Benton Utilities SSES Meeting with ADEQ August 12, 2013



A. Introduction

- 1. Benton Utilities Sanitary Sewer System serves a population of approx. 30,681
- 2. Approx. 19 wastewater projects were completed since 2006 to improve the wastewater system and accommodate future growth with a construction cost of approx. \$29.3 million.
- 3. The Sewer System Evaluation Study (SSES) was performed to inspect the Benton Utilities Gravity Sanitary Sewer System to locate areas of inflow and infiltration (I & I) in order to prevent Sanitary Sewer Overflows (SSOs).

B. Sanitary Sewer Overflows

1. Between August 2008 and July 2010, prior to the implementation of the SSES, a total of 145 SSOs were recorded.

C. Drainage Basins

- 1. The Benton Utilities sanitary sewer system is divided into eleven (11) drainage basins.
 - a. Basin 5 had the highest concentration of SSOs from January 2008 to June 2013.
 Basin 5 is located in the oldest part of the city and has the most linear feet of gravity pipe.
 - b. Basin 10 has the highest number of manholes and is also located in an older part of the city.
 - c. Drainage Basins were prioritized. The SSES field investigation began with Basin5 and 10 and so forth according to the priority number.

D. SSES Investigations

- 1. Smoke Testing
 - a. Benton Utilities Smoke Test Field Inspection Form
- 2. Manhole Inspection Program
 - a. Benton Utilities Manhole Field Inspection Form
- 3. Closed Circuit Television (CCTV) Inspection
 - a. Benton Utilities Cleaning and Video Field Inspection Form
 - b. BU started with mainlines that have a known history of reoccurring maintenance issues.

E. Rehabilitation Plan

- 1. Benton Utilities Sanitary Sewer Manhole Repair Record
- 2. Benton Utilities Sanitary Sewer Gravity Main Repair Record
- 3. Benton Utilities Service Line Repair Record.

F. Find and Fix

- 1. A process by which critical system repairs were made in a more timely and costeffective manner.
 - a. Service Line Repairs
 - 1. All 399 cleanout leaks have been repaired
 - 2. All 204 service line leaks have been repaired

Benton Utilities SSES Meeting with ADEQ August 12, 2013



2. Pipe bursting

- a. BU currently maintains a pipe bursting contract with an on-call contractor
- b. Budget is approx. \$200,000 per year

G. Recommended Rehabilitation Plan

- 1. Recommended Infiltration Removal
 - a. Includes 3,634 identified repairs to manholes within the gravity sewer system.
 - b. The estimated capital cost would be approximately \$1.78 million.
 - c. Infiltration sources from manholes are corrected by the following repairs:
 - 1. Replace Manhole
 - 2. Replace Bench & Trough or Repair Around Pipe
 - 3. Remove Roots
 - 4. Replace Cover
 - 5. Raise Rim
 - 6. Seal Rim or Extension
 - 7. Cementitious Lining

2. Recommended Inflow Removal

- a. Sewer line replacement is recommended for approximately 1,400 LF, pipe bursting for approximately 20,000 LF, and point repairs at 81 locations.
- b. The estimated capital cost would be approximately \$2.02 million.
- c. Repairs for inflow removal are broken into the following three categories:
 - 1. Point Repair
 - 2. Line Replacement
 - 3. Pipe bursting

3. Summary of Recommended Plan

- a. The SSES identified Basin 10 and 5 as the highest priority basins to begin the manhole and main line rehabilitation program.
- b. The short term goals are for Benton Utilities Personnel to continue the manhole rehabilitation program and pipe bursting contract.
 - 1. BU to complete all 336 manhole rehabilitations by method of cementitious lining by October 2016.
 - 2. BU to keep the pipe bursting contract with the minimum budget that is currently in place of \$200,000 per year.
- c. Long term goals include the possibility of passing a bond issue to take bids to complete a capital improvement sanitary sewer rehabilitation project. The rehabilitation project would make the final improvements that cannot be completed by the city or the on-call contractor.

H. Summary of Results

- 1. BU has been able to substantially reduce the number of SSOs recorded from August 2008 to June 2013.
- 2. Benton Utilities recorded zero (0) SSOs for the months of May and June 2013.

SEWER SYSTEM EVALUATION STUDY (SSES)

BENTON PUBLIC UTILITY COMMISSION, BENTON, ARKANSAS

August 12, 2013

TABLE OF CONTENTS

1.0 Introduction	3
2.0 Sanitary Sewer Overflows	6
3.0 Drainage Basins	7
4.0 SSES Investigations	9
4.1 Smoke Testing	9
4.1.1 Benton Utilities Smoke Test Field Inspection Form	9
4.2 Manhole Inspection Program	10
4.2.1 Benton Utilities Manhole Field Inspection FormForm	10
4.3 CCTV Inspections	11
4,3.1 Benton Utilities Cleaning and Video Field Inspection Form	11
5.0 Rehabilitation Plan	12
5.1 Benton Utilities Sanitary Sewer Manhole Repair Record	12
5.2 Benton Utilities Sanitary Sewer Gravity Main Repair Record	13
5.3 Benton Utilities Service Line Repair Record	15
6.0 Find and Fix	15
6.1 Service Line Repairs	16
6.2 Pipe Bursting	
7.0 Recommended Rehabilitation Plan	17
7.1 Recommended Infiltration Removal	
7.2 Recommended Inflow Removal	
7.3 Summary of Recommended Plan	21
8.0 Summary of Results	22





APPENDICES

APPENDIX NUMBER AND TITLE

- 1. OVERFLOW RESPONSE PLAN
- 2. DRAINAGE BASIN PLAN
- 3. SMOKE TEST FIELD INSPECTION FORM
- 4. MANHOLE REPAIR RECORD
- 5. BENTON UTILITIES SANITARY SEWER MANHOLE REPAIR RECORD
- 6. SUMMARY OF UNACCOUNTED MANHOLES
- 7. BENTON UTILITIES SANITARY SEWER GRAVITY MAIN REPAIR RECORD
- 8. BENTON UTILITIES SERVICE LINE REPAIR RECORD

1.0 Introduction

The Benton Utilities Sanitary Sewer System located in the City of Benton, Arkansas serves a population of approximately 30,681. The sanitary sewer system includes approximately 7 miles of sewer force mains (and associated valves and appurtenances), approximately 150 miles of gravity sewers (and associated manholes), and 39 pumping facilities. The Benton Utilities Sanitary Sewer System transports the flow to one sewage treatment plant (STP) and it is not interconnected with any other collection systems.

The following list details the many projects that the Benton Public Utility Commission has completed to improve the Benton Utilities Sanitary Sewer System since 2006.

2006 Thomas Pasture Gravity Sewer

The project included replacing 19,539 LF of gravity sewer line consisting of 30-, 24-, 18- and 15-inch lines to increase capacity. \$2.85 million in construction costs.

Sanitary Sewer Mapping

The project included GPS mapping of the entire sanitary sewer collection system. A hydraulic analysis of the main trunk lines within in the system was performed as well.

Sewer Master Plan for Area North of I-30

A master plan was developed for an area of approximately 11 square miles located in the northern part of the city. The plan considered future growth potential and collection system additions/modifications to accommodate that growth.

Equalization Basin

A 57 million gallon earthen equalization basin was constructed including the installation of manholes, a duplex pump station, aerators, 1,450 LF of 18-inch force main, 1,500 LF of 12-inch inverted siphon sewer line, and a backup generator. An automatic control system shunts all excess water to the equalization basin, preventing upsets at the WWTP due to the hydraulic overload. \$2.7 million in construction costs.

2007 I-30 West Utilities Extension

Approximately 1,075 LF of 15-inch Gravity Sewer, 9,800 LF of 12-inch PVC Sewer force main, and a 30-horsepower pump station was installed to accommodate future growth. \$800,047 in construction costs.

Airline Gravity Sewer

Approximately 9,000 LF of 24 inch to 36 inch gravity sewer was installed to replace undersized lines to increase capacity. Approximately \$3 million in construction costs.

Alcoa Road Sewer Extension

Approximately 2,200 LF of 10" PVC gravity sewer was installed to accommodate future growth. \$198,133 in construction costs.

HWY 5/Riverside Pump Station and Force Main

Approximately 10,000 LF of 12" force main, 2,900 LF of gravity sewer, and two pump stations was installed to accommodate future growth. \$800,892 in construction costs.

Christy Acres Sewer Improvements

Approximately 10,544 LF of gravity sewer line, 4,678 LF of force main, and three pump stations were installed to increase capacity to accommodate future growth. Construction cost was \$797,779.

Hurricane Lake Pump Station

This project consisted of installing new pumps in an existing wet well and 13,830 LF of 16 inch force main to increase capacity in preparation for future growth. Construction cost was approximately \$850,085.

2008 Wastewater Treatment Plant Expansion

The construction of the Wastewater Treatment Plant expansion increased capacity from 5 MGD to 8 MGD. This project included a new oxidation basin, an 82 inch digester, a 120 foot clarifier, an ultraviolet disinfection system, operations building and pump station renovations. Total construction cost was approximately \$13.5 million.

2009 Willow Street Pump Rehabilitation

This project included the installation a sewage overflow pump station containing two submersible pumps designed to pump 5556 GPM in parallel next to the existing Willow Street pump station. The new pump station collects the additional flow caused by I & I then shunts that excess flow to the EQ basin to prevent SSOs upstream. The influent is screened prior to entering the basin. Construction cost was approximately \$562,193.

2010 Sewer Line Pipe Bursting

The project included sewer pipe bursting of approximately 5,575 LF of existing sewer line and inserting HDPE pipe, point repairs as required to remove obstructions; sag remediation of replaced lines; restoration of service connections by open cut; pre-construction and post-construction video of all pipe burst lines; and restoration of all disturbed surfaces and facilities to existing condition. The contract covers a 5 year period. The first year construction cost was \$393,907.

Pump Station Rehab

The River St., Coats Rd., Neely St., and Chatfield sewer pump stations were rehabilitated. Work consisted of removing the existing dry pit submersible pumps and retrofitting the existing wet well to accommodate new submersible pumps. Construction cost was approximately \$264,062

2011 Process Washwater Pump Station

A process washwater pump station was installed at the Benton Wastewater Treatment Plant to pump and screen effluent discharged from the plant back to various processes within the plant, i.e. dryer, sludge press, screens, digesters, and clarifiers The project reduced the potable water used by the WWTP approximately 10,000 gal/month. Construction cost was \$414,717.

2012 Thomas Pasture Pump Station and Force Main Upgrade

2385 LF of 20 inch ductile iron sewage force main and pump station up grade with three (3) new dry pit pumps with VFD's were installed to increase capacity for future growth. Construction cost was \$735,220.

Alcoa Road Gravity Sewer

835 LF of 10 inch gravity main was relocated and extended along Alcoa Rd. to accommodate future growth. Construction cost was \$304,859.

2013 Edison 24-inch Gravity Sewer

The project included the installation of 4,300 LF of 24" gravity sewer line to replace existing undersized lines to prevent SSOs. New manholes were also installed to prevent I & I. There are two more phases to the project in the future to replace another 8,000 LF of existing sewer main. The Phase I construction cost was \$562,712.

Hurricane Lake Pump Station Modifications

The project consisted of upsizing the existing pumps to accommodate future growth. Construction cost was \$519,764.

The Sewer System Evaluation Study (SSES) was performed to inspect the Benton Utilities Gravity Sanitary Sewer System to locate areas of inflow and infiltration (I & I) in order to prevent Sanitary Sewer Overflows (SSOs). Figure 1 shows examples of I & I that are to be corrected in the sanitary sewer system. The study consists of first dividing the entire system in into drainage basins. The basins were then prioritized based on location and concentration of identified SSOs. Smoke testing was performed in all basins, beginning with the highest priority basin. Closed Circuit Television (CCTV) Inspections were performed on sewer lines deemed necessary based on the results of the smoke testing and/or reoccurring maintenance issues. Manhole inspections were performed in all basins. A method of repair and cost was developed for the deficiencies found in the sewer system. The improvements were then prioritized and a schedule of long and short term goals for correcting the deficiencies in the sewer system was developed. Many repairs, such as uncapped cleanouts, were made immediately and are explained in more detail within the study.

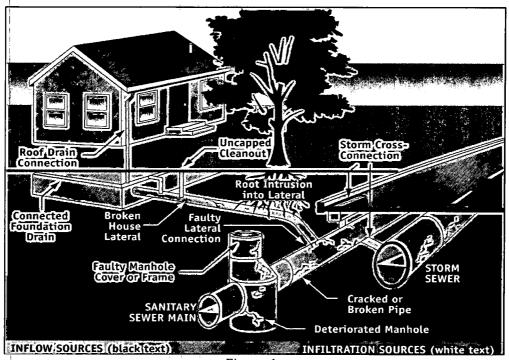
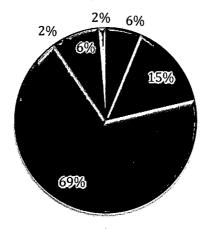


Figure 1

The primary goal of the SSES is to minimize the number of SSOs. A copy of the Benton Utilities Sanitary Sewer Overflow Response Plan is included in Appendix 1. Between August 2008 and July 2010, prior to the implementation of the SSES, a total of 145 SSOs were recorded. Graph 1 shows which component of the sewer system those SSOs occurred and Graph 2 categorizes the causes of the SSOs.

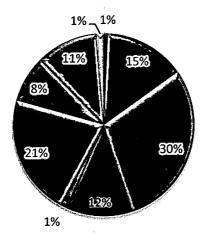
Sanitary Sewer Overflows Aug-2008 to July 2010



- Service Lines = 9
- Lift Stations = 22
- Manholes = 100
- Treatment Plant = 3
- Force Mains = 9
- **Gravity Lines = 2 Gravity Lines = 2**

Graph 1

Sanitary Sewer Overflows Aug-2008 to July-2010 by Causes



- Construction = 1
- Equipment = 21
- Rain (I&I) = 43
- Roots = 17
- Debri = 2
- Grease = 31
- ☑ Line Failure = 12
- Roots & Grease = 16
- ☑ Vandalism = 2

Graph 2

The graphs developed during the study show that manholes in the gravity sanitary sewer system make up the majority of the SSOs. Surface water infiltrates the wastewater collection system during rainfall events which result in hydraulic backups and cause the system to surcharge. The SSES examines each component of the gravity sewer system to pinpoint the exact causes in order to minimize the number of SSOs.

3.0 Drainage Basins

The Benton Utilities sanitary sewer system is divided into eleven (11) drainage basins. The drainage basin map is shown in Figure 2 and a large copy is included in Appendix 2. Each basin was separated by grids as explained in Section 3.1.1 System Profile of the Benton Utilities Capacity, Management, Operation, & Maintenance (CMOM) Manual. Table 1 shows the priority of the drainage basins based upon location and concentration of identified SSOs. Basin 5 had the highest concentration of SSOs from January 2008 to June 2013. Basin 5 is located in the oldest part of the city and has the most linear feet of gravity pipe. Basin 10 has the highest number of manholes and is also located in an older part of the city. Therefore, the SSES field investigation began with Basin 5 and 10 and so forth according to the priority number.

Table 1

Priority No.	Basin No.	No. of Manholes	Linear of Feet of Gravity Pipe	Total No. of SSOs 2008 - June 2013
1	5	594	215,742	104
2	10	949	191,158	77
3	3	655	134,425	41
4	4	217	66,350	26
. 5	11	540	106,185	21
6	2	495	132,950	19
7	7	124	28,067	7
8	8	386	91,395	6
9	1	110	18,408	4
10	6	210	36,691	2
11	9	107	35,629	2
Tota	ıls	4,387	841,258	309

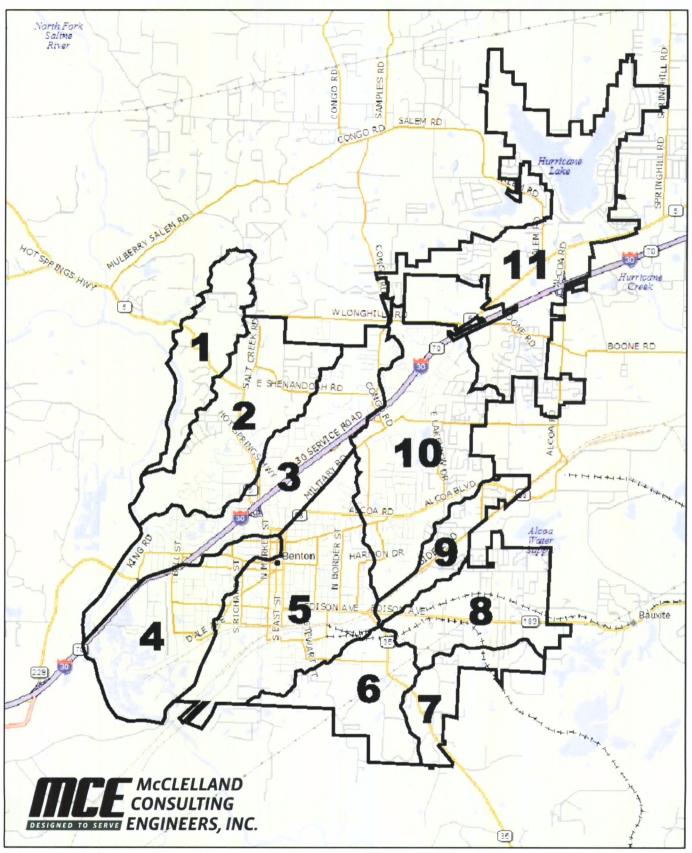


Figure 2

4.0 SSES Investigations

Gravity sewers within the Benton Utilities sanitary sewer system were inspected for structural integrity and maintenance issues. These assessment activities included smoke testing, manhole inspections, and Closed Circuit Television (CCTV) as deemed necessary by smoke testing or reoccurring maintenance issues. Smoke testing and manhole inspections began in Basin 5 because that basin had the highest number of SSOs.

4.1 Smoke Testing

Smoke Testing was conducted to identify the location of inflow sources such as structural damage in sewer pipes or manholes, cross connections including but not limited to roof leaders, foundation drains, yard drains, storm sewers, and undocumented/illegal connections. Smoke testing for the Benton Utilities Sanitary Sewer System began May 2011 with Basin 5 and was completed in July 2012 with Basin 8. Smoke Testing results were recorded on Smoke Test Record forms then placed in labeled three ring binders for each basin. The binders are divided into four categories; Clean Out Broken – Leak, Service Leak, Manhole Leak, and Possible Main Leak.

4.1.1 Benton Utilities Smoke Test Field Inspection Form

The standard Smoke Test Inspection Form is completed for sanitary sewer mains where a conditional assessment is performed. The location of the sewer main is identified by the Street Name or a Location description, Downstream and Upstream Manhole Number, and corresponding Basin and Grid Number. The physical characteristics of each line are recorded including size of the main in inches and the line material. A description of the area cover above the line is identified as the following: Concrete Pavement, Asphalt Pavement, Sidewalk, Gravel, Grass, or Wooded. The defect location in the line is checked as the following: Main Line, Service Line, Cleanout, Leak at Manhole, Cross Connect, or Other. If other is checked then a description is provided. A copy of the Smoke Test Field Inspection form is included in Appendix 3.

