1.00 INCH	Curb to Meter	46	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$368	\$4.08	\$188	\$2,345	\$1,160	\$4,061	\$368	\$188	\$2,345	\$1,160	\$4,061		
10301681	GSRPLSS	OHIO	DW	OH-DAYTON-5113 W HILLCREST AVE --	07/29/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	47	\$1.06	\$50	\$0.39	\$18	\$1,786	\$742	\$2,595	\$5.94	\$279	\$2.16	\$110	\$970	\$540	\$1,892	\$329	\$120	\$2,756	\$1,282	\$4,487		
10246419	GSRPLSS	OHIO	TR	OH-WEST MILTON-433 PARK AVE --CPG-LEAKDISC #10186424	07/29/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	63	\$1.06	\$67	\$0.39	\$24	\$1,786	\$751	\$2,628	\$5.94	\$374	\$2.16	\$136	\$970	\$592	\$2,073	\$441	\$161	\$2,756	\$1,343	\$4,701		
10246952	GSRPLSL	OHIO	TR	OH-PIQUA-1016 BOONE ST --CPG-LEAKDISC #10187628	07/30/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	68	\$3.09	\$210	\$2.29	\$156	\$1,786	\$861	\$3,013	\$4.41	\$300	\$3.27	\$222	\$970	\$597	\$2,089	\$510	\$378	\$2,756	\$1,458	\$5,102		
10245665	GSRPLSL	OHIO	TR	OH-GREENVILLE-217 MARKWITH AVE --SERVICE RENEWAL	07/30/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	70	\$3.09	\$216	\$2.29	\$160	\$1,786	\$865	\$3,028	\$4.41	\$309	\$3.27	\$229	\$970	\$603	\$2,111	\$525	\$389	\$2,756	\$1,468	\$5,138		
10246823	GSRPLSL	OHIO	TR	OH-SIDNEY-274 HILLCREST CT -CPG-GSRPLSL--CPG-LEAKDISC #10188433	07/30/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	84	\$3.09	\$260	\$2.29	\$192	\$1,786	\$895	\$3,133	\$4.41	\$370	\$3.27	\$275	\$970	\$646	\$2,261	\$630	\$467	\$2,756	\$1,541	\$5,394		
10249289	GSRPLSS	OHIO	TR	OH-TIPP CITY-709 W MAIN ST BLDG --CPG-LEAKDISC #10187158	07/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	35	\$1.06	\$37	\$0.39	\$13	\$1,786	\$735	\$2,571	\$5.94	\$208	\$2.16	\$76	\$970	\$502	\$1,755	\$245	\$89	\$2,756	\$1,236	\$4,326		
10249175	GSRPLSS	OHIO	TR	OH-TIPP CITY-25 AMOKEE PL BLDG --CPG-LEAKDISC #10187370	07/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	42	\$1.06	\$44	\$0.39	\$16	\$1,786	\$739	\$2,585	\$5.94	\$250	\$2.16	\$91	\$970	\$524	\$1,835	\$294	\$107	\$2,756	\$1,263	\$4,420		
10351151	GSRPLSS	OHIO	DW	OH-VANDALIA-402 CIRCLEVIEW DR BLDG --(SPELLED CIRCLEVIEW, NOT CIRCLE VIEW AS I	07/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	42	\$1.06	\$44	\$0.39	\$16	\$1,786	\$739	\$2,585	\$5.94	\$250	\$2.16	\$91	\$970	\$524	\$1,835	\$294	\$107	\$2,756	\$1,263	\$4,420		
10242440	GSRPLSS	OHIO	CN	OH-DAYTON-335 S BROADWAY ST --CPG-LEAK DISC #10187907	07/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	52	\$1.06	\$55	\$0.39	\$20	\$1,786	\$744	\$2,605	\$5.94	\$309	\$2.16	\$113	\$970	\$557	\$1,948	\$364	\$133	\$2,756	\$1,301	\$4,554		
10241897	GSRPLSS	OHIO	CN	OH-KETTERING-2712 CORLINGTON DR --CPG-LEAK DISC 10189659	07/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	64	\$1.06	\$68	\$0.39	\$25	\$1,786	\$751	\$2,630	\$5.94	\$380	\$2.16	\$139	\$970	\$596	\$2,084	\$448	\$163	\$2,756	\$1,347	\$4,714		
10250425	GSRPLSS	OHIO	TR	OH-PIQUA-331 BLAINE AVE --CPG-LEAKDISC #10193858	07/31/13	MDPE	1.00 INCH	Curb to Meter	27	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$216	\$4.08	\$110	\$2,345	\$1,068	\$3,740	\$216	\$110	\$2,345	\$1,068	\$3,740		
10284057	GSRPLSS	OHIO	DW	OH-DAYTON-1025 W FAIRVIEW AVE --	07/31/13	MDPE	1.00 INCH	Curb to Meter	57	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$456	\$4.08	\$233	\$2,345	\$1,213	\$4,247	\$456	\$233	\$2,345	\$1,213	\$4,247		
10283716	GSRPLSL	OHIO	DW	OH-DAYTON-1213 W FIRST ST --	07/31/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	47	\$3.09	\$145	\$2.29	\$108	\$1,786	\$816	\$2,854	\$4.41	\$207	\$3.27	\$154	\$970	\$532	\$1,863	\$353	\$261	\$2,756	\$1,348	\$4,718		
10250281	GSRPLSS	OHIO	TR	OH-PIQUA-826 BROADWAY ST -CPG-GSRPLSS--CPG-LEAKDISC #10192983	07/31/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	44	\$1.06	\$47	\$0.39	\$17	\$1,786	\$740	\$2,589	\$5.94	\$261	\$2.16	\$95	\$970	\$531	\$1,857	\$308	\$112	\$2,756	\$1,270	\$4,447		
10245984	GSRPLSS	OHIO	TR	OH-SIDNEY-312 S BROOKLYN AVE --CPG-LEAKDISC #10192630	07/31/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	54	\$1.06	\$57	\$0.39	\$21	\$1,786	\$746	\$2,609	\$5.94	\$321	\$2.16	\$117	\$970	\$563	\$1,971	\$378	\$138	\$2,756	\$1,309	\$4,580		
10249947	GSRPLSS	OHIO	TR	OH-PIQUA-606 BOONE ST --CPG-LEAKDISC #10193178	07/31/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	84	\$1.06	\$89	\$0.39	\$32	\$1,786	\$763	\$2,670	\$5.94	\$499	\$2.16	\$182	\$970	\$660	\$2,311	\$588	\$214	\$2,756	\$1,423	\$4,981		
9636053	GSRPLSS	OHIO	FA	OH-FAIRBORN-436 VINE ST APT A--SVC RENEWAL	07/31/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	90	\$1.06	\$95	\$0.39	\$35	\$1,786	\$766	\$2,682	\$5.94	\$535	\$2.16	\$195	\$970	\$680	\$2,380	\$630	\$230	\$2,756	\$1,446	\$5,062		
10264117	GSRPLPS	OHIO	TR	OH-PIQUA-212 E WATER ST --CPG-LEAKDISC #10192631	08/01/13	MDPE	1.00 INCH	Curb to Meter	31	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$248	\$4.08	\$126	\$2,345	\$1,088	\$3,807	\$248	\$126	\$2,345	\$1,088	\$3,807		
10264688	GSRPLPS	OHIO	TR	OH-PIQUA-708 BRICE AVE BLDG --CPG-LEAKDISC #10195496	08/01/13	MDPE	1.00 INCH	Curb to Meter	51	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$408	\$4.08	\$208	\$2,345	\$1,184	\$4,146	\$408	\$208	\$2,345	\$1,184	\$4,146		
10198272	GSRPLSL	OHIO	TR	OH-TROY-622 E CANAL ST -- SERVICE RENEWAL	08/01/13	MDPE	1.00 INCH	Curb to Meter	60	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$480	\$4.08	\$245	\$2,345	\$1,228	\$4,298	\$480	\$245	\$2,345	\$1,228	\$4,298		
10252347	GSRPLSS	OHIO	TR	OH-TROY-618 E CANAL ST --CPG-LEAKDISC #10198271	08/01/13	MDPE	1.00 INCH	Curb to Meter	60	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$480	\$4.08	\$245	\$2,345	\$1,228	\$4,298	\$480	\$245	\$2,345	\$1,228	\$4,298		
10252520	GSRPLSS	OHIO	TR	OH-SIDNEY-746 CLINTON AVE --CPG-LEAKDISC #10196075	08/01/13	MDPE	1.00 INCH	Curb to Meter	60	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$480	\$4.08	\$245	\$2,345	\$1,228	\$4,298	\$480	\$245	\$2,345	\$1,228	\$4,298		
10606525	GSRPLSS	OHIO	DW	OH-DAYTON-159 E HILLCREST AVE --	08/01/13	MDPE	1.00 INCH	Curb to Meter	61	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$488	\$4.08	\$249	\$2,345	\$1,233	\$4,315	\$488	\$249	\$2,345	\$1,233	\$4,315		
10196566	GSRPLSS	OHIO	TR	OH-PIQUA-1313 ELWOOD CIR -- RENEW CUSTOMER SERVICE AND MOVE METER OUTSIDE	08/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$17	\$1,786	\$740	\$2,591	\$5.94	\$267	\$2.16	\$97	\$970	\$554	\$1,869	\$315	\$115	\$2,756	\$1,274	\$4,460		
10252405	GSRPLSS	OHIO	CN	OH-KETTERING-2624 KENNEDY AVE --CPG	08/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	77	\$1.06	\$61	\$0.39	\$23	\$1,786	\$759	\$2,656	\$5.94	\$458	\$2.16	\$167	\$970	\$638	\$2,232	\$539	\$196	\$2,756	\$1,397	\$4,886		
10252894	GSRPLSS	OHIO	CN	OH-MIAMISBURG-1121 ELEVENTH ST --CPG	08/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	76	\$1.06	\$60	\$0.39	\$29	\$1,786	\$758	\$2,654	\$5.94	\$452	\$2.16	\$165	\$970	\$634	\$2,221	\$532	\$194	\$2,756	\$1,393	\$4,875		
10273129	GSRPLSS	OHIO	CN	OH-KETTERING-4785 ARCHMORE DR --CPG	08/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	81	\$1.06	\$66	\$0.39	\$31	\$1,786	\$761	\$2,664	\$5.94	\$481	\$2.16	\$175	\$970	\$651	\$2,277	\$567	\$207	\$2,756	\$1,412	\$4,941		
10202658	GSRPLSL	OHIO	CN	OH-OWAKWOOD-337 LONSDALE -CPG-GSRPLSL--LOCATE CLEARS 8/1 - SVC-CPG-GSRPLSL	08/02/13	MDPE	1.00 INCH	Curb to Meter	44	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$352	\$4.08	\$180	\$2,345	\$1,151	\$4,027	\$352	\$180	\$2,345	\$1,151	\$4,027		
10203520	GSRPLSL	OHIO	TR	OH-SIDNEY-227 S BROOKLYN AVE -CPG-GSRPLSL--LEAK-REPAIR-CPG-GSRPLSL	08/02/13	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00																		

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):

\$130

\$76

\$2,256

\$985

\$3,448

\$552

\$259

\$1,956

\$1,107

\$3,874

\$682

\$336

\$4,212

\$2,092

\$7,322

										Main to Curb (Non-Incremental)										Curb to Meter (Incremental)										Main to Curb + Curb to Meter				
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Main to Curb (Non-Incremental)					Subtotal main to curb		Curb to Meter (Incremental)					Subtotal 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	Labor cost/ft	Labor cost	Mat'l cost/ft	Mat'l cost	Misc cost	Overhead cost													
10220167	GSRLPLSSS	OHIO	CN	OH-KETTERING-1516 CORDELL DRIVE -CPG-GSRPLSSS~~	08/10/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077							
10156833	GSRLPLSSS	OHIO	TR	OH-GREENVILLE-111 GREENWOOD ---SVC RENEWAL	08/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	47	\$1.06	\$50	\$0.39	\$18	\$1,786	\$742	\$2,595	\$5.94	\$279	\$2.16	\$102	\$970	\$540	\$1,892	\$329	\$120	\$2,756	\$1,282	\$4,487						
10264714	GSRLPLSSS	OHIO	TR	OH-JACKSON CENTER-110 VILLAGE PKWY ---CPG-LEAKDISC #10203460	08/12/13	MDPE	1.00 INCH	Curb to Meter	37	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$296	\$4.08	\$151	\$2,345	\$1,117	\$3,909	\$296	\$151	\$2,345	\$1,117	\$3,909						
10268696	GSRLPLSL	OHIO	FA	OH-FAIRBORN-330 MADISON ST ---CPG-LEAKDISC #8164604	08/12/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	60	\$3.09	\$185	\$2.29	\$137	\$1,786	\$844	\$2,952	\$4.41	\$265	\$3.27	\$196	\$970	\$572	\$2,003	\$450	\$334	\$2,756	\$1,416	\$4,955						
10289606	GSRLPLSSS	OHIO	CN	OH-KETTERING-103 CASTLE DR ---SVC RENEWAL	08/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	21	\$1.06	\$22	\$0.39	\$8	\$1,786	\$727	\$2,543	\$5.94	\$125	\$2.16	\$45	\$970	\$456	\$1,596	\$147	\$54	\$2,756	\$1,183	\$4,139						
10328344	GSRLPLSSS	OHIO	CN	OH-MIAMISBURG-530 JEFFERSON ST ---SVC RENEWAL	08/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	37	\$1.06	\$39	\$0.39	\$14	\$1,786	\$736	\$2,575	\$5.94	\$220	\$2.16	\$80	\$970	\$508	\$1,778	\$259	\$94	\$2,756	\$1,244	\$4,353						
10356045	GSRLPLSSS	OHIO	DW	OH-DAYTON-2915 PRINCETON DR ---	08/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$17	\$1,786	\$740	\$2,591	\$5.94	\$267	\$2.16	\$97	\$970	\$534	\$1,869	\$315	\$115	\$2,756	\$1,274	\$4,460						
10220887	GSRLPLSL	OHIO	CN	OH-GERMANTOWN-50 N MAPLE STREET -CPG-GSRPLSL ---OUPS CLEARS 8/1-CPG-GSRPL	08/12/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	3	\$1.06	\$3	\$0.39	\$1	\$1,786	\$716	\$2,506	\$5.94	\$18	\$2.16	\$6	\$970	\$398	\$1,392	\$21	\$8	\$2,756	\$1,114	\$3,899						
10478735	GSRLPLSSS	OHIO	TR	OH-SIDNEY-534 FRANKLIN AVE ---CPG-LEAKDISC #10221861	08/13/13	MDPE	1.00 INCH	Curb to Meter	44	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$352	\$4.08	\$180	\$2,345	\$1,151	\$4,027	\$352	\$180	\$2,345	\$1,151	\$4,027						
10586541	GSRLPLSL	OHIO	TR	OH-TROY-102 E WEST ST BLDG ---CPG-LEAKDISC #10221901	08/13/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	62	\$3.09	\$192	\$2.29	\$142	\$1,786	\$848	\$2,967	\$4.41	\$273	\$3.27	\$203	\$970	\$578	\$2,025	\$465	\$345	\$2,756	\$1,426	\$4,992						
10277499	GSRLPLSSS	OHIO	CN	OH-KETTERING-2469 S PATTERSON BLVD ---SVC RENEWAL	08/13/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	56	\$1.06	\$59	\$0.39	\$22	\$1,786	\$747	\$2,613	\$5.94	\$333	\$2.16	\$121	\$970	\$570	\$1,994	\$392	\$143	\$2,756	\$1,316	\$4,607						
10269698	GSRLPLSSS	OHIO	FA	OH-KETTERING-1905 DORIS DR ---CPG	08/13/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	82	\$1.06	\$87	\$0.39	\$32	\$1,786	\$762	\$2,666	\$5.94	\$487	\$2.16	\$178	\$970	\$654	\$2,289	\$574	\$209	\$2,756	\$1,416	\$4,955						
10156772	GSRLPLSSS	OHIO	TR	OH-PIQUA-1309 SEVARS DR ---SVC RENEWAL	08/13/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	84	\$1.06	\$89	\$0.39	\$32	\$1,786	\$763	\$2,670	\$5.94	\$499	\$2.16	\$182	\$970	\$660	\$2,311	\$588	\$214	\$2,756	\$1,423	\$4,981						
10014968	RESZG	OHIO	CN	OH-MIAMISBURG-1241 BYERS RD --- RESIZE GAS	08/13/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077						
10287283	GSRLPLSL	OHIO	BF	OH-BELLEFONTAINE-415 S PARK ST BLDG ---CPG-LEAKDISC #10224727	08/14/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	45	\$3.09	\$139	\$2.29	\$103	\$1,786	\$811	\$2,839	\$4.41	\$198	\$3.27	\$147	\$970	\$526	\$1,842	\$338	\$250	\$2,756	\$1,337	\$4,681						
10297945	GSRLPLSSS	OHIO	BF	OH-BELLEFONTAINE-524 BROOKWOOD DR -CPG-GSRPLSSS---CPG-LEAKDISC #10225290	08/14/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	36	\$1.06	\$38	\$0.39	\$14	\$1,786	\$735	\$2,573	\$5.94	\$214	\$2.16	\$78	\$970	\$505	\$1,767	\$252	\$92	\$2,756	\$1,240	\$4,340						
10349639	GSRLPLSSS	OHIO	DW	OH-VANDALIA-535 N TIONDA DR ---	08/14/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	37	\$1.06	\$39	\$0.39	\$14	\$1,786	\$736	\$2,575	\$5.94	\$220	\$2.16	\$80	\$970	\$508	\$1,778	\$259	\$94	\$2,756	\$1,244	\$4,353						
10287148	GSRLPLSSS	OHIO	TR	OH-GREENVILLE-302 WAGNER AVE ---CPG-LEAKDISC #10224404	08/14/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	39	\$1.06	\$41	\$0.39	\$15	\$1,786	\$737	\$2,579	\$5.94	\$232	\$2.16	\$84	\$970	\$514	\$1,801	\$273	\$99	\$2,756	\$1,251	\$4,380						
8614725	RESZG	OHIO	FA	OH-BELLBROOK-332 SKYLAND DR --RESIZE GAS	08/14/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077						
10114890	RESZG	OHIO	FA	OH-DAYTON-3286 PENTAGON BLVD ---RESIZE GAS	08/14/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077						
10275451	GSRLPLSL	OHIO	FA	OH-XENIA-2891 WEST ENON RD ---CPG-LEAK DISC #10228447	08/15/13	MDPE	1.00 INCH	Curb to Meter	5	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$40	\$4.08	\$20	\$2,345	\$962	\$3,368	\$40	\$20	\$2,345	\$962	\$3,368						
10204426	GSRLPLSL	OHIO	TR	OH-TROY-612 S MARKET ST --- RENEW SERVICE	08/15/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	130	\$3.09	\$402	\$2.29	\$298	\$1,786	\$994	\$3,480	\$4.41	\$573	\$3.27	\$425	\$970	\$787	\$2,756	\$975	\$723	\$2,756	\$1,782	\$6,235						
10270768	GSRLPLSSS	OHIO	FA	OH-FAIRBORN-351 WAYNE DR ---LEAK DISC #10219397	08/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	35	\$1.06	\$37	\$0.39	\$13	\$1,786	\$735	\$2,571	\$5.94	\$208	\$2.16	\$76	\$970	\$502	\$1,755	\$245	\$89	\$2,756	\$1,236	\$4,326						
10232135	GSRLPLSL	OHIO	CN	OH-DAYTON-817 PAUL LAURENCE DUNBAR ST -CPG-GSRPLSL ---LOCATE CLEARS 8/1-CPG	08/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	35	\$1.06	\$37	\$0.39	\$13	\$1,786	\$735	\$2,571	\$5.94	\$208	\$2.16	\$76	\$970	\$502	\$1,755	\$245	\$89	\$2,756	\$1,236	\$4,326						
10232155	GSRLPLSSS	OHIO	BF	OH-BELLEFONTAINE-416 W CHILLICOTHE AVE---CPG-LEAKDISC #8131371	08/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	54	\$1.06	\$57	\$0.39	\$21	\$1,786	\$746	\$2,609	\$5.94	\$321	\$2.16	\$117	\$970	\$563	\$1,971	\$378	\$138	\$2,756	\$1,309	\$4,580						
10287400	GSRLPLSSS	OHIO	TR	OH-TROY-912 ATLANTIC ST BLDG ---CPG-LEAKDISC #10228778	08/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,982	\$385	\$140	\$2,756	\$1,313	\$4,594						
10326568	GSRLPLSSS	OHIO	CN	OH-KETTERING-1008 WILLOWDALE AVE ---SERV RENEWAL	08/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,982	\$385	\$140	\$2,756	\$1,313	\$4,594						
10297853	GSRLPLSSS	OHIO	TR	OH-TROY-773 S STAUNTON RD BLDG ---CPG-LEAKDISC #10227589	08/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	64	\$1.06	\$68	\$0.39	\$25	\$1,786	\$751	\$2,630	\$5.94	\$380	\$2.16	\$139	\$970	\$596	\$2,084	\$448	\$163	\$2,756	\$1,347	\$4,714						
10319625	GSRLPLSSS	OHIO	DW	OH-DAYTON-3574 STANFORD PL --- (3568-3570-3572-3574)	08/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	67	\$1.06	\$71	\$0.39	\$26	\$1,786	\$753	\$2,636	\$5.94	\$398	\$2.16	\$145	\$970	\$605	\$2,119	\$469	\$171	\$2,756	\$1,358	\$4,754						
10235964	GSRLPLSSS	OHIO	FA	OH-RIVERSIDE-4158 OAKDELL AVE -CPG-GSRPLSSS---LEAK DISC #10234491--REPAIR-CPG	08/16/13	MDPE	1.00 INCH	Curb to Meter	67	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$536	\$4.08	\$273	\$2,345	\$1,262	\$4,416	\$536	\$273	\$2,345	\$1,262	\$4,416						
10233607	GSRLPLSSS	OHIO	TR	OH-PIQUA-427 BRENTWOOD---CPG-LEAKDISC #10233580	08/16																													

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322		
										Main to Curb (Non-Incremental)				Curb to Meter (Incremental)				Main to Curb + Curb to Meter										
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Labor cost/tf	Labor cost	Mat'l cost/tf	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/tf	Labor cost	Mat'l cost/tf	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
10301571	GSRLPSSS	OHIO	FA	OH-DAYTON-607 ALEXANDER DR ---LEAK DISC #10268332	08/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	40	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$238	\$2.16	\$87	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393
10302119	GSRLPSSS	OHIO	FA	OH-DAYTON-1953 SPEICE AVE --- CPG- LEAK DISC #10268556	08/27/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	40	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$238	\$2.16	\$87	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393
9493200	RESZG	OHIO	FA	OH-XENIA-1330 BURNETT DR UNIT L, M---RESIZE GAS	08/27/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10304733	GSRLPSSS	OHIO	TR	OH-TROY-818 WASHINGTON ST BLDG ---CPG-LEAKDISC #10270936	08/28/13	MDPE	1.00 INCH	Curb to Meter	29	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$232	\$4.08	\$118	\$2,345	\$1,078	\$3,773	\$232	\$118	\$2,345	\$1,078	\$3,773
10271380	GSRLPLLS	OHIO	BF	OH-BELLEFONTAINE-135 N MADRIVER ST --- RETIRE OLD SERV AT MAIN. NEW TAP	08/28/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	55	\$3.09	\$170	\$2.29	\$126	\$1,786	\$833	\$2,915	\$4.41	\$243	\$3.27	\$180	\$970	\$557	\$1,949	\$413	\$306	\$2,756	\$1,390	\$4,864
1122023	RESZG	OHIO	CN	OH-DAYTON-3118 WINDING WAY --- RESIZE GAS	08/28/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	98	\$3.09	\$303	\$2.29	\$224	\$1,786	\$925	\$3,239	\$4.41	\$432	\$3.27	\$320	\$970	\$689	\$2,412	\$735	\$545	\$2,756	\$1,614	\$5,650
10350734	GSRLPLLS	OHIO	DW	OH-DAYTON-56 E NORMAN AVE ---	08/28/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	120	\$3.09	\$371	\$2.29	\$275	\$1,786	\$973	\$3,404	\$4.41	\$529	\$3.27	\$392	\$970	\$757	\$2,648	\$900	\$667	\$2,756	\$1,729	\$6,052
10360876	GSRLPSSS	OHIO	CN	OH-MIAMISBURG-16 MAYS AVENUE ---SVC RENEWAL	08/28/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	34	\$1.06	\$36	\$0.39	\$13	\$1,786	\$734	\$2,569	\$5.94	\$202	\$2.16	\$74	\$970	\$498	\$1,744	\$238	\$87	\$2,756	\$1,232	\$4,313
9793647	RESZG	OHIO	TR	OH-TROY-835 TIMBERLANE ---RESIZE GAS SVR	08/28/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661
7877376	RELOG	OHIO	CN	OH-WEST CARROLLTON-2549 ROSSINI RD-RELOG	08/28/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	85	\$1.06	\$90	\$0.39	\$33	\$1,786	\$763	\$2,672	\$5.94	\$505	\$2.16	\$184	\$970	\$664	\$2,323	\$595	\$217	\$2,756	\$1,427	\$4,995
8551811	RESZG	OHIO	DW	OH-DAYTON-4859 REDBAY DR ---RESZG	08/28/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10303286	GSRLPSSS	OHIO	FA	OH-RIVERSIDE-5034 WORCHESTER DR --- CPG-LEAK DISC #10275183	08/29/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	17	\$1.06	\$18	\$0.39	\$7	\$1,786	\$724	\$2,535	\$5.94	\$101	\$2.16	\$37	\$970	\$443	\$1,551	\$119	\$43	\$2,756	\$1,167	\$4,086
10278728	GSRLPSSS	OHIO	FA	OH-FAIRBORN-418 W DAYTON DR -CPG-GSRPLSSS--- CPG-LEAK DISC #10278708	08/29/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	6	\$1.06	\$6	\$0.39	\$2	\$1,786	\$718	\$2,513	\$5.94	\$36	\$2.16	\$13	\$970	\$407	\$1,426	\$42	\$15	\$2,756	\$1,125	\$3,939
10319602	GSRLPSSS	OHIO	DW	OH-HUBER HEIGHTS-7400 CEDAR KNOLL DR ---	08/29/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	52	\$1.06	\$55	\$0.39	\$20	\$1,786	\$744	\$2,605	\$5.94	\$309	\$2.16	\$113	\$970	\$557	\$1,948	\$364	\$133	\$2,756	\$1,301	\$4,554
10360472	GSRLPSSS	OHIO	CN	OH-DAYTON-7664 WASHINGTON PARK DR ---SERV RENEWAL	08/29/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	128	\$1.06	\$135	\$0.39	\$49	\$1,786	\$788	\$2,759	\$5.94	\$761	\$2.16	\$277	\$970	\$803	\$2,811	\$896	\$326	\$2,756	\$1,591	\$5,570
1026331	GSRLPSSS	OHIO	DW	OH-DAYTON-257 S TORRENCE ST -CPG-GSRPLSSS--- CPG-GSRPLSSS	08/30/13	MDPE	1.00 INCH	Curb to Meter	15	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$120	\$4.08	\$61	\$2,345	\$1,010	\$3,537	\$120	\$61	\$2,345	\$1,010	\$3,537
10280994	GSRLPSSS	OHIO	WC	OH-WILMINGTON-144 W SUGARTREE ST -CPG-GSRPLPSS---CPG-GSRPLPSS	08/30/13	MDPE	1.00 INCH	Curb to Meter	31	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$248	\$4.08	\$126	\$2,345	\$1,088	\$3,807	\$248	\$126	\$2,345	\$1,088	\$3,807
10862041	GSRLPLLS	OHIO	DW	OH-HUBER HEIGHTS-7425 CHATLAKE DR BLDG --- MOVE MTR FROM INSIDE FINISHED POR	08/30/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	57	\$3.09	\$176	\$2.29	\$131	\$1,786	\$837	\$2,930	\$4.41	\$251	\$3.27	\$186	\$970	\$563	\$1,971	\$428	\$317	\$2,756	\$1,400	\$4,901
10302211	GSRLPSSS	OHIO	FA	OH-YELLOW SPRINGS-107 MARSHALL ST --- CPG-LEAK DISC #10277704	08/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	64	\$1.06	\$68	\$0.39	\$25	\$1,786	\$751	\$2,630	\$5.94	\$380	\$2.16	\$139	\$970	\$596	\$2,084	\$448	\$163	\$2,756	\$1,347	\$4,714
10369040	GSRLPSSS	OHIO	CN	OH-MIAMISBURG-10149 WASHINGTON CHURCH RD ---SVC RENEWAL	08/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	67	\$1.06	\$71	\$0.39	\$26	\$1,786	\$753	\$2,636	\$5.94	\$398	\$2.16	\$145	\$970	\$605	\$2,119	\$469	\$171	\$2,756	\$1,358	\$4,754
10334441	GSRLPSSS	OHIO	CN	OH-TROY-729 GRANTS TRAIL ---SVC RENEWAL	08/30/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	118	\$1.06	\$125	\$0.39	\$45	\$1,786	\$782	\$2,739	\$5.94	\$701	\$2.16	\$255	\$970	\$771	\$2,697	\$856	\$301	\$2,756	\$1,553	\$5,436
10278707	GSRLPLLS	OHIO	DW	OH-EATON-215 E WADSWORTH ST -CPG-GSRPLPLS--- CPG-GSRPLPLS	08/31/13	MDPE	1.00 INCH	Curb to Meter	22	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$176	\$4.08	\$90	\$2,345	\$1,044	\$3,655	\$176	\$90	\$2,345	\$1,044	\$3,655
10281016	GSRLPSSS	OHIO	CN	OH-OKWOOD-29 WISTERIA DR -CPG-GSRPLSSS--- CPG-GSRPLSSS	08/31/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$17	\$1,786	\$740	\$2,591	\$5.94	\$267	\$2.16	\$97	\$970	\$534	\$1,869	\$315	\$115	\$2,756	\$1,274	\$4,460
10481395	GSRLPSSS	OHIO	DW	OH-TROTWOOD-4264 MOLANE ST ---	09/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	7	\$1.06	\$7	\$0.39	\$3	\$1,786	\$718	\$2,515	\$5.94	\$42	\$2.16	\$15	\$970	\$411	\$1,437	\$49	\$18	\$2,756	\$1,129	\$3,952
10486828	GSRLPSSS	OHIO	DW	OH-VANDALIA-849 SPARTAN AVE --- LEAK-REPAIR	09/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$17	\$1,786	\$740	\$2,591	\$5.94	\$267	\$2.16	\$97	\$970	\$534	\$1,869	\$315	\$115	\$2,756	\$1,274	\$4,460
10284395	GSRLPLLS	OHIO	FA	OH-FAIRBORN-500 W DAYTON DR -CPG-GSRPLSLS--- LEAK-DISC #10282966-CPG-GSRPLS	09/03/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$550	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527
10285436	GSRLPSSS	OHIO	FA	OH-XENIA-235 HARDACRE DR -CPG-GSRPLSSS--- CPG-GSRPLSSS	09/04/13	MDPE	1.00 INCH	Curb to Meter	4	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$32	\$4.08	\$16	\$2,345	\$957	\$3,351	\$32	\$16	\$2,345	\$957	\$3,351
10285769	GSRLPSSS	OHIO	BF	OH-LAKEVIEW-11994 STATE ROUTE 720---CPG-LEAKDISC #10284454	09/04/13	MDPE	1.00 INCH	Curb to Meter	100	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$800	\$4.08	\$408	\$2,345	\$1,421	\$4,974	\$800	\$408	\$2,345	\$1,421	\$4,974
10489376	GSRLPSSS	OHIO	DW	OH-DAYTON-63 S TORRENCE ST ---	09/04/13	MDPE	1.00 INCH	Curb to Meter	22	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$176	\$4.08	\$90	\$2,345	\$1,044	\$3,655	\$176	\$90	\$2,345	\$1,044	\$3,655
10320710	GSRLPSSS	OHIO	TR	OH-TIPP CITY-245 WOODLAWN DR BLDG ---CPG-LEAKDISC #10282055	09/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	10	\$1.06	\$11	\$0.39	\$4	\$1,786	\$720	\$2,521	\$5.94	\$59	\$2.16	\$22	\$970	\$420	\$1,472	\$70	\$28	\$2,756	\$1,141	\$3,992
10355493	GSRLPSSS	OHIO	CN	OH-MIAMISBURG-1612 SUE AVENUE ---SVC RENEWAL	09/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	65	\$1.06	\$69	\$0.39	\$25	\$1,786	\$752	\$2,632	\$5.94	\$386	\$2.16	\$141	\$970	\$599	\$2,096	\$455	\$166	\$2,756	\$1,351	\$4,727
10422887	GSRLPSSS	OHIO	DW	OH-WEST MANCHESTER-75 W HOLTZMULLER RD BLDG ---	09/04/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	65	\$1.06	\$69	\$0.39	\$25	\$1,786	\$752	\$2,632	\$5.94	\$386	\$2.16	\$141	\$970	\$599	\$2,096	\$455	\$166	\$2,756	\$1,351	\$4,727

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):		\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322			
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Main to Curb (Non-Incremental)						Curb to Meter (Incremental)						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	
10632811	GSRLPLSL	OHIO	DW	OH-DAYTON-824 WESTWOOD AVE ~~~	09/17/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	63	\$3.09	\$195	\$2.29	\$144	\$1,786	\$850	\$2,975	\$4.41	\$278	\$3.27	\$206	\$970	\$582	\$2,035	\$473	\$350	\$2,756	\$1,432	\$5,010	
10320757	GSRLPLSS	OHIO	DW	OH-DAYTON-1550 CAMPUS DR -CPG-GSRPLSSS~~~LEAK-REPAIR-CPG-GSRPLSSS	09/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	56	\$1.06	\$59	\$0.39	\$22	\$1,786	\$747	\$2,613	\$5.94	\$333	\$2.16	\$121	\$970	\$570	\$1,994	\$392	\$143	\$2,756	\$1,316	\$4,607	
10205349	RELOG	OHIO	TR	OH-VERSAILLES-507 E WARD ST ~~~RELOG	09/18/13	MDPE	1.00 INCH	Curb to Meter	80	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$640	\$4.08	\$326	\$2,345	\$1,325	\$4,636	\$640	\$326	\$2,345	\$1,325	\$4,636	
10633501	GSRLPLSSS	OHIO	DW	OH-DAYTON-825 WESTWOOD AVE ~~~	09/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	33	\$1.06	\$35	\$0.39	\$13	\$1,786	\$733	\$2,567	\$5.94	\$196	\$2.16	\$71	\$970	\$495	\$1,733	\$231	\$84	\$2,756	\$1,228	\$4,300	
10376839	GSRLPLSSS	OHIO	CN	OH-BELLBROOK-2239 VEMCO DR ~~~SVC RENEWAL	09/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	25	\$1.06	\$26	\$0.39	\$10	\$1,786	\$729	\$2,551	\$5.94	\$149	\$2.16	\$54	\$970	\$469	\$1,642	\$175	\$64	\$2,756	\$1,198	\$4,193	
10023569	GSRLPLSSS	OHIO	FA	OH-NEW CARLISLE-402 GLENAPPLE DR ~~~SVC RENEWAL	09/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	36	\$1.06	\$38	\$0.39	\$14	\$1,786	\$735	\$2,573	\$5.94	\$214	\$2.16	\$78	\$970	\$505	\$1,767	\$252	\$92	\$2,756	\$1,240	\$4,340	
10378043	GSRLPLSSS	OHIO	TR	OH-SIDNEY-230 N WALNUT AVE BLDG ~~~CPG-LEAKDISC #10321290	09/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,982	\$385	\$140	\$2,756	\$1,313	\$4,594	
10274382	RELOG	OHIO	CN	OH-WAYNESVILLE-266 S FOURTH ST-RELO ~~~BORE	09/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	66	\$1.06	\$70	\$0.39	\$25	\$1,786	\$752	\$2,634	\$5.94	\$392	\$2.16	\$143	\$970	\$602	\$2,107	\$462	\$168	\$2,756	\$1,355	\$4,741	
10327795	GSRLPLSL	OHIO	TR	OH-MINSTER-198 W SEVENTH ST~~~CPG-LEAKDISC #10327775	09/20/13	MDPE	1.00 INCH	Curb to Meter	30	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$240	\$4.08	\$122	\$2,345	\$1,083	\$3,790	\$240	\$122	\$2,345	\$1,083	\$3,790	
10378036	GSRLPLSSS	OHIO	TR	OH-PIQUA-1302 NICKLIN AVE ~~~CPG-LEAKDISC #10300165	09/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	28	\$1.06	\$30	\$0.39	\$11	\$1,786	\$731	\$2,557	\$5.94	\$166	\$2.16	\$61	\$970	\$479	\$1,676	\$196	\$71	\$2,756	\$1,209	\$4,233	
10378052	GSRLPLSS	OHIO	TR	OH-SIDNEY-726 MICHIGAN ST ~~~CPG-LEAKDISC #10209382	09/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	29	\$1.06	\$31	\$0.39	\$11	\$1,786	\$731	\$2,559	\$5.94	\$172	\$2.16	\$63	\$970	\$482	\$1,687	\$203	\$74	\$2,756	\$1,213	\$4,246	
10414238	GSRLPLSSS	OHIO	CN	OH-BELLBROOK-4145 ECKWORTH DR ~~~CPG	09/23/13	MDPE	1.00 INCH	Curb to Meter	70	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$560	\$4.08	\$286	\$2,345	\$1,276	\$4,467	\$560	\$286	\$2,345	\$1,276	\$4,467	
10023564	GSRLPLSSS	OHIO	CN	OH-WEST CARROLLTON-622 COTTAGE AVE ~~~SVC RENEWAL	09/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	75	\$1.06	\$79	\$0.39	\$29	\$1,786	\$758	\$2,652	\$5.94	\$446	\$2.16	\$162	\$970	\$631	\$2,209	\$525	\$191	\$2,756	\$1,389	\$4,861	
10336063	GSRLPLPL	OHIO	TR	OH-TIPP CITY-626 DONWIEVE CIR~~~CPG-LEAKDISC# 8137277	09/24/13	MDPE	1.00 INCH	Curb to Meter	46	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$368	\$4.08	\$188	\$2,345	\$1,160	\$4,061	\$368	\$188	\$2,345	\$1,160	\$4,061	
10340222	GSRLPLPL	OHIO	TR	OH-TIPP CITY-3 E MAIN ST ~~~REPLACE SERVICE 3 E MAIN ST	09/24/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	17	\$3.09	\$53	\$2.29	\$39	\$1,786	\$751	\$2,628	\$4.41	\$75	\$3.27	\$56	\$970	\$440	\$1,541	\$128	\$95	\$2,756	\$1,191	\$4,169	
10428860	GSRLPLSL	OHIO	DW	OH-DAYTON-411 SHOOP AVE ~~~	09/24/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	39	\$3.09	\$121	\$2.29	\$89	\$1,786	\$798	\$2,794	\$4.41	\$172	\$3.27	\$128	\$970	\$508	\$1,777	\$293	\$217	\$2,756	\$1,306	\$4,571	
10527711	GSRLPLSL	OHIO	DW	OH-EATON-401 BRUCE ST ~ GSRPLSL	09/24/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	52	\$3.09	\$161	\$2.29	\$119	\$1,786	\$826	\$2,892	\$4.41	\$229	\$3.27	\$170	\$970	\$548	\$1,917	\$390	\$289	\$2,756	\$1,374	\$4,809	
10375669	GSRLPLSSS	OHIO	FA	OH-YELLOW SPRINGS-342 S STAFFORD ~~~ LEAK DISC #10329213	09/24/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	25	\$1.06	\$26	\$0.39	\$10	\$1,786	\$729	\$2,551	\$5.94	\$149	\$2.16	\$54	\$970	\$469	\$1,642	\$175	\$64	\$2,756	\$1,198	\$4,193	
10383272	GSRLPLSSS	OHIO	CN	OH-DAYTON-814 SANTA CRUZ AVE ~~~SVC RENEWAL	09/24/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	53	\$1.06	\$56	\$0.39	\$20	\$1,786	\$745	\$2,607	\$5.94	\$315	\$2.16	\$115	\$970	\$560	\$1,960	\$371	\$135	\$2,756	\$1,305	\$4,567	
10383153	GSRLPLSSS	OHIO	CN	OH-BELLBROOK-2305 S LINDA DR ~~~SVC RENEWAL	09/24/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,982	\$385	\$140	\$2,756	\$1,313	\$4,594	
10252414	RELOG	OHIO	TR	OH-TROY-194 W DAKOTA ST BLDG ~~~SERVICE RUNS UNDER GARAGE=VERIFY & RELOCAT	09/24/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	67	\$1.06	\$71	\$0.39	\$26	\$1,786	\$753	\$2,636	\$5.94	\$398	\$2.16	\$145	\$970	\$605	\$2,119	\$469	\$171	\$2,756	\$1,358	\$4,754	
10516282	GSRLPLSS	OHIO	DW	OH-RIVERSIDE-4315 BEACH HAVEN CT ~~~	09/24/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	76	\$1.06	\$80	\$0.39	\$29	\$1,786	\$758	\$2,654	\$5.94	\$452	\$2.16	\$165	\$970	\$634	\$2,221	\$532	\$194	\$2,756	\$1,393	\$4,875	
9939953	RESZG	OHIO	TR	OH-TROY-1735 FOX RUN RD-RESZ ~~~	09/24/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
10389060	GSRLPLSL	OHIO	TR	OH-PIQUA-1202 W HIGH ST ~~~CPG-LEAKDISC #10335174	09/25/13	MDPE	1.00 INCH	Curb to Meter	42	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$336	\$4.08	\$171	\$2,345	\$1,141	\$3,993	\$336	\$171	\$2,345	\$1,141	\$3,993	
10611033	GSRLPLSS	OHIO	DW	OH-TROTWOOD-5918 CULZEAN ~~~REPLACED 2" PIPE SECTION	09/25/13	MDPE	1.00 INCH	Main to Curb - Short Side	2	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451
10388959	GSRLPLSL	OHIO	TR	OH-PIQUA-1110 FISK ST ~~~CPG-LEAKDISC #10334585	09/25/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	55	\$3.09	\$170	\$2.29	\$126	\$1,786	\$833	\$2,915	\$4.41	\$243	\$3.27	\$180	\$970	\$557	\$1,949	\$413	\$306	\$2,756	\$1,390	\$4,864	
10342442	GSRLPLSSS	OHIO	TR	OH-COVINGTON-578 S HIGH ST ~~~CPG-LEAKDISC #10210967-LEAK-REPAIR-CPG-GSRPLSSS	09/25/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	57	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$308	\$2.16	\$107	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393	
10316555	RESZG	OHIO	CN	OH - CENTERVILLE - 10663 MARIAM LN - RESIZE	09/25/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077	
10484328	GSRLPLSSS	OHIO	CN	OH-DAYTON-861 S GETTYSBURG ~~~CPG	09/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	19	\$1.06	\$20	\$0.39	\$7	\$1,786	\$725	\$2,539	\$5.94	\$113	\$2.16	\$41	\$970	\$450	\$1,574	\$133	\$48	\$2,756	\$1,175	\$4,112	
10464667	GSRLPLSSS	OHIO	FA	OH-FAIRBORN-118 W MAIN ST ~~~LEAK DISC #9747914	09/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	30	\$1.06	\$32	\$0.39	\$12	\$1,786	\$732	\$2,561	\$5.94	\$178	\$2.16	\$65	\$970	\$485	\$1,699	\$210	\$77	\$2,756	\$1,217	\$4,260	
10465897	GSRLPLSSS	OHIO	DW	OH-DAYTON-254 S FINDLAY ST ~~~CPG-LEAK DISC #10348147	09/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	35	\$1.06	\$37	\$0.39	\$13	\$1,786	\$735	\$2,571	\$5.94	\$208	\$2.16	\$76	\$970	\$502	\$1,755	\$245	\$89	\$2,756	\$1,236	\$4,326	
10479123	GSRLPLSSS	OHIO	TR	OH-PIQUA-17 OMEGA DR ~~~CPG-LEAKDISC #10341504	09/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$550	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527	
10383																													