The following documentation is collected for each Smoke Test Record:

Photographs

- The photo number is logged on the Smoke Test Field Inspection Form.
- Photographs of the identified defect in the sewer system are included behind the Smoke Test Field Inspection Form for that particular main line.

Field Sketches

• A field sketch is created to identify the location of the sewer system defect. The sketch includes the use of street names, dimensions from structures, and any other identifying features to describe the location of the sewer system defect.

The inspector records his/her initials and the date of the inspection. Personnel performing the main line inspection provide any additional comments that are pertinent to identifying any defects in the sewer system at the bottom of the page.

4.2 Manhole Inspection Program

Sanitary sewer manhole inspections are an important component of the gravity sewer system assessment due to the susceptibility of manholes to structural defects and/or I & I which may contribute to SSOs. Manhole inspections not only provide valuable information on the physical condition of the manholes, but also an opportunity to observe pipe diameters, inverts, and surcharging within the main line gravity sewers.

The data collected during manhole inspections is recorded using the Benton Utilities Manhole Inspection Form. Completed manhole inspection forms are placed in labeled three ring binders for each basin. A copy of the Manhole Inspection Form is included in Appendix 4.

4.2.1 Benton Utilities Manhole Field Inspection Form

The standard Manhole Inspection Form is completed for manholes where a conditional assessment is performed. During an inspection of manhole components, a non-entry (topside) manhole inspection is conducted to determine the overall condition of the manhole as viewed from the ground surface. The location of the manhole is identified by the Main or Lateral Number, Manhole Number, Street or Intersection, and corresponding Basin and Grid Number. The physical characteristics of each manhole are recorded including the surface surrounding the manhole, rim elevation compared to the surface, and manhole interior material. The structural integrity of the manhole is inspected on a scale of G - Good, F - Fair, P - Poor, and N - None. The presence of roots and any other debris or sediment is also recorded as well.

The surrounding area is observed and noted if manholes are located in areas that are conductive to flooding or ponding that allow water to enter the sanitary sewer system. Defects including evidence of infiltration seepage, overflow, and stoppage is recorded on the form. Other information recorded in the manhole inspection include flow characteristics and clarity of the water.

The following documentation is collected at each manhole:

Manhole Photographs

- The above ground location of the manhole.
- The interior of the manhole looking down at the manhole invert and looking into the incoming and outgoing pipelines.
- Potential issues and points of interest for documentation purposes.
- Significant defects observed during the manhole inspection.

Manhole Field Sketches

 A connectivity field sketch of the manhole is created, using the schematic diagram on the Manhole Inspection Form, showing information regarding connecting pipes (e.g., pipe size, pipe depth to invert, pipe material, and pipe location relative to true north).

Personnel performing the manhole inspection prioritize the need for repair as; None Needed, 1st Priority, 2nd Priority, or Regular Maintenance. Based on the overall condition of the manhole, personnel describe the recommend repair. Lastly the inspector records his/her initials and the date of the inspection at the bottom of the form.

4.3 CCTV Inspections

Closed Circuit Television (CCTV) inspection is performed to confirm the location and magnitude of structural defects, points of inflow and infiltration, undocumented / illegal connections, and blockages within the gravity sewer system. Examples include leaks, cracks, and broken pipe. Currently, segments of the main lines of Basins 2 through 10 have been video inspected. Benton Utilities started with these basins first because they have a known history of reoccurring maintenance issues. These basins did not smoke test very well, meaning locations of structural defects were not discovered during smoke testing. This is believed to have been caused by existing soil conditions and a large number of the gravity main under some type of pavement. The soil in those basins is mostly clay. Clayey soil conditions along with existing pavement above the line prevents the smoke from traveling to the surface. These conditions make it hard to identify structural defects that allow points of I & I in the gravity sewer system.

4.3.1 Benton Utilities Cleaning and Video Field Inspection Form

Main lines inspected by CCTV are recorded on the Benton Utilities SS Gravity Main Repair Record for each basin under the "Cleaning and Video Inspection" section of the form. The locations of the sewer mains inspected are identified by Street Address or Location Description, Grid Number, and Downstream and Upstream Manhole Number. Physical characteristics of each line are recorded including the following: Pipe Depth (ft.), Pipe Size (in.), and Pipe Material. Personnel also include the date that the main was inspected. A Repair Requirement is then suggested based on the summarized reports of the Smoke Test Field Inspection Forms and the results of the CCTV. Refer to Section 5.2 Benton Utilities Sanitary Sewer Gravity Main Repair Record for more information concerning the mains inspected by CCTV.

5.0 Rehabilitation Plan

The Benton Utilities Rehabilitation Plan addresses the deficiencies in the sanitary sewer collection system by means of rehabilitation, repair, or replacement. The gathered information from manhole inspections, smoke testing, and CCTV for the Benton Utilities Gravity Sanitary Sewer System is summarized on repair records. The repair records summarize the various types of deficiencies in the sewer system. A method of rehabilitation, repair, or replacement is determined by analyzing the repair records. Required repairs based on the results of the individual inspection forms are separated into the following components of the gravity sewer system; manhole, gravity main, and service line. The repair records listed below for Basins 1-11 summarize the location of the defects, identify the need for repair, suggest the recommended method of repair, and track the completed improvements for Sanitary Sewer Manholes, Gravity Mains, and Sewer Service Lines.

- BENTON UTILITIES SANITARY SEWER MANHOLE REPAIR RECORD
- BENTON UTILITIES SS GRAVITY MAIN REPAIR RECORD
- BENTON UTILITIES SERVICE LINE REPAIR RECORD

Each manhole, smoke testing, and CCTV field inspection form has been summarized by basin number in the repair records to consolidate the enormous amount of information gathered from the field reports. The repair records quantify and track the repairs required to correct the deficiencies in the gravity sewer system.

5.1 Benton Utilities Sanitary Sewer Manhole Repair Record

All the information from each manhole field inspection form is recorded in the Benton Utilities Sanitary Sewer Manhole Repair Record (included in Appendix 5). The manhole repair records are separated for each basin. The date each manhole was inspected is recorded. The location of each manhole is identified by Street Address or Location Description, Grid Number, and Manhole Number. The physical characteristics visually inspected are summarized including; manhole Depth (ft.), Accessibility, and Surface Above Manhole. The surface surrounding the manhole has the following subheadings; Concrete Pavement, Asphalt Pavement, Sidewalk Pavement, Gravel, Grass, and Wood.

The Need for Repair Section, as documented on the field inspection report, is divided into subheadings; None, 1st, 2nd, Low, No Access. The number one (1) is placed in the appropriate priority column. Each priority subheading is summed in the Benton Utilities SS Manhole Repair Record Summary to assess the number of manhole repairs for each basin. Those totals will identify which basins to begin manhole repairs.

The Repair Requirement Section is divided into columns with the following subheadings; Replace Manhole, Bench & Trough or Repair Around Pipe, Remove Roots, Replace Cover, Raise Rim, Seal Rim or Extension, and Cementitious Lining. The number one (1) is placed in the column of the suggested repair as shown on the Manhole Field Inspection Form. Each repair requirement is summed in the Benton Utilities SS Manhole Repair Record Summary to prioritize the type of manhole repairs and provide a quantity of those repairs in order to provide a cost estimate.

Once repairs are completed, the date of the repair is recorded and the method of repair is indicated on the form. The method of repair includes the following columns; Manhole Replaced, Bench and Trough Repaired or Hole Sealed at Pipe, Roots Removed, Cover Replaced, Rim Raised, Extension or Rim Sealed, Lining Completed. The number one (1) is entered into the appropriate columns for the type of repair. Benton Utilities can track the completed repairs and schedule new improvements for each basin.

The total number of manholes indicated as Unable to Access is most likely over estimated. The number total number of manholes for each basin is based off of old maps and unverified information. Some manholes listed may not actually exist. Appendix 6 shows a summary for each basin of the remaining 461 manholes to be inspected. A total of 119 manholes were located, however, they are inaccessible for the following reasons; Need to Camera, Debris or Deep, M.H. with Bolts, and Asphalt Over – Jackhammer. Five (5) manholes were verified that do not exist. 461 manholes are currently unaccounted for. It is estimated that approximately 50% of those unaccounted manholes do not exist in the system.

All of the information gathered from the Benton Utilities SS Manhole Repair Records for each basin is summarized in the Benton Utilities SS Manhole Repair Record Summary Spreadsheet, which is included at the front of Appendix 5. The summary spreadsheet allows managers to prioritize and schedule manhole repairs, prepare cost estimates for budgeting purposes, and determine how much progress has been made on completion of required repairs.

5.2 Benton Utilities Sanitary Sewer Gravity Main Repair Record

The information collected from each Smoke Test Field Inspection Form and actual CCTV results are summarized on the Benton Utilities Sanitary Sewer Gravity Main Repair Record (included in Appendix 7). The gravity main repair records are separated for each basin. The date each main was smoke tested and videoed is recorded. The location of each main is

identified by Street Address or Location Description, Grid Number, and Manhole to Manhole Number. The Surface Type above the main is indicated by the following subheadings; Storm Drain, Asphalt Pavement, Sidewalk Pavement, or Grass.

Main lines that have reoccurring maintenance issues or failed smoke testing are followed-up with a cleaning and video inspection. The results from CCTV results are recorded under the Cleaning and Video Inspection section. That section is divided into the following subheadings; Date, From Manhole, To Manhole, Pipe Depth (ft), Pipe Size (in) and Pipe Type.

Benton Utilities Personnel or the consulting engineer review the CCTV results to inspect the condition of the line to identify the pipe defects and determine the repair requirements. Inspection results and decisions concerning the proper repair method are recorded under the Pipe Defect/Repair Requirements Section. The pipe defects are divided into the following subheadings; Date Determined, Line Sag/Grease, Separation Joints/Roots, Objects Through Main. The number one (1) is entered into the appropriate columns that best describe the pipe defects. The recommended repair requirements are divided into the following subheadings; Replace Pipe Size (in), Length, Point Repair, and Pipe Burst Length (ft). The recommended pipe diameter (in) is entered into the Replace Pipe Size column. The number one (1) is entered into the Point Repair column. The recommended length of pipe to pipe burst is entered to replace defective pipe. If questions arise on a given repair, the original inspection forms and CCTV videos are reviewed again. Managers or the consulting engineer use data recorded under the Repair Requirements Section to estimate repair costs for budgeting funds and develop a schedule to complete repairs.

As repairs are completed, information is added to the Repair Completed Section that is divided into the following subheadings; Date, Line/Sag, Grease, Separation Joints/Roots, Objects Through Main, Replace Pipe Size, Point Repair, and Pipe Burst Length (ft). The number one (1) is entered into the Line Sag/Grease, Separation Joints/Roots, Objects Through Main, and Point Repair to indicate that the problem has been corrected and that the main is functioning properly. The actual diameter (in) of the pipe size installed, by pipe bursting, to replace the existing is entered into the Replace Pipe Size column. The field measured pipe burst length installed to correct the defective section of existing sewer main is entered into Pipe Burst Length (ft).

All of the information gathered from the Benton Utilities SS Gravity Main Repair Records for each basin is summarized in the Benton Utilities SS Gravity Main Repair Record Summary Spreadsheet that is included in the front of the Appendix 7. The summary spreadsheet allows managers to prioritize and schedule gravity main repairs, prepare cost estimates for budgeting purposes, and determine how much progress has been made on the completion of required repairs. All gravity mains for each basin have been smoke tested, but not all observed problem areas have been videoed. Benton Utilities has completed gravity main repair summary spreadsheets for Basins 2 through 10. They are continuing to update the spreadsheets for the remaining two basins.

5.3 Benton Utilities Service Line Repair Record

The information collected from each Smoke Test Field Inspection Form and visual observations for defective sanitary sewer service lines are summarized on the Benton Utilities Service Line Repair Record. The service line repair records are separated for each basin and are included in Appendix 8. The date the faulty service line was smoke tested is recorded. The location of each faulty service line is identified by Street Address or Location Description, and Grid Number.

The type of leak revealed during the smoke testing is identified as either a clean out or service line leak. The number one (1) is placed in one of the two columns. The date the Owner was notified of a repair to the service line is recorded. The form also has another column for the date the repair was inspected and was found to still be unacceptable. The final date recorded is the one where the repair has been completed. The number one (1) is then placed in the appropriate column where either the clean out or the service line is repaired.

Each type of leak or repair for each basin is totaled at the bottom line of the form. A summary sheet, included in Appendix 8, totals all the leaks and repairs and tracks when each leak is repaired.

The entire collection system has been smoke tested. A total of 399 cleanout leaks and 204 service line leaks were identified by smoke testing and visual observations. Repair of damaged cleanout openings and repair of service lines is the responsibility of the property owners. Certified notices were mailed to owners informing them of their responsibilities and allowed them 3 weeks to make the repairs.

6.0 Find and Fix

The Find and Fix concept provides a process by which critical system repairs are made in a more timely and cost-effective manner. Find and Fix methodology employs the concept that when critical failures or deficiencies warranting prompt repairs were found during condition assessment activities, actions were taken to correct the problems either by Benton Utilities personnel or on-call contractors. It was the responsibility of Benton Utilities' Managers to determine if a defect met the prompt repair criteria.

Prompt repairs of sanitary sewer infrastructure were warranted when critical defects were found. The components containing these critical defects, in most cases, were operable at the time of discovery but could have been at material risk of failure and had the potential for severe consequences. Defects found during the SSES investigation approach that warranted prompt repairs met one or more of the following criteria:

- Posed an immediate threat to the environment
- Posed an imminent threat to public safety
- Created problems that may have resulted in SSOs, or
- Contributed substantial inflow to the system

Types of repairs considered for Find and Fix concept include:

- Manhole lining
- Manhole reconstruction
- Point repairs
- Pipe bursting
- Service line repairs

Once a critical defect was identified, it was reported to Benton Utilities Wastewater Collections Manger, who then scheduled the repair. The manager either directed field crews to make a point repair or temporary fix, or notified the on-call contractor to complete the repair.

6.1 Service Line Repairs

Smoke testing revealed many missing or broken cleanout caps on sanitary sewer services. Benton Utilities used the Find and Fix approach to repair many of the cleanout leaks on the date of the smoke testing by replacing the missing or broken cleanout caps. Replacing the cleanout caps was more cost effective than paying postage on a certified letter to a homeowner and then sending city personnel to check to see if the cap had been replaced. To date, all 399 cleanout leaks have been repaired.

6.2 Pipe Bursting

Pipe bursting is a trenchless method of replacing sewer line without the need of a traditional construction trench. Pipe bursting is also used to expand the sewer line carrying capacity by replacing smaller mains with larger ones or "upsizing." Benton Utilities currently maintains a pipe bursting contract with an on-call contractor. The contract also includes a number of point repair and sag remediation work items. The budget for pipe bursting is approximately \$200,000 per year. The following table summarizes pipe bursting in the sanitary sewer collection system since 2005.

Table 2

Benton V	Benton Wastewater Collections Pipe Bursting Summary					
Year	Linear Feet of Pipe Burst	Estimated Total				
2005	5,137	\$251,555.71				
2006	7,939	\$498,547.66				
2007*	0	\$0.00				
2008	2,028	\$164,177.00				
2009	3,164	\$215,360.00				
2010	2,147	\$363,032.00				
2011	2,418	\$165,174.00				
2012	3,041	\$194,883.00				
2013	1,001	\$67,833.00				
Total	26,875	\$1,920,562.37				
* No Work Performed						

7.0 Recommended Rehabilitation Plan

The recommended rehabilitation plan consists of work to be performed to the gravity collection system. The plan includes inflow repairs, infiltration repairs, sewer line replacement/rehabilitation, and routine maintenance repairs. The costs to perform the recommended plan is given in capital cost which includes construction cost and a 30 percent additional cost which includes administrative cost, legal fees, engineering fees (if required), and contingencies.

The repair records quantify each type of repair for the different components of the gravity sewer system. The estimated costs are developed from the data collected in the repair records. Cost estimates are separated by basin in order to prioritize those improvements. The repairs identified through the SSES investigation that have already been completed are not reflected in the cost estimate. Those repairs are identified on the summary sheets as being complete.

7.1 Recommended Infiltration Removal

The recommended infiltration removal plan includes 3,634 identified repairs to manholes within the gravity sewer system. The estimated capital cost would be approximately \$1.78 million. Infiltration sources from manholes are corrected by the following repairs:

- Replace Manhole
- Replace Bench & Trough or Repair Around Pipe
- Remove Roots
- Replace Cover
- Raise Rim
- Seal Rim or Extension
- Cementitious Lining

A summary of the recommended plan for infiltration removal for each basin is given in Table 3.

Table 2

			Table	: 3		
SUMMAI	RY OF RE	COMMENI	DED PLA	AN FOR INFILTRATION REMO	VAL	
	Quantity of	Estimated Capital Cost			Quantity of	Estimated Capital Cost
Repair Description	Repairs	(\$)		Repair Description	Repairs	(\$)
Basin 1		,		Basin 3	-	
Replace Manhole	-	\$0		Replace Manhole	-	\$0
Bench & Trough or Around Pipe	3	\$3,600	i	Bench & Trough or Around Pipe	40	\$48,000
Remove Roots	2	\$1,600	,	Remove Roots	21	\$16,800
Replace Cover	-	\$0		Replace Cover	11	\$3,630
Raise Rim	4	\$4,400		Raise Rim	108	\$118,800
Seal Rim or Extension	14	\$3,990		Seal Rim or Extension	16	\$4,560
Cementitious Lining	15	\$3,000		Cementitious Lining	210	\$42,000
Subtotal	38	\$16,590		Subtotal	406	\$233,790
			į	i		
Basin 2				<u>Basin 4</u>		
Replace Manhole	-	\$0		Replace Manhole	-	\$0
Bench & Trough or Around Pipe	10	\$12,000		Bench & Trough or Around Pipe	3	\$3,600
Remove Roots	. 4	\$3,200		Remove Roots	1	\$800
Replace Cover	6	\$1,980		Replace Cover	1	\$330
Raise Rim	112	\$123,200		Raise Rim	16	\$17,600
Seal Rim or Extension	6	\$1,710	i	Seal Rim or Extension	2	\$570
Cementitious Lining	44	\$8,800	İ	Cementitious Lining	100	\$20,000
Subtotal	182	\$150,890		Subtotal	123	\$42,900

			Table 3 (Cont'd)		
Basin 5			Basin 9		
Replace Manhole	-	\$0	Replace Manhole	-	\$0
Bench & Trough or Around Pipe	51	\$61,200	Bench & Trough or Around Pipe	15	\$18,000
Remove Roots	18	\$14,400	Remove Roots	4	\$3,200
Replace Cover	18	\$5,940	Replace Cover	1	\$330
Raise Rim	46	\$50,600	Raise Rim	5	\$5,500
Seal Rim or Extension	2	\$570	Seal Rim or Extension	18	\$5,130
Cementitious Lining	425	\$85,000	Cementitious Lining	32	\$6,400
Subtotal	560	\$217,710	Subtotal	75	\$38,560
		•			
Basin 6			Basin 10		
Replace Manhole	-	\$0	Replace Manhole	1	\$4,500
Bench & Trough or Around Pipe	26	\$31,200	Bench & Trough or Around Pipe	256	\$307,200
Remove Roots	5	\$4,000	Remove Roots	48	\$38,400
Replace Cover	3	\$990	Replace Cover	33	\$10,890
Raise Rim	24	\$26,400	Raise Rim	74	\$81,400
Seal Rim or Extension	27	\$7,695	Seal Rim or Extension	140	\$39,900
Cementitious Lining	125	\$25,000	Cementitious Lining	1,127	\$225,400
Subtotal	210	\$95,285	Subtotal	1,679	\$707,690
			1		
Basin 7			<u>Basin 11</u>		
Replace Manhole	-	\$0	Replace Manhole	1	\$4,500
Bench & Trough or Around Pipe	2	\$2,400	Bench & Trough or Around Pipe	32	\$38,400
Remove Roots	4	\$3,200	Remove Roots	5	\$4,000
Replace Cover	1	\$330	Replace Cover	2	\$660
Raise Rim	35	\$38,500	Raise Rim	47	\$51,700
Seal Rim or Extension	8	\$2,280	Seal Rim or Extension	71	\$20,235
Cementitious Lining	15	\$3,000	Cementitious Lining	33	\$6,600
Subtotal	65	\$49,710	Subtotal	191	\$126,095
:					
			1		
Basin 8					A4 700 005
Replace Manhole	-	\$0	Total Manhole Rehabilitation Cost		\$1,782,395
Bench & Trough or Around Pipe	10	\$12,000			
Remove Roots	5	\$4,000			
Replace Cover	4	\$1,320			
Raise Rim	76	\$83,600			
Seal Rim or Extension	3	\$855	!		
Cementitious:Lining	7	\$1,400	-		
Subtotal	105	\$103,175			

7.2 Recommended Inflow Removal

The recommended plan for inflow removal includes those sources that are cost effective to repair. Repairs to sources of inflow are identified in Basins 1 through 11 with an estimated capital cost of \$2.02 million. Sewer line replacement is recommended for approximately 1,400 LF, pipe bursting for approximately 20,000 LF, and point repairs at 81 locations.