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):

\$130

\$76

\$2,256

\$985

\$3,448

\$552

\$259

\$1,956

\$1,107

\$3,874

\$682

\$336

\$4,212

\$2,092

\$7,322

										Main to Curb (Non-Incremental)							Curb to Meter (Incremental)							Main to Curb + Curb to Meter						
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	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		
10468559	GSRLPLSS	OHIO	WC	OH-BLOOMINGBURG-71 BIDDLE BLVD LOT 44 & 45 ---CPG-LEAK DISC #10389063	10/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	14	\$1.06	\$15	\$0.39	\$5	\$1,786	\$722	\$2,529	\$5.94	\$83	\$2.16	\$30	\$970	\$433	\$1,517	\$98	\$36	\$2,756	\$1,156	\$4,046		
10625273	GSRLPLSS	OHIO	DW	OH-HUBER HEIGHTS-5364 FLORON AVE ---	10/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	47	\$1.06	\$50	\$0.39	\$18	\$1,786	\$742	\$2,595	\$5.94	\$279	\$2.16	\$102	\$970	\$540	\$1,892	\$329	\$120	\$2,756	\$1,282	\$4,487		
10395877	GSRLPLSS	OHIO	TR	OH-SIDNEY-613 WILSON AVE ---CPG-LEAKDISC #10395857	10/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	78	\$1.06	\$82	\$0.39	\$30	\$1,786	\$759	\$2,658	\$5.94	\$464	\$2.16	\$169	\$970	\$641	\$2,243	\$546	\$199	\$2,756	\$1,400	\$4,901		
10469844	GSRLPLSS	OHIO	CN	OH-KETTERING-1929 CULVER DR ---SVC RENEWAL	10/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661		
10484918	GSRLPLSS	OHIO	CN	OH-BELLBROOK-2328 LAKEVIEW DR ---CPG	10/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	77	\$1.06	\$81	\$0.39	\$30	\$1,786	\$759	\$2,652	\$5.94	\$458	\$2.16	\$167	\$970	\$638	\$2,232	\$539	\$196	\$2,756	\$1,397	\$4,888		
10396134	GSRLPLSS	OHIO	DW	OH-DAYTON-519 ELM GROVE ---SVC RENEWAL	10/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	80	\$1.06	\$85	\$0.39	\$31	\$1,786	\$761	\$2,662	\$5.94	\$475	\$2.16	\$173	\$970	\$647	\$2,266	\$560	\$204	\$2,756	\$1,408	\$4,928		
9747219	GSRLPLSS	OHIO	FA	OH-FAIRBORN-465 KIRKWOOD DR ---SVC RENEWAL	10/11/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	120	\$1.06	\$127	\$0.39	\$46	\$1,786	\$784	\$2,743	\$5.94	\$713	\$2.16	\$260	\$970	\$777	\$2,720	\$840	\$306	\$2,756	\$1,561	\$5,463		
10486061	GSRLPLSS	OHIO	BF	OH-BELLEFONTAINE-601 PLUMVALLEY ST ---CPG-LEAKDISC #10384004	10/14/13	MDPE	1.00 INCH	Curb to Meter	92	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$736	\$4.08	\$375	\$2,345	\$1,383	\$4,839	\$736	\$375	\$2,345	\$1,383	\$4,839		
10472109	GSRLPLSS	OHIO	FA	OH-DAYTON-220 S SMITHVILLE ST ---CPG	10/14/13	MDPE	1.00 INCH	Main to Curb - Short Side	3	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451	
10764919	GSRLPLSS	OHIO	DW	OH-DAYTON-126 HENRY ST HSMTR ---SERVICE	10/14/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	42	\$3.09	\$130	\$2.29	\$96	\$1,786	\$805	\$2,817	\$4.41	\$185	\$3.27	\$137	\$970	\$517	\$1,810	\$315	\$234	\$2,756	\$1,322	\$4,626		
10489163	GSRLPLSS	OHIO	TR	OH-TROY-115 E FRANKLIN ST ---CPG-LEAKDISC #10384069	10/14/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	46	\$3.09	\$142	\$2.29	\$105	\$1,786	\$813	\$2,847	\$4.41	\$203	\$3.27	\$150	\$970	\$529	\$1,853	\$345	\$256	\$2,756	\$1,343	\$4,699		
10470350	GSRLPLSS	OHIO	WC	OH-WASHINGTON COURT HOUSE-306 MCELWAIN ST --- PER ROB WEETHEE 'S WANTS METER	10/14/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	33	\$1.06	\$35	\$0.39	\$13	\$1,786	\$733	\$2,587	\$5.94	\$196	\$2.16	\$71	\$970	\$495	\$1,733	\$231	\$84	\$2,756	\$1,228	\$4,300		
10397346	GSRLPLSS	OHIO	DW	OH-DAYTON-38 PERRINE ST -CPG-GSRPLSSS ---LEAK REPAIR-CPG-GSRPLSS	10/14/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,982	\$385	\$140	\$2,756	\$1,313	\$4,594		
10385619	GSRLPLSS	OHIO	BF	OH-RUSSELLS POINT-7949 HICKORY AVE ---RENEW SERVICE AND RAISE METER SETTING	10/14/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077		
10489172	GSRLPLSS	OHIO	TR	OH-PIQUA-605 ANN ST ---CPG-LEAKDISC #10398205	10/15/13	MDPE	1.00 INCH	Curb to Meter	12	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$96	\$4.08	\$49	\$2,345	\$996	\$3,486	\$96	\$49	\$2,345	\$996	\$3,486		
10489194	GSRLPLSS	OHIO	TR	OH-PIQUA-8645 N COUNTY ROAD 25A ---CPG-LEAKDISC #10398728	10/15/13	MDPE	1.00 INCH	Curb to Meter	110	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$880	\$4.08	\$449	\$2,345	\$1,470	\$5,143	\$880	\$449	\$2,345	\$1,470	\$5,143		
10376540	GSRLPLSS	OHIO	TR	OH-TROY-221 S. MARKET ST --- RENEW SERVICE SET 630 METER	10/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	37	\$1.06	\$39	\$0.39	\$14	\$1,786	\$736	\$2,575	\$5.94	\$220	\$2.16	\$80	\$970	\$508	\$1,778	\$259	\$94	\$2,756	\$1,244	\$4,353		
10474695	GSRLPLSS	OHIO	CN	OH-DAYTON-908 GREENMOUNT BLVD BLDG ---	10/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	56	\$1.06	\$59	\$0.39	\$22	\$1,786	\$747	\$2,613	\$5.94	\$333	\$2.16	\$121	\$970	\$570	\$1,994	\$392	\$143	\$2,756	\$1,316	\$4,607		
10485868	GSRLPLSS	OHIO	TR	OH-SIDNEY-621 N MAIN AVE BLDG ---CPG-LEAKDISC #10398946	10/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	86	\$1.06	\$91	\$0.39	\$33	\$1,786	\$764	\$2,674	\$5.94	\$511	\$2.16	\$186	\$970	\$667	\$2,334	\$602	\$219	\$2,756	\$1,431	\$5,008		
10474730	GSRLPLSS	OHIO	CN	OH-KETTERING-754 STANBRIDGE DR ---SERVICE RENEWAL	10/15/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	95	\$1.06	\$100	\$0.39	\$37	\$1,786	\$769	\$2,692	\$5.94	\$565	\$2.16	\$206	\$970	\$696	\$2,436	\$665	\$242	\$2,756	\$1,465	\$5,129		
10401955	GSRLPLSS	OHIO	FA	OH-FAIRBORN-203 W ROUTZONG DR ---CPG- RENEW SERVICE	10/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	85	\$1.06	\$90	\$0.39	\$33	\$1,786	\$763	\$2,672	\$5.94	\$505	\$2.16	\$184	\$970	\$664	\$2,323	\$595	\$217	\$2,756	\$1,427	\$4,995		
10405090	GSRLPLSS	OHIO	CN	OH-BELLBROOK-34 E FRANKLIN ---SERVICE RENEWAL	10/17/13	MDPE	1.00 INCH	Curb to Meter	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$0	\$4.08	\$0	\$2,345	\$938	\$3,283	\$0	\$0	\$2,345	\$938	\$3,283		
10490727	GSRLPLSS	OHIO	CN	OH-MORAINE-4516 PENSACOLA BLVD ---SVC RENEWAL	10/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	34	\$1.06	\$36	\$0.39	\$13	\$1,786	\$734	\$2,569	\$5.94	\$202	\$2.16	\$74	\$970	\$498	\$1,744	\$238	\$87	\$2,756	\$1,232	\$4,313		
10624943	GSRLPLSS	OHIO	CN	OH-WEST CARROLLTON-2609 RHAPSODY DRIVE ---SERVICE RENEWAL	10/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	40	\$1.06	\$42	\$0.39	\$15	\$1,786	\$737	\$2,581	\$5.94	\$238	\$2.16	\$87	\$970	\$518	\$1,812	\$280	\$102	\$2,756	\$1,255	\$4,393		
10470067	GSRLPLSS	OHIO	FA	OH-FAIRBORN-2013 CENTRALIA ST.-CPG-GSRPLSSS --- OUPS CLEARS 10/1 - STREET-CPG-	10/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	96	\$1.06	\$101	\$0.39	\$37	\$1,786	\$770	\$2,694	\$5.94	\$571	\$2.16	\$208	\$970	\$699	\$2,448	\$672	\$245	\$2,756	\$1,469	\$5,142		
10410703	GSRLPLSS	OHIO	CN	OH-FAIRBORN-506 GRANT ST.-CPG-GSRPLSSS --- CPG-GSRPLSSS	10/18/13	MDPE	1.00 INCH	Curb to Meter	30	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$240	\$4.08	\$122	\$2,345	\$1,083	\$3,790	\$240	\$					

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):

\$130

\$76

\$2,256

\$985

\$3,448

\$552

\$259

\$1,956

\$1,107

\$3,874

\$682

\$336

\$4,212

\$2,092

\$7,322

WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Main to Curb (Non-Incremental)										Curb to Meter (Incremental)										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						
10780078	GSRLPLSS	OHIO	FA	OH-DAYTON-556 TRAVIS DR --SERVICE RENEWAL	11/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	69	\$1.06	\$73	\$0.39	\$27	\$1,786	\$754	\$2,640	\$5.94	\$410	\$2.16	\$149	\$970	\$612	\$2,141	\$483	\$176	\$2,756	\$1,366	\$4,781						
10781081	GSRLPLSS	OHIO	FA	OH-XENIA-1468 N DETROIT ST --CPG-LEAKDISC #10469765	11/01/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	76	\$1.06	\$80	\$0.39	\$29	\$1,786	\$758	\$2,654	\$5.94	\$452	\$2.16	\$165	\$970	\$634	\$2,221	\$532	\$194	\$2,756	\$1,393	\$4,875						
10472744	GSRLPLSS	OHIO	FA	OH-XENIA-128 RIDGEBURY DR -CPG-LEAK DISC #10472724	11/02/13	MDPE	1.00 INCH	Curb to Meter	48	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$384	\$4.08	\$196	\$2,345	\$1,170	\$4,095	\$384	\$196	\$2,345	\$1,170	\$4,095						
10690671	GSRLPLSS	OHIO	CN	OH-BELLBROOK-2256 MISSION LN --SVC RENEWAL	11/04/13	MDPE	1.00 INCH	Curb to Meter	62	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$496	\$4.08	\$253	\$2,345	\$1,238	\$4,332	\$496	\$253	\$2,345	\$1,238	\$4,332						
10690779	GSRLPLSS	OHIO	CN	OH-CENTERVILLE-1202 PEACHCREEK RD --SVC RENEWAL	11/05/13	MDPE	1.00 INCH	Curb to Meter	55	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$440	\$4.08	\$224	\$2,345	\$1,204	\$4,213	\$440	\$224	\$2,345	\$1,204	\$4,213						
10851467	GSRLPLSL	OHIO	DW	OH-DAYTON-2501 E THIRD ST UNIT ---	11/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	54	\$3.09	\$167	\$2.29	\$124	\$1,786	\$831	\$2,907	\$4.41	\$238	\$3.27	\$177	\$970	\$554	\$1,939	\$405	\$300	\$2,756	\$1,384	\$4,846						
10620119	GSRLPLSL	OHIO	TR	OH-COVINGTON-109 S LUDLOW ST --CPG-LEAKDISC #10088926	11/05/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	87	\$3.09	\$269	\$2.29	\$199	\$1,786	\$902	\$3,156	\$4.41	\$384	\$3.27	\$284	\$970	\$655	\$2,293	\$653	\$484	\$2,756	\$1,557	\$5,449						
10625400	GSRLPLSS	OHIO	CN	OH-WEST CARROLLTON-237 GRANTWOOD DR --SERV RENEWAL	11/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	63	\$1.06	\$67	\$0.39	\$24	\$1,786	\$751	\$2,628	\$5.94	\$374	\$2.16	\$136	\$970	\$592	\$2,073	\$441	\$161	\$2,756	\$1,343	\$4,701						
10480632	GSRLPLSS	OHIO	TR	OH-BRADFORD-105 N MIAMI AVE --CPG-REPLACE SERVICE	11/05/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	67	\$1.06	\$71	\$0.39	\$26	\$1,786	\$753	\$2,636	\$5.94	\$398	\$2.16	\$145	\$970	\$605	\$2,119	\$469	\$171	\$2,756	\$1,358	\$4,754						
10586653	GSRLPLSS	OHIO	TR	OH-SIDNEY-322 PARK ST ---CPG-LEAKDISC #10417637	11/06/13	MDPE	1.00 INCH	Curb to Meter	40	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$320	\$4.08	\$163	\$2,345	\$1,131	\$3,959	\$320	\$163	\$2,345	\$1,131	\$3,959						
10729189	GSRLPLSL	OHIO	DW	OH-DAYTON-4026 N MAIN ST -- NO GAS . POSSIBLE BLOCKAGE IN GAS LINE	11/06/13	MDPE	1.00 INCH	Main to Curb - Long Side	0	Unit cost	\$403	Unit cost	\$336	\$2,756	\$1,398	\$4,893	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$403	\$336	\$2,756	\$1,398	\$4,893					
10474045	GSRLPLSL	OHIO	TR	OH-TROY-121 W FRANKLIN ST -- SERVICE REPLACMENT	11/06/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	43	\$3.09	\$133	\$2.29	\$99	\$1,786	\$807	\$2,824	\$4.41	\$190	\$3.27	\$141	\$970	\$520	\$1,820	\$323	\$239	\$2,756	\$1,327	\$4,645						
10628720	GSRLPLSS	OHIO	CN	OH-WAYNESVILLE-168 HIGH ST --SVC RENEWAL	11/06/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	28	\$1.06	\$30	\$0.39	\$11	\$1,786	\$731	\$2,557	\$5.94	\$166	\$2.16	\$61	\$970	\$479	\$1,676	\$198	\$71	\$2,756	\$1,209	\$4,233						
10625111	GSRLPLSS	OHIO	CN	OH-DAYTON-1727 FAUVER AVE --SERVICE RENEWAL	11/06/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$12	\$1,786	\$740	\$2,561	\$5.94	\$267	\$2.16	\$97	\$970	\$554	\$1,869	\$315	\$205	\$2,756	\$1,274	\$4,460						
10480574	GSRLPLSS	OHIO	TR	OH-BRADFORD-123 SCHOOL ST --CPG-REPLACE SERVICE	11/06/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	53	\$1.06	\$56	\$0.39	\$20	\$1,786	\$745	\$2,607	\$5.94	\$315	\$2.16	\$115	\$970	\$560	\$1,960	\$371	\$135	\$2,756	\$1,305	\$4,567						
10625363	GSRLPLSS	OHIO	CN	OH-DAYTON-1465 KIMMEL LN --SERV RENEWAL	11/06/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	53	\$1.06	\$56	\$0.39	\$20	\$1,786	\$745	\$2,607	\$5.94	\$315	\$2.16	\$115	\$970	\$560	\$1,960	\$371	\$135	\$2,756	\$1,305	\$4,567						
10478312	GSRLPLSL	OHIO	FA	OH-XENIA-274 LOWELL DR -- RENEW SERVICE	11/07/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	52	\$3.09	\$161	\$2.29	\$119	\$1,786	\$826	\$2,892	\$4.41	\$229	\$3.27	\$170	\$970	\$548	\$1,917	\$390	\$289	\$2,756	\$1,374	\$4,809						
10640064	GSRLPLSL	OHIO	TR	OH-COVINGTON-117 S LUDLOW ST BLDG --CPG-LEAKDISC #10481458	11/07/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	64	\$3.09	\$198	\$2.29	\$147	\$1,786	\$852	\$2,983	\$4.41	\$282	\$3.27	\$209	\$970	\$585	\$2,046	\$480</										

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

Totals (\$000s):										\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322				
										Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Main to Curb + Curb to Meter								
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	pipe_installed-length	Labor cost/t/f	Labor cost	Mat'l cost/t/f	Mat'l cost	Misc cost	Overhead cost	Subtotal main to curb	Labor cost/t/f	Labor cost	Mat'l cost/t/f	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
10706784	GSRLPLSS	OHIO	TR	OH-WEST MILTON-205 STILLWATER ST --CPG-LEAKDISC #10524021	11/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	39	\$1.06	\$41	\$0.39	\$15	\$1,786	\$737	\$2,579	\$5.94	\$232	\$2.16	\$84	\$970	\$514	\$1,801	\$273	\$99	\$2,756	\$1,251	\$4,380
10738794	GSRLPLSS	OHIO	CN	OH-OKWOOD-936 E SCHANTZ AVE --SVC RENEWAL	11/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	77	\$1.06	\$81	\$0.39	\$30	\$1,786	\$759	\$2,656	\$5.94	\$458	\$2.16	\$167	\$970	\$638	\$2,232	\$539	\$196	\$2,756	\$1,397	\$4,888
10810305	GSRLPLSS	OHIO	CN	OH-DAYTON-611 WILMINGTON AVE --SVC RENEWAL	11/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	80	\$1.06	\$85	\$0.39	\$31	\$1,786	\$761	\$2,662	\$5.94	\$475	\$2.16	\$173	\$970	\$647	\$2,266	\$560	\$204	\$2,756	\$1,408	\$4,928
10278938	RESZG	OHIO	TR	OH-SIDNEY-2217 APACHE DR --RESZ	11/20/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10469808	RESZG	OHIO	TR	OH-TROY-1245 MACINTOSH CT-RESZG --	11/20/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10826528	GSRLPLSS	OHIO	FA	OH-KETTERING-1939 W BATAAN DR --CPG-LEAKDISC #10530021	11/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	33	\$1.06	\$35	\$0.39	\$13	\$1,786	\$733	\$2,567	\$5.94	\$196	\$2.16	\$71	\$970	\$495	\$1,733	\$231	\$84	\$2,756	\$1,228	\$4,300
10882168	GSRLPLSS	OHIO	CN	OH-OKWOOD-2520 HILLVIEW AVE --RENEW SERV	11/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	52	\$1.06	\$55	\$0.39	\$20	\$1,786	\$744	\$2,605	\$5.94	\$309	\$2.16	\$113	\$970	\$557	\$1,948	\$364	\$133	\$2,756	\$1,301	\$4,554
10691354	GSRLPLSS	OHIO	CN	OH-DAYTON-408 LIMBERLOST TRL --SVC RENEWAL	11/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	61	\$1.06	\$64	\$0.39	\$23	\$1,786	\$750	\$2,624	\$5.94	\$363	\$2.16	\$132	\$970	\$586	\$2,050	\$427	\$156	\$2,756	\$1,335	\$4,674
10759197	GSRLPLSS	OHIO	CN	OH-DAYTON-1913 INDIAN HEAD RD --SVC RENEWAL	11/21/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	98	\$1.06	\$104	\$0.39	\$38	\$1,786	\$771	\$2,698	\$5.94	\$582	\$2.16	\$212	\$970	\$706	\$2,470	\$686	\$250	\$2,756	\$1,477	\$5,169
10278948	RESZG	OHIO	TR	OH-SIDNEY-116 STEWART AVE --RESZ	11/21/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10334519	RESZG	OHIO	CN	OH-CENTERVILLE-6981 YANKEE ST --RESZG - NEED TO COORDINATE W/PLUMBER TO MIN	11/21/13	None	None installed	Meter set replacement	0	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	Unit cost	\$469	Unit cost	\$300	\$0	\$308	\$1,077	\$469	\$300	\$0	\$308	\$1,077
10754062	GSRLPLSS	OHIO	CN	OH-OKWOOD-86 E DIXON AVE W BLDG --SVC RENEWAL	11/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	33	\$1.06	\$35	\$0.39	\$13	\$1,786	\$733	\$2,567	\$5.94	\$196	\$2.16	\$71	\$970	\$495	\$1,733	\$231	\$84	\$2,756	\$1,228	\$4,300
10754052	GSRLPLSS	OHIO	CN	OH-CENTERVILLE-801 FAR HILLS AVE BLDG --SVC RENEWAL	11/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	46	\$1.06	\$49	\$0.39	\$18	\$1,786	\$741	\$2,593	\$5.94	\$273	\$2.16	\$100	\$970	\$537	\$1,880	\$322	\$117	\$2,756	\$1,278	\$4,473
10830316	GSRLPLSS	OHIO	CN	OH-RIVERSIDE-6593 MAYVILLE DR --CPG-LEAKDISC #10532384	11/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	50	\$1.06	\$53	\$0.39	\$19	\$1,786	\$743	\$2,601	\$5.94	\$297	\$2.16	\$108	\$970	\$509	\$1,926	\$350	\$128	\$2,756	\$1,293	\$4,527
10513019	GSRLPLSS	OHIO	FA	OH-FAIRBORN-433 LOHNES DR -- RENEW SERVICE	11/22/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	70	\$1.06	\$74	\$0.39	\$27	\$1,786	\$755	\$2,642	\$5.94	\$416	\$2.16	\$152	\$970	\$615	\$2,153	\$490	\$179	\$2,756	\$1,370	\$4,794
10537370	GSRLPLSS	OHIO	FA	OH-DAYTON-1150 SHARON AVE -CPG-GSRPLSS--LEAK DISC #10531062-CPG-GSRPLSS	11/23/13	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.00	\$256	\$4.08	\$131	\$2,345	\$1,093	\$3,824	\$256	\$131	\$2,345	\$1,093	\$3,824
10905696	GSRLPLS	OHIO	DW	OH-DAYTON-149 S HEDGES ST -LEAK-REPAIR--149 AND 151 (A DOUBLE) 151 IS INACTIVE	11/24/13	MDPE	1.00 INCH	Curb to Meter	32	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.00	\$256	\$4.08	\$131	\$2,345	\$1,093	\$3,824	\$256	\$131	\$2,345	\$1,093	\$3,824
10830318	GSRLPLSS	OHIO	CN	OH-DAYTON-1421 HIGHVIEW AVE --CPG-LEAKDISC #10536574	11/25/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	43	\$1.06	\$45	\$0.39	\$17	\$1,786	\$739	\$2,587	\$5.94	\$256	\$2.16	\$93	\$970	\$527	\$1,846	\$301	\$110	\$2,756	\$1,267	\$4,433
10523012	GSRLPLS	OHIO	TR	OH-VERSAILLES-235 & 237 N CENTER ST -- CPG-RENEW SERVICE	11/26/13	MDPE	1.00 INCH	Curb to Meter	18	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0.00	\$144	\$4.08	\$73	\$2,345	\$1,025	\$3,587	\$144	\$73	\$2,345	\$1,025	\$3,587
10537023	GSRLPLSS	OHIO	FA	OH-NEW CARLISLE-211 N SCOTT ST -- RENEW SERVICE	11/26/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	45	\$1.06	\$48	\$0.39	\$17	\$1,786	\$740	\$2,591	\$5.94	\$267	\$2.16	\$97	\$970	\$534	\$1,869	\$315	\$115	\$2,756	\$1,274	\$4,460

VEDO 2013 Service Replacement Work Order Detail & Cost Allocation

										Totals (\$000s):					\$130	\$76	\$2,256	\$985	\$3,448	\$552	\$259	\$1,956	\$1,107	\$3,874	\$682	\$336	\$4,212	\$2,092	\$7,322
										Main to Curb (Non-Incremental)					Curb to Meter (Incremental)					Main to Curb + Curb to Meter									
WONUM	WST	DIV	OC	DESCRIPTION	ACT_FINISH DATE	pipe_installed-material	pipe_installed-size	Service Replacement Type (per cost breakdown tab)	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	
10849994	GSRLPSSS	OHIO	FA	OH-CENTERVILLE-1121 CEDAR CREEK CIRCLE --SVC RENEWAL	12/16/13	MDPE	1.00 INCH	Curb to Meter	65	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$520	\$4.08	\$265	\$2,345	\$1,252	\$4,382	\$520	\$265	\$2,345	\$1,252	\$4,382	
10850104	GSRLPSSS	OHIO	CN	OH-MIAMISBURG-19 SOUTH ST --SVC RENEWAL	12/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	5	\$1.06	\$5	\$0.39	\$2	\$1,786	\$717	\$2,510	\$5.94	\$30	\$2.16	\$11	\$970	\$404	\$1,415	\$35	\$13	\$2,756	\$1,122	\$3,925	
10851128	GSRLPSSS	OHIO	FA	OH-DAYTON-29 S DECKER ST --SERVICE RENEWAL	12/16/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	37	\$1.06	\$39	\$0.39	\$14	\$1,786	\$736	\$2,575	\$5.94	\$220	\$2.16	\$80	\$970	\$508	\$1,778	\$259	\$94	\$2,756	\$1,244	\$4,353	
10645934	GSRLPSSS	OHIO	FA	OH-DAYTON-3625 EILEEN RD -CPG-GSRPLSSS--EARLY REPAIR - LOCATE CLEARS 12/12/LE	12/17/13	MDPE	1.00 INCH	Main to Curb - Short Side	0	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451	
10648515	GSRLPSSS	OHIO	FA	OH-MEDWAY-12205 AMY DEE LN -CPG-GSRPLPSS-- -CPG-GSRPLPSS	12/17/13	MDPE	1.00 INCH	Main to Curb - Short Side	3	Unit cost	\$219	Unit cost	\$204	\$2,756	\$1,272	\$4,451	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$219	\$204	\$2,756	\$1,272	\$4,451	
10810385	GSRLPSSS	OHIO	CN	OH-WEST CARROLLTON-228 ORCHARD HILL DRIVE -CPG-GSRPLPSS--SVC RENEWAL	12/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	54	\$1.06	\$57	\$0.39	\$21	\$1,786	\$746	\$2,609	\$5.94	\$321	\$2.16	\$117	\$970	\$563	\$1,971	\$378	\$138	\$2,756	\$1,309	\$4,580	
10810275	GSRLPSSS	OHIO	CN	OH-KETTERING-2110 E RAHN RD --SERV RENEWAL	12/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	57	\$1.06	\$60	\$0.39	\$22	\$1,786	\$747	\$2,615	\$5.94	\$339	\$2.16	\$123	\$970	\$573	\$2,005	\$399	\$145	\$2,756	\$1,320	\$4,620	
10782082	GSRLPSSS	OHIO	TR	OH-TROY-4728 PETERS RD --CPG-LEAKDISC #10642778	12/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	65	\$1.06	\$69	\$0.39	\$25	\$1,786	\$752	\$2,632	\$5.94	\$386	\$2.16	\$141	\$970	\$599	\$2,096	\$455	\$166	\$2,756	\$1,351	\$4,727	
10770919	GSRLPSSS	OHIO	CN	OH-DAYTON-2324 SOUTHLEA DR --SVC RENEWAL	12/17/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	106	\$1.06	\$112	\$0.39	\$41	\$1,786	\$776	\$2,714	\$5.94	\$630	\$2.16	\$229	\$970	\$732	\$2,561	\$742	\$270	\$2,756	\$1,507	\$5,276	
10806705	GSRLPSSS	OHIO	CN	OH-KETTERING-5400 OAKVISTA PLACE --RENEW SERVICE	12/18/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	16	\$1.06	\$17	\$0.39	\$6	\$1,786	\$724	\$2,533	\$5.94	\$95	\$2.16	\$35	\$970	\$440	\$1,540	\$112	\$41	\$2,756	\$1,164	\$4,072	
10850246	GSRLPSSS	OHIO	CN	OH-KETTERING-873 LINCOLN WOODS CT --SERV RENEWAL	12/19/13	MDPE	1.00 INCH	Curb to Meter	30	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$240	\$4.08	\$122	\$2,345	\$1,083	\$3,790	\$240	\$122	\$2,345	\$1,083	\$3,790	
10782090	GSRLPSSS	OHIO	TR	OH-PLEASANT HILL-8 S WILLIAMS ST --CPG-LEAKDISC #10651374	12/19/13	MDPE	1.00 INCH	Curb to Meter	35	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$280	\$4.08	\$143	\$2,345	\$1,107	\$3,875	\$280	\$143	\$2,345	\$1,107	\$3,875	
1084046	GSRLPLSL	OHIO	WC	OH-GREENFIELD-629 DUNLAP LN --SERVICE RENEWAL	12/19/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	85	\$3.09	\$263	\$2.29	\$195	\$1,786	\$897	\$3,141	\$4.41	\$375	\$3.27	\$278	\$970	\$649	\$2,272	\$638	\$473	\$2,756	\$1,546	\$5,413	
10883991	GSRLPLSL	OHIO	WC	OH-GREENFIELD-631 DUNLAP LN --CPG-LEAKDISC #10646265	12/19/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	85	\$3.09	\$263	\$2.29	\$195	\$1,786	\$897	\$3,141	\$4.41	\$375	\$3.27	\$278	\$970	\$649	\$2,272	\$638	\$473	\$2,756	\$1,546	\$5,413	
10861221	GSRLPSSS	OHIO	FA	OH-WASHINGTON COURT HOUSE-2729 STAUNTON SUGAR GROVE RD -CPG-GSRPLSSS--C	12/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	4	\$1.06	\$4	\$0.39	\$2	\$1,786	\$717	\$2,508	\$5.94	\$24	\$2.16	\$9	\$970	\$401	\$1,403	\$28	\$10	\$2,756	\$1,118	\$3,912	
10798091	GSRLPSSS	OHIO	BF	OH-LAKEVIEW-8851 LOGAN AVE --CPG-LEAKDISC #8219523	12/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	27	\$1.06	\$29	\$0.39	\$10	\$1,786	\$730	\$2,555	\$5.94	\$160	\$2.16	\$58	\$970	\$476	\$1,664	\$189	\$69	\$2,756	\$1,206	\$4,219	
10856205	GSRLPSSS	OHIO	CN	OH-DAYTON-517 GREENWALD ST --CPG-LEAKDISC #10609697	12/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	30	\$1.06	\$32	\$0.39	\$12	\$1,786	\$732	\$2,561	\$5.94	\$178	\$2.16	\$65	\$970	\$485	\$1,699	\$210	\$77	\$2,756	\$1,217	\$4,260	
10784491	GSRLPSSS	OHIO	TR	OH-WEST MILTON-518 S MAIN ST --CPG-LEAKDISC #10531736	12/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	32	\$1.06	\$34	\$0.39	\$12	\$1,786	\$733	\$2,565	\$5.94	\$190	\$2.16	\$69	\$970	\$492	\$1,721	\$224	\$82	\$2,756	\$1,225	\$4,286	
10856692	GSRLPSSS	OHIO	WC	OH-GREENFIELD-223 N 4TH ST --CPG-LEAKDISC #9867771	12/19/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	47	\$1.06	\$50	\$0.39	\$18	\$1,786	\$742	\$2,595	\$5.94	\$279	\$2.16	\$102	\$970	\$540	\$1,892	\$329	\$120	\$2,756	\$1,282	\$4,487	
10771306	GSRLPSSS	OHIO	DW	OH-DAYTON-1419 KINGSLEY AVE --	12/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	37	\$1.06	\$39	\$0.39	\$14	\$1,786	\$736	\$2,575	\$5.94	\$220	\$2.16	\$80	\$970	\$508	\$1,778	\$259	\$94	\$2,756	\$1,244	\$4,353	
10626075	GSRLPSSS	OHIO	TR	OH-BRADFORD-328 SCHOOL ST -- RENEW SERVICE AND MOVING METER OUTSIDE	12/20/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	60	\$1.06	\$63	\$0.39	\$23	\$1,786	\$749	\$2,622	\$5.94	\$357	\$2.16	\$130	\$970	\$583	\$2,039	\$420	\$153	\$2,756	\$1,332	\$4,661	
10673105	GSRLPSSS	OHIO	TR	OH-GREENVILLE-329 W FOURTH ST --SERVICE REPLACEMENT	12/23/13	MDPE	1.00 INCH	Curb to Meter	35	\$0.00	\$0	\$0.00	\$0	\$0	\$0	\$0	\$8.00	\$280	\$4.08	\$143	\$2,345	\$1,107	\$3,875	\$280	\$143	\$2,345	\$1,107	\$3,875	
10673697	GSRLPLSL	OHIO	CN	OH-KETTERING-920 BRUBAKER DR -- SERVICE RENEWAL	12/23/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	68	\$3.09	\$210	\$2.29	\$156	\$1,786	\$861	\$3,013	\$4.41	\$300	\$3.27	\$222	\$970	\$597	\$2,089	\$510	\$378	\$2,756	\$1,458	\$5,102	
10866686	GSRLPLSL	OHIO	WC	OH-WILMINGTON-605 MEAD ST -CPG-GSRPLSL-- -CPG-GSRPLSL	12/23/13	MDPE	1.00 INCH	Main to Meter - Long Side Under 200 feet	81	\$3.09	\$250	\$2.29	\$186	\$1,786	\$889	\$3,111	\$4.41	\$357	\$3.27	\$265	\$970	\$637	\$2,229	\$608	\$450	\$2,756	\$1,526	\$5,339	
10878642	GSRLPSSS	OHIO	CN	OH-DAYTON-5404 PLAINFIELD RD --CPG-LEAKDISC #10656622	12/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	5	\$1.06	\$5	\$0.39	\$2	\$1,786	\$717	\$2,510	\$5.94	\$30	\$2.16	\$11	\$970	\$404	\$1,415	\$35	\$13	\$2,756	\$1,122	\$3,925	
10878980	GSRLPSSS	OHIO	CN	OH-MEDWAY-3533 LAKE RD --CPG-LEAKDISC #10656593	12/23/13	MDPE	1.00 INCH	Main to Meter - Short Side Under 200 feet	55	\$1.06	\$58	\$0.39	\$21	\$1,786	\$746	\$2,611	\$5.94	\$327	\$2.16	\$119	\$970	\$566	\$1,962	\$385	\$140	\$2,756	\$1,313	\$4,594	
10903187	GSRLPSSS																												

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	43.8	\$ 5,882
			2013 Savings
			\$ 257,632
			A2XB2
Total Savings:			\$ 551,748
			C1+C2

VEDO 2013 Maintenance Expense - BS/CI & Service Line Ownership

Service O&M Expense Change

	A		B		C	
Meter Order Management						
Meter Orders	Baseline		2013		Change from Baseline	
1 Outside Leaks	3467		3411			
2 Investigate Gas Emergency	937		782			
3 No Gas	1831		1651			
4 Water in Service	11		36			
5 Total	6246		5880			
6 % Allocated to BS/CI Facilities	48%		33.9%			
7 Orders applicable to BS/CI	2998	A5 * A6	1993	B5 * B6		
Maintenance Expenses						
	Baseline		2013			
8 Total Meter Orders	122091		108092			
9 Meter Order Mgmt Actuals	\$ 3,542,248		\$ 4,997,640			
10 Average Cost per Order	29.01	A9/A8	46.24	B9/B8		
11 Average cost per Asset Condition based Order	58.03	2 * A10	92.47	2 * B10		
* Leak Investigation order averages approximately 2x's longer than average meter order						
Maintenance Expenses Reduction Opportunity	Baseline (C1xC2)		2013		Change from Baseline	
12 Orders Applicable to BS/CI x Average Order Cost per Asset Condition based Order	\$ 173,968	A7 * A11	\$ 184,323	B7 * B11	\$ (10,355)	A12 - B12

Leak Repair & Management

Service Leaks Maintenance Expenses	Baseline		2013		Change from Baseline	
13 Service Leak Repair Actuals	\$ 145,655		\$ 193,396		\$ (47,741)	A13-B13
14 % of Service BS/CI Leak Repairs	56%		33.8%			
15 Incremental Service O&M Expenses attributable to BS/CI	\$ 81,567	A13*A14	\$ 65,368	B13*B14	\$ 16,199	A15-B15
16 Incremental Service O&M Expenses attributable to All Other Asset Types	\$ 64,088	A13-A15	\$ 128,028	B13-B15	\$ (63,940)	A16-B16
17 TOTAL BS/CI SERVICE MAINTENANCE EXPENSES	\$ 255,535	A12+A15	\$ 249,690	B12+B15	\$ 5,845	A17-B17

MAIN O&M Expense Change

Leak Repair & Management						
Main Leaks Maintenance Expenses	Baseline		2013		Change from Baseline	
18 Total Main Leak Repair Actuals	\$ 1,610,684		\$ 1,267,027			
19 Cost Associated with Soft Surface Repairs	\$ 644,274		\$ 506,811			
20 % of Soft Surface Repairs on BS/CI Main Leaks	39%		27%			
21 Cost Associated with Hard Surface Repairs	\$ 966,410		\$ 760,216			
22 % of Hard Surface Repairs on BS/CI Main Leaks	71%		60%			
23 Main O&M Expenses attributable to BS/CI	\$ 937,418	(A19*A20)+(A21*A22)	\$ 590,435	(B19*B20)+(B21*B22)	\$ 346,983	A23-B23
24 Total O&M Maintenance Expenses (Main + Services)	\$ 1,192,953	A17+A23	\$ 840,125	B17+B23	\$ 352,828	A24-B24

VEDO Replacement Program Cost Savings
5 Year History

Task	2009	2010	2011	2012	2013
Regulator Stations *	\$ 960	\$ 1,152	\$ 3,072	\$ 6,144	\$ 7,872
Casings *	\$ 59	\$ -	\$ 40	\$ -	\$ 99
Critical Valves *	\$ 407	\$ 68	\$ 949	\$ (68)	\$ 203
CP Reads *	\$ 468	\$ 194	\$ 620	\$ 690	\$ 1,028
Residential Leak Surveys *	\$ 559	\$ 402	\$ 805	\$ 885	\$ 958
Leaks Repaired **	\$ 68,122	\$ 47,958	\$ 99,459	\$ 103,546	\$ 131,612
Leak Rechecks *	\$ 9,000	\$ 8,730	\$ 10,080	\$ 11,340	\$ 18,990
Service Call Orders *	\$ 6,795	\$ 6,133	\$ 9,378	\$ 9,736	\$ 16,755
Meter Movouts & Changes	\$ 15,840	\$ 20,317	\$ 28,237	\$ 35,805	\$ 27,324
Drips	\$ 888	\$ 552	\$ 480	\$ 2,220	\$ 1,296
Total Annual O&M Savings	\$ 103,099	\$ 85,506	\$ 153,119	\$ 170,298	\$ 206,138

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)	
Vectren Energy Delivery of Ohio, Inc.)	Case No. 14-0813-GA-RDR
for Authority to Adjust Its Distribution)	
Replacement Rider Charges.)	