Repairs for inflow removal are broken into the following three categories:

- Point Repair
- Line Replacement
- Pipe bursting

Point Repair includes the following repair requirements: Separation Joints/Roots and Object Through Main. Line Replacement includes the following repair requirements: Line Sag/Grease and in some cases Replace Pipe Size. Line replacement is the installation of new sewer pipe by means of excavating a construction trench. Depending on the length of the line sag, the line may be considered a point repair. The line may need to be replaced for grease depending on the pipe material. For example, grease tends to back up more frequently in concrete pipe due to the roughness; therefore, the line would be replaced with PVC that has a smooth wall.

A summary of the recommended plan for inflow removal for Basins 1 through 11 is given in Table 4.

Table 4						
SUMMARY OF RECOMMENDED PLAN FOR INFLOW REMOVAL						
	Quantity of	Estimated Capital Cost	!		Quantity of	Estimated Capital Cost
Repair Description	Repairs	(\$)	,	Repair Description	Repairs	(\$)
Basin 1			,	Basin 4		
Point Repair	-	\$0		Point Repair	3	\$9,000
Line Replacement	-	\$0		Line Replacement		\$0
Pipe Bursting		\$0		Pipe Bursting	1,088	\$81,600
Subtotal	-	\$55,000	*	Subtotal	1,091	\$90,600
. Basin 2				<u>Basin 5</u>		•
Point Repair	2	\$6,000		Point Repair	19	\$57,000
Line Replacement	50	\$6,500		Line Replacement	700	\$91,000
Pipe Bursting	588	\$44,100	i	Pipe Bursting	4,367	\$327,525
Subtotal	640	\$56,600	-	Subtotal	5,086	\$475,525
Basin 3				<u>Basin 6</u>		
Point Repair	13	\$39,000		Point Repair	3	\$9,000
Line Replacement	100	\$13,000		Line Replacement	150	\$19,500
Pipe Bursting	1,601	\$120,075	_	Pipe Bursting	661	\$49,575
Subtotal	1,714	\$172,075	_	Subtotal	814	\$78,075

		Tab	le 4 (Cont'd)		
Basin 7			<u>Basin 10</u>		
Point Repair	6	\$18,000	Point Repair	28	\$84,000
Line Replacement	-	\$0	Line Replacement	400	\$52,000
Pipe Bursting	1,261	\$94,575	Pipe Bursting	8,429	\$632,175
Subtotal	1,267	\$112,575	Subtotal	8,857	\$768,175
Ì					
Basin 8			<u>Basin 11</u>		
Point Repair	5	\$15,000	Point Repair	-	\$0
Line Replacement	-	\$0	Line Replacement	-	\$0
Pipe Bursting	979	\$73,425	Pipe Bursting	-	\$0
Subtotal	984	\$88,425	Subtotal	-	\$65,000
Basin 9			Total Main Line Rehabilitation Cost	-	\$2,022,050
Point Repair	2	\$6,000	Total Hum Line nemanitation cost		<i>42,022,030</i>
Line Replacement	_	\$0	•		
Pipe Bursting	720	\$54,000			
Subtotal	722	\$60,000			

^{*}Projected Cost

7.3 Summary of Recommended Plan

The SSES identified Basin 10 and 5 as the highest priority basins to begin the manhole and main line rehabilitation program. Benton Utilities has already begun scheduling and completing repairs in those basins. Table 5 shows the priority of each basin based on the greatest number of improvements and capital cost to complete those improvements.

Table 5

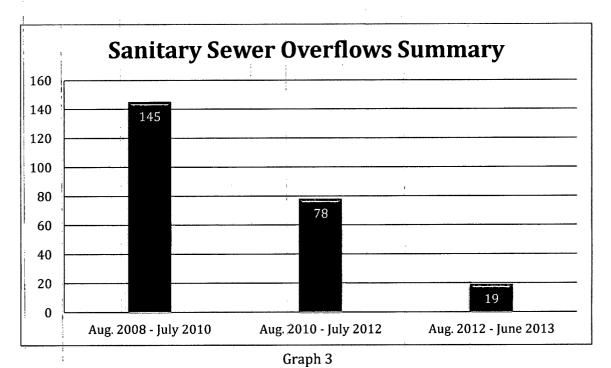
Priority No.	Basin No.	Infiltration Removal Capital Cost	Inflow Removal Capital Cost
1	10	\$707,690	\$768,175
2	5	\$217,710	\$475,525
3	3	\$233,790	\$172,075
4	2	\$150,890	\$56,600
5	11	\$126,095	\$65,000 *
6	8	\$103,175	\$88,425
7	6	\$95,285	\$78,075
8	7	\$49,710	\$112,575
. 9	4	\$42,900	\$90,600
10	9	\$38,560	\$60,000
11	1	\$16,590	\$55,000 *
Tot	als	\$1,782,395	\$2,022,050

^{*}Projected Cost

The short term goals are for Benton Utilities Personnel to continue the manhole rehabilitation program and pipe bursting contract. As identified in the CMOM, the city owns the cementitious lining application equipment. They have the capability to cementitious line approximately 50 - 75 manholes per month during the months of March to October. It anticipated that Benton Utilities will complete, with their own forces, all 336 manhole rehabilitations by method of cementitious lining by October 2016. Also, as part of Benton Utilities' short term goals should be to keep the pipe bursting contract with the minimum budget that is currently in place of \$200,000 per year. The city would be able to pipe burst approximately 3,000 LF of sewer main per year. Long term goals include the possibility of passing a bond issue to take bids to complete a capital improvement sanitary sewer rehabilitation project. The rehabilitation project would make the final improvements that cannot be completed by the city or the on-call contractor.

8.0 Summary of Results

Since the beginning of the SSES investigation, Benton Utilities has been able to substantially reduce the number of SSOs recorded from August 2008 to June 2013. Graph 3 shows the decline of SSOs recorded from the sanitary sewer collection system. Benton Utilities recorded zero (0) SSOs for the months of May and June 2013. Significant reductions in I & I have been achieved through the "Find and Fix" approach employed during the SSES investigation and the many sanitary sewer rehabilitation and construction projects that have been completed over the past eight years. It is unrealistic to remove all I & I from the system, however, Benton Utilities can continue to follow the rehabilitation plan and schedule to improve and maintain the sanitary sewer collection system to prevent SSOs.



Appendix 1 Overflow Response Plan

Table of Contents

Title		Pages
Benton Publi	c Utility Sanitary Sewer Overflow Response PlanPlan	1-18
Appendix A	SSO Action Plan	19-20
Appendix B	Detecting Potential Explosive or Toxic Conditions	21-22
Appendix C	SSO Flow and Volume Determination	23
Appendix D	Signage for Overflows	24

Benton Public Utility SANITARY SEWER OVERFLOW RESPONSE PLAN

I. AUTHORITY

A. National Pollutant Discharge Elimination System ("NPDES")
 NPDES Permit # AR0036498
 Issued by Arkansas Department of Environmental Quality ("ADEQ")

II. GENERAL

The Sanitary Sewer Overflow Response Plan ("SSORP") is designed to ensure that every report of a confirmed sewage overflow is immediately dispatched to the appropriate crew so that the effects of the overflow can be minimized with respect to impacts to public health, beneficial use, quality of surface waters, and customer service. The SSORP further includes provisions to ensure safety pursuant to the directions provided by the ADEQ and that notification and reporting is made to the appropriate local, state, and federal authorities. For purposes of this SSORP, "confirmed sewage spill" is also sometimes referred to as "sewer overflow," "overflow," or "SSO" sanitary sewer overflow.

A. Objectives

The primary objectives of the SSORP are to protect public health and the environment, satisfy regulatory agencies and waste discharge permit conditions, which addresses procedures for managing SSOs and minimize risk of enforcement actions action Benton Public Utility ("BPU").

Additional objectives of the SSORP are as follows:

- Provide appropriate customer service;
- Protect wastewater treatment plant and collection system personnel;
- Protect the collection system, wastewater treatment facilities, and all appurtenances; and
- Protect private and public property beyond the collection and treatment facilities.

B. Organization of Plan

The key elements of the SSORP are addressed individually as follows:

Section III Overflow Response Procedure
Section IV Public Advisory Procedure

Section V Regulatory Agency Notification Plan

Section VI Media Notification Procedure

Section VII Distribution and Maintenance of SSORP

III. OVERFLOW RESPONSE PROCEDURE

The Overflow Response Procedure presents a strategy for BPU to mobilize labor, materials, tools, an equipment to correct or repair any condition which may cause or contribute to an unpermitted discharge. The plan considers a wide range of potential system failures that could create an overflow to surface waters, land, or buildings.

A. Receipt of Information Regarding an SSO

A SSO may be detected by Utility employees or by others. The Dispatcher is primarily responsible for receiving phone calls from the public of possible SSOs along with other departments, dispatch, then forwards service requests to the Wastewater Collection Department.

Generally, Dispatchers receive telephone calls from the public reporting possible SSOs. The emergency phone line is staffed 24 hours per day, every day of the year.

- 1. The Dispatcher obtains all relevant information available regarding The possible overflow including:
 - a. Time and date call was received:
 - b. Specific location;
 - c. Description of problem;
 - d. Time and date overflow was observed;
 - e. Caller's name and phone number;
 - f. Observations of the caller (e.g., odor, duration, back or Front of property); and
 - g. Other relevant information that will enable the responding Emergency crews to quickly locate, assess and stop the SSO.

The Dispatcher then records/inputs the possible SSO information and creates a service request for assignment to the Responding crew.

- 2. Pump station failures are monitored and received by operators on duty at the Wastewater Treatment Plant. The operator on duty immediately conveys all information regarding alarms to the Superintendent or the on call crew to initiate the investigation. Investigating crew determines if failure resulted in an overflow and reports if SSO has occurred. A completed overflow form shall be sent, via e-mail or interoffice mail to the Collection System Manager for documentation.
- 3. SSOs detected by any personnel in the course of their normal duties are reported immediately to the Dispatcher who records all relevant SSO information and dispatches an Emergency crew and additional response crews, as needed.
- Maintenance emergency crew or response crew confirms the SSO. Until verified, the report of a possible spill will not be referred to as a "sewer overflow."

If an overflow has occurred, the crew leader completes the appropriate Overflow Report form. Overflow forms are completed on Red Forms if evidence

of human contact and/or environmental impact has occurred. All other incidents are recorded on a Black Form. Within 24 hours of the sewer investigator's confirmation, overflow report information is forwarded to the Collection System Manager, or designated back-up personnel. The Manager is responsible for complying with all ADEQ notification reporting requirements.

Benton Wastewater Utilities Sanitary Sewer Overflow Or Pump Station Failure Report...

Date	Location	
Time Reported	Date Reported	
Time Crew Arrived	Date Crew arrived	
Time Worked Completed	Date Worked Completed_	
Description of problem:	•	
Line BlockageLine Break	Manhole Overflow	PumpStation Failure
Other	•	
Explain What Blockage Material Was		
# of feet Rodded		
Explain What Caused Manhole Overflow:		
Explain What Caused Line Break:		·
Explain Pump Station Failure:		
Other: / Notes:		
		•
· 		
Explain Steps or Repair Action to Correct, Reduc	e, Eliminate, And or Prevent F	Recurrence:
	<u> </u>	
Where Did Overflow Go?Yard		Storm Drain
Other what type of stream / Water way	7	
Explain what steps were used for Environmental C	lean up:	·
	the same that th	
Employee's on Job		
Cost of Parts for job:		

TABLE III-1. SSO RESPONSE TRACKING PROTOCOL

- 1. Crew that locates overflow fills out overflow report (NOTE: Red Forms indicate Human contact and/or environmental impact was observed.)
- 2. Crew that locates overflow notifies Dispatch.
- 3. Crew cleans and sanitizes
- 4. Crew installs warning signs
- 5. Foreman and Manager verifies overflow report is correct
- 6. Crew takes photographs before cleanup
- 7. Foreman verifies cleanup is done correctly
- 8. Foreman removes warning signs
- 9. Foreman takes photographs after cleanup
- 10. Foreman verifies overflow reports and turned into Collection System Manager
- 11. Collection Manager reports SSO data to ADEQ and other departments as required By NPDES Permits

B. Dispatch of Appropriate Crews to Site of Sewer Overflow

Failure of any element within the wastewater collection system that threatens to cause or causes an SSO triggers an immediate response to isolate and correct the problem. Crews and equipment are available to respond to any SSO location 24-hours a day. Additional maintenance personnel are designated "on call" in the event extra crews are needed. Appendix A summarizes the SSO Action Plan.

1. Dispatching Crews

- Dispatchers receive notification of possible SSOs as Outlined in Section III.A "Receipt of Information Regarding an SSO" and dispatch an Emergency crew or the appropriate crews and resources as required.
- Dispatchers notify the appropriate Supervisor, or Foreman by phone or radio regarding SSOs and field crew locations.

2. Crew Instructions and Work Orders

- Dispatch responding crews by phone or radio. Dispatcher receives instructions from Responding crews or their supervisors regarding appropriate crews, materials, supplies, and equipment needed.
- Dispatchers verify that the entire message has been received and acknowledged by the crews who were dispatched.
 Follow all standard communications procedures. All employees being dispatched to the site of a SSO proceed immediately to the site of the overflow. Report any delays or conflicts in assignments immediately to the Supervisor for resolution.
- In all cases response crews report their findings, including
 possible damage to private and public property to Foreman
 immediately upon making their investigation. If Foreman has
 not received findings from the field crew within 1 hour, Foreman
 contacts the response crew to determine the status of the
 investigation.

3. Additional Resources

- Foreman receives and conveys to appropriate parties requests for additional personnel, material, supplies, and equipment from crews working at the site of a SSO.
- 4. Preliminary Assessment of Damage to Private and Public Property
 - The focus is to resolve the problem. The response crews use discretion in assisting the property owner/occupant as

reasonably as they can. Be aware that BPU could face increased liability for any further damages inflicted to private property during such assistance. In the event the SSO occurs inside a structure, the Wastewater Collection Manager shall be notified. The Wastewater Collection Manager shall personally access and document all damages as well as notify Supervisor of event. The response crew shall enter private property for purposes of assessing damage. Crew shall notify Foreman to take appropriate still photographs, if possible, of the area of the SSO and impacted area in order to thoroughly document the nature and extent of impact.

5. Field Supervision and Inspection

 The Foreman of the Responding Crew or who confirmed the SSO, visits the site of the SSO, if possible, takes photos and installs warning sign to ensure that provisions of the overflow response plan and other directives are met.

6. Coordination with Hazardous Material Response

- Upon arrival at the scene of a SSO, should a suspicious substance (e.g., oil sheen, foamy residue) be found on the ground surface, or should a suspicious order (e.g., gasoline) not common to the sewer system be detected, the responding crew should secure the immediate area; then, contact Dispatcher or the Benton Fire Department.
 Remember that any vehicle engine, portable pump or open flame (e.g., cigarette lighter) can provide the ignition for an explosion or fire should flammable fluids or vapors be present. Keep a safe distance and observe caution until assistance arrives.
- Only when the Benton Fire Department determines is safe and appropriate for personnel to resume activities can they then proceed under the SSORP with the containment, clean-up activities and correction.

C. Overflow Correction, Containment, and Clean-Up

SSOs of various volumes occur from time to time in spite of concerted prevention efforts. Spills may result from blocked sewer lines, pipe failures, or mechanical malfunctions among other natural or man-made causes. BPU is constantly on alert and ready to respond upon notification and confirmation of an overflow.

The objectives of these actions are:

- To protect public health, environment and property from sewage overflows and restore surrounding area back to normal as soon as possible;
- To promptly notify the regulatory agency's communication center of Preliminary overflow information and potential impacts;
- To contain the SSO to the maximum extent possible including preventing the discharge of sewage into surface waters; and
- To minimize the BPU exposure to any regulatory agency penalties and fines.

Under most circumstances, BPU handles all response actions with its own maintenance forces. They have the skills and experience to respond rapidly and in the most appropriate manner. An important issue with respect to an emergency response is to ensure that the temporary actions necessary to divert flows and repair the problem do not produce a problem elsewhere in the system. For example, repair of a force main could require the temporary shutdown of the pump station and diversion of the flow at an upstream location. If the closure is not handled properly, sewage system backups may create other overflows.

Circumstances may arise when the BPU could benefit from the support of private-sector construction assistance. This may be true in the case of large diameter pipes buried to depths requiring sheet piling and dewatering should excavation be required. BPU may also choose to use private contractors for open excavation operations that might exceed one day to complete.

1. Responsibilities of Response Crew Upon Arrival

It is the responsibility of the first personnel who arrive at the site of a SSO to protect the health and safety of the public by mitigating the impact of the SSO to the extent possible. Should the SSO not be the responsibility of BPU, BPU shall notify Benton Code Enforcement of the incident.