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

1 **Direct Testimony of**
2 **J. Cas Swiz**

3 **I. INTRODUCTION**

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

5 A. My name is J. Cas Swiz, and my address is One Vectren Square, Evansville, Indiana
6 47708.

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

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

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

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

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

19 A. From 2001 to 2003, I was employed by ExxonMobil Chemical as a Product and
20 Inventory accountant. Since 2003, I have been employed with VUHI in various
21 accounting capacities. In 2008, I was named Manager, Regulatory and Utility
22 Accounting, and in November 2012, I was promoted to Director, Regulatory
23 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 DRR proceeding, Case No. 13-1121-GA-RDR.

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

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

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

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

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

- 1 • Exhibit No. JCS-2c – Accumulated Depreciation for Main Replacement Program
- 2 • Exhibit No. JCS-2d – Cost of Removal for Main Replacement Program
- 3 • Exhibit No. JCS-2e – Post in Service Carrying Costs (PISCC) for Main Replacement
- 4 Program
- 5 • Exhibit No. JCS-2f – Annualized Property Tax Expense for Main Replacement
- 6 Program
- 7 • Exhibit No. JCS-2g – Deferred Taxes on Liberalized Depreciation for Main
- 8 Replacement Program
- 9 • Exhibit No. JCS-2h – Deferred Depreciation Regulatory Asset Balance for Main
- 10 Replacement Program
- 11 • Exhibit No. JCS-3 – Revenue Requirement for Service Line and Completed Riser
- 12 Replacement Program
- 13 • Exhibit No. JCS-3a – Utility Plant Additions for Service Line and Riser Replacement
- 14 Program
- 15 • Exhibit No. JCS-3b – Utility Plant Retirements for Service Line and Riser
- 16 Replacement Program
- 17 • Exhibit No. JCS-3c – Accumulated Depreciation for Service Line and Riser
- 18 Replacement Program
- 19 • Exhibit No. JCS-3d – Cost of Removal for Service Line and Riser Replacement
- 20 Program
- 21 • Exhibit No. JCS-3e – PISCC for Service Line and Riser Replacement Program
- 22 • Exhibit No. JCS-3f – Annualized Property Tax Expense for Service Line and Riser
- 23 Replacement Program
- 24 • Exhibit No. JCS-3g – Deferred Taxes on Liberalized Depreciation for Service Line
- 25 and Riser Replacement Program
- 26 • Exhibit No. JCS-3h – Deferred Depreciation Regulatory Asset Balance for Service
- 27 Line and Riser Replacement Program
- 28 • Exhibit No. JCS-4 – DRR Revenue Requirement Variance at December 31, 2013
- 29 • 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 2013 AFUDC rate used for all other VEDO construction projects was
25 0.34%.

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, 2013, 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 bare-steel and cast-iron main retired, for a total credit of \$551,748.

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

4 **III. EXPLANATION OF EXHIBITS**

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

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

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

9 A. Exhibit No. JCS-2 and Exhibit No. JCS-3 represent the revenue requirement calculation
10 for VEDO's DRR charges based on net rate base at December 31, 2013, inclusive of
11 PISCC and deferred taxes related to depreciation and PISCC. Exhibit No. JCS-2
12 represents the revenue requirement calculation for the main replacement program, and
13 Exhibit No. JCS-3 represents the revenue requirement calculation for service line and
14 riser replacements.

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

16 A. Exhibit No. JCS-2a and Exhibit No. JCS-3a provide the balance of plant additions at
17 December 31, 2012, and actual plant additions by month for the twelve months ended
18 December 31, 2013, to determine utility plant additions at December 31, 2013. Exhibit
19 No. JCS-2a provides information for the main replacement program, and Exhibit No.
20 JCS-3a provides information for the service line and riser replacement programs.

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

22 A. Exhibit No. JCS-2b and Exhibit No. JCS-3b provide the balance of the original cost plant
23 retired under the Program as of December 31, 2012, as shown in Case No. 13-1121-GA-
24 RDR, and the actual original cost retired by month for projects completed during the

1 twelve months ended December 31, 2013, 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, 2012, and actual provision for depreciation by month for
8 the twelve months ended December 31, 2013, to calculate the accumulated depreciation
9 provision at December 31, 2013. 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, 2012, and the actual cost of removal by month for the twelve months
15 ended December 31, 2013, to calculate the Program's total cost of removal through
16 December 31, 2013. 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, 2012, and the PISCC activity by month for the twelve months
22 ended December 31, 2013, to calculate the PISCC regulatory asset balance at December
23 31, 2013. These schedules also provide the amortization of PISCC by month for the
24 twelve months ended December 31, 2013, and an accumulated PISCC amortization

balance at December 31, 2013. Furthermore, these schedules provide the Net PISCC Regulatory Asset at December 31, 2013. 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, and 2013.

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, 2012, and deferred depreciation activity by month for the twelve months ended December 31, 2013, to calculate the deferred depreciation regulatory asset balance as of December 31, 2013. These schedules also provide the amortization of deferred depreciation by month for the twelve months ended December 31, 2013, and an accumulated deferred depreciation amortization balance at December 31, 2013. Furthermore, these schedules provide the

1 net deferred depreciation Regulatory Asset at December 31, 2013. 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, 2013.
6 This variance is associated with the DRR revenue requirement for the twelve months
7 ended December 31, 2013.

8 Exhibit No. JCS-4a reflects DRR recoveries by month by customer group for the
9 twelve months ended December 31, 2013.

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	\$ 4,816,391	Exhibit No. JCS-2, Line 27
2	Service Lines Revenue Requirement	<u>11,093,401</u>	Exhibit No. JCS-3, Line 39
3	Annual DRR Revenue Requirement	<u>\$ 15,909,792</u>	Line 1 + Line 2

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

Line	Description	Amount	Reference
1	<u>Return on Investment:</u>		
2	<u>Plant In-Service at December 31, 2013</u>		
3	Additions - Main Replacements	\$ 39,753,873	Exhibit JCS-2a, Column O, Line 2
4	Original Cost - Retired Mains	(2,636,399)	Exhibit JCS-2b, Column Q, Line 2
5	Total Plant In-Service	<u>\$ 37,117,474</u>	Line 3 + Line 4
6	<u>Less: Accumulated Depreciation at December 31, 2013</u>		
7	Depreciation Expense - Mains	\$ (1,490,935)	Exhibit JCS-2c, Column O, Line 2
8	Cost of Removal - Mains	2,085,371	Exhibit JCS-2d, Column O, Line 2
9	Original Cost - Retired Mains	<u>2,636,399</u>	-Line 4
10	Total Accumulated Depreciation	<u>\$ 3,230,835</u>	Sum of Lines 7 - 9
11	Net Deferred Post In-Service Carrying Costs (PISCC) ⁽³⁾	\$ 2,510,409	Exhibit JCS-2e, Column O, Line 4
12	Deferred Depreciation Regulatory Asset Balance - Mains	\$ 455,361	Exhibit JCS-2h, Column B, Line 3
13	Net Deferred Tax Balance - PISCC	\$ (878,643)	-Line 11 x 35%
14	Deferred Taxes on Depreciation	\$ (9,612,965)	Exhibit No. JCS-2g, Line 19
15	Deferred Taxes on Deferred Depreciation Regulatory Asset	<u>\$ (159,376)</u>	-Line 12 x 35%
16	Net Rate Base	\$ 32,663,095	Sum of Lines 5 and 10-15
17	Pre-Tax Rate of Return	<u>11.67%</u>	Case No. 07-1080-GA-AIR
18	Annualized Return on Rate Base - Mains	<u>\$ 3,811,783</u>	Line 16 x Line 17
19	<u>Operations and Maintenance Expenses</u>		
20	Annualized Property Tax Expense	\$ 845,286	Exhibit No. JCS-2f, Line 17
21	Annualized Depreciation Expense	656,979	Line 5 x 1.77% ⁽¹⁾
22	Annualized PISCC Amortization Expense	39,193	Exhibit JCS-2e, Column D, Line 13
23	Annualized Deferred Depreciation Amortization Expense - Mains	7,060	Exhibit JCS-2h, Column C, Line 21
24	Annualized Maintenance Adjustment	<u>(428,163)</u>	(2)
25	Total Incremental Operating Expenses - Mains	<u>\$ 1,120,355</u>	Sum of Lines 20-24
26	Variance	<u>\$ (115,747)</u>	Exhibit JCS-4, Line 15
27	Total Annual Revenue Requirement - Mains	<u>\$ 4,816,391</u>	Line 18 + Line 25 + Line 26

(To Exhibit No. JCS-1 and Exhibit No. SMK-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 3.

Allocation of Exhibit No. JMF-7 between Mains and Services based upon the gross investment for calendar year 2013.

(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, 2013

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Balance at 12/31/2012	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	Balance at 12/31/2013	
1	<u>Cumulative Balance</u>														
2	Mains	\$ 28,363,400	\$ 29,921,444	\$ 30,515,349	\$ 31,578,490	\$ 32,440,995	\$ 34,279,640	\$ 35,482,826	\$ 36,565,660	\$ 37,153,652	\$ 38,660,531	\$ 38,932,685	\$ 38,278,897	\$ 39,753,873	To JCS-2, Line 3
3	<u>Current Year Activity</u>		<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	<u>12/31/2013</u>	Activity for Twelve Months Ended 12/31/2013
4	Mains		\$ 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

Vectren Energy Delivery of Ohio
Distribution Replacement Rider (DRR)
Mains - Retirements
Twelve Months Ended December 31, 2013

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Line No.	Description	Retirements per 2013 Filing	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	12/31/2013		Total Retirements for Work Orders Placed in Service by 12/31/2013
1	<u>Cumulative Balance</u>															
2	Mains	\$ (1,386,667)	\$ (1,540,179)	\$ (1,596,342)	\$ (1,963,682)	\$ (2,031,509)	\$ (2,184,182)	\$ (2,214,746)	\$ (2,317,209)	\$ (2,354,311)	\$ (2,439,189)	\$ (2,451,204)	\$ (2,495,610)	\$ (2,636,399)	\$	(2,636,399) To JCS-2, Line 4
3	<u>Current Year Activity</u>		<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	<u>12/31/2013</u>	<u>2014</u> ⁽¹⁾	Retirements for Work Orders Placed In Service in 2013
4	Mains	\$	(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)

Notes:

(1) Represents retirements recorded in early 2014 for work orders closed in 2013.

Vectren Energy Delivery of Ohio
Distribution Replacement Rider (DRR)
Mains - Depreciation
Twelve Months Ended December 31, 2013

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
Line No.	Description	Accumulated Depreciation at 12/31/2012	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	12/31/2013	
1	<u>Cumulative Balance</u>														
2	Mains	\$ (874,579)	\$ (917,564)	\$ (962,136)	\$ (1,007,930)	\$ (1,055,144)	\$ (1,104,350)	\$ (1,155,800)	\$ (1,208,936)	\$ (1,263,304)	\$ (1,319,217)	\$ (1,376,442)	\$ (1,433,386)	\$ (1,490,935)	To JCS-2, Line 7
3	<u>Current Year Activity</u>		<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	<u>12/31/2013</u>	2013 Depreciation Expense
4	Mains		\$ (42,985)	\$ (44,572)	\$ (45,794)	\$ (47,214)	\$ (49,206)	\$ (51,450)	\$ (53,136)	\$ (54,368)	\$ (55,913)	\$ (57,225)	\$ (56,944)	\$ (57,549)	\$ (616,356)

Vectren Energy Delivery of Ohio
Distribution Replacement Rider (DRR)
Mains - Cost of Removal
Twelve Months Ended December 31, 2013

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Cost of Removal at 12/31/2012	<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	Balance at 12/31/2013	
1	<u>Cumulative Balance</u>														
2	Mains	\$ 1,238,726	\$ 1,314,395	\$ 1,332,062	\$ 1,407,723	\$ 1,439,273	\$ 1,515,596	\$ 1,575,547	\$ 1,605,429	\$ 1,665,716	\$ 1,747,717	\$ 1,769,383	\$ 2,022,567	\$ 2,085,371	To JCS-2, Line 8
3	<u>Current Year Activity</u>		<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	<u>12/31/2013</u>	Activity for Twelve Months Ended 12/31/2013
4	Mains		\$ 75,669	\$ 17,667	\$ 75,661	\$ 31,550	\$ 76,323	\$ 59,951	\$ 29,882	\$ 60,287	\$ 82,001	\$ 21,666	\$ 253,184	\$ 62,804	\$ 846,645

Vectren Energy Delivery of Ohio
Distribution Replacement Rider (DRR)
Mains - Post In Service Carrying Costs (PISCC)
Twelve Months Ended December 31, 2013

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	PISCC at 12/31/2012	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	Balance at 12/31/2013	
1	<u>Cumulative Balance</u>														
2	Mains-PISCC	\$ 1,650,395	\$ 1,712,914	\$ 1,778,466	\$ 1,848,480	\$ 1,925,229	\$ 2,009,890	\$ 2,102,885	\$ 2,203,009	\$ 2,306,609	\$ 2,363,901	\$ 2,425,088	\$ 2,481,076	\$ 2,545,009	
3	Mains-PISCC Amortization	\$ (15,536)	(16,861)	(18,186)	(19,511)	(20,836)	(22,161)	(23,486)	(24,811)	(26,136)	(28,252)	(30,368)	(32,484)	(34,600)	
4	Deferred PISCC - Mains	\$ 1,634,859	\$ 1,696,053	\$ 1,760,280	\$ 1,828,969	\$ 1,904,393	\$ 1,987,729	\$ 2,079,399	\$ 2,178,198	\$ 2,280,473	\$ 2,335,649	\$ 2,394,720	\$ 2,448,592	\$ 2,510,409	To JCS-2, Line 11
5	<u>Current Year Activity</u>		<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	<u>12/31/2013</u>	Activity for Twelve Months Ended 12/31/2013
6	2012 Mains - Deferred PISCC	\$ 53,897	\$ 53,897	\$ 53,897	\$ 53,897	\$ 53,897	\$ 53,897	\$ 53,897	\$ 53,897	\$ 53,897	\$ -	\$ -	\$ -	\$ -	\$ 431,176
7	2013 Mains - Deferred PISCC	8,622	11,655	16,117	22,852	30,764	39,098	46,227	49,703	57,292	61,187	55,988	63,933	463,438	
8	Total 2013 Deferred PISCC	\$ 62,519	\$ 65,552	\$ 70,014	\$ 76,749	\$ 84,661	\$ 92,995	\$ 100,124	\$ 103,600	\$ 57,292	\$ 61,187	\$ 55,988	\$ 63,933	\$ 894,614	
9	Mains-PISCC Amortization	\$ (1,325)	\$ (1,325)	\$ (1,325)	\$ (1,325)	\$ (1,325)	\$ (1,325)	\$ (1,325)	\$ (1,325)	\$ (1,325)	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (2,116)	\$ (19,064)
10	<u>Annualized PISCC Amortization</u>														
11	Cumulative PISCC at 12/31/2013	\$ 2,545,009													
12	Amortization % ⁽¹⁾	1.54%													
13	Annualized PISCC Amortization	\$ 39,193													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	
		In Service Year						
		2009	2010	2011	2012	2013	Total	
1	Mains Replacements - Book Value	\$ 7,062,973	\$ 5,230,340	\$ 6,856,923	\$ 9,213,164	\$ 11,390,473	\$ 39,753,873	Exhibit No. JCS-2, Line 3
2	Less: Capitalized Interest / AFUDC	(14,378)	(18,419)	(19,885)	(1,595)	(1,181)	(55,458)	
3	Net Cost of Taxable Property	\$ 7,048,595	\$ 5,211,921	\$ 6,837,038	\$ 9,211,569	\$ 11,389,292	\$ 39,698,415	Line 1 + Line 2
4	% Good ⁽¹⁾	85.0%	88.3%	91.7%	95.0%	98.3%		
5	Tax Value	\$ 5,991,306	\$ 4,602,126	\$ 6,269,564	\$ 8,750,990	\$ 11,195,674	\$ 36,809,660	Line 3 x Line 4
6	x Valuation Percentage (25%) ⁽²⁾	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	
7	Taxable Value/Assessment	\$ 1,497,827	\$ 1,150,532	\$ 1,567,391	\$ 2,187,748	\$ 2,798,919	\$ 9,202,415	Line 5 x Line 6
8	VEDO's Average 2013 Personal Property Tax Rate						9.340%	
9	Annual Property Tax Expense - Main Replacements						\$ 859,506	Line 7 x Line 8
10	Mains Retired - Property Tax Basis	\$ (155,580)	\$ (91,239)	\$ (258,273)	\$ (881,575)	\$ (1,249,732)	\$ (2,636,399)	Exhibit No. JCS-2, Line 4
11	% Good ⁽³⁾	23.1%	23.1%	23.1%	23.1%	23.1%		
12	Tax Value	\$ (35,939)	\$ (21,076)	\$ (59,661)	\$ (203,644)	\$ (288,688)	\$ (609,008)	Line 10 x Line 11
13	x Valuation Percentage (25%) ⁽²⁾	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	
14	Taxable Value/Assessment	\$ (8,985)	\$ (5,269)	\$ (14,915)	\$ (50,911)	\$ (72,172)	\$ (152,252)	Line 12 x Line 13
15	VEDO's Average 2013 Personal Property Tax Rate						9.340%	
16	Annual Property Tax Reduction - Main Retirements						\$ (14,220)	Line 14 x Line 15
17	Annualized Property Tax Expense - Mains						\$ 845,286	Line 9 + Line 16
								(To Exhibit No. JCS-2, Line 20)

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
		In Service Year					
		2009 ^[2]	2010 ^[2]	2011	2012	2013	2013 Reference ^[1]
1	Plant in Service at December 31, 2013:						
2	Mains - Bare Steel/Cast Iron Replacements	\$ 7,062,973	\$ 5,230,340	\$ 6,856,923	\$ 9,213,164	\$ 11,390,473	\$ 39,753,873 Exhibit No. JCS-2, Line 3
3	Book to Tax Basis Adjustment - Capitalized Interest	\$ (2,013)	\$ (2,579)	\$ (2,784)	\$ (223)	\$ 18,564	\$ 10,965
4	Book to Tax Basis Adjustment - 50% Bonus Depreciation	(3,530,480)	(2,327,524)	591,548	(4,580,674)	(5,704,518)	(15,551,648) (-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	\$ 15,551,648 Sum of Lines 2-5
7	Tax Depreciation:						
8	MACRS Rate - 15 Year	37.680%	30.750%	23.050%	14.500%	5.000%	
9	MACRS Rate - 20 Year	29.536%	23.823%	17.646%	10.969%	3.750%	
10	MACRS Depreciation - 15 Year	\$ 1,330,285	\$ 715,714	\$ -	\$ -	\$ -	\$ 2,045,998 [4]
11	MACRS Depreciation - 20 Year	-	-	(104,385)	502,454	213,919	611,989 [4]
12	Bonus Depreciation	3,530,480	2,900,238	7,445,687	4,632,266	5,704,518	24,213,189 -Line 4 - Line 5
13	Cost of Removal Incurred	407,719	395,153	299,087	136,767	846,645	2,085,371 Exhibit No. JCS-2, Line 8
14	Total Tax Depreciation	\$ 5,268,484	\$ 4,011,104	\$ 7,640,390	\$ 5,271,488	\$ 6,765,083	\$ 28,956,548 Line 10 + Line 11 + Line 12 + Line 13
15	Book Depreciation:						
16	Mains					\$ 1,490,935	-Exhibit No. JCS-2, Line 7
17	Tax Depreciation in Excess of Book Depreciation					\$ (27,465,613)	Line 16 - Line 14
18	Federal Deferred Taxes at 35%					35%	
19	Deferred Tax Balance at December 31, 2013 - Mains					\$ (9,612,965)	Line 17 * Line 18 (To Exhibit No. JCS-2, Line 14)

Notes:

[1] Reference column is applicable to column 2013 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 2013, eligible for 100% bonus depreciation. There was no 100% bonus Depreciation in 2013.

[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
Line 10 = Line 6 * Line 8	X	X			
Line 11 = Line 6 * Line 9			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, 2013

A

B

C

		(2013 Filing Exhibit No. JCS-2h)													
Line	Description	Deferred Depr at 12/31/2012	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total Balance at Dec-13	
	Cumulative Balance														
1	Mains - Deferred Depreciation	\$ 259,018	\$ 282,968	\$ 293,858	\$ 312,086	\$ 329,291	\$ 360,533	\$ 391,417	\$ 401,050	\$ 416,912	\$ 431,121	\$ 453,443	\$ 454,814	\$ 458,439	
2	Mains - Deferred Depreciation Amortization	(584)	(730)	(875)	(1,021)	(1,167)	(1,313)	(1,458)	(1,604)	(1,750)	(2,082)	(2,414)	(2,746)	(3,078)	
3	Mains - Deferred Depreciation	\$ 258,434	\$ 282,238	\$ 292,983	\$ 311,065	\$ 328,124	\$ 359,221	\$ 389,958	\$ 399,446	\$ 415,162	\$ 429,039	\$ 451,029	\$ 452,068	\$ 455,361	To JCS-2, Line 12

Line	Description		Activity for												Total Balance by Calendar Year
			Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	
4	Mains In-Service Activity	2013 Filing Exhibit No. JCS-2a	\$ 12,060	\$ 217,104	\$ 738,834	\$ 669,845	\$ 1,137,891	\$ 1,750,235	\$ 147,601	\$ 1,073,196	\$ 599,835	\$ 1,973,248	\$ 248,674	\$ 644,641	\$ 9,213,164
5	Less: Retirements	2013 Exhibit Filing Exhibit No. JCS -2b	(1,354)	-	(20,347)	(56,207)	(70,799)	(85,757)	(5,250)	(38,805)	(17,825)	(162,818)	(1,570)	(420,843)	(881,575)
6	Net Main Additions	Line 4 + Line 5	\$ 10,706	\$ 217,104	\$ 718,487	\$ 613,638	\$ 1,067,092	\$ 1,664,478	\$ 142,351	\$ 1,034,391	\$ 582,010	\$ 1,810,430	\$ 247,104	\$ 223,798	\$ 8,331,589
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 1/1/2013 to Effective Date of DRR Rates, 9/1/2013		8	8	8	8	8	8	8	8	8	8	8	8	
9	Depreciation Expense Recognized - 1/1/2013 to 9/1/2013	Line 6 x Line 7 x Line 8	\$ 126	\$ 2,562	\$ 8,478	\$ 7,241	\$ 12,592	\$ 19,641	\$ 1,680	\$ 12,206	\$ 6,868	\$ 21,363	\$ 2,916	\$ 2,641	\$ 98,313

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	
10	Mains In-Service Activity	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
11	Less: Retirements	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)
12	Net Main Additions	Line 10 + Line 11	\$ 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
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, 9/1/2014		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 9/1/2014	Line 12 x Line 13 x Line 14	\$ 40,398	\$ 14,674	\$ 17,960	\$ 19,340	\$ 38,546	\$ 25,079	\$ 19,522	\$ 10,157	\$ 24,121	\$ 4,029	\$ (9,783)	\$ 16,727	\$ 220,770
16	Deferred Depreciation Expense - Calendar Year 2013		\$ 23,824	\$ 8,328	\$ 9,750	\$ 9,963	\$ 18,651	\$ 11,243	\$ 7,953	\$ 3,657	\$ 7,341	\$ 959	\$ (1,545)	\$ 984	\$ 101,109
17	Deferred Depreciation Expense - Calendar Year 2014		\$ 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
18	Mains - Deferred Depreciation Amortization		\$ (146)	\$ (146)	\$ (146)	\$ (146)	\$ (146)	\$ (146)	\$ (146)	\$ (146)	\$ (332)	\$ (332)	\$ (332)	\$ (332)	\$ (2,494)
19	Net Mains Deferred Depreciation at 12/31/2013	Line 1, Column B													\$ 458,439
20	Average Service Life - Mains	(2)													1.54%
21	Annual Amortization Expense	Line 19 x Line 20													\$ 7,060
															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	<u>Return on Investment:</u>		
2	<u>Plant In-Service at December 31, 2013</u>		
3	Additions - Services Replacements (Bare Steel/Cast Iron)	\$ 37,935,629	Exhibit JCS-3a, Column O, Line 2
4	Additions - Meter Installation (Bare Steel/Cast Iron)	8,173,346	Exhibit JCS-3a, Column O, Line 3
5	Additions - Services Replacements (Service Line Responsibility)	8,037,697	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	(251,699)	Exhibit JCS-3b, Column Q, Line 2
8	Original Cost - Retired Meter Installation	(22,378)	Exhibit JCS-3b, Column Q, Line 3
9	Total Plant In-Service	\$ 71,135,196	Sum of Lines 3 - 8
10	<u>Less: Accumulated Depreciation at December 31, 2013</u>		
11	Depreciation Expense - Services	\$ (4,240,167)	Exhibit JCS-3c, Column O, Line 2
12	Depreciation Expense - Meter Installation	(261,881)	Exhibit JCS-3c, Column O, Line 3
13	Depreciation Expense - Natural Gas Risers	(3,110,205)	Exhibit JCS-3c, Column O, Line 4
14	Cost of Removal - Services	1,545,379	Exhibit JCS-3d, Column O, Line 2
15	Original Cost - Retired Services	251,699	-Line 7
16	Original Cost - Retired Meter Installation	22,378	-Line 8
17	Total Accumulated Depreciation	\$ (5,792,797)	Sum of Lines 11 - 16
18	Net Deferred Post In-Service Carrying Costs (PISCC) ⁽³⁾	\$ 4,244,394	Exhibit JCS-3e, Column O, Line 10
19	Deferred Depreciation Regulatory Asset Balance - Services	\$ 2,155,855	Exhibit JCS-3h, Page 1, Column B, Line 3
20	Deferred Depreciation Regulatory Asset Balance - Meter Installation	\$ 111,228	Exhibit JCS-3h, Page 2, Column B, Line 3
21	Net Deferred Tax Balance - PISCC	\$ (1,485,538)	-Line 18 x 35%
22	Deferred Taxes on Depreciation	\$ (15,150,424)	Exhibit No. JCS-3g, Line 31
23	Deferred Taxes on Deferred Depreciation Regulatory Asset - Services	\$ (754,549)	-Line 19 x 35%
24	Deferred Taxes on Deferred Depreciation Regulatory Asset - Meter Installation	\$ (38,930)	-Line 20 x 35%
25	Net Rate Base	\$ 54,424,435	Sum of Lines 9 and 17-24
26	Pre-Tax Rate of Return	11.67%	Case No. 07-1080-GA-AIR
27	Annualized Return on Rate Base -Service Lines	\$ 6,351,332	Line 25 x Line 26
28	<u>Operations and Maintenance Expenses</u>		
29	Annualized Property Tax Expense	\$ 1,538,902	Exhibit No. JCS-3f, Line 24
30	Annualized Depreciation Expense - Services	3,312,970	(Line 3+ Lines 5-7) x 5.26% ⁽¹⁾
31	Annualized Depreciation Expense - Meter Installation	148,348	(Line 4 + Line 8) x 1.82% ⁽¹⁾
32	Annualized PISCC Amortization Expense	75,848	Exhibit No. JCS-3e, Column D, Line 33
33	Annualized Deferred Depreciation Amortization Expense - Services	38,102	Exhibit JCS-3h, Page 1, Column C, Line 25
34	Annualized Deferred Depreciation Amortization Expense - Meter Installation	2,037	Exhibit JCS-3h, Page 2, Column C, Line 21
35	Incremental O&M - Service Line Responsibility	63,940	(2)
36	Annualized Maintenance Adjustment	(123,585)	(4)
37	Total Incremental Operating Expenses - Service Lines	\$ 5,056,562	Sum of Lines 29-36
38	Variance	\$ (314,493)	Exhibit No. JCS-4, Line 16
39	Total Revenue Requirement - Service Lines	\$ 11,093,401	Line 27 + Line 37 + Line 38

(To Exhibit No. JCS-1 and Exhibit No. SMK-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 3.
Allocation of Exhibit No. JMF-7 between Mains and Services based upon the gross investment for calendar year 2013.

Vectren Energy Delivery of Ohio
Distribution Replacement Rider (DRR)
Service Lines - Plant Additions
Twelve Months Ended December 31, 2013

A	B		C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Reference	Balance at 12/31/2012	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	Balance at 12/31/2013	
1	<u>Cumulative Balance</u>															
2	Services		\$ 24,438,108	\$ 25,222,132	\$ 25,584,773	\$ 26,368,703	\$ 27,025,573	\$ 28,507,938	\$ 29,733,950	\$ 30,721,709	\$ 31,245,249	\$ 32,586,069	\$ 32,835,698	\$ 35,838,651	\$ 37,935,629	To JCS-3, Line 3
3	Meter Installation		\$ 5,992,399	\$ 5,933,862	\$ 6,088,838	\$ 6,316,121	\$ 6,453,239	\$ 6,791,084	\$ 7,057,146	\$ 7,269,278	\$ 7,388,214	\$ 7,633,775	\$ 7,702,214	\$ 7,762,311	\$ 8,173,346	To JCS-3, Line 4
4	Service Line Responsibility		\$ 4,465,988	\$ 4,694,465	\$ 4,946,491	\$ 5,329,915	\$ 5,639,679	\$ 5,980,652	\$ 6,459,131	\$ 6,765,724	\$ 7,145,414	\$ 7,356,628	\$ 7,596,718	\$ 7,840,470	\$ 8,037,697	To JCS-3, Line 5
5	Risers		\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	\$ 17,262,601	To JCS-3, Line 6
6	Total Service Line Additions	Sum of Lines 2-5	\$ 52,159,096	\$ 53,113,059	\$ 53,882,704	\$ 55,277,339	\$ 56,381,092	\$ 58,542,275	\$ 60,512,828	\$ 62,019,311	\$ 63,041,478	\$ 64,839,073	\$ 65,397,231	\$ 68,704,033	\$ 71,409,273	
7	<u>Current Year Activity</u>			<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	<u>12/31/2013</u>	Activity for Twelve Months Ended 12/31/2013
8	Services		\$	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
9	Meter Installation (1)		\$	(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
10	Service Line Responsibility		\$	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
11	Risers		\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Total Service Line Additions	Sum of Lines 8-11	\$	953,963	\$ 769,644	\$ 1,394,636	\$ 1,103,753	\$ 2,161,183	\$ 1,970,553	\$ 1,506,483	\$ 1,022,166	\$ 1,797,596	\$ 558,158	\$ 3,306,801	\$ 2,705,240	\$ 19,250,177

(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, 2013

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Line No.	Description	Retirements at 12/31/2012	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	12/31/2013		Total Retirements for Work Orders Placed in Service by 12/31/2013
1	<u>Cumulative Balance</u>															
2	Services	\$ (165,110)	\$ (169,664)	\$ (171,427)	\$ (177,550)	\$ (182,926)	\$ (192,799)	\$ (197,169)	\$ (202,008)	\$ (204,495)	\$ (213,466)	\$ (220,746)	\$ (226,005)	\$ (251,699)	\$	(251,699) To JCS-3, Line 7
3	Meter Installations	\$ (16,798)	\$ (17,269)	\$ (17,495)	\$ (18,011)	\$ (18,415)	\$ (19,392)	\$ (19,761)	\$ (20,198)	\$ (20,392)	\$ (20,873)	\$ (21,051)	\$ (21,387)	\$ (22,378)	\$	(22,378) To JCS-3, Line 8
4	<u>Current Year Activity</u>		<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	<u>12/31/2013</u>	<u>2014⁽¹⁾</u>	Retirements for Work Orders Placed In Service in 2013
5	Services	\$	(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)
6	Meter Installations	\$	(471)	\$ (226)	\$ (516)	\$ (404)	\$ (977)	\$ (369)	\$ (437)	\$ (194)	\$ (481)	\$ (178)	\$ (336)	\$ (991)	-	\$ (5,580)

Notes:

(1) Represents retirements recorded in early 2014 for work orders closed in 2013.

Vectren Energy Delivery of Ohio
Distribution Replacement Rider (DRR)
Service Lines - Depreciation
Twelve Months Ended December 31, 2013

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Accumulated Depreciation at 12/31/2012	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	12/31/2013	
1	Cumulative Balance														
2	Services ⁽¹⁾	\$ (2,342,775)	\$ (2,471,691)	\$ (2,604,173)	\$ (2,740,560)	\$ (2,881,624)	\$ (3,028,803)	\$ (3,183,714)	\$ (3,345,197)	\$ (3,511,497)	\$ (3,683,178)	\$ (3,859,334)	\$ (4,043,678)	\$ (4,240,167)	To JCS-3, Line 11
3	Meter Installation	\$ (135,271)	\$ (144,315)	\$ (153,432)	\$ (162,839)	\$ (172,522)	\$ (182,566)	\$ (193,068)	\$ (203,932)	\$ (215,047)	\$ (226,439)	\$ (238,069)	\$ (249,796)	\$ (261,881)	To JCS-3, Line 12
4	Natural Gas Risers	\$ (2,202,189)	\$ (2,277,857)	\$ (2,353,525)	\$ (2,429,193)	\$ (2,504,861)	\$ (2,580,529)	\$ (2,656,197)	\$ (2,731,865)	\$ (2,807,533)	\$ (2,883,201)	\$ (2,958,869)	\$ (3,034,537)	\$ (3,110,205)	To JCS-3, Line 13
5	Current Year Activity		1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	12/31/2013	2013 Depreciation Expense
6	BS/CI Service Lines	\$ (108,839)	\$ (111,352)	\$ (113,865)	\$ (117,022)	\$ (121,711)	\$ (127,647)	\$ (132,499)	\$ (135,811)	\$ (139,897)	\$ (143,383)	\$ (150,511)	\$ (161,689)	\$ (1,564,226)	
7	Incremental Service Line Responsibility	(20,077)	(21,130)	(22,522)	(24,042)	(25,468)	(27,264)	(28,984)	(30,489)	(31,784)	(32,773)	(33,833)	(34,800)	(333,166)	
8	Services ⁽¹⁾	Line 6 + Line 7	\$ (128,916)	\$ (132,482)	\$ (136,387)	\$ (141,064)	\$ (147,179)	\$ (154,911)	\$ (161,483)	\$ (166,300)	\$ (171,681)	\$ (176,156)	\$ (184,344)	\$ (196,489)	\$ (1,897,392)
9	Meter Installation	\$ (9,044)	\$ (9,117)	\$ (9,407)	\$ (9,683)	\$ (10,044)	\$ (10,502)	\$ (10,864)	\$ (11,115)	\$ (11,392)	\$ (11,630)	\$ (11,727)	\$ (12,085)	\$ (126,610)	
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, 2013

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	Cost of Removal at 12/31/2012	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	Balance at 12/31/2013	
1	<u>Cumulative Balance</u>														
2	Services	\$ 1,657,422	\$ 1,690,579	\$ 1,697,130	\$ 1,706,458	\$ 1,710,747	\$ 1,719,647	\$ 1,724,540	\$ 1,726,974	\$ 1,730,611	\$ 1,735,112	\$ 1,736,641	\$ 1,546,052	\$ 1,545,379	To JCS-3, Line 14
3	<u>Current Year Activity</u>		<u>1/31/2013</u>	<u>2/28/2013</u>	<u>3/31/2013</u>	<u>4/30/2013</u>	<u>5/31/2013</u>	<u>6/30/2013</u>	<u>7/31/2013</u>	<u>8/31/2013</u>	<u>9/30/2013</u>	<u>10/31/2013</u>	<u>11/30/2013</u>	<u>12/31/2013</u>	Activity for Twelve Months Ended 12/31/2013
4	Services		\$ 33,157	\$ 6,551	\$ 9,328	\$ 4,289	\$ 8,900	\$ 4,893	\$ 2,434	\$ 3,637	\$ 4,501	\$ 1,529	\$ (190,589)	\$ (673)	\$ (112,043)

**Vectren Energy Delivery of Ohio
Distribution Replacement Rider (DRR)
Service Lines - Post In Service Carrying Costs (PISCC)
Twelve Months Ended December 31, 2013**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Line No.	Description	PISCC at 12/31/2012	1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	Balance at 12/31/2013	
1	Cumulative Balance														
2	Service Lines-PISCC	\$ 1,363,624	\$ 1,417,755	\$ 1,473,830	\$ 1,533,031	\$ 1,597,304	\$ 1,667,910	\$ 1,746,496	\$ 1,831,514	\$ 1,919,797	\$ 1,964,989	\$ 2,013,530	\$ 2,078,181	\$ 2,154,593	
3	Meter Installation-PISCC (3)	295,550	310,340	325,897	342,456	360,216	379,428	400,321	422,666	445,759	454,838	464,683	474,629	486,816	
4	Service Line Responsibility-PISCC	298,343	303,916	310,895	319,732	330,597	343,365	358,530	375,992	395,461	411,753	429,366	448,394	468,712	
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	\$ 3,162,098	\$ 3,236,592	\$ 3,315,203	\$ 3,399,800	\$ 3,492,698	\$ 3,595,284	\$ 3,709,928	\$ 3,834,753	\$ 3,965,598	\$ 4,036,161	\$ 4,112,160	\$ 4,205,785	\$ 4,314,702	
7	Service Lines-PISCC Amortization	\$ (27,132)	\$ (29,845)	\$ (32,558)	\$ (35,271)	\$ (37,984)	\$ (40,697)	\$ (43,410)	\$ (46,123)	\$ (48,836)	\$ (53,027)	\$ (57,218)	\$ (61,409)	\$ (65,600)	
8	Meter Installation-PISCC Amortization	(1,556)	(1,726)	(1,896)	(2,066)	(2,236)	(2,406)	(2,576)	(2,746)	(2,916)	(3,364)	(3,812)	(4,260)	(4,708)	
9	Accumulated PISCC Amortization - Services	\$ (28,688)	\$ (31,571)	\$ (34,454)	\$ (37,337)	\$ (40,220)	\$ (43,103)	\$ (45,986)	\$ (48,869)	\$ (51,752)	\$ (56,391)	\$ (61,030)	\$ (65,669)	\$ (70,308)	
10	Net Deferred PISCC - Services	\$ 3,133,410	\$ 3,205,021	\$ 3,280,749	\$ 3,362,463	\$ 3,452,478	\$ 3,552,181	\$ 3,663,942	\$ 3,785,884	\$ 3,913,846	\$ 3,979,770	\$ 4,051,130	\$ 4,140,116	\$ 4,244,394	To JCS-3, Line 18
11	Current Year Activity		1/31/2013	2/28/2013	3/31/2013	4/30/2013	5/31/2013	6/30/2013	7/31/2013	8/31/2013	9/30/2013	10/31/2013	11/30/2013	12/31/2013	Activity for Twelve Months Ended 12/31/2013
12	2012 Service Lines - Deferred PISCC	\$ 49,993	\$ 49,993	\$ 49,993	\$ 49,993	\$ 49,993	\$ 49,993	\$ 49,993	\$ 49,993	\$ 49,993	\$ -	\$ -	\$ -	\$ -	399,944
13	2013 Service Lines - Deferred PISCC	4,138	6,082	9,208	14,280	20,613	28,593	35,025	38,290	45,192	48,541	64,651	76,412	391,025	
14	Total 2013 Services Deferred PISCC	\$ 54,131	\$ 56,075	\$ 59,201	\$ 64,273	\$ 70,606	\$ 78,586	\$ 85,018	\$ 88,283	\$ 45,192	\$ 48,541	\$ 64,651	\$ 76,412	\$ 790,969	
15	2012 Meter Installation - Deferred PISCC	\$ 15,275	\$ 15,275	\$ 15,275	\$ 15,275	\$ 15,275	\$ 15,275	\$ 15,275	\$ 15,275	\$ -	\$ -	\$ -	\$ -	\$ -	122,200
16	2013 Meter Installation - Deferred PISCC	(485)	282	1,284	2,485	3,937	5,618	7,070	7,818	9,079	9,845	9,946	12,187	69,066	
17	Total 2013 Meter Installation Deferred PISCC	\$ 14,790	\$ 15,557	\$ 16,559	\$ 17,760	\$ 19,212	\$ 20,893	\$ 22,345	\$ 23,093	\$ 9,079	\$ 9,845	\$ 9,946	\$ 12,187	\$ 191,266	
18	2012 Service Line Responsibility - Deferred PISCC	\$ 4,905	\$ 4,905	\$ 4,905	\$ 4,905	\$ 4,905	\$ 4,905	\$ 4,905	\$ 4,905	\$ -	\$ -	\$ -	\$ -	\$ -	39,240
19	2013 Service Line Responsibility - Deferred PISCC	668	2,074	3,932	5,960	7,863	10,260	12,557	14,564	16,292	17,613	19,028	20,318	131,129	
20	Total 2013 Service Line Responsibility Deferred PISCC	\$ 5,573	\$ 6,979	\$ 8,837	\$ 10,865	\$ 12,768	\$ 15,165	\$ 17,462	\$ 19,469	\$ 16,292	\$ 17,613	\$ 19,028	\$ 20,318	\$ 170,369	
21	2012 Risers - Deferred PISCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
22	2013 Risers - Deferred PISCC	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	Total 2013 Risers Deferred PISCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
24	Services-PISCC Amortization	\$ (2,713)	\$ (2,713)	\$ (2,713)	\$ (2,713)	\$ (2,713)	\$ (2,713)	\$ (2,713)	\$ (2,713)	\$ (2,713)	\$ (4,191)	\$ (4,191)	\$ (4,191)	\$ (4,191)	(38,468)
25	Meter Installation-PISCC Amortization	\$ (170)	\$ (170)	\$ (170)	\$ (170)	\$ (170)	\$ (170)	\$ (170)	\$ (170)	\$ (170)	\$ (448)	\$ (448)	\$ (448)	\$ (448)	(3,152)
26	Annualized PISCC Amortization														
27	Net Deferred Service Lines PISCC at 12/31/2013	\$ 3,827,886	Column O, Line 2 + Line 4 + Line 5												
28	Amortization % ⁽¹⁾	1.75%													
29	Annualized Service Lines PISCC Amortization	\$ 66,988													
30	Net Deferred Meter Installation PISCC at 12/31/2013	\$ 486,816	Column O, Line 3												
31	Amortization % ⁽²⁾	1.82%													
32	Annualized Meter Installation PISCC Amortization	\$ 8,860													
33	Total Annualized Services PISCC Amortization	\$ 75,848	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	
		In Service Year						
		2009	2010	2011	2012	2013	Total	
1	Service and Meter Installation Replacements - Book Value	\$ 5,188,699	\$ 5,651,622	\$ 12,060,837	\$ 11,995,337	\$ 19,250,177	\$ 54,146,673	Exhibit No. JCS-3, Lines 3 -5
2	Less: Capitalized Interest / AFUDC	(8,636)	(16,322)	(34,638)	(2,272)	(3,285)	(65,154)	
3	Net Cost of Taxable Property	\$ 5,180,063	\$ 5,635,300	\$ 12,026,199	\$ 11,993,065	\$ 19,246,892	\$ 54,081,519	Line 1 + Line 2
4	% Good ⁽¹⁾	85.0%	88.3%	91.7%	95.0%	98.3%		
5	Tax Value	\$ 4,403,054	\$ 4,975,970	\$ 11,028,024	\$ 11,393,411	\$ 18,919,695	\$ 50,720,154	Line 3 x Line 4
6	x Valuation Percentage (25%) ⁽³⁾	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	
7	Taxable Value / Assessment	\$ 1,100,764	\$ 1,243,993	\$ 2,757,006	\$ 2,848,353	\$ 4,729,924	\$ 12,680,039	Line 5 x Line 6
8	VEDO's Average 2013 Personal Property Tax Rate						9.340%	
9	Annual Property Tax Expense - Service Line Replacements						\$ 1,184,316	Line 7 x Line 8
10	Services and Meter Installation Retired - Property Tax Basis	\$ (24,360)	\$ (51,345)	\$ (54,900)	\$ (51,303)	\$ (92,169)	\$ (274,077)	Exhibit No. JCS-3, Lines 7-8
11	% Good ⁽³⁾	23.1%	23.1%	23.1%	23.1%	23.1%	23.1%	
12	Tax Value	\$ (5,627)	\$ (11,861)	\$ (12,682)	\$ (11,851)	\$ (21,291)	\$ (63,312)	Line 10 x Line 11
13	x Valuation Percentage (25%) ⁽³⁾	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	
14	Taxable Value / Assessment	\$ (1,407)	\$ (2,965)	\$ (3,171)	\$ (2,963)	\$ (5,323)	\$ (15,828)	Line 12 x Line 13
15	VEDO's Average 2013 Personal Property Tax Rate						9.340%	
16	Annual Property Tax Reduction - Service Line Retirements						\$ (1,478)	Line 14 x Line 15
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 ⁽¹⁾	85.0%	88.3%	91.7%	95.0%	98.3%		
19	Tax Value	\$ 4,633,462	\$ 5,598,541	\$ 5,017,004	\$ -	\$ -	\$ 15,249,007	Line 17 x Line 18
20	x Valuation Percentage (25%) ⁽³⁾	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	
21	Taxable Value / Assessment	\$ 1,158,366	\$ 1,399,635	\$ 1,254,251	\$ -	\$ -	\$ 3,812,252	Line 19 x Line 20
22	VEDO's Average 2013 Personal Property Tax Rate						9.340%	
23	Annual Property Tax Expense - Natural Gas Risers						\$ 356,064	Line 21 x Line 22
24	Annualized Property Tax Expense - Service Lines						\$ 1,538,902	Line 9+ Line 16 + Line 23
							(To Exhibit No. JCS-3, Line 29)	