Upon arrival at an SSO, the response crew:

- Determines the cause of the overflow, e.g. sewer line blockage, pump station mechanical or electrical failure, sewer line break, etc.;
- Identifies and requests, if necessary, assistance or additional resources to correct the overflow or to assist in the determination of its cause;
- Takes immediate steps to stop the overflow, e.g. relieves pipeline blockage, manually operates pump station controls, repairs pipe, etc. Extraordinary steps may be considered where overflows from private property threaten public health and safety (e.g., an overflow running off of private property into the public right-of-way); and
- Requests additional personnel, materials, supplies, or equipment that will expedite and minimize the impact of the SSO

2. Initial Measures for Containment

Initiate measures to contain and/or recover the overflowing sewage in order to minimize the impact to public health or the environment.

- Determine the immediate destination of the SSO, e.g. storm drain, street curb gutter, body of water, creek bed, etc.;
- Identify and request the necessary materials and equipment to contain or isolate the overflow, if not readily available; and
- Take immediate steps to contain the overflow, e.g., block or bag storm drains, recover through vacuum truck, divert into downstream manhole, etc. if conditions allow us determined by BPU Wastewater Department.
- Additional Measures Under Potentially Prolonged Overflow Conditions

In the event of a prolonged sewer line blockage or a sewer line collapse, set up a portable bypass pumping operation around the obstruction.

 Take appropriate measures to determine the proper size and Number of pumps required to effectively handle the sewage flow.

- Implement continuous or periodic monitoring of the bypass pumping operation as required.
- Address regulatory agency issues in conjunction with emergency repairs.

4. Cleanup

SSO sites are to be thoroughly cleaned after an overflow. No readily identified residue (e.g., sewage solids, papers, rags, plastics, rubber products) is to remain.

- Where practical, thoroughly flush the area and clean of any sewage or wash-down water. Solids and debris are to be flushed, swept, raked, picked-up, and transported for proper disposal.
- Secure the overflow to prevent contact by members of the public until the site has been thoroughly cleaned. If posting is required, refer to Section IV.
- Where appropriate, disinfect and deodorize the overflow site.
- Where sewage has resulted in ponding, pump the pond dry and dispose of the residue in accordance with applicable regulations and policies.
- If a ponded area contains sewage which cannot be pumped dry, it may be treated with bleach. If sewage has discharged into a body of water that may contain fish or other aquatic life do not use bleach or other appropriate disinfectant and contact the Arkansas Game & Fish Commission for specific instruction.
- Use of portable aerators may be required where complete recovery of sewage is not practical and where severe oxygen depletion in existing surface water is expected.

D. Overflow Report

Emergency crew or response crew completes an Overflow Report Form. Emergency crew or response crew promptly notifies Dispatcher when the SSO is eliminated. Information regarding the SSO includes the following:

- Indication that the SSO reached surface waters, i.e., all SSO where sewage was observed running to surface waters, or there was obvious indication (e.g. sewage residue) that sewage flowed to surface waters.
- Indication that the SSO reached and discharged without containment into a storm drain, ditch, drip inlet, or catch basin.
- Indication that the SSO has not reached surface waters. Guidance in characterizing these overflows to include:
 - a. SSO to covered storm drains (with no public access) where personnel verify, by inspection, that the entire volume is contained in a sump or impoundment and where complete clean up occurs leaving no residue.
 - Preplanned or emergency maintenance jobs involving bypass pumping if access by the public to a bypass channel is restricted and subsequent complete clean up occurs leaving no residue. Any preplanned bypass under these circumstances will not be considered any overflow; and
 - c. SSOs where observation or on-site evidence clearly indicates all sewage was retained on land and did not reach a surface water and where complete cleanup occurs leaving no residue.
- Determine the start time of the SSO by one of the following methods:
 - a. Date and time information received and/or reported to have begun and later substantiated by the Emergency crew or response crew:
 - b. Visual observation; or
 - Pump station and lift station flow charts and other recorded data.
- Determine of the stop time of the SSO by one of the following methods:
 - a. When the blockage is cleared or flow is controlled or contained; or
 - b. The arrival time of the Emergency crew or response crew, if the SSO stopped between the time it was reported and the time of arrival.
- Visual observations

An estimation of the rate of SSO in gallons per minute (GPM) by one of the following criteria

- a. Direct observation of the overflow. See Appendix C for guidance on estimating sewer overflow rates.
- b. Measurement of actual overflow from the sewer main.
- Determination of the volume of the SSO:
 - a. When the rate of overflow is known, multiply the duration of the overflow by the overflow rate; or
 - b. When the rate of overflow is not known, investigate the surrounding area for evidence of ponding or other indications of overflow volume.
- Photographs of the event, before and after cleanup, when possible.
- Assessment of any damage to the exterior areas of public/private property.
 Personnel shall enter private property for purposes of estimating damage to structures, floor and wall coverings, and personal property.

IV. PUBLIC ADVISORY PROCEDURE

This section describes the actions BPU takes, in cooperation with ADEQ and the Arkansas Department of Health to limit public access to areas potentially impacted by unpermitted discharges of pollutants to surface water bodies from the wastewater collection system. Temporary and permanent public notice will be provided as indicated below. A sample of both notices is provided in Appendix D.

A. Temporary Public Notice

BPU has primary responsibility for determining when to post notices of polluted surface water bodies or ground surfaces that result from uncontrolled wastewater discharges from its facilities. The postings do not necessarily prohibit use of recreational areas, unless posted otherwise, but provide a warning of potential public health risks due to sewage contamination.

Table IV-1 outlines the decision process to recommend to the Manager that posting of a confirmed SSO be undertaken or that there is reasonable potential for an SSO to occur thus the need to post in advance. If posting is deemed necessary and the ADEQ shall be notified.

B. Permanent Public Notice

BPU shall place a permanent notice at manholes located on City owned property that may experience SSO's more than once in any twelve-month period. A list of applicable manholes has been provided in Appendix A, Table A-1.



Category	Step	Event
Reported	1	Wastewater Collection Manager or Response Crew confirms SSO
Overflow		that is not posted has resulted in ponded wastewater (ground
·		surface or ditch ponding), or direct discharge to body-contact recreational waters.
·	2	Wastewater Collection Manager notifies General Manager and
		provides relevant SSO information.
		a) SSO Location
		b) Remedial action being taken
	3	Wastewater Collection Manager and General Manager
		determines the need and extend of posting.
	4	Warning sign(s) is/are posted by Wastewater Collection Manage
Potential	1	Reasonable potential for SSO that will result in ponded waste-
Overflow		water (ground surface or ditch ponding), or direct discharge to body-contact recreational waters.
ē.	2	Wastewater Collection Manager identifying potential SSO
! : :		consults with General Manager for final decision on posting.
	3	General Manager directs Wastewater Collection Manager to pos
		warning signs and notifies Communication Specialist of intent to post and location.

C. Other Public Notification

If the Manager determines additional public notification is needed, the Administration will make said notifications under the Manager's direction.

V. REGULATORY AGENCY NOTIFICATION PLAN

The Regulatory Agency Notification Plan establishes procedures that BPU follows to provide formal notice to the ADEQ as necessary in the event of SSOs. The reporting criteria below explains to whom various forms of notification should be made, and lists agencies/individuals to be contacted.

Agency notifications will be performed in parallel with other internal notifications. The procedures for providing notification to the media of an SSO is presented in Section VI — Media Notification Procedure. Internal notification and mobilization of personnel are detailed in Section III — Overflow Response Procedure.

A. Immediate Notification

The Wastewater Collection Manager notifies and reports the SSO to ADEQ in compliance with BPU Wastewater Plant NPDES Permit. For convenience, the applicable NPDES Permit reporting requirements are reprinted below:

"The permittee shall report all overflows with the Discharge Monitoring Report (DMR) submittal. These reports shall be summarized and reported in tabular format. The summaries shall include: The date, time, duration, location, estimated volume, and cause of overflow; observed environmental impacts from the overflow; action taken to address the overflow; and ultimate discharge location if not contained (e.g. storm sewer system, ditch, tributary). Overflows, which endanger health or the environment, shall be orally reported to this department (Enforcement Section of Water Division) within 24 hours from the time the permittee becomes aware of the circumstance. A written report of overflows which endanger health or the environment, shall be provided within 5 days of the time the permittee becomes aware of the circumstance."

The Operations Secretary is responsible for meeting the 24-hour oral or fax notification requirement. The name, mailing address, e-mail address, telephone and fax number for the primary ADEQ contact is provided below:

-Ms. Lorraine-Stewart-

Arkansas Department of Environmental Quality

P. O. Box 8913

Little Rock, Arkansas 72219-8913

Telephone: 501.682,0633" 0038 (0744) alt

Facsimile: 501.682.0910 0880

WATER DIVISION ENFORMEDE BON 5301 Northshore Dr NLR, AR 72118-5317 WWW. Adea. State. AR. US,

B. Secondary Notifications

After those parties identified in <u>Section A. Immediate Notification</u> have been contacted, the General Manager will notify other federal, state, and local agencies, as well as other interested and possibly impacted parties as directed by the Manager.

VI. MEDIA NOTIFICATION PROCEDURE

When a SSO has been confirmed and is a threat to public health, take the following actions, if necessary to notify the media:

- A. Sewer investigator or response crew verifies overflow and reports back to the Dispatcher.
- B. The Dispatcher informs the General Manager. The primary contact should be the General Manager. Table VI-1 provides contact names and numbers for the General Manager.
- C. After hours and weekend SSOs should also be reported to the General Manager at the numbers listed in Table VI-1.
- D. All media requests received should be referred to the General Manager office.
- E. The following personnel are authorized to be interviewed by the media and are the designated spokesperson:

Terry McKinney, General Manager

Table VI-1

Benton Public Utility Media Contact

Contact	Contact Name	Office	Mobile
Primary	Terry McKinney	501.776.5984	501.317.1223

VII. DISTRIBUTION AND MAINTENANCE OF SSORP

Annual updates to the SSORP reflect all changes in policies and procedures as may be required to achieve its objectives.

A. Submittal and Availability of SSORP

Distribute copies of the SSORP and any amendments to the following departments and functional positions:

<u>Departments</u> Administration **Functional positions**

Authmistration

General Manager

Engineering

Director

Familiarize all other personnel who may become incidentally involved in responding to overflows with the SSORP.

B. Review and Update of SSORP

Review the SSORP annually and amend as appropriate. BPU should:

- Update the SSORP with the issuance of a revised or new NPDES permit or state waste discharge permit:
- Conduct annual training sessions with appropriate personnel; and
- Review and update, as needed, the various contact person lists included in the SSORP.

C. Practical Resources

There will be small laminated pocket guides printed and furnished to all employees that are involved with the SSO Response Plan, which will provide an overview of the procedures as well as essential phone numbers. There will also be a quick reference for estimating sewer overflow volumes.

D. Training

Each division will be responsible for training their own personnel. The training should consist of any employee involved in or possible involvement in the SSO process is furnished a copy of the SSO Response Plan and said plan gone over in depth with them. This training should take place annually or when revisions occur, so that all personnel are brought up to date of any changes that may occur. Each division should also review their response efforts at these annual-training sessions and take suggestions to revise procedures. These suggestions will then be submitted to all divisions for review to determine if revisions are required.

APPENDIX A. SSO ACTION PLAN

Dispatching Crews

Dispatchers receive notification of possible SSOs from two sources public and internal crews.

Notification during working hours

Dispatchers receive notification of a possible SSO from public at which time they collect all relevant information as outlined in Section III A, which at this point they dispatch one of our Maintenance Crews to the site to verify if an SSO has occurred. Crew will report findings back to Dispatcher.

Responding Crew determines if SSO has occurred and attempts to resolve problem, then contacts the Area Foreman within 1-hour of being notified by dispatcher. The area Foreman goes to site takes photographs before clean-up is started and places warning sign at site as well as adjacent homes if required. Foreman also verifies that emergency crew has filled out SSO report and required information is on form.

Crews at this point start cleanup and sanitize site, which when complete, crew is to contact Area Foreman. Area Foreman is to go back to site and verify cleanup is completed, take photographs and remove warning signs.

Notification after hours

Emergency crews receive notification of possible SSO from public at which time they collect all relevant information as outlined in Section III. A. and proceed to location. (Emergency crew mans emergency phone after hours)

Emergency crew determines if SSO has occurred and attempts to resolve problem then takes photographs before cleanup and places warning signs at site as well as adjacent homes if required. Crew is to fill out SSO report and turn in with their paper work at the beginning of the next workday.

Emergency crew then starts clean-up and sanitize site, which when completed crew is to take photographs and remove warning signs.

If the SSO occurred within a structure the Area Foreman is to verify cleanup has been completed and all policies followed. Site visit is to be performed the first work day after the overflow occurrence.

APPENDIX A. SSO ACTION PLAN (continued)

Internal Notification

Personnel in the field find a SSO are to contact the Dispatcher and give him the relevant information as outlined in Section III. A. The same procedure as shown for public notification under working hours will be used.

During heavy rain events our crews will investigate possible recurring SSO sites to verify if any overflow has occurred. These crews will visit sites which has been determined as being locations that have potential to overflow. The Crew will follow the same procedure as outlined under public notification during working hours. After crews have gone through their list, then they will start clean-up at each site.

Crews will walk lines and open manholes to check for any blockage or surcharged lines before an SSO exist. The crew will address all stoppages immediately to restore service. Crew will fill out a hand written work orders for additional follow-up investigation and will be turned in the following workday. A cleaning and TV work is required on ALL main line sections where stoppages are found and where the work has not been performed during the initial investigation. If the crews find a SSO, then they follow the same procedure as shown in public notification during working hours.

Main line blockages will be cleaned within three (3) working days and follow-up TV work order to be completed within an additional two (2) working days. After TV work has been completed the Maintenance Coordinator will review the TV video to determine any subsequent appropriate action to prevent re-occurrence.

APPENDIX B DETECTING POTENTIAL EXPLOSIVE OR TOXIC CONDITIONS

Purpose:

To ensure that all affected BPU employees are notified of potential health or safety hazards in the BPU collection system.

Procedures:

The following procedures must be followed when detecting potential health or safety hazards in the BPU collection system:

Step 1

The BPU employee(s) or crew discovering the potential health or safety hazard must notify dispatch (via Radio or 776-5958) or the General Manager Department (776-5984) to report the potential problem.

- A. Information included in the report:
 - Name of the employee making the report
 - 2. Street address or location or potential hazard
 - 3. Manhole number (if known)
 - 4. Brief description of findings (see attached form)
- B. If the health or safety hazard was reported to dispatch: dispatch should contact the General Manager and Benton Fire Department and report the above information.

Step 2

General Manager and Benton Fire Department will then investigate the report.

Step 3

If Safety confirms the report, Safety will notify dispatch to ALERT all affected field crews via RADIO that the reported area is "Off Limits" until further notified. Safety will notify ALL other affected BPU department supervisors of the reported area.

Step 4

Dispatch will draft a notice with the location of the ALERTED areas and place a copy on all Safety News Bulletin Boards and Backdoors at our Complex. Dispatch will also forward a copy of the notice to Safety for placement on other Safety News BB's throughout the utility.

Step 5

If the investigation suspects a Natural Gas Leak, Safety will contact Centerpoint Energy to report the situation.

Step 6

Dispatch will keep ALL affected BPU departments informed of the situation and monitor their (Centerpoint Energy) findings.

Step 7

Once the health or safety hazard has been corrected, crews will perform a follow-up investigation and when NO HAZARDOUS conditions exist, crews will remove the Safety ALERT and notify all affected departments.

Step 8

If gasoline, solvents, paint, or other foreign material is suspected and the hazardous area is located in an Industrial/Commercial Area, Dispatch will contact the Benton Fire Department and transfer the report for further action. 776-5960.

After Hours Reporting

If a hazardous atmosphere is detected after normal working hours, the employee must report the area the next working day prior to his/her normal working hours. After this report is made the process will begin with step one.

APPENDIX C SSO FLOW AND VOLUME DETERMINATION

As indicated previously in this SSORP, each SSO actively discharging during the investigation phase of this response plan's tasks shall be evaluated for flow and ultimately total volume discharged, each of which is to be included as part of the reporting requirements. The Engineering Department has defined a three tired flow estimating system that is derived from the reaction of the manhole lid in relation to the flow existing the collection system. This system is easily field estimated without the need for measuring devices, which is most instances, would fail to achieve a proper signal due to the lack of sufficient depth of flow.

It has been determined that the majority of actively discharging SSOs reported by a response crew would be non-capacity related. Therefore criteria for determining flow should concentrate on these conditions for gravity sewer collection systems. The three-category rating system is outlined below:

0 – 10 gpm(gallons per minute)

This rate covers the light discharge experienced in the upper reaches of the collection system, usually with a small number of residential connections. The visual indicator would be a light flow (about the rate of a standard faucet) from around the manhole lid with no visible release of debris or solids, and no movement or lifting of the lid itself.

10 - 100 gpm

This rate covers the moderate discharge experienced in the lower reaches of the collection system, usually along the larger collector or outfall type sewer mains (typically 10" and larger mains) and in some capacity related SSOs. The visual indicator would be a noticeable flow from around the manhole lid, slight debris or solids release, and a rocking or slight lifting of the manhole lid.

> 100 (greater than 100 gpm)

This rate covers the heavy discharge experienced along the major outfall sewers and larger capacity related SSOs. The visual indicator is the definite release of debris or solids, and the complete lifting or displacement of the manhole lid.

SSO volumes are derived from the above category multiplied by the duration of discharge. If the exact length of discharge is unknown, criteria for determining an estimated time has been established in the Section III.D, Overflow Report.