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	In Service Year					Total	2013 Reference ⁽¹⁾
		2009 ⁽²⁾	2010 ⁽²⁾	2011	2012	2013		
1	Plant in Service at December 31, 2013:							
	Assets Eligible for 50% Bonus Depreciation							
2	Service Additions - Bare Steel/Cast Iron Replacements	\$ 3,441,221	\$ 3,640,145	\$ 825,438	\$ 8,505,786	\$ 13,497,521	\$ 29,910,111	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	6,253,144	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	6,373,903	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	\$ 53,542,504	Sum of Lines 2 - 5
	Assets Eligible for 100% Bonus Depreciation							
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	Total Plant in Service at December 31, 2013	<u>\$ 10,639,831</u>	<u>\$ 11,991,986</u>	<u>\$ 17,531,942</u>	<u>\$ 11,995,337</u>	<u>\$ 19,250,177</u>	<u>\$ 71,409,273</u>	Exhibit No. JCS-3, Lines 3-6
13	Book to Tax Basis Adjustment - Capitalized Interest	\$ (1,209)	\$ (2,285)	\$ (4,849)	\$ (318)	\$ 41,439	\$ 32,778	
14	Book to Tax Basis Adjustment - Bonus Depreciation	<u>(5,319,311)</u>	<u>(6,732,230)</u>	<u>(16,931,563)</u>	<u>(6,025,498)</u>	<u>(9,645,808)</u>	<u>(44,654,410)</u>	-(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	\$ 26,787,641	Sum of Lines 12 - 14
16	Tax Depreciation:							
17	MACRS - 15 Year Rate	37.680%	30.750%	23.050%	14.500%	5.000%		
18	MACRS - 20 Year Rate	29.536%	23.823%	17.646%	10.969%	3.750%		
19	MACRS - 15 Year	\$ 1,863,727	\$ 1,561,256	\$ -	\$ -	\$ -	\$ 3,424,983	[5]
20	MACRS - 20 Year	110,203	42,933	105,515	654,814	360,941	1,274,406	[5]
21	Bonus Depreciation	5,319,311	6,732,230	16,931,563	6,025,498	9,645,808	44,654,410	-Line 14
22	Cost of Removal Incurred	<u>319,526</u>	<u>303,510</u>	<u>643,803</u>	<u>390,583</u>	<u>(112,043)</u>	<u>1,545,379</u>	Exhibit No. JCS-3, Line 14
23	Total Tax Depreciation	\$ 7,612,767	\$ 8,639,929	\$ 17,680,881	\$ 7,070,895	\$ 9,894,706	\$ 50,899,178	Sum of Lines 19 - 22
24	Book Depreciation:							
25	Services					\$ 4,240,167	\$ 4,240,167	-Exhibit No. JCS-3, Line 11
26	Meter Installation					261,881	261,881	-Exhibit No. JCS-3, Line 12
27	Natural Gas Risers					<u>3,110,205</u>	<u>3,110,205</u>	-Exhibit No. JCS-3, Line 13
28	Total Book Depreciation					\$ 7,612,253	\$ 7,612,253	Sum of Lines 25 - 27
29	Tax Depreciation in Excess of Book Depreciation					\$ (43,286,925)	\$ (43,286,925)	Line 28 - Line 23
30	Federal Deferred Taxes at 35%					<u>35%</u>		
31	Deferred Tax Balance at December 31, 2013 - Service Lines					<u>\$ (15,150,424)</u>	<u>\$ (15,150,424)</u>	Line 29 * Line 30
						(To Exhibit No. JCS-3, Line 22)		

Notes:

(1) Reference column is applicable to column 2013 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 2013, eligible for 100% bonus depreciation. There was no 100% bonus Depreciation in 2013.

[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 - 2012. Below is the formula for tax depreciation by year.

Formula:	2009	2010	2011	2012	2013
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

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, 2013

A

(2013 Filing Exhibit No. JCS-3h, Page 1)

B

C

Line		Description	Deferred Depreciation at 12/31/2012	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total Balance at Dec-13	
		Cumulative Balance														
1		Services - Deferred Depreciation	\$ 1,474,465	\$ 1,530,100	\$ 1,564,827	\$ 1,632,326	\$ 1,691,002	\$ 1,793,783	\$ 1,887,386	\$ 1,926,111	\$ 1,995,440	\$ 2,043,814	\$ 2,104,501	\$ 2,150,570	\$ 2,177,271	
2		Services - Deferred Depreciation Amortization	(4,264)	(5,330)	(6,396)	(7,462)	(8,528)	(9,594)	(10,660)	(11,726)	(12,792)	(14,948)	(17,104)	(19,260)	(21,416)	
3		Services - Deferred Depreciation	\$ 1,470,201	\$ 1,524,770	\$ 1,558,431	\$ 1,624,864	\$ 1,682,474	\$ 1,784,189	\$ 1,876,726	\$ 1,914,385	\$ 1,982,648	\$ 2,028,866	\$ 2,087,397	\$ 2,131,310	\$ 2,155,855	
To JCS-3, Line 19																
Line		Description		Activity for Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Total Balance by Calendar Year
4		Services In-Service Activity	2013 Filing Exhibit No. JCS-3a	\$ 78,941	\$ 115,132	\$ 498,402	\$ 567,800	\$ 1,155,442	\$ 1,233,659	\$ 127,919	\$ 1,395,285	\$ 637,620	\$ 1,529,931	\$ 640,442	\$ 565,214	\$ 8,545,787
5		Service Line Responsibility In-Service Activity	2013 Filing Exhibit No. JCS-3a	59,059	70,741	62,304	87,615	81,774	63,602	90,860	83,072	68,145	61,006	65,549	44,781	\$ 838,508
6		Risers In-Service Activity	2013 Filing Exhibit No. JCS-3a	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
7		Less: Retirements - Services	2013 Filing Exhibit No. JCS-3b	(360)	-	(14,798)	(3,492)	(6,317)	(9,328)	(978)	(7,964)	(1,364)	(11,091)	-	9,650	\$ (46,042)
8		Net Services Additions	Line 4 + Line 5 + Line 6 + Line 7	\$ 137,640	\$ 185,873	\$ 545,908	\$ 651,923	\$ 1,230,899	\$ 1,287,933	\$ 217,801	\$ 1,470,393	\$ 704,401	\$ 1,579,846	\$ 705,991	\$ 619,645	\$ 9,338,253
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 1/1/2013 to Effective Date of DRR Rates, 9/1/2013		8	8	8	8	8	8	8	8	8	8	8	8	
11		Depreciation Expense Recognized - 1/1/2013 to 9/1/2013	Line 8 x Line 9 x Line 10	\$ 4,827	\$ 6,518	\$ 19,143	\$ 22,861	\$ 43,164	\$ 45,164	\$ 7,638	\$ 51,562	\$ 24,701	\$ 55,400	\$ 24,757	\$ 21,729	\$ 327,461
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
12		Services In-Service Activity	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
13		Service Line Responsibility In-Service Activity	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
14		Risers In-Service Activity	Exhibit No. JCS-3a	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
15		Less: Retirements - Services	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)
16		Net Services Additions	Line 12 + Line 13 + Line 14 + Line 15	\$ 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
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 9/1/2014	Line 16 x Line 17 x Line 18	\$ 86,154	\$ 49,701	\$ 89,076	\$ 69,523	\$ 123,210	\$ 108,057	\$ 76,307	\$ 49,353	\$ 77,783	\$ 22,204	\$ 134,979	\$ 84,521	\$ 970,869
20		Deferred Depreciation Expense - Calendar Year 2013		\$ 50,809	\$ 28,209	\$ 48,356	\$ 35,815	\$ 59,618	\$ 48,439	\$ 31,088	\$ 17,767	\$ 23,673	\$ 5,287	\$ 21,313	\$ 4,972	\$ 375,345
21		Deferred Depreciation Expense - Calendar Year 2014		\$ 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
22		Services - Deferred Depreciation Amortization		\$ (1,066)	\$ (1,066)	\$ (1,066)	\$ (1,066)	\$ (1,066)	\$ (1,066)	\$ (1,066)	\$ (1,066)	\$ (2,156)	\$ (2,156)	\$ (2,156)	\$ (2,156)	\$ (17,152)
23		Net Services Deferred Depreciation at 12/31/2013	Line 1, Column B													\$ 2,177,271
24		Average Service Life - Services	(2)													1.75%
25		Annual Amortization Expense	Line 23 x Line 24													\$ 38,102
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, 2013

A

(2013 Filing Exhibit No. JMB-3h, Page 2)

B

C

Line	Description	Deferred Depreciation at 12/31/2012												Total Balance at Dec-13														
		Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13																
1	<u>Cumulative Balance</u>																											
2	Meter Installation - Deferred Depreciation	\$	62,792	\$	61,830	\$	64,841	\$	70,072	\$	74,006	\$	82,609	\$	90,155	\$	92,418	\$	98,730	\$	102,129	\$	107,781	\$	109,684	\$	111,908	
3	Meter Installation - Deferred Depreciation Amortization		(100)		(125)		(150)		(175)		(200)		(225)		(250)		(275)		(300)		(395)		(490)		(585)		(680)	
2	Meter Installation - Deferred Depreciation	\$	62,692	\$	61,705	\$	64,691	\$	69,897	\$	73,806	\$	82,384	\$	89,905	\$	92,143	\$	98,430	\$	101,734	\$	107,291	\$	109,099	\$	111,228	
																To JCS-3, Line 20												
Line	Description		Activity for												Total Balance by Calendar Year													
			Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12														
4	Meter Installation In-Service Activity	2013 Filing Exhibit No. JCS-3a	\$	5,611	\$	45,033	\$	162,199	\$	179,341	\$	393,923	\$	407,039	\$	41,130	\$	454,387	\$	172,988	\$	445,781	\$	145,782	\$	157,828	\$	2,611,042
5	Less: Retirements - Services	2013 Filing Exhibit No. JCS-3b		(54)		-		(367)		(374)		(702)		(1,015)		(156)		(925)		(111)		(1,230)		(133)		(194)		(5,261)
6	Net Meter Installation Additions	Line 4 + Line 5	\$	5,557	\$	45,033	\$	161,832	\$	178,967	\$	393,221	\$	406,024	\$	40,974	\$	453,462	\$	172,877	\$	444,551	\$	145,649	\$	157,634	\$	2,605,781
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 1/1/2013 to Effective Date of DRR Rates, 9/1/2013			8		8		8		8		8		8		8		8		8		8		8		8		
9	Depreciation Expense Recognized - 1/1/2013 to 9/1/2013	Line 6 x Line 7 x Line 8	\$	67	\$	546	\$	1,964	\$	2,171	\$	4,771	\$	4,926	\$	497	\$	5,502	\$	2,098	\$	5,394	\$	1,767	\$	1,913	\$	31,617
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	Calendar Year													
10	Meter Installation In-Service Activity	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
11	Less: Retirements - Services	Exhibit No. JCS-3b		(471)		(226)		(516)		(404)		(977)		(369)		(437)		(194)		(481)		(178)		(336)		(991)		(5,580)
12	Net Meter Installation Additions	Line 10 + Line 11	\$	(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
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 Rates, 9/1/2014			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 9/1/2014	Line 12 x Line 13 x Line 14	\$	(1,745)	\$	4,342	\$	6,019	\$	3,421	\$	7,919	\$	5,843	\$	4,334	\$	2,251	\$	4,275	\$	1,087	\$	861	\$	5,286	\$	43,894
16	Calendar Year 2013		\$	(1,029)	\$	2,464	\$	3,267	\$	1,762	\$	3,832	\$	2,619	\$	1,766	\$	810	\$	1,301	\$	259	\$	136	\$	311	\$	17,499
17	Calendar Year 2014		\$	(716)	\$	1,878	\$	2,751	\$	1,659	\$	4,087	\$	3,224	\$	2,569	\$	1,441	\$	2,974	\$	828	\$	725	\$	4,975	\$	26,394
18	Meter Installations - Deferred Depreciation Amortization		\$	(25)	\$	(25)	\$	(25)	\$	(25)	\$	(25)	\$	(25)	\$	(25)	\$	(25)	\$	(95)	\$	(95)	\$	(95)	\$	(95)	\$	(580)
19	Net Meter Installation Deferred Depreciation at 12/31/2013	Line 1, Column B																								\$	111,908	
20	Average Service Life - Services	(2)																									1.82%	
21	Annual Amortization Expense	Line 19 x Line 20																								\$	2,037	

(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 2013 - August 2013 per Case No. 12-1423-GA-RDR, Exhibit SEA-S1, Page 5 of 5, Line 14	\$ 5,802,438		
2	Less: DRR Recoveries January 2013 - August 2013	(6,027,999)		-(Sum of Lines 19-26)
3	DRR (Over)/Under Recovery for Eight Months Ended August 31, 2013		\$ (225,561)	Line 1 + Line 2
4	Revenue requirement for September 2013 - December 2013 per Case No. 13-1121-GA-RDR, Exhibit SMK-S1, Page 5 of 5, Line 5	\$ 4,028,255		
5	Less: DRR Recoveries September 2013 - December 2013	(4,232,934)		-(Sum of Lines 27-30)
6	DRR (Over)/Under Recovery for Four Months Ended December 31, 2013		\$ (204,679)	Line 4 + Line 5
7	DRR (Over)/Under Recovery for Twelve Months Ended December 31, 2013		\$ (430,240)	Line 3 + Line 6
8	<u>(Over)/Under Recovery - Mains and Services Allocation</u>			
	Description	Revenue Requirement	%	DRR Variance Allocation
	2012	A ⁽¹⁾	B	C = Line 3 * B
9	Mains	\$ 2,181,366	25.0%	\$ (56,390)
10	Services	6,522,591	75.0%	(169,171)
11	Total	\$ 8,703,957	100.0%	\$ (225,561)
				Line 3
	2013	D ⁽²⁾	E	F = Line 6 * E
12	Mains	\$ 3,556,218	29.0%	\$ (59,357)
13	Services	8,568,623	71.0%	(145,322)
14	Total	\$ 12,124,841	100.0%	\$ (204,679)
				Line 6
15	Total Main (Over) Recovery Variance		\$ (115,747)	Line 9 + Line 12
16	Total Services (Over) Recovery Variance		\$ (314,493)	Line 10 + Line 13
				To JCS-2, Line 26
				To JCS-3, Line 38
17	<u>DRR Recoveries by Month:</u>			
18		Recovery - \$	Reference	
19	January 2013	\$ 897,022	Exhibit No. JCS-4a, Column H, Line 1	
20	February 2013	860,656	Exhibit No. JCS-4a, Column H, Line 2	
21	March 2013	834,801	Exhibit No. JCS-4a, Column H, Line 3	
22	April 2013	774,643	Exhibit No. JCS-4a, Column H, Line 4	
23	May 2013	666,584	Exhibit No. JCS-4a, Column H, Line 5	
24	June 2013	661,977	Exhibit No. JCS-4a, Column H, Line 6	
25	July 2013	666,892	Exhibit No. JCS-4a, Column H, Line 7	
26	August 2013	665,424	Exhibit No. JCS-4a, Column H, Line 8	
27	September 2013	804,642	Exhibit No. JCS-4a, Column H, Line 9	
28	October 2013	1,094,951	Exhibit No. JCS-4a, Column H, Line 10	
29	November 2013	1,096,351	Exhibit No. JCS-4a, Column H, Line 11	
30	December 2013	1,236,990	Exhibit No. JCS-4a, Column H, Line 12	
31	Total DRR Recoveries	\$ 10,260,933		

Notes:

(1) Revenue Requirement per Case No. 12-1423-GA-RDR (Exhibit SEA-S1, Page 1 of 5).

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

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

		A	B	C	D	E	F	G	H
		DRR Recoveries							
<u>Line</u>	<u>Month</u>	<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-13	\$ 587,749	\$ 31,693	\$ 21	\$ 221,199	\$ 22,649	\$ 33,711	\$ 897,022	
2	Feb-13	581,077	31,117	21	197,752	20,767	29,922	860,656	
3	Mar-13	577,978	31,128	21	170,868	19,759	35,048	834,801	
4	Apr-13	589,838	31,748	21	111,251	12,135	29,650	774,643	
5	May-13	578,860	30,571	21	20,100	9,036	27,997	666,584	
6	Jun-13	574,664	30,455	5	22,422	7,919	26,512	661,977	
7	Jul-13	574,605	30,669	10	26,412	8,200	26,997	666,892	
8	Aug-13	570,299	30,250	10	28,726	8,355	27,784	665,424	
9	Sep-13	674,684	37,971	12	35,870	15,034	41,071	804,642	
10	Oct-13	898,178	45,877	40	77,594	21,986	51,277	1,094,951	
11	Nov-13	788,500	41,683	30	178,885	29,607	57,647	1,096,351	
12	Dec-13	804,453	42,636	30	293,232	34,884	61,755	1,236,990	
13	Total	<u>\$ 7,800,884</u>	<u>\$ 415,799</u>	<u>\$ 239</u>	<u>\$ 1,384,310</u>	<u>\$ 210,331</u>	<u>\$ 449,370</u>	<u>\$ 10,260,933</u>	

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)	
Vectren Energy Delivery of Ohio, Inc.)	Case No. 14-0813-GA-RDR
for Authority to Adjust Its Distribution)	
Replacement Rider Charges.)	