APPENDIX D SIGNAGE FOR OVERFLOWS

The following language shall be used on signs located on existing SSO sites during cleanup and on notices attached to homes adjacent to SSO sites:

NOTICE OF SANITARY SEWER OVERFLOW

Please avoid contact with this sanitary sewer facility due to the possibility of adverse health effects until cleanup can be completed

For Additional Information Contact 776-5955

The following language shall be used on signs located on potential SSO sites that occur more than once in a twelve-month period:

NOTICE OF SANITARY SEWER OVERFLOWS WHICH MAY OCCUR AT THIS LOCATION

Please avoid contact with this sanitary sewer facility during an Overflow condition due to the possibility of adverse health effects until cleanup can be completed

For Additional Information Contact <u>776-5955</u>

Appendix 2 Drainage Basin Map

Table of Contents

Title		Pages
	*	r affect
	•	
Benton Public Utility Drainage Basin Map		

MAP(S)/PLAN(S) SCANNED IN SEPARATE FILE

Appendix 3 Smoke Test Field Inspection Form

Table of Contents

Title	Pages
Benton Public Utility Smoke Test Field Inspection Form	1

SMOKE TEST RECORD CITY OF BENTON
Street Name / Location 105 W. HAZEL Grid Number 111 Size 4" Material 105 W. HAZEL Grid Number 5 Downstream Manhole No. Upstream Manhole No.
Date: 7/7/11 Crew Leader: To General Location: FRONT YARD / UNDER DECK
Area Cover: Concrete Pavement Asphalt Pavement Sidewalk Gravel Grass Wooded
Defect Location: Main Line Service Line Clean Out 1 Leak at Manhole # Cross Connect Other (describe)
Description and sketch:
N E E E E E E E E E E E E E E E E E E E
W. HAZEL
Photo # <u>100 - 0477</u>
Comments: Top of Clean but BROKEN- NEEDS REPLACED

Benton Utilities

City of Benton: Smoke test

Basin # 5
Grid # P11

Photo # 100-0477

Date:

7/7/2011

Downstream manhole# Upstream Manhole#



Appendix 4 Manhole Repair Record

Table of Contents

Title	Pages
Benton Public Utility Manhole Inspection / Daily Form	1

MANHOLE INSPECTION/ DAILY FORM

MANHOLE LOCATION

	STREET_			MANHOL	E NUMBER				
	ADDRESS	1		18.00-70-ATWARDS					
	LOCATION:	☐FRONT ☐BACK Y ☐SIDE YA ☐DRIVEV ☐SIDEWA ☐CURB	ARD IRD VAY	Cparki Calley Cin Sti Cinter Crasen Cothe	REST SECTION MENT		_ N		
									VERT CONFIGURATION DIRECTION WITH ARROW
and the second s	GENERAL	-			_				
	MANHOL	E DIMENSIO	NS: DE	PTH IN FT	_ IN	DIAMETE	R		
	STRUCTURE TYPE:				GROUNDWATER II	NFILTRATIO	N:		
		□BRICK	□BLOCK □	PRECAST	SULFIDE INDUCED		V:	5 🗆 4 🗀 3 🗀 2	
							SEVERE -	5 🗀 4 🗀 3 🗀 2	U1 NONE
	MANHOLE PR	LEPARA	TION						:
	DATE WASHED:	<u></u>			INFILTR	ATION CON	TROL: OM	INOR PATCHIN	G (HYDRAULIC CEMENT) G (HYDRAULIC CEMENT)
	WATER PRESSURE ((PSI)					□ M	IINOR PATCHIN	IG (CHEMICAL GROUT)
	INVERT REPAIR:	□yes mi □no	ETHOD USED				U M	IAJOK PATCHIN	G (CHEMICAL GROUT)
	BENCH REBUILD:	□yes me □no	THOD USED						
	MANHOLE LI	NING							
	DATE SPRAYED:	. • •			LINER MATERIAL	USED:			
•	LINER THICKNESS:				NUMBER OF BAGS	USED:		-	
		1.0 in ① 1.5 in ①			TROWEL FINISH	□YES	□no		
		20 in □			BRUSH FINISH	□yes	□no		
6 4 a.a		•			4 MIL PLASTIC PLA	ACED BETW	EEN FRAMI	AND COVER	CYES INO
use entre les de la responsable la	QA/QC	errust a esta per e	e sev a a asa a	No. of the second	a na segue a per entre setta e en		the west a sewest of		e e de la companya d La companya de la co
	COMPRESSIVE STRE MATERIAL SPECIME		□yes nu □no	IMBER OF SPECII	MEN CAST	, .			
	MANHOLE VACUUM TESTING:	1	□YES PA □NO	SSED TESTING:	□yes □no				

Appendix 5 Benton Utilities Sanitary Sewer Manhole Repair Record

Table of Contents

Title	Pages
Summary Sheet	1
Basin 1	1-4
Basin 2	1-15
Basin 3	1-19
Basin 4	1-7
Basin 5	1-18
Basin 6	1-7
Basin 7	1-4
Basin 8	1-12
Basin 9	1-4
Basin 10	1-28
Basin 11	1-16

W:\2011\11-5723 Benton Utilities - SSES Assistance\Project Documentation\Gravity Main Repair Record\Final Manhole Spreadsheets\
Summary Manhole Inspection Repairs 070313

BENTON UTILITIES SS MANHOLE REPAIR RECORD SUMMARY

Control Cont					Surfa	ce Abo	ve Mar	hole			Nee	d for Re	pair				Repai	r Requi	rement									
BASIN NO. 2 495 116 12 96 9 0 221 57 351 0 14 14 116 0 10 4 6 112 6 7 0 0 0 0 0 0 0 0 0 0 17 BASIN NO. 3 655 115 30 241 0 11 226 93 456 8 36 40 115 0 40 21 11 108 16 31 0 17 0 0 4 0 17 BASIN NO. 4 217 15 3 125 6 7 63 7 182 0 13 5 15 0 3 1 1 1 16 2 11 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0	Basin No.			Concrete Pavement	Asphalt Pavement	idewa		Grass	Wood	None	1st	2nd	Low	No Access	· O	Bench & Trough or Around Pipe	Remove Roots	B	Raise Rim	Seal Rim or Extension	Cementious Lining	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	er Re	امرا	Extension or Rim Sealed	Com
BASIN NO. 3 655 115 30 241 0 11 226 93 456 8 36 40 115 0 40 21 11 108 16 31 0 17 0 0 4 0 17 BASIN NO. 4 217 15 3 125 6 7 63 7 182 0 13 5 15 0 3 1 1 1 16 2 11 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0	BASIN NO.1 多級	斯勒110 孫語	题 10	⊠ 0 ≥	10000000000000000000000000000000000000	20 0	33	■ 76	18	■ 79	2	3 3	14	■10■		3	2■	■ 0 ■	4	圖14图	₽ 3 ₽	[0]	0	[0]	[0]	[0]	32 0 2 2	[0]
BASIN NO. 4 217 15 3 125 6 7 63 7 182 0 13 5 15 0 3 1 1 1 16 2 11 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0	BASIN NO. 2	495	116	12	96	9	0	221	57	351	0	14	14	116	0	10	4	6	112	6	7	0	0	0	0	0	0	0
BASIN NO! 5 3 3 5 3 4 3 5 3 5 4 5 4 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6	BASIN NO. 3	655	115	30	241	0	11	226	93	456	8	36	40	115	0	40	21	11	108	16	31	0	17	0	0	4	0	17
BASIN NO. 6 210 14 2 75 0 16 78 37 129 0 18 48 14 0 26 5 3 48 14 0 26 5 3 48 14 0 26 5 3 24 27 20 0 0 0 0 0 0 0 0 1 8 0 0 0 0 0 0 1 8 0 0 0 0	BASIN NO. 4	217	15	3	125	6	7	63	7	182	, o	13	5	15	0	3	1	1	16	2	11	0	0	0	1	1	0	0
BASIN NO. 7 124 34 1 40 0 5 36 5 75 0 6 9 34 0 2 4 1 35 8 2 0 0 0 0 0 2 0 0 BASIN NO. 8 386 72 2 134 0 12 183 37 291 0 6 11 72 0 10 5 4 76 3 1 0 0 0 0 12 0 0 0 0 0 0 0 0 0 0 0 0 0	BASIN NO. 5	594	35	4	344	4	₽20	160	■ 62 ■	[461]	4	■ 65	■ 19	35		51	18	18	46	2	581	[0]	0	[0]	to.	116	0	[0]
BASIN NO. 8 386 72 2 134 0 12 183 37 291 0 6 11 72 0 10 5 4 76 3 1 0 0 0 0 0 12 0 0 0 0 0 0 0 0 0 0 0 0	BASIN NO. 6	210	14	2	75	0	16	78	37	129	0	18	48	14	0	26	5	3	24	27	20	0	0	0	1	8	0	0
BASIN NO.19 30 43 34 239 21 12 531 78 455 3 155 287 43 1 256 48 33 74 140 192 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BASIN NO. 7	124	34	1	40	0	5	36	5	75	0	6	9	34	٥	2	4	1	35	8	2	0	0	0	0	2	0	0
BASIN No. 10 949 43 34 239 21 12 531 78 455 3 155 287 43 1 256 48 33 74 140 192 0 5 0 0 22 0 5 BASIN NO. 11 540 5 26 54 94 15 337 12 406 1 7 117 5 1 32 5 2 47 71 4 0 0 0 0 21 0 0	BASIN NO. 8	386	72	2	134	0	12	183	37	291	0	6	11	72	0	10	5	4	76	3	1	0	0	0	0	12	0	0
BASIN No. 10 949 43 34 239 21 12 531 78 455 3 155 287 43 1 256 48 33 74 140 192 0 5 0 0 22 0 5 BASIN NO. 11 540 5 26 54 94 15 337 12 406 1 7 117 5 1 32 5 2 47 71 4 0 0 0 0 21 0 0	BASIN NO!9	107	2	驟 5 躝	₽29團	麗0國	魔6羅	43	■20■	■ 69 ■	11	4	30	2	₹ 0	15	4	1	5	18	27	[0]	0	[0]	[0]	611	M 0 M	EO3
															1								5	0	+			5
Totals 4,387 461 119 1,380 134 107 1,954 426 2,954 19 327 594 461 2 448 117 80 547 307 336 0 22 0 2 87 0 22	BASIN NO. 11	540	5	26	54	94	15	337	12	406	1	7	117	- 5	1	32	5	2	47	71	4	0	0	0	0	21	0	0
	Totals	4,387	461	119	1,380	134	107	1,954	426	2,954	19	327	594	461	2	448	117	80	547	307	336	0	22	0	2	87	0	22

Manholes Inspected

3,926

75.2% 0.5% 8.3% 15.1%

0.1% 11.4% 3.0% 2.0% 13.9% 7.8% 8.6%

89.5%

10.5%

BENTON UTILITIES) 33 IVIA	WHOLE KE	PAIK KE	LUKU B	ASIN																					,	7		, , ,			
							Su	rface	Abo	ve N	lanho	ole	N	leed f	for R	epair	_	- 1	Re	pair F	Requi	reme	ent			1		'		. 1		
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	1	Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd			Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Hartford Hills Drive	H-10	8/29/11		4'6"	н	10-1	T	 			1		1	7		Ť	1	Ï	_W	<u> </u>				T			1					亡
Hartford Hills Drive	H-10	8/29/11		7'7"	Н	10-2		-			1		1			-	-	_				_			ľ	+-	 	 		一十		T
Hartford Hills Drive	H-10	8/29/11		4'7"	Н	10-3		 		-	1		-		_	1	_						1	1		1		\vdash	\vdash	\Box		+
Hartford Hills Drive	H-10	8/29/2011	,	4'5"	H	10-4		 	-		1		1		_	-+	_							1		1	-	\vdash	\vdash	一十		1
Stamford Drive	H-10	8/29/2011	1		Н	10-5	┢	1	-		-		-	$\neg \dagger$			1	一								1	 	 		\Box		1
Stamford Drive	H-10	9/1/2011	1		Н	10-6										\neg	1	_					i		i	1		T	\Box			T
Stamford Drive	H-10	9/1/2011	1		Н	10-7	1										1									1	 					T
Stamford Drive	H-10	8/30/2011		9'0"	Н	10-8		†	<u> </u>		1		_			1	1	\neg					1			1		T			NOTE: THE PERSON NAMED IN COLUMN 1	T
Stamford Drive	H-10	8/30/2011		5'8"	Н	10-9	1		1		1		$\neg \dagger$			1			<u> </u>				1	1		1				\Box		
Hartford Hills Drive	H-10	8/29/2011		5'10"	Н	10-10	1	T	1		1		1													1		\vdash				T
Hartford Hills Drive	H-10	8/29/2011		5'7"	Н	10-11	1	 	1			1				1							1			1		T		\Box		
Hartford Hills Drive	H-10	8/29/2011		5'9"	Н	10-12	1		1	1	1		1				1									1						
Stamford Drive	H-10	9/1/2011		5'3"	Н	10-13	T					1	1				一十									1				П		
Stamford Drive	H-10	9/1/2011		5'1"	Н	10-14		1				1	1													1				\Box		
Stamford Drive	H-10	9/1/2011		4'6"	Н	10-15		1				1	1																			
Stamford Drive	H-10	8/30/2011		6'9"	Н	10-16		1			1		1												1							
Stamford Drive	H-10	9/1/2011		4'7"	Н	10-17						1	1												İ							
Stamford Drive	H-10	8/30/2011		5'2"	Н	10-18						1	1																			
Stamford Drive	H-10	8/30/2011		5'4"	Н	10-19					1				1								1	1								
Stamford Drive	H-10	8/30/2011		5'1"	Н	10-20		-			1					1							1		ŀ							
Stamford Drive	H-10	8/30/2011		4'7"	Н	10-21					1					1							1									$oldsymbol{ol}}}}}}}}}}}}}}$
Stamford Drive	H-10	8/29/2011		4'6"	Н	10-22					1					1							1									$oxedsymbol{oxed}$
Stamford Drive	H-10	8/29/2011	1		н	10-22 A	1										1															
Stamford Drive	H-10	8/29/2011		12'2"	Н	10-23					1		1												ŀ							
Stamford Drive	H-10	8/29/2011	,	6'	Н	10-24	1				1					1							1									
Stamford Drive	H-10	8/29/2011		6'1"	Н	10-25					1					1							1									
Stamford Drive	H-10	9/1/2011		8'5"	Н	10-26					1		1												4.							
Stamford Drive	H-10	9/1/2011		6'	Н	10-27					1		1,											_					$oxed{oxed}$			1
Stamford Drive	H-10	9/1/2011	1		Н	10-28						1					1					_		1_					igspace			\perp
Stamford Drive	H-10	9/1/2011		6'1"	Ξ	10-29						1										<u> </u>		1				<u></u>				\perp
Stamford Drive	H-10	9/1/2011		6'5	H	10-30						1	1																<u> </u>	Ш		\perp
Stamford Drive	H-10	9/1/2011		5'8"	Н	10-31						1	1											1			<u> </u>				,	_
Stamford Drive-Right of Way	H-10	8/30/2011		6'5"	н	10-32		:			1		1																			

BENTON UTILITIES	3 33 1412	MHOLE KE	PAIN NEC	LUND B	ASII	<u>и</u> т	1										-	,							1				,	-	 -		
•							Su	ırtacı	e Abo	ove N	lanho	ole		Veed f	or Re	pair	4		Rep	air R	equir	reme	ent	,							1 /	1	
STREET ADDRESS		Date Visually Inspected	Unable to Access	Depth		Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	_ [8	Replace Manhole	Bench & Trough or	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Rep Complet	air ed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Stamford Drive-Right					İ		T	T	T	Ī				ΠŤ		7				Ť	7	Ħ		T			1		T	T	Ħ		Ħ
of Way	H-10	8/30/2011		7'1"	Н	10-33	1		1		1		1							1						, 1			1			1	
Stamford Drive	H-10	8/30/2011	1		Н	10-34		1	†	1				 	十		1	-				\neg		1			_		+	1	†		+
Stamford Drive	H-10	8/29/2011		8'6"	Н		1	t	<u> </u>	1		1	1				1			_	_			\vdash			\dashv		+	1	1		+-
Stamford Drive-Right					1		1	1	1-						-	+	+			$\neg \dagger$							_		\mathbf{T}	t	 		+
of Way	H-10	8/30/2011		6'2"	H	10-36	1	1			1		1		1		1							1						1			
Jackson Drive	H-10	8/30/2011		6'8"	Н	10-37	1	1	1	T	1		1			+	+	+						T	 	\top			T	T	H		1
Hartford Hills Drive	H-11	8/29/2011		5'8"	Н		1	1	1		1		1		-†	\top	1	\top			$\neg \dagger$	_				\sqcap		· · · · · · · · · · · · · · · · · · ·	T	†	+		1
Hartford Hills Drive	H-11	8/29/2011		7'3"	Н	11-2	-	† · · ·		1	1		1	\vdash	-†	+	十	+						t		-		,	†	+	1		+
Hartford Hills Drive	H-11	8/29/2011		7'1"	Н	11-3	1	†	1	1	1		1		十	十	十	\dashv						1		\sqcap		· · · · · · · · · · · · · · · · · · ·	T	1	1		+
Hartford Hills Drive	H-11	8/29/2011		4'7"	Н	11-4	1	1	1		1		1,			-	1							T			一		+-	†	\Box		+
Hartford Hills Drive	H-11	8/29/2011		6'5"	H	11-5	1	1	†	1	1		1			7	1	1						1			一		 	†	+		1
Hartford Hills Drive	H-11	8/29/2011		4'9"	Н	11-6	1	1	1	1	1		1				1	1						1		T	一		1	†			1
Hartford Hills Drive	H-11	8/25/2011		4'11"	Н	11-7		1	1		1		1			1	1	1						T					1	1			
Hartford Hills Drive	H-11	8/29/2011		5'4"	Н	11-8					1		1				T							1			T	* . **	1	1			1
Norwich Ct	H-11	8/25/2011		4'8"	Н	11-9				1		1		1										1					1				1
Norwich Ct	H-11	8/25/2011		4'11"	Н	11-10	-	1		1		1			1		1		1	1													1
Hartford Hills Drive	H-11	8/25/2011		5'7"	Н	11-11					1		1			1	1							1						1	T		1
Norwich Ct	H-11	8/25/2011		5'10"	Н	11-12	1	1		1			1				1										\neg				\Box		1
Hartford Hills Drive	H-11	8/29/2011		4'7"	Н	11-13	T		1			1	1			T	T													1			T
Stamford Dr	H-11	8/29/2011		7'1"	Н	11-14	Ī	1	1	1	1		1			1		-				1		T					1	1	\Box		1
Stamford	H-11	8/29/2011	1		Н	11-15				1	1						1													1			1
Hartford Hills Drive	H-11	8/25/2011		5'1"	Н	11-16					1		1			T	1												T	1	П		1
Hartford Hills Drive	H-11	8/25/2011		6'7"	Н	11-17					1		1				丁													T			T
Stamford Dr	H-11	8/29/2011		5'9"	Н	11-18				1	1		1																				T
Stamford Dr	H-11	8/29/2011		4'9"	Н	11-19					1		1			1																	T
Stamford Drive-Right																																	T
of Way	I-10	9/6/2011		5'9"	1	10-1				L	1		1																		\mathbf{L}^{-1}		
Stamford Drive-Right																	T								1								T
of Way	I-10	9/6/2011		8'5"	1	10-2	-				1		1				-	L													\perp $^{\prime}$		
Stamford Drive-Right of Way	I-10	9/6/2011	en en es	6'7"		10-3			1.		1		1			,											1						
Stamford Drive-Right of Way		9/6/2011		5'8"		10-4	:				1		1				1																

BENTON UTILITIES	33 1117	THE TENTE	1		ASII		I c.		Λha	N	lon b	-1-		اممط	6 D		:		De									_	T			
								ırface T	1	ve IV	ianne	oie	<u> </u>	Veed	TOP H	epai	"	-	ке	pair i	Requi	remo	ent			-			1			
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	1	Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1s1	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
	Grid No.	inspecteu	1	Deptil	-	Number	1=	 _	 _	<u> </u>	\ <u>\infty</u>	٥	ā	F	٥	8	l Si	e	ا ق ع	<u> </u>	14	3	3 9	<u>~</u>	Completed	<u> </u>	0 0 3	غل	ļă	ے	<u>a 3</u>	<u> ă</u>
Stamford Drive-Right of Way	1.10	0/6/2011		O!	١.	10.5	1	1																	1				l			
Stamford Drive-Right	l-10	9/6/2011		8'		10-5	╀	-	├ ─	-	1		1				-		ļ		\vdash			\vdash		-		-	₩	\square		4
of Way	I- 1 0	9/6/2011			١.	10.0	1	1		:																			1			
Stamford Drive-Right	1-10	9/6/2011	1		┼-	10-6	1	-	ļ.—		1						1		<u> </u>	-	\vdash		*****		1	┿		-	ļ	igwdapprox		
of Way	I-10	9/6/2011		6'1"	1.	10-7	•																									-
Stamford Drive-Right	1-10	3/0/2011		0.1	+-	10-7	╂	-	-		1	\vdash	1				\vdash				\vdash			$\vdash\vdash\vdash$		-		┼	┼	igwdapprox		-
of Way	I-10	9/6/2011		7'11"	١,	10-8		1			1		1				1 1															
Stamford Drive-Right	1-10	3/0/2011		/ 11	╁	10-6	1	╅	├	-	1	\vdash	1	-			\vdash				H			-		-	ļ	┼	├-	\vdash		+
of Way	I-10	9/6/2011		13'	1.	10-9			1	1			1				1 1			1					}							
Stamford Drive-Right	. 10	37 37 2011		+3	†	103	1	+	├	1		Н	-				\vdash									+		-	╫		******	+-
of Way	I-10	9/6/2011	1		1	10-10			1			1					1												1			
Red Oak Cr	J-10	8/26/2011	1	· · · · , —-	J	10-4	1	T		· · ·							1			-						+-						+
Red Oak Cr	J-10	8/26/2011		6'8"	J	10-4 A	1	t	1		1		1		-		H									+		†	 			+
Red Oak Cr	J-10	8/25/2011		4'9"	J	10-4 B	1	t	1	-		1	1						-						<u> </u>	+		†	1	H		1
Red Oak Cr	J-10	8/26/2011		5'2"	J	10-5	1	1			1		1								П					1		1	t			\top
Red Oak Cr	J-10	8/26/2011		5'3"	J	10-5 A	1	1			1					1		-,				1				1						1
River Oak Dr	J-10	8/26/2011		6'7"	J	10-6		T			1					1			1			1										1
River Oak Dr	J-10	8/26/2011	1		J	10-7	1		T								1									1		1				1
River Oak Dr	J-10	8/26/2011		5'7"	J	10-8		T		1			1												İ			1			···	1
River Oak Dr	J-10	8/26/2011		4'7"	J	10-9					1		1														Î				*	1
River Oak Dr	J-10	8/26/2011		5'2"	J	10-10					1		1																			1
River Oak Dr	J-10	8/26/2011		6'6"	J	10-11		1			1		1																			1
River Oak Dr	J-10	8/26/2011		6'	J	10-13					1		1,																			
River Oak Dr	J-10	8/26/2011	1		J	10-14											1															
River Oak Dr	J-10	8/26/2011		5'10"	J	10-15					1		1																			
River Oak Dr	J-10	8/26/2011		5'11"	1	10-15 A					1		1.														-					
River Oak Dr	J-10	8/26/2011		5'9"	1	10-15 B					1					1						1	1									
River Oak Dr	J-10	8/26/2011	11		J	10-16				1							1					1										
River Oak Dr	J-10	8/26/2011	1		J	10-17							L_				1															
River Oak Dr	J-10	8/26/2011	1		J	10-18											1															
River Oak Dr	J-10	8/26/2011		5'7"	J	10-19					1		1																			
River Oak Dr	J-10	8/26/2011	1		J	10-20							ĵ ;				1															
River Oak Dr	J-10	8/26/2011		5'6"	J	10-21	<u> </u>	<u> </u>	<u> </u>		1				1				1				1	Щ		_				Ш		
River Oak Dr	J-10	8/26/2011	1	<u> </u>	J	10-22	1				<u> </u>				<u> </u>		1										<u> </u>					

		,	1				Su	rface	Abo	ve M	lanho	ole	N	leed	for R	epai	r		Re	pair l	Requ	irem	ent									Т
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	1	Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1 st	2nd	Low	_ 1	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai Completed		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
River Oak Dr	J-10	8/26/2011		4'8"	J	10-23					1		1													Ť	1	1	1			〒
River Oak Dr	J-10	8/26/2011		8'4"	J	10-24					1		1											П		1		+	1			+
River Oak Dr	J-10	8/26/2011		10'3"	J	10-25					1		1													1		1	 			十
River Oak Dr	J-10	8/26/2011	1		J	10-26					1						1					1						1	1		<u> </u>	†
River Oak Dr	J-10	8/26/2011		5'8"	J	10-27					1		1															1	1			+
River Oak Dr	J-10	8/26/2011		5'1"	J	10-28					1					1							1						1			+
River Oaks Dr	J-10	8/26/11		4'5"	J	10-29			,		1		1				, in															
River Oaks Dr	J-10	8/26/2011		6'	J	10-30					1		1													1		1	†		 	+
River Oaks Dr	J-10	8/26/2011	1		J	10-30 A											1								1			1	1			1
Hwy 5	J-10	8/26/2011	1		J	10-31											1								1:		1	1	1			1
River Oaks Dr	J-10	8/26/2011	1		J	10-36											1								-			1				1
Volcanic Dr	K-10	8/24/2011		8'5"	K	10-2		1					1															1				1
Volcanic Dr	K-10	8/24/2011		7'3"	K	10-3					1					1							1				1					\top
Volcanic Dr	K-10	8/24/2011	1		K	10-3 A						***************************************					1												1			1
Twin Oaks Dr	K-10	8/24/2011		5'10"	K	10-3 B					1		1						-									1				
Twin Oaks Dr	K-10	8/24/2011		5'4"	K	10-3 C		1					1																			T
Volcanic Dr	K-10	8/24/2011	'	6'2"	К	10-4					1		1				-															T
Volcanic Dr	K-10	8/24/2011	1		K	10-6						100				-	1															T
River Oaks Pointe Ct	K-10	8/24/2011	1		K	10-8											1											T	T			T
Twin Oaks Dr	K-15	8/24/2011		5'1"	K	10-60					1			1					1	1				1	ĺ							I
TOTALS			24		\vdash		0	3	0	4	70	16	67	2	3	14	24	0	3	2	0	5	14	3		0	0	0	0	0	0	0

Total No. Manholes

110

BENTON UTILITI	123 33 IV	IANNOLL K	LPAIN N	LCOND	TDA	SIN 2	-		- A h		4	-1-	_		. f !		_		Don	-i- D					<u> </u>		_	-					_
							├	urtaci T	e Ab	ove N	viann	T	╂—'	Need	TOT I	кераі	<u>r</u> .	-	кер	air K	equir T	emei	nt	_								i	
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	1	1anhole Iumber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	1 '-'	Sealed at Pipe	Bench and Trough Repaired or Hole	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Shasta Trinity	G-12	9/11/12	1		G	12-1	f	17	1	†	T	T	T	┿	٣		1		1 3	1	†	1		100		十一	†	<u> </u>	†				十
Nature Way	G-12	9/11/12		6'6	G	12-49	┢	+	1-	+-	1	1	1	+	+		Ť	†		╁	+			 	 	+	╅┈┈	***************************************	1	 	+		十
Nature Way	G-12	9/11/12	1		G	12-50		†	十一	1	╅	1	t	†	t	1	1	t		†	 	1		 		+	\vdash		+		\vdash		+
Nature Way	G-12	9/11/2012		16'	G	12-51		1		+	1	1	1	†	 		-	1		T	†			t	ì	+	t		+	 			+
Nature Way	H-12	9/11/2012		5'6	Н	12-1	1	1	1	1	Ť	T	1	†	\vdash	1				†	†					+-	1			1	+		+
Nature Way	H-12	9/11/2012		9'5	H	12-2	H	1	亡	1	1	1	1	+	<u> </u>			1		1	1	\vdash			1	1	1	s:	1-	1			1
Nature Way	H-12	9/12/2012	1		Н	12-9		1	1	†	Ť	t	1	1	1-		1	1		†	1	1	•	 		+	1		+	<u> </u>		·	+
Nature Way	H-12	9/11/2012		6'5	Н	12-10	H	1	1		1	1	1	t	十一		Ī	† —		†	1			\vdash	i i	+			1		\square		+
Nature Way	H-13	8/28/2012		10'9	H	13-3	t	1	1	1	1	1	1	T	+					1	1				j	+	1		1		H		+
Nature Way	H-13	8/28/2012	1		T H	13-4	1	T	1	1	1	1	1	1	T		1	1	<u> </u>	1	1-	1		t	1	1	1		1		\Box		+
Nature Way	H-13	8/28/2012		9'	H	13-5	1	1	1	1	1	†	1	 	1					1	1			t		+	1		1	1			+
Nature Way	H-13	8/28/2012		6'7	Н	13-6			1	1	1	1	1	†	†	1				1	1	1		1		1	1		1	†	\Box		T
Nature Way	H-13	8/28/2012		13'5	Н	13-7	1	†	1	1	1	1	1		1	1				1	1					1			1		\Box		1
St Francis Cv.	H-13	8/28/2012	1		H	13-8			1	1	1	1		1		1	1			1		1				1	1			1			1
St Francis Cv.	H-13	8/28/2012		9'	Н	13-9		1	1		1	1	1	T	1					1	1	1					1		1		\Box		T
St Francis Cv.	H-13	8/28/2012		7'2	Н	13-10		1	1		1	1	1		T	1	T	1		1					ļ	1	1		1	T	\Box		1
Nature Way	H-13	8/28/2012	1		Н	13-11		1		1		T			T		1			\top		1		1		1				1			1
Nature Way	H-13	8/28/2012		12'7	Н	13-12		1			1	1	1	1	1					1						1			1	1			1
National Forest Dr	H-13	8/28/2012		9'9	Н	13-13		1	1		1	1	1	1	1	1		1		1	1					1	1		1				
Quachita Cv	H-13	8/28/2012	1		Н	13-14		1			1	1			1		1	1				1		T			\top		1				
Quachita Cv	H-13	8/28/2012		6'9	Н	13-15		1		1	1		1		T									1						T			T
Quachita Cv	H-13	8/28/2012		8'1	Н	13-16					1		1	\Box	T	Т	Π	T												1			T
National Forest Dr	H-13	9/11/2012		8'3	Н	13-17					1		1		T																		
National Forest Dr	H-13	9/11/2012		9'	Н	13-18			1 -		1		1		1									Ī									T
National Forest Dr	H-13	9/11/2012		10'3	Н	13-19					1		1	Τ,	T																		T
Beaverhead Cv	H-13	9/11/2012		9'7	Н	13-21					1		1																	Π			
Beaverhead Cv	H-13	9/11/2012	1		Н	13-22											1					1											
Beaverhead Cv	H-13	9/11/2012		8'6	Н	13-23					1		1																				$oxed{\Box}$
Salt Creek	I-11	10/18/2012		7'6		11-1		1					1																				
Salt Creek	1-11	10/18/2012	1			11-1 A											1					1											
Salt Creek	I-11	10/18/2012		7'9	1	11-2		1					1																				
Britton Rd	l-11	10/12/2012		5'4	1	11-6		1					1													•							
Salt Creek	I-11	10/18/2012		7'3		11-7		1					1	17.																			
Britton Rd	I-11	10/12/2012		5'8		11-8		1					1																				
Britton Rd	I-11	10/12/2012	1			11-9		1		T							1					1		L^{-}	-							l	

BENTON UTILIT	1	AITH OLL IV			BASIN		_		A !-			-1-			ć 5					-: -					1				T	,			_
							Su	тасе	Abo	ve IV	ianho	ole	├-^	Veed	tor R	epair		Щ,	Rep	air R	equir I	eme	nt	т —									
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	Manh Num		Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed		Sealed at Pipe	Bench and Trough Repaired or Hole	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Salt Creek	I-11	10/18/2012		5'11		1-10		1					1											I		+	T		Ī		一		忙
Salt Creek	I-11	10/18/2012		6'2	 	-10 A		1					1	\vdash										1	L.	+-	┼──		 		\vdash		+
Salt Creek	I-11	10/15/2012		6'10		-10 B		:				1	1		- 1					†	1			1		+	†				\vdash		+-
Britton Rd	I-11	10/12/2012		7'4		1-12		1					1			1				1			· · · · · · · · · · · · · · · · · · ·	1		+	+		 		\vdash		+
Britton Rd	I-11	10/12/2012		5'10	 	1-13	-	1				-	1							†	†	Н		 		+-	+		 		$\vdash \vdash$		+
Britton Rd	I-11	10/12/2012		6'2	 	1-14		1					1							1	1	\vdash				+	†		<u> </u>		 		+
Britton Rd	I-11	10/12/2012		6'5	 	1-15		1		-						1				1	†	\vdash	1			+	 		╁		$\vdash \vdash$		+
Britton Rd	I-11	10/12/2012		5'1		1-16						1		\vdash		1				1-	1	\vdash	1			+-	 		 				+
Britton Rd	I-11	10/12/2012	1		4	1-17						1		\vdash		-	1			1	1	1			,	+	1		t		H		+
Britton Rd	I-11	10/12/2012	1		+	1-18						1					1			1		1		1		+	 		 		\vdash		+
Salt Creek	I-11	10/9/2012		7'	+ + +	1-19						1	1				_			1	1			1		+	 		 				+
Pheasant	-11	10/12/2012	1		11-	-19 A											1			†	†	1				1			 				1
Pheasant	-11	10/12/2012		7'11	l 11	-19 B						1	1							1					Í	1	†				\vdash		+
Salt Creek	-11	10/18/2012		5'7	1 1	1-20		1					1							1				1		1	†		-		\Box		1
Salt Creek	l-11	10/18/2012		7'	1	1-21		1					1								1					1	\vdash				一十		†
Salt Creek	I-11	10/18/2012		8'5	1 1:	1-22		1					1							1						1	1		1				t
Salt Creek	I-11	10/18/2012		6'6	1:	1-23		1					1		. 1	202				1						1	T		 		H		1
Salt Creek	I-11	10/18/2012		4'9	11-	-23 A		1					1													1					\Box		1
Valley Vista	l-11	10/15/2012		4'6	1:	1-24					1		1							1						1							
Valley Vista	I-11	10/15/2012		5'10	1 1:	1-25					1		1							T						1	1						1
Valley Vista	I-11	10/15/2012		4'10	1 1	1-26					1		1										*		1	T	1						
Partridge	I-11	10/12/2012	1		1 11	1-27					1						1				1					1	1	************					1
Partridge	I-11	10/12/2012		7'1	11	-27 B						1	1			7.5										1							
Partridge	I-11	10/12/2012		12'	1 1	1-28					1				1									1			1					***************************************	1
Valley Vista Cir.	l-11	10/15/2012		7'11	1 1	1-30		1					1															**************************************					T
Valley Vista Cir.	I-11	10/15/2012		7'8	1:	1-31					1		1												1								
Duncan	I-11	10/15/2012		11'3	1 11	-31 A		1				e .	1														T				\Box		1
Valley Vista	I-11	10/15/2012		6'2	1 13	1-32						1	1																				
Valley Vista	I-11	10/15/2012		5'10	13	1-33				. £ -		1	1							1			_								\Box	***************************************	
Valley Vista Cir.	I-11	10/15/2012		6'4	1 11	1-34					1		1																				П
Valley Vista	I-11	10/15/2012		5'6	1	1-35						1	1																		\Box		
Salt Creek	I-11	10/15/2012	1		1 1	1-36											1					1				L							
Partridge	l- 11	10/12/2012		7'11	1 1	1-42					1		1																				
Partridge	l-11	10/12/2012		8'2	1 11	1-43					1					1				1													
Clayton Oaks Dr	I-12	9/18/2012		9'1	1 1	2-1					1					1				-		1											

2 of 15

BENTON UTILITI	F2 22 IA	IANHOLE R	EPAIK KI	ECOKD	BAS	SIN 2			_		,								·····							-						
							Su	rface	Abo	ve N	lanh	ole		Need	for F	Repai	r	L	Rep	air R	equir	eme	nt							T		
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	1	anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Clayton Oaks Dr	1-12	9/18/2012	1	15'10	П	12-2	1				V,	Ī	1	T	 		ı v		<u> </u>	1				00	001111111111111111111111111111111111111	+=			H	旹		₩
Sharon Rd	1-12	9/18/2012		3'10	H	12-3		1				-	1	\vdash		-				┢						+	<u> </u>	 	\vdash	-		+
Grand Oaks Dr	l-12	9/18/2012		9'1		12-4					1		1	\vdash		<u> </u>		 		 	\vdash					+-		_	\vdash	\dashv		
Scarlet Oaks Dr	l-12	9/11/2012		7'4		12-4 A		* ****	1			 	1	\vdash	 	 				 			1			+		╁				+
Sterling Oaks Dr	I-12	9/11/2012		10'11		12-5					1		1	\vdash	 	 		 	L	 						1		-	$\vdash \vdash$	\dashv		+
Sharon Rd	l-12	9/18/2012	<u> </u>	4'10		12-6		1					1	H	1			!	l	 						+-		1	\vdash	\dashv		+
Graceful Oaks Dr	l-12	9/11/2012		8'5		12-7			1				1			†	-			1	H		<u></u>		 	1-		 		\dashv		†
Sharon Rd	I-12	9/18/2012	1			12-8					·	1					1			1		1			İ			 	\vdash	一十		T
Mesa Bend	I-12	9/18/2012	,	7'		12-9		1				1	1		1					\vdash								1		一十		1
Mesa Bend	I-12	9/18/2012		9'8		12-10		1					1	H				1		\vdash						+		1		\dashv		T
Mesa Bend	I-12	9/18/2012		9'11		12-11		1				1	1		T	1				 						1		1		-		1
Graceful Oaks Dr	I-12	9/11/2012		8'7	i i	12-12			1				1							 					i i			 		\dashv		T
Graceful Oaks Dr	I-12	9/11/2012		7'9		12-13			1				1																\Box	一十		1
Scarlet Oaks Dr	I-12	9/11/2012		7'1		12-15			1				1							t					i i	1		1		_		t
Sterling Oaks Dr	I-12	9/11/2012		5'10	T	12-16		,,			1		1															T		_		†
Scarlet Oaks Dr	I-12	9/18/2012		7'		12-17					1	1	1																			
Scarlet Oaks Dr	I-12	9/18/2012		6'11		12-18					1		1															1	\Box			T
Sterling Oaks Dr	I-12	9/11/2012		6'		12-19					1		1										-2		1		1					
Sterling Oaks Dr	I-12	9/11/2012		7'8		12-20			1				1												}				\Box			
Grand Oaks Dr	I-12	9/18/2012		13'11		12-21					1		1													1			\Box	\neg		
Grand Oaks Dr	I-12	9/18/2012		9'7	11	12-22					1		1						1 20 - 2 20 - 15										\Box			1
Grand Oaks Dr	I-12	9/18/2012		8'11		12-23					1		1																			1
Grand Oaks Dr	I-12	9/18/2012		7'10		12-24					1		1												1				П			
Grand Oaks Dr	I-12	9/18/2012		7'8		12-25					1		1																		·	
Leigh	J-11	10/15/2012		7'5	J	11-1		1					1					. 100,000														
Leigh	J-11	10/15/2012		7'4	J	11-2		1					1																			
Leigh	J-11	10/15/2012	1		J	11-3							_				1					1										
Leigh	J-11	10/15/2012		8'6	J	11-4		1					1					7														
Leigh	J-11	10/15/2012		12'6	j j .	11-5					1		1	1													a-1					
Leigh	J-11	10/15/2012	-	6'1	J	11-7						1			1									1								
Leigh	J-11	10/15/2012				11-7 A									1		1					1										
Leigh	J-11	10/15/2012	1		J	11-7 B											1					1										
Hwy 5	J-11	10/15/2012		6'3	J	11-10					1		1	i																		
Hwy 5	J-11	10/19/2012		5'11	J	11-11					1		1																			
Duncan	J-11	10/15/2012		8'1	1	11-12		1					1	基																\neg		