DIRECT TESTIMONY

OF

SHAWN M. KELLY

DIRECTOR, REGULATORY AFFAIRS

ON BEHALF OF

VECTREN ENERGY DELIVERY OF OHIO, INC.

1 **Direct Testimony of**
2 **Shawn M. Kelly**

3 **I. INTRODUCTION**

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

5 A. My name is Shawn M. Kelly, and my address is One Vectren Square, Evansville, IN.

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

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

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

14 A. I graduated from Benedictine College in Atchison, Kansas with a Bachelor of Arts degree
15 with a major in Economics in 2000. I also graduated from Florida State University with a
16 Master's degree in Public Administration and Policy in 2003.

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

18 A. From 2002 to 2003, I was a Regulatory Analyst for the Florida Public Service
19 Commission. From 2003 to 2009, I was employed as a Utility Analyst for the Indiana
20 Utility Regulatory Commission. From 2009 to 2012, I was a Senior Analyst – Regulatory
21 Policy for Northern Indiana Public Service Company. I accepted my current position as
22 Director, Regulatory Affairs for VUHI in September 2012.

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

2 A. I have responsibility for regulatory and rate matters of the regulated utilities within
3 VUHI, including proceedings before the Indiana and Ohio utility regulatory
4 commissions.

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

6 A. Yes. I testified on behalf of VEDO in the most recent annual adjustment to VEDO's
7 Distribution Replacement Rider (DRR) in Case No. 13-1121-GA-RDR.

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

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

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

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

- 14 • Exhibit No. SMK-1, DRR – Derivation of Charges;
- 15 • Exhibit No. SMK-2, DRR – Tariff Sheet; and
- 16 • Exhibit No. SMK-3, DRR – Annual Residential Customer Bill Impact.

17 **II. BACKGROUND**

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

20 A. Yes. The Commission's February 19, 2014 Order in Case No. 13-1571-GA-ALT
21 approved a Stipulation and Recommendation (the 13-1571 Stipulation) between VEDO
22 and the Staff of the Public Utilities Commission of Ohio. In the 13-1571 Stipulation, the
23 Commission approved continuation of the DRR, which was originally approved in
24 VEDO's last general rate case, Case No. 07-1080-GA-AIR (the Rate Case). The 13-1571

1 Stipulation continues to allow VEDO to recover a return on and of investments made by
2 the Company under an accelerated bare steel and cast iron pipeline replacement program
3 (the Replacement Program), inclusive of capitalized interest (or post-in-service carrying
4 costs, or PISCC) associated with the Replacement Program, and to recover the
5 incremental costs of assuming responsibility for service lines.

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

7 A. The 13-1571 Stipulation provides that Replacement Program costs incurred through
8 December 31, 2017 are recoverable in the DRR. It also accelerated the pace of the
9 Replacement Program and clarified and expanded the scope of costs recoverable in the
10 DRR. These and other modifications are described in further detail in the 13-1571
11 Stipulation itself.

12 **III. EXHIBITS**

13 **Q11. Please describe Exhibit No. SMK-1.**

14 A. This exhibit contains the filing schedules to support the derivation of the Company's
15 proposed DRR charge.

16 Exhibit No. SMK-1, page 1, shows the allocation of the DRR revenue
17 requirement and the derivation of DRR charges by rate schedule. The rate schedule
18 allocation factors from page 2 (described below) are multiplied by the total revenue
19 requirement (from Exhibit No. JCS-1) to determine the allocated revenue requirement by
20 rate schedule. For residential (Rates 310, 311, and 315), small general service (Group 1
21 customers served under Rates 320, 321, and 325; hereinafter referred to as "Group 1
22 Customers"), and Rate 341 (Dual Fuel Standard Choice Offer Service) customers, the
23 allocated revenue requirement for each rate schedule is then divided by the projected
24 number of customers in each rate schedule, and then divided by 12, to determine the

1 monthly DRR charge applicable to customers in those rate schedules. For larger
2 customers (Group 2 and Group 3 customers under Rates 320, 321, and 325, hereinafter
3 referred to as “Group 2 and Group 3 Customers”) and all customers receiving service
4 under Rates 345 and 360, the allocated revenue requirement for each rate schedule is
5 divided by the projected annual throughput for each rate schedule to determine the DRR
6 charge per Ccf applicable to those rate schedules.

7 Exhibit No. SMK-1, page 2, lists the rate schedule distribution mains and service
8 lines allocation factors from the Rate Case. These allocation factors are used to allocate
9 the mains and service lines revenue requirements to the various rate schedules.

10 Exhibit No. SMK-1, page 3, shows how the general service customer DRR
11 charges are determined. Due to the similarity in facilities required to serve Group 1
12 Customers and those required to serve residential customers, and consistent with the
13 Commission’s order in the Rate Case, VEDO presents a DRR charge to Group 1
14 Customers equal to the DRR charge applicable to residential customers. The residential
15 DRR charge is multiplied by the number of Group 1 Customers, with that result
16 multiplied by 12 to determine the annual DRR revenue requirement to be recovered from
17 Group 1 Customers. The Group 1 Customer revenue requirement is then subtracted from
18 the total revenue requirement allocated to Rates 320, 321, and 325. The resulting amount
19 is then divided by the projected annual throughput for Group 2 and Group 3 Customers to
20 determine the DRR charge per Ccf applicable to those customers.

21 Exhibit No. SMK-1, page 4, shows the impact of the proposed DRR on each rate
22 schedule.

Exhibit No. SMK-1, page 5, identifies the recoveries applicable to the periods September 2014 through December 2014 and January 2015 through August 2015. These are the 12 months during which the proposed DRR is projected to be in effect. The purpose of this schedule is to provide the basis for determining the revenue requirement recovery variance applicable to the period of September through December 2014, since in the next annual DRR filing VEDO will reconcile actual costs and actual recoveries through December 2014¹. The variance determined on Exhibit No. JCS-4, page 1, is allocated to mains and services based upon the approved revenue requirements in VEDO's 2012 and 2013 DRR Filings. The allocated variances are added to the annual revenue requirements for mains and services, shown on Exhibit No. JCS-2 and Exhibit No. JCS-3 respectively, for investments made in 2013. Likewise, in the 2015 DRR filing the variance applicable to the period of January through August 2014 will be based upon the recoveries for that period as identified on page 5. This methodology is consistent with the previous annual DRR filings.

Q12. Please describe Exhibit No. SMK-2.

A. Exhibit No. SMK-2 illustrates the proposed DRR tariff sheet (redlined and clean) containing the proposed DRR charges and changes resulting from the 13-1571 Stipulation.

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

A. No. The proposed DRR charge of \$3.60 per month for Residential and Group 1 General Service customers is below the approved cap (\$4.05 per month) for the recovery period September 1, 2014 through August 31, 2015.

¹ Recoveries applicable to January through August 2014 were included in the determination of the final DRR revenue requirement in the 2013 DRR Filing, Case No. 13-1121-GA-RDR.

1 **Q14. Please describe Exhibit No. SMK-3.**

2 A. The annual impact of the proposed DRR on a residential customer is shown on Exhibit
3 No. SMK-3.

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

5 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	\$2,961,094	\$9,449,792	\$12,410,886	287,457	\$3.60		
2	320/321/325	\$1,126,531	\$1,573,079	\$2,699,609				
3	Group 1			\$657,806 (d)	15,227	\$3.60		
4	Group 2 & 3			\$2,041,803 (d)			70,888,357	\$0.02880
5	341	\$219	\$250	\$470	2	\$19.57		
6	345	\$295,734	\$48,716	\$344,450			47,451,446	\$0.00726
7	360	<u>\$432,813</u>	<u>\$21,564</u>	<u>\$454,377</u>			93,310,453	\$0.00487
8	Total (a)	<u><u>\$4,816,391</u></u>	<u><u>\$11,093,401</u></u>	<u><u>\$15,909,792</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. SMK-1, Page 2
(c) 2014 Budget - Customer Count and Volumes
(d) From Exhibit No. SMK-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 Line 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	\$3.60	Per Month	Exhibit No. SMK-1, Page 1
2	Proposed DRR - Rate 320/321/325 - Group 1	\$3.60	Per Month	Line [1]
3	Customer Count - Group 1	<u>15,227</u>		Exhibit No. SMK-1, Page 1
4	Revenue Requirement - Group 1 (1)	\$657,806		Line [2] x Line [3] x 12
5	Revenue Requirement - Total 320/321/325	<u>\$2,699,609</u>		Exhibit No. SMK-1, Page 1
6	Revenue Requirement - Group 2 & 3 (1)	<u><u>\$2,041,803</u></u>		Line [5] - Line [4]

Notes:
(1) to Exhibit No. SMK-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 (c)</u>	<u>Incremental DRR Revenue Requirement (C)-(B)</u>	<u>% Increase (D)/(A)</u>	
1	310/311	\$58,435,573	\$5,472,446	\$7,061,825	\$1,589,378	2.72%	(d)
2	315	\$35,339,440	\$4,012,987	\$5,349,062	\$1,336,074	3.78%	(b) (d)
3	320/321	\$11,277,527	\$1,124,800	\$1,507,040	\$382,240	3.39%	(d)
4	325	\$10,838,492	\$922,040	\$1,192,569	\$270,530	2.50%	(b) (d)
5	341	\$15,310	\$355	\$470	\$114	0.75%	
6	345	\$6,088,046	\$255,986	\$344,450	\$88,464	1.45%	(b)
7	360	<u>\$7,969,720</u>	<u>\$336,227</u>	<u>\$454,377</u>	<u>\$118,150</u>	1.48%	(b)
8	Total	\$129,964,108	\$12,124,841	\$15,909,792	\$3,784,951	2.91%	

(a) Twelve months ending December 31, 2013

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

(b) Does not include gas costs

(c) From Exhibit No. SMK-1, Page 1

(d) Current revenues calculated as unit rate times Number of customers

**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-14	7.42%	\$1,180,037
2	October-14	7.79%	\$1,238,637
3	November-14	8.39%	\$1,334,853
4	December-14	9.36%	\$1,489,873
5	Subtotal (To Sixth Annual DRR Filing)		\$5,243,401
6	January-15	10.09%	\$1,605,610
7	February-15	9.54%	\$1,518,577
8	March-15	9.25%	\$1,471,650
9	April-15	8.17%	\$1,299,534
10	May-15	7.65%	\$1,216,907
11	June-15	7.48%	\$1,190,801
12	July-15	7.44%	\$1,183,437
13	August-15	7.42%	\$1,179,875
14	Subtotal (To Seventh Annual DRR Filing)		\$10,666,391

(1) Based on monthly volumes / customer count (as applicable) as a percentage of annual, in 2014 Budget.

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

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DISTRIBUTION REPLACEMENT RIDER

APPLICABILITY

The Distribution Replacement Rider (DRR) is applicable to any Customer served under the Rate Schedules identified below.

- Rate 310 - Residential Default Sales Service
- Rate 311 – Residential Standard Choice Offer Service
- Rate 315 - Residential Transportation Service
- Rate 320 - General Default Sales Service
- Rate 321 – General Standard Choice Offer Service
- Rate 325 - General Transportation Service
- Rate 341 - Dual Fuel Standard Choice Offer Service
- Rate 345 - Large General Transportation Service
- Rate 360 - Large Volume Transportation Service

DESCRIPTION

The DRR will be effective ~~for the lesser of five (5) years from the effective date of rates in Case No. 07-1080-GA-AIR through August 31, 2019~~ or until new rates become effective as a result of the filing by Company of an application for an increase in rates pursuant to Section 4909.18, Revised Code, or a proposal to establish base rates pursuant to an alternative method of regulation under Section 4929.05, Revised Code, whichever comes first.

All applicable Customers shall be assessed either (a) a monthly charge in addition to the Monthly Charge or Customer Charge component of their applicable Rate Schedule, or (b) a volumetric charge applicable to each Ccf of metered gas usage each month, that will enable Company to recover (1) the return on and of plant investment, including capitalized interest, or post-in-service carrying cost charges ("PISCC"), along with incremental costs incurred under a multi-year program for the accelerated replacement and retirement of cast iron mains and bare steel mains and service lines, which includes, subject to provisions approved by the Commission in Case No. 13-1571-GA-ALT, (a) replacement and retirement of interspersed plastic main in the cast iron or bare steel distribution system, (b) replacement and retirement of field-coated steel infrastructure, (c) replacement and retirement of obsolete pipe and appurtenances, (d) replacement and retirement of vintage plastic pipe when done in conjunction with a cast iron or bare steel replacement/retirement project, and, (e) the non-reimbursable portion of any project that requires the replacement, retirement, or relocation of existing infrastructure as a result of a public works project, (2) deferred expenses incurred during Company's investigation of the installation, use, and performance of natural gas service risers, (3) all costs of replacement of prone-to-fail risers, (4) the incremental costs attributable to assuming ownership of all service lines installed or replaced by Company, and (5) the incremental cost of assuming maintenance responsibility for all service lines.

~~, less (6) Recoverable costs shall be offset by the greater of the Operations and Maintenance credit, calculated pursuant to the Commission's order in Case No. 13-1571-GA-ALT or the actual annual savings of certain Operations and Maintenance ("O&M") expenses from the baseline O&M of \$1,192,953 established in Case No. 07-1080-GA-AIR.~~

The DRR will be updated annually, in order to reflect the impact on Company's DRR revenue requirement of net plant additions and other applicable, incremental costs, as offset by ~~maintenance expense reductions attributable to the replacement program~~ the O & M credit or

Filed pursuant to the Opinion Finding and Order dated November 4, 2009 in Case No. 07-128514-0813-GA-EXMRDR and the ~~Finding and Order dated March 17, 2010 in Case No. 09-1984-GA-ATA~~ of The Public Utilities Commission of Ohio.

Issued: March 29, 2010 Issued by Jerrold L. Ulrey Scott E. Albertson, Vice-President
Effective: April 1, 2010

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savings, as applicable. Actual costs and actual recoveries are reconciled annually, with any under or over recovery being recovered or returned over the next twelve month period.

The monthly DRR charge applicable to Rate 310, 311, 315, 320 (Group 1), 321 (Group 1) and 325 (Group 1) customers shall be subject to capped at \$1.00 per month in the initial annual DRR filing to be made in May 2010. Annual increases to the cap shall be limited to \$1.00 per month, caps approved by the Commission in Case No. 13-1571-GA-ALT.

Filed pursuant to the Opinion Finding and Order dated November 4, 2009 in Case No. 07-128514-0813-GA-EXMRDR and the Finding and Order dated March 17, 2010 in Case No. 09-1984-GA-ATA of The Public Utilities Commission of Ohio.

Issued: March 29, 2010 Issued by Jerrold L. UlreyScott E. Albertson, Vice-President
Effective: April 1, 2010

VECTREN ENERGY DELIVERY OF OHIO, INC.
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DISTRIBUTION REPLACEMENT RIDER

DISTRIBUTION REPLACEMENT RIDER CHARGE

The charges for the respective Rate Schedules are:

<u>Rate Schedule</u>	<u>\$ Per Month</u>	<u>\$ Per Ccf</u>
310, 311 and 315	\$2.77 <u>3.60</u>	
320, 321 and 325 (Group 1)	\$2.77 <u>3.60</u>	
320, 321 and 325 (Group 2 and 3)		\$0.02 341 <u>880</u>
341	\$1 4.80 <u>9.57</u>	
345		\$0.00 561 <u>726</u>
360		\$0.00 362 <u>487</u>

Filed pursuant to the Opinion and Order dated ~~August 28, 2013~~ in Case No. 134-~~1121~~0813-GA-RDR of The Public Utilities Commission of Ohio.

Issued: ~~August 29, 2013~~ Issued by Scott E. Albertson, Vice-President Effective: ~~September 1, 2013~~

VECTREN ENERGY DELIVERY OF OHIO, INC.
Tariff for Gas Service
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DISTRIBUTION REPLACEMENT RIDER

APPLICABILITY

The Distribution Replacement Rider (DRR) is applicable to any Customer served under the Rate Schedules identified below.

- Rate 310 - Residential Default Sales Service
- Rate 311 – Residential Standard Choice Offer Service
- Rate 315 - Residential Transportation Service
- Rate 320 - General Default Sales Service
- Rate 321 – General Standard Choice Offer Service
- Rate 325 - General Transportation Service
- Rate 341 - Dual Fuel Standard Choice Offer Service
- Rate 345 - Large General Transportation Service
- Rate 360 - Large Volume Transportation Service

DESCRIPTION

The DRR will be effective through August 31, 2019 or until new rates become effective as a result of the filing by Company of an application for an increase in rates pursuant to Section 4909.18, Revised Code, or a proposal to establish base rates pursuant to an alternative method of regulation under Section 4929.05, Revised Code, whichever comes first.

All applicable Customers shall be assessed either (a) a monthly charge in addition to the Monthly Charge or Customer Charge component of their applicable Rate Schedule, or (b) a volumetric charge applicable to each Ccf of metered gas usage each month, that will enable Company to recover (1) the return on and of plant investment, including capitalized interest, or post-in-service carrying cost charges ("PISCC"), along with incremental costs incurred under a multi-year program for the accelerated replacement and retirement of cast iron mains and bare steel mains and service lines, which includes, subject to provisions approved by the Commission in Case No. 13-1571-GA-ALT, (a) replacement and retirement of interspersed plastic main in the cast iron or bare steel distribution system, (b) replacement and retirement of field-coated steel infrastructure, (c) replacement and retirement of obsolete pipe and appurtenances, (d) replacement and retirement of vintage plastic pipe when done in conjunction with a cast iron or bare steel replacement/retirement project, and, (e) the non-reimbursable portion of any project that requires the replacement, retirement, or relocation of existing infrastructure as a result of a public works project, (2) deferred expenses incurred during Company's investigation of the installation, use, and performance of natural gas service risers, (3) all costs of replacement of prone-to-fail risers, (4) the incremental costs attributable to assuming ownership of all service lines installed or replaced by Company, and (5) the incremental cost of assuming maintenance responsibility for all service lines.

Recoverable costs shall be offset by the greater of the Operations and Maintenance credit, calculated pursuant to the Commission's order in Case No. 13-1571-GA-ALT or the actual annual savings of certain Operations and Maintenance ("O&M") expenses from the baseline O&M of \$1,192,953 established in Case No. 07-1080-GA-AIR.

The DRR will be updated annually, in order to reflect the impact on Company's DRR revenue requirement of net plant additions and other applicable, incremental costs, as offset by the O & M credit or savings, as applicable. Actual costs and actual recoveries are reconciled annually, with any under or over recovery being recovered or returned over the next twelve month period.

The monthly DRR charge applicable to Rate 310, 311, 315, 320 (Group 1), 321 (Group 1) and 325 (Group 1) customers shall be subject to caps approved by the Commission in Case No. 13-1571-GA-ALT.

Filed pursuant to the Opinion and Order dated _____ in Case No. 14-0813-GA-RDR of The Public Utilities Commission of Ohio.

Issued: _____ Issued by Scott E. Albertson, Vice-President Effective: _____

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DISTRIBUTION REPLACEMENT RIDER

DISTRIBUTION REPLACEMENT RIDER CHARGE

The charges for the respective Rate Schedules are:

<u>Rate Schedule</u>	<u>\$ Per Month</u>	<u>\$ Per Ccf</u>
310, 311 and 315	\$3.60	
320, 321 and 325 (Group 1)	\$3.60	
320, 321 and 325 (Group 2 and 3)		\$0.02880
341	\$19.57	
345		\$0.00726
360		\$0.00487

Filed pursuant to the Opinion and Order dated _____ in Case No. 14-0813-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 SMK-1, Page 1, Column (E), Line 1	\$3.60	Exhibit No. SMK-1, Page 1
2	Current DRR Charge Per Customer Per Month	<u>\$2.77</u>	2013 DRR Filing
3	Incremental DRR Charge Per Month	\$0.83	Line [1] - Line [2]
4	Months	<u>12</u>	
5	Annual Incremental Bill Impact	<u>\$9.96</u>	Line [3] x Line [4]
6	Total Annual DRR Bill Amount	<u>\$43.20</u>	Line [1] x Line [4]

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Case No(s). 14-0813-GA-RDR

Summary: Application for Authority to Adjust Its Distribution Replacement Rider Charges electronically filed by Mr. Gregory L. Williams on behalf of Vectren Energy Delivery of Ohio, Inc.