BENTON UTILITI	E2 22 IA	IANHOLE K	EPAIK KI	ECOKD	BAS	IN Z						_														 _		,				
							Sui	face	Abov	e Ma	nhol	e	N	eed f	for R	epair	r		Rep	air Re	equir	eme	nt								i	1
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	1	nhole mber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grace	Wood	None	1 st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Duncan	J-11	10/19/2012		8'3	J	11-13		1	Ī		T	Ī	1	Ť	Ī											Ť						T
Duncan	J-11	10/19/2012		5'7		1-13 B		1		1	1	寸	1								Н				ì	1		1				1
Duncan	J-11	10/15/2012		10'11	 	11-14			1	十	1	T	1														-	1				†
Duncan	J-11	10/15/2012		10'10		11-15				十	1	7	1	_												1		1				T
Duncan	J-11	10/15/2012				1-15 A				1	1	7	1				1					1				1		 				1
Duncan	J-11	10/15/2012	+	6'	+	1-15 B		1				1	1	_							П					\top		1				T
Salt Creek	J-11	10/17/2012	 			11-18			十	1	\top	1		1			1					1	\ 			1			\square			
Salt Creek	J-11	10/17/2012	1	· · · · · · · · · · · · · · · · · · ·	J	11-19		1			1	7		1			1					1							П		i	T
Salt Creek	J-11	10/17/2012		4'3	J	11-23		1	1		1	1	1													1			П		i	1
Salt Creek	J-11	10/17/2012		6'10	J	11-24		1			1		1																		i	\top
Duncan	J-11	10/15/2012		5'2	J 1	11-24 A					1		1												1							T
Salt Creek	J-11	10/17/2012		8'	J	11-26		1					1													1					<u></u>	1
Salt Creek	J-11	10/18/2012	1		J 1	11-26 A		1									1					1				1						
Salt Creek	J-11	10/8/2012		9'10	J	11-30					1		1													1					1	
Salt Creek	J-11	10/18/2012		8'3	1	11-31		1					1																П		i	
Shenandoah	J-11	10/8/2012	1		J	11-34											1					1								-		T
Shenandoah	J-11	10/8/2012		7'7	J	11-35						1	1																			Т
Shenandoah	J-11	10/8/2012		8'2	J	11-36					Т	1	1															1			i T	T
Shenandoah	J-11	10/8/2012		7'4	J	11-38						1	1																			1
Shenandoah	J-11	10/8/2012		5'11	J	11-39						1	1													Ι.						
Shenandoah	J-11	10/8/2012		9'8	J	11-40				, in		1	1																			1
Shenandoah	J-11	10/8/2012		12'1	J	11-43		1					1															T			i	\Box
Shenandoah	J-11	10/8/2012	1		J 1	L1-43 A											1					1				I						T
Shenandoah	J-11	10/8/2012	1		J 1	11-43 B								ALS :			1					1									i	Г
Shenandoah	J-11	10/8/2012	1		J 1	11-43 C											1					1										Γ
Shenandoah	J-11	10/8/2012		8'9	J	11-44						1	1							ì												Π
Shenandoah	J-11	10/8/2012		6'3	J 1	11-44 A						1	1																			
Shenandoah	J-11	10/8/2012		10'6	J	11-45						1		2	1				1						7 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5							
Shenandoah	J-11	10/8/2012	1		J 1	l1-45 A						1]	,			1					1										
Salt Creek	J-11	10/17/2012	1		1	11-46				1				_,]			1															
Shenandoah	J-12	10/8/2012		6'6	1	12-2						1	1	,				3														
Shenandoah	J-12	10/5/2012		8'11	J	12-3								繫		1					1											
Shenandoah	J-12	10/9/2012	1		J	12-4								•			1															
Mountain Cv	J-12	10/4/2012		6'3	J	12-5		1					1																			
Mountain Cv	J-12	10/8/2012	1		1	12-8						1					1					1			1						1	

BENTON UTILITI	1 33 1	ANTIOLE K	LEAIN	LCORD	DAS	SIN 2			41			-	-							· -					<u> </u>		T		_			
								rface	Abo	ve Ma	anho	ole		leed	for R	Repai	<u>- </u>	 	Rep	air R	equir	eme	nt									
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	1	anhole Imber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Shenandoah	J-12	9/20/2012		4'5	J	12-9		1								1				Π			1	Ī				T		T		T
Mountain Cv	J-12	10/8/2012	1		J	12-10						1					1			T		1				1		T	†	1		1
Mountain Cv	J-12	10/8/2012	1		J	12-11											1					1		1		1		1	1	1		1
Wright Ave	J-12	9/20/2012	1	5'1	J	12-12		1					1							1	1			1		1		1	1	1		\top
Shenandoah	J-12	9/20/2012	1	,	J	12-13		1				~					1					1		1		1		1	1	1		†
Shenandoah	J-12	9/20/2012		8'	J	12-14		1					1	,							T			1		1		1	1	1		1
Shenandoah	J-12	9/20/2012		13'2]]	12-15		1					1								†	†		1		1		1	1	1		+
Earle Dr	J-12	9/18/2012		3'7	J	12-28					1		1								1					1		1		1		+
Earle Dr	J-12	9/18/2012		4'2	J	12-30				7	1		1								1			1		1	<u> </u>	1	1	1		1
Earle Dr	J-12	9/18/2012		5'7	1	12-31					1		1								1				1	1	<u> </u>	1	1	†	·	1
Maia Lp	J-12	9/18/2012		6'7	J	12-32			***		1		1							1	T			1	1	+		1	1	1		+
Maia Lp	J-12	9/18/2012		3'7	1	12-33					1		1								1				<u>.</u>	1		1	1	1		1
Earle Dr	J-12	9/18/2012		8'4	J	12-34					1		1									1				1		1	1	†		1
Berwick Rd	J-12	9/18/2012		7'6	J	12-35		1		7			1								1		1			1				1		1
Berwick Rd	J-12	9/18/2012	1		J 1	12-35 A		1									1					1				1	1			1		
Berwick Rd	J-12	9/18/2012		6'2	J	12-37		1					1								1					1			1	1		
Berwick Rd	J-12	9/18/2012	1		J 1	12-37 A											1		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	1				1		1		\top		1
Berwick Rd	J-12	9/18/2012	1		J 1	12-37 B		1	The same								1					1	7. 7.,			T		1	1	1		\top
Berwick Rd	J-12	9/18/2012	1	., ,	J 1	12-37 C											1					1			1	1		1	1			1
Frendall	J-12	9/18/2012		14'2	J	12-40		1					1					1	1. 1. 2. 2. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.						1.	1		1	1	1		
Mesa Bend	J-12	9/20/2012	1		J	12-43											1					1						1		1		1
Mesa Bend	J-12	9/20/2012		6'8	J	12-44		1								1					1			T		1		1		1		
Mesa Bend	J-12	10/4/2012		12'7	J	12-45					1		1													1		1				1
Berwick Rd	J-12	9/18/2012		10'5	J	12-46		1					1								1				1	1		1	1.	1		T
Mesa Bend	J-12	10/4/2012		9'	J	12-48					1		1													1		1				1
Mesa Bend	J-12	10/4/2012		6'11	J 1	12-48 A	,				1		1												· ·					1		1
Sharon Rd	J-12	9/20/2012		6'8	J	12-49		1					1													1						1
Sharon Rd	J-12	9/20/2012		5'10	J 1	12-49 A		1					1											L						1		T
Sharon Rd	J-12	9/20/2012	1	8'	J	12-50						1		4			1					1							I			T
Sharon Rd	J-12	9/20/2012		6'1	J	12-51		1			1		1														X1					T
Sharon Rd	J-12	10/4/2012		10'1	J	12-52		1					1																			
Sharon Rd	J-12	10/4/2012		5'7	J	12-54		1					1																			
Sharon Rd	J-12	10/4/2012		11'6	J	12-55					1		1																			
Berwick Rd	J-12	10/4/2012		7'9	1	12-56		1					1						1	1												
Berwick Rd	J-12	10/4/2012	1	8'11]]	12-57		1					1													1			1	T		1

BENTON UTILITI	C2 22 IA	ANHULE R	CPAIK K	COKD	BASIN											, ,																
						l	Su	rface	Abo	ve M	lanh	ole	1	leed	for R	Repai	r	1	Rep	pair R	equir	reme	nt									
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Manh Numb	ole	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1s1	2nd	Low	No Acces	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Berwick Rd	J-12	10/4/2012		6'4	J 12	-	_				1		1		-		S	1	1 2 3	18	†3-			100	completes	+=	1 10 10 3	1	1 -	屵	<u>u </u>	+
Gage	J-12	10/4/2012		7'9	J 12-		1	 		,	-		1							╂	 	-				1		+	-	\vdash		+
Gage	J-12	10/4/2012		7'6	J 12-		-	 	 		1		1					1		+-	 	-		-		╅	<u> </u>	+	-	\vdash		+-
Gage	J-12	10/4/2012	1	5'7	J 12			 	†		1		1							+	+	-		\vdash		† –		╁		\vdash		+
Gage	J-12	10/4/2012	1		J 12			 	 				-				1			+	 	1	l	 		+-		╁		$\vdash \vdash$		+
Gage	J-12	10/4/2012	1		J 12			 		-				-			1	 		+	+	1		 		╁	 	+		\vdash		╂─┤
Greenfield	J-12	10/4/2012	-	8'	J 12			_	 		1		1				-	 		+-	 	+-				-		╁	-	\vdash	-	╁┈┤
Greenfield	J-12	10/4/2012	1		J 12-0			 			-		*				1	1		+	 	1		╁──		+	<u> </u>	+		$\vdash \vdash$		
Sharon Rd	J-12	10/4/2012	1 -	4'10	J 12			1	-	-			1				-			+	 	+		╁		+-		┼─				+
Greenfield	J-12	10/4/2012		7'2	J 12-0			<u> </u>	1		1		1							+		 				 	 	+	-	$\vdash \vdash$		+
Sharon Rd	J-12	10/4/2012	1	6'1	J 12			1	 		-		1					1		+-	 	 		 		+		+		\vdash		+
Sharon Rd	J-12	10/4/2012		4'7	+	-67		┢	1		1		-		1		 	1	1	+-	1	 		1		-		 		\vdash		+
Sharon Rd	J-12	10/4/2012		8'11	J 12	1 1 1		1	 				1		-		***************************************	1	*	- 				1		1		+	\vdash			
Greenfield	J-12	10/4/2012		7'1		-69		<u> </u>	 		1		1					<u> </u>		-1	-	 		1			<u> </u>	 	 			+
Greenfield	J-12	10/4/2012		7'5	 	-70			 		1		1					1			1			1		1		+	-			+
Greenfield	J-12	10/4/2012	1	8'4	J 12-		******		1		1		1							1	1	<u> </u>		†		+		+	 			+
Greenfield	J-12	10/4/2012	† · · · · · · · ·	8'10	J 12			1	†				1					<u> </u>						1				1	1	H		
Sharon Oaks Ct	J-12	10/4/2012		6'	J 12	-					1		1								1			1		_		†			·	T
Sharon Oaks Ct	J-12	10/4/2012		7'	J 12			1					1								1					1		1-				1
Sharon Oaks Ct	J-12	10/4/2012		6'1	+	-75	1		1				1							+-	1			-	1				<u> </u>	\Box		1
Sharon Oaks Ct	J-12	10/4/2012		5'8	J 12				1		1		1							1	1	1			i	1		†				
Gage	J-12	10/4/2012	1		}	-77		1									1	1						1			1				<u> </u>	†
Gage	J-12	10/4/2012		4'5	1 1	-78					1		1					1		1				1		1				\square		1
Sharon Oaks Ct	J-12	10/4/2012		6'9	J 12				1		1		1							1	1	1	7777	1				1			· · · · · · · · ·	
Sharon Oaks Ct	J-12	10/4/2012		6'1	J 12		,	1					1								1					1	1	1		\Box		
Sharon Oaks Ct	J-12	10/4/2012		5'5	} 	-81					1		1															1				\vdash
Gage	J-12	10/4/2012	1		J 12												1	1		1		1			1	1	<u> </u>	1				
Hidden Valley Cv	K-10	10/29/2012		7'7	K 10						1		1							1	1					1						
Twin Oaks Dr	K-10	10/19/2020		7'	 	5 A					1		1							1	1					1						
Volcanic Dr	K-10	10/24/2012		5'11	K 10				1		1		1	•						1	1			T								
River Point Ct	K-10	10/24/2012		· · · · · · · · · · · · · · · · · · ·		8 A											1	1		1				Т								
Volcanic Dr	K-10	10/24/2012	 	6'6	K 10						1		1					1	-	1					77							
Lyledale Rd	K-10	10/24/2012	·	4'9		10			T	1	1		1							1	1			1		1						\mathbf{H}
Twin Oaks Dr	K-10	10/24/2012	+	9'8	K 10						1		1							\top												\Box
Lyledale Rd	K-10	10/24/2012		5'10		-12					1		1	i				1		1	1				l i	1		\Box				



BENION OTILITI	1	,,			BASIN 2	T	Surf	2CO A	bove	Man	مام	_	Need	d for I	Pons	ir	1	Pon	air D	o qui i	omo			1	1	1					$\overline{}$
							1	-1		iviaili	T	╁	Tiveed	1011	Tepa	T T	+	nep	air R	T	eine	111	T				1		.		1
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	Manhole Number	Concrete Pavement	Aspilait raveillelli	Achhalt Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Lyledale Rd	K-10	10/24/2012			K 10-13		T	Т		1	T	T	†	T		1	T		1		1		I		 	1	Ī				Ħ
Lyledale Rd	K-10	10/24/2012	1		K 10-14		1						1	1		1			1	1	1			1	+				一十		+
Misty Dr	K-10	10/25/2012		4'10	K 10-16					1	1	1	1	1	1	1			t												1
Misty Dr	K-10	10/25/2012		6'	K 10-18		1			1	-	1		1	1	1	1		1	1	t		1		-	 					\dagger
Misty Dr	K-10	10/24/2012		3'4	K 10-20		1			1	1	1		1	1		1		1	1	 		1				<u> </u>	Н	\Box		T
Misty Dr	K-10	10/24/2012		4'11	K 10-22			1				1		1	1		1		1		† ·····		1				 		\Box		T
Misty Dr	K-10	10/25/2012		4'11	K 10-23		1				1	1		1	1		1				t		1				 	┢═┪	\Box		†
Banny Dr	K-10	10/25/2012		4'2	K 10-24					1	1-	1		1	1					1					 -						+
Banny Dr	K-10	10/25/2012		5'5	K 10-25	, , ,				1		1	1								†			,			†				T
Misty Dr	K-10	10/25/2012		8'	K 10-26					1	1	1			-						1				1				一十		T
Misty Dr	K-10	10/25/2012		5	K 10-27		1				1	1	1			T	1							1							T
Volcanic Dr	K-10	10/25/2012		3'2	K 10-29					1	1			1				1									1				T
Volcanic Dr	K-10	10/25/2012		8'11	K 10-30	:	1					1																	\Box	***************************************	T
Volcanic Dr	K-10	10/25/2012		5	K 10-31					1	1	1								1	<u> </u>										T
Volcanic Dr	K-10	10/25/2012		5'7	K 10-32					1	1			1						1			1							***************************************	1
Rock Creek Dr	K-10	10/25/2012		5'	K 10-33					1		1							1												T
Banny Dr	K-10	10/25/2012		5'2	K 10-34					1		1														1			\Box		T
Banny Dr	K-10	10/25/2012		5'8	K 10-35					1		1					1								1						T
Banny Dr	K-10	10/25/2012		5'5	K 10-35	Α					1	1				T															T
Banny Dr	K-10	10/25/2012	1		K 10-36											1				1	1										1
Rock Creek Dr	K-10	10/25/2012		4'2	K 10-37					1		1																		-	T
Volcanic Dr	K-10	10/26/2012		4'9	K 10-38	3				1		1															1			***************************************	T
Volcanic Dr	K-10	10/26/2012		5'6	K 10-39					1		1															1				1
Volcanic Dr	K-10	10/25/2012		4'11	K 10-40					1		1																			
Rock Creek Dr	K-10	10/26/2012		5'6	K 10-41					1	.]	1																			T
Volcanic Dr	K-10	10/25/2012		4'10	K 10-42					1				1				1						1						************	Т
Misty Dr	K-10	10/29/2012		3'9	K 10-42	A				1					1					1											1
Misty Dr	K-10	10/29/2012		3'10	K 10-44										1			1													Г
Misty Dr	K-10	10/29/2012		9'11	K 10-42	В				1		1					-	1								-					T
Chitwood	K-10	10/29/2012	1		K 10-45								,			1					1										Γ
Chitwood	K-10	10/29/2012		6'4	K 10-46						1				1			1													Γ
Chitwood	K-10	10/29/2012		6'7	K 10-47					1		1																			
Misty Dr	K-10	10/29/2012		11'7	K 10-50					1		1																			
Hidden Valley Cv	K-10	10/29/2012	,	8'6	K 10-57					1		1																			Г
Misty Dr	K-10	10/26/2012		4'5	K 10-62					1		1	1																		Г

BENTON UTILITI	L3 33 1V	ANTIOCE		CORD		SIN 2	Su	rface	Abo	ve V	lanh	ole		Veed	for R	Repai	r	<u> </u>	Rep	air R	equir	reme	nt			T	<u> </u>	I				T
]									<u> </u>	 					1			T										ı	
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	1	lanhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Misty Dr	K-10	10/29/2012		4'7	K	10-63	-				V)		1	Ħ			V.		<u> </u>							1		1				Ī
Misty Dr	K-10	10/29/2012		3'9	К	10-64					1		_			1					1		· · · · · · · · · · · · · · · · · · ·		İ							1
Lyledale Rd	K-10	10/26/2012			К	10-65											1					1			·			1				
Misty Cir	K-11	10/18/2012		5'	К	11-4	******	1					1																			1
Misty Cir	K-11	10/24/2012		4'8	К	11-4 A						1				1			1									1			<u> </u>	
Misty Cir	K-11	10/18/2012		5'8	К	11-9	1				,		1							1												
Misty Cir	K-11	10/18/2012		7'5	К	11-9 A					1		1																			
Misty Dr	K-11	10/18/2012		4'7	К	11-10						1	1																			
Misty Dr	K-11	10/18/2012		4'1	К	11-14					1		1												- wie							
Misty Dr	K-11	10/18/2012	1		К	11-14 A											1					1										
Lyledale Rd	K-11	10/18/2012		9'9	К	11-20					1		1																			
Lyledale Rd	K-11	10/18/2012		7'	К	11-20 A	1						1																			
Hwy 5	K-11	10/18/2012		4'6	К	11-22					1		1																			
Jaylin	K-11	10/18/2012	1		К	11-22 A											1					1										
Hwy 5	K-11	10/18/2012		10'	К	11-23					1		1														,					
Hwy 5	K-11	10/18/2012		7'1	К	11-23 A					1		1																			
Lyledale Rd	K-11	10/18/2012		7'10	K	11-23 B		1					1																<u> </u>			
Hwy 5	K-11	10/24/2012	1		K	11-25											1					1							<u> </u>	Ш		
Charles Pl	K-11	10/24/2012	1		K	11-26											1					1										
Charles Pl	K-11	10/24/2012		6'9	K	11-26 A						1	1																	oxdot		
Charles Pl	K-11	10/19/2012		5'3	K	11-27		1					1	<u> </u>											ì					igsqcup		
Beverly Dr	K-11	10/24/2012		8'8	K	11-29					1		1	L	L													<u> </u>				
Beverly Dr	K-11	10/24/2012	1		K	11-29 A								<u> </u>			1					1						<u> </u>				
Beverly Dr	K-11	10/19/2012		5'2	K	11-30		1					1	-														1				
Beverly Dr	K-11	10/19/2012		5'2	K	11-30 A					1		1	-		<u> </u>							<u> </u>					1		igsqcut		┷
Beverly Dr	K-11	10/19/2012		10'1	К	11-31		1					1	<u></u>	1			<u> </u>		_		1						ļ				Д
Jaylin Cv	K-11	10/24/2012			K	11-32				i	<u></u>			1	1		1			_	1_	1				<u> </u>		1	1	igsqcut		
Beverly Dr	K-11	10/19/2012	• • • • • • • • • • • • • • • • • • •	9'3	K	11-33	<u>L</u>	1				1	1		1	1				<u> </u>	ļ		ļ		76			_				
Larsen Pl	K-11	10/24/2012			K	11-34						1_		<u> </u>	1-	1	1	<u> </u>				1	<u> </u>	-		1_		1_	_	igspace		4-
Beverly Dr	K-11	10/19/2012	-	10'11	K	11-35		1				<u> </u>	1	4	<u> </u>			_			1		<u> </u>	-		1	L	1	<u> </u>	igspace		
Larsen Pl	K-11	10/19/2012	1		K	11-36					<u> </u>		_	1			1	<u> </u>			_	1	ļ	1_					1	Ш		┵
Beverly Dr	K-11	10/19/2012			К	11-37						1		25	4	1	1	-		<u> </u>	<u>.</u>	1		1_		4		1_	ļ	$\perp \perp \mid$		1
Larsen Pl	K-11	10/24/2012			K	11-38				<u> </u>	<u> </u>		_	1-	 		1	1-		$oxed{}$	↓	1		↓	<u> </u>	1-		1_	1			
Beverly Dr	K-11	10/24/2012	1		K	11-39											1			$oxed{}$	<u> </u>	1		╄	!			1	<u> </u>	<u> </u>		
Beverly Dr	K-11	10/24/2012	1		K	11-40				1			L		Щ_	<u> </u>	1	<u> </u>]			1	<u> </u>	1	<u> </u>		<u> 1 </u>		1	$oldsymbol{\perp}$		

BENTON UTILITI	F2 22 IA	ANHULE R	EPAIK KI	CORD	BASIN 2												,														_
						Sı	urfac	e Abo	ove N	lanh	ole		Need	for F	Repai	<u>- </u>	L.,	Repa	air Re	equir	eme	nt							. 1	ı	
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Том	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Larsen Pl	K-11	10/24/2011	1		K 11-41	T	1	T	1				T			1					1		Ī								
Jaylin Cv	K-11	10/24/2012			K 11-42	1	1	T	1		1			1		1				1	1				1		1				1
Jaylin Cv	K-11	10/24/2012			K 11-42	1	1	1-	1				 	1		1			 	1	1		1		1		t			[
Jaylin Cv	K-11	10/24/2012			K 11-43		1	T	1				1			1					1		1								1
Hwy 5	K-11	10/24/2012			K 11-44	1	1	T	1							1					1									ſ	
Hwy 5	K-11	10/18/2012	 		K 11-45	1	1	1	1							1					1				1						
Hwy 5	K-11	10/18/2012		7'10	K 11-46 A		1	†	1	1	1	1		1			1		-						1		1		\Box		
Misty Cir	K-11	10/24/2012	, 	3'7	K 11-48	1	1		†		1	1	-	1						1											1
Cotswald	K-11	10/18/2012		13'11	K 11-52	1	1								1			1	1				1								
Cotswald	K-11	10/18/2012		10'5	K 11-53	1			1	1	1	1										Ì			1						
Sharon Rd	K-12	10/4/2012		12'8	K 12-4		1		1			1	+										1	1	1						
Sharon Rd	K-12	10/4/2012		6'2	K 12-12		1					1								Π					1						
Sharon Rd	K-12	10/4/2012		9'4	K 12-13	1	1		1			1		1						1					1		1		\Box		
Elaine	K-12	10/5/2012		7'10	K 12-20		1					1																			
Elaine	K-12	10/5/2012		5'11	K 12-21		1		1			1		1						1	1										
Elaine	K-12	10/5/2012		11'6	K 12-22		1					1																			
Elaine	K-12	10/5/2012	1		K 12-23											1					1			Printed and							T
Sharon Rd	K-12	10/5/2012		5'1	K 12-24					1		1																			\Box
Sharon Rd	K-12	10/5/2012		10'4	K 12-25					1		1																			
Sharon Rd	K-12	10/5/2012		16'8	K 12-26					1		1																			
Sharon Rd	K-12	10/5/2012	1	6'	K 12-27					1						1					1										
Sharon Rd	K-12	10/5/2012	1		K 12-28											1					1										
Mountain Cv	K-12	10/8/2012		8'6	K 12-29					, market	1	1																			
Mountain Cv	K-12	10/8/2012		14'9	K 12-30						1	1																			
Mountain Cv	K-12	10/8/2012	1		K 12-31						1					1					1	<u> </u>									
Elaine	K-12	10/5/2012		14'	K 12-32					1		1			ŀ														oxdot		
Mountain Cv	K-12	10/5/2012		7'11	K 12-33						1			1								1							Ш		
Mountain Cv	K-12	10/4/2012		7'10	K 12-33 A					1		1	1_																		
Mountain Cv	K-12	10/5/2012		9'11	K 12-33 B					1		1																	\square		1_
Wright Ave	K-12	9/20/2012		9'1	K 12-34		1					1									<u> </u>	<u></u>	1				_		igsqcut		
Misty	L-10	10/30/2012		6'1	L 10-1					1		1	+									<u> </u>	_								4
Misty	L-10	10/30/2012		6'1	L 10-1 A				_	1		1		1					ļ	_	_	<u> </u>	1_		\bot	ļ			<u> </u>		1
April Sound	L-10	10/30/2012		5'4	L 10-2					1	_	1	+	1	1			1			_	<u> </u>	1					1	 		
April Sound	L-10	10/30/2012		6'2	L 10-3	1_			1_	1	_	1		-	1	_	1			_	<u> </u>	<u> </u>	—				L	_	\sqcup		╀
April Sound	L-10	10/30/2012		5'6	L 10-5	1	1		1		1	1	!		1			1			<u> </u>	<u> </u>				<u> </u>	1	1			1_

BENTON UTILITI	F2 22 IA	IANHOLE R	EPAIK R	ECORD	BASIN 2																										
							Surfac	e Ab	ove N	/lanh	ole		Need	for F	Repai	r		Rep	air R	equir	eme	nt									
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	Manhole Number	Concrete Pavement		Sidewalk Pavement	Grave	Grass	Wood	None	1și	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
April Sound	L-10	10/30/2012		4'7	L 10-6	十	1		1=	T	T	1	Ħ			<u> </u>		<u> </u>	1		i				 		1	Ī			Ŧ
April Sound	L-10	10/30/2012		5'1	L 10-7	1	-			1		1							1	1								 	t		+
Scandi	L-10	10/30/2012		4'9	L 10-8		1	+				1	1						†			····					T	1		[+
Rock Creek Dr	L-10	10/30/2012	1	4'9	L 10-10	1				1		1	\vdash						1						1	<u> </u>	1	†		<u> </u>	
Rock Creek Dr	L-10	10/29/2012		4'5	L 10-11	+		1		1		1	1						†						1		1	1	Ħ		+
Scandi	L-10	10/30/2012		4'	L 10-11 A		1	1	+	1		1	1	1					† ·								1			Ī	_
Scandi	L-10	10/30/2012		3'9	L 10-11		_	+	1	1		┪		1					1				1		1		1				+
Hidden Valley	L-10	10/30/2012		5'6	L 10-14				1	1		1	†	 			i i		+	+	1						1			ſ	1
Rock Creek Dr	L-10	10/29/2012		3'3	L 10-16			1		1		1	-	t					1						1	<u> </u>	†	1			+
Rock Creek Dr	L-10	10/29/2012		7'2	L 10-17	1		1	1	1		1	-		1		1		†	1					1						1
Rock Creek Dr	L-10	10/30/2012		3'5	L 10-18	1		1	1	1	1	1								1				į.	†	 	1			<u> </u>	+
Rock Creek Dr	L-10	10/30/2012	1		L 10-19	\top		1		1		1				1	1		1	1		·····			1		<u>† </u>	1			1
Rock Creek Dr	L-10	10/30/2012		5'7	L 10-20	1		1	1	1	1	1		1				100 11 11 11 11 11 11 11 11 11 11 11	1				<u>† </u>		1		1				1
Rock Creek Dr	L-10	10/30/2012	1		L 10-23	1		1	1	1	1					1				1	1				1		1	1			1
Rock Creek Dr	L-10	10/30/2012		7'7	L 10-24					1		-		1				1	1				1		1		1				1
Hidden Valley	L-10	10/30/2012		7'10	L 10-25			ai, ai			1	1																			1
Hidden Valley	L-10	10/30/2012		4'6	L 10-25	1					1			1				·····					1	-	1						
	L-10	10/29/2012		9'5	L 10-28					1		1							1												1
Banny Dr	L-10	10/29/2012	1		L 10-28	1						1				1			1		1			i.							1
Banny Dr	L-10	10/29/2012	1		L 10-28 I	3	1	1	1		1					1					1				1					[1
Thomas Pasture	L-10	10/29/2012		9'8	L 10-29					1		1															1			ſ	1
Thomas Pasture	L-10	10/29/2012		9'11	L 10-30					1		1							1									1		<u> </u>	
Thomas Pasture	L-10	10/29/2012		9'11	L 10-31					1		1					1														1
Thomas Pasture	L-10	10/29/2012		9'7	L 10-32					1		1																			1
Thomas Pasture	L-10	10/29/2012		10'	L 10-37							1																			
Thomas Pasture	L-10	10/29/2012		9'5	L 10-38					1		1																			1
Thomas Pasture	L-10	10/29/2012		3'9	L 10-39					1		1																			I
Thomas Pasture	L-10	10/29/2012	1		L 10-54											1					1										
Rock Creek Dr	L-10	10/30/2012	1		L 10-55											1	Ŀ				1									<u> </u>	
Rock Creek Dr	L-10	10/30/2012	1		L 10-56											1					1			*							
Rock Creek Dr	L-10	10/30/2012		3'4	L 10-57						1	1																			
Rock Creek Dr	L-10	10/30/2012		6'3	L 10-58					1		1																			
Rock Creek Dr	L-10	10/30/2012	1		L 10-59											1					1										
Rock Creek Dr	L-10	10/30/2012		6'4	L 10-60					1		1	1947																		
Rock Creek Dr	L-10	10/30/2012		8'1	L 10-62					1		1																			

BENTON OTILITI	T T	T			BASIR	1	Su	rface	Abo	νο N/I	anh	ماد		Veed	for E	20nai			Pan	ois D							1		,			
						-		ace		VO IVI	anni	عاد		veed	101 1	reha	1	 	кер	air K	equir T	eme	rit I	1								
STREET ADDRESS	Grid No.			Depth	Manl Num	hole ber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	1 ()	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
April Sound	L-10	10/30/2012	1		L 10	0-64											1					1				1		T				Ť
Rock Creek Dr	L-10	10/30/2012		8'5	L 10	0-65					1		1													1		1	 			+
Rock Creek Dr	L-10	10/30/2012		4'6	L 10	0-66					1		1													†		1				+
	L-10	10/29/2012		11'7	L 10	0-67					1		1																†			╁┈
Thomas Pasture	L-10	10/29/2012		11'10	L 10	0-68					1		1								<u> </u>					+-	-		1			+
Thomas Pasture	L-10	10/29/2012		10'	L 10	0-69					1		1					1	1		1					1		 		\vdash		十
Thomas Pasture	L-10	10/29/2012		9'6	L 10	0-70					1		1														 					+-
Thomas Pasture	L-10	10/29/2012		9'7	L 10	0-71					1		1					1		 	1					+	 	 	1			+
April Sound	L-10	10/30/2012		6'5	L 10	0-72					1		1							<u> </u>	1				1	1		1				+
April Sound	L-10	10/30/2012		8'4	L 10	0-73					1		1							1						+		 				+
Miller Cv	L-11	10/25/2012		5'8	L 1	11-2					1		1													1-						╁
Miller Cv	L-11	10/25/2012		11'10	L 1	1-3					1		1														 	┢	1			+-
Miller Cv	L-11	10/25/2012		7'6	L 1	1-4				- 11	1		1							1								1	 			+
Miller Cv	L-11	10/25/2012	1		L 1	1-5											1				1	1	·					1	 			+-
Miller Cv	L-11	10/25/2012	1		L 1	1-6	,										1					1				+-		\vdash				╁╌
Miller Cv	L-11	10/25/2012		5'8	L 1	1-8				1		1	1													†		1				+
Miller Cv	L-11	10/25/2012		8'6	L 11	1-8 A				1	1				1				1	1		1				 	· · · · · · · · · · · · · · · · · · ·	-	 			╁
Miller Cv	L-11	10/25/2012	1		L 1	1-9											1					1						1				╁
Miller Cv	L-11	10/25/2012	1		L 13	1-10											1					1			i	1			f			╁
Miller Cv	L-11	10/25/2012		14'5	L 1	1-11		1					1													_		-				╁┈
Miller Cv	L-11	10/25/2012	1		L 11	1-13											1			1		1				+		1				+-
Miller Cv	L-11	10/25/2012		5'3	L 11	1-14					1		1											Н		1		1	\vdash			
Miller Cv	L-11	10/25/2012	1		L 11	1-15				1							1					1				+-		 	\vdash	-		+-
Miller Cv	L-11	10/25/2012	1		L 11	1-16											1					1		\vdash	1			1			•	+
Miller Cv	L-11	10/25/2012		5'6	L 11	1-17					1		1												1	1		-				+
Miller Cv	L-11	10/25/2012		5'7	L 11	1-18					1		1										-			1						+
Miller Cv	L-11	10/25/2012		6'3	L 11	1-19					1		1										-			1			\vdash		· · · · · · · · · · · · · · · · · · ·	╁
Miller Cv	L-11	10/25/2012		4'10	L 11	1-20					1		1													1-		ļ			· · · · · · · · · · · · · · · · · · ·	+-
Miller Cv	L-11	10/25/2012		5'11		1-21					1		1													1						1
Miller Cv	L-11	10/25/2012	1	_		1-22	- 1								-		1					1				1		 		\dashv		+-
Miller Cv	L-11	10/25/2012		3'7		1-23					1		1									-				1			╁╶┤	\dashv		+-
Greenhill	L-11	10/25/2012		6'3		1-24		1		1			1													+						+-
Greenhill	L-11	10/25/2012		5'10		1-25		1		1		- 1	1								$\vdash \vdash$								 		· · · · · · · · · · · · · · · · · · ·	1
Greenhill	L-11	10/24/2012		5'		1-26		1		\dashv			1								1 1					+	*************************************			\dashv		+-
Greenhill	L-11	10/25/2012		10'		1-27		1	1	1			1				\vdash									+-			 	\dashv		1-

BENTON UTILITI	C2 22 IAI	ANHULE K	CPAIK KI	CUKU	BASIN 2																				7	<u> </u>	_	· · · · ·			
						Ls	urfac	e Ab	ove N	<u> //anh</u>	ole		Need	for I	Repa	ir		Rep	air R	equir	eme	nt					ļ			1	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Manhole Number	Concrete Pavement		Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Greenhill	L-11	10/25/2012		5'8	L 11-28	T	1	1		T		1	T	Ī			1			1							1				
Sherris	L-11	10/25/2012			L 11-29	1		1	1	1	1		1		1	1	1		1		1				1						
Sherris	L-11	10/25/2012		2'10	L 11-29 A	1	1			1	1	1	1	1			1			1				1							
Sherris	L-11	10/25/2012		4'8	L 11-30	1	1	1	1		1	1			T^-																
Sherris	L-11	10/25/2012		6'9	L 11-31	1	1	1	1	1	1	1		1						1							T				
Sherris	L-11	10/25/2012		9'1	L 11-32	╅	1	T		1		1							Ī	i -	i				T		i i	i	m		一
Sherris	L-11	10/25/2012		6'1	L 11-32 A	1	1	T		╅		1		1		1	1		1	1	 				1				Н		_
Sherris	L-11	10/25/2012		8'4	L 11-33	1	1		1	1	1	1	-	1					1	†	1				1		1	1			\top
Dogwood	L-11	10/25/2012		5'11	L 11-34	-	1	1		1		1		1	1		1		1	†		***************************************			1		1	1			1
Dogwood	L-11	10/25/2012		6'10	L 11-35	1	1	1		1		1	-	1	1		1		1	 	1	,			1		1				
Greenhill	L-11	10/25/2012			L 11-37	1	+		 	4	1		1	1	1	1	1		1		1				1	1	T	1			
Greenhill	L-11	10/25/2012		6'8	L 11-38	1	1	1	1	1	1	1		1	1		1		1					Ì	1						\top
Thomas Pasture	M-9	10/29/2012		24"	M 9-1	1		1	1	1	1	1	+			1	1									1					
Thomas Pasture	M-9	10/29/2012		24"	M 9-2	1		1	1	1	1	1													1		1	1 "			1
Thomas Pasture	M-9	10/29/2012		10'	M 9-3					1	1	1		1		T	1							+							\neg
Thomas Pasture	M-9	10/29/2012		9'11	M 9-4					1		1												Ĉ.							
Thomas Pasture	M-9	10/29/2012		9'8	M 9-5					1		1			T									ที่ ที							
Thomas Pasture	M-10	11/1/2012		10'2	M 10-1					1		1												ľ							
Thomas Pasture	M-10	11/1/2012		10'1	M 10-1 A				i	1		1																			
Thomas Pasture	M-10	11/1/2012		9'7	M 10-1 B					1		1																			
Downing	M-10	11/1/2012	1		M 10-2								:			1					1										
Downing	M-10	11/1/2012		8'3	M 10-3					1		1												1							
Downing	M-10	11/1/2012	1		M 10-4					1						1					1										
Nottingham	M-10	10/30/2012		8'2	M 10-7					1		1																			
Downing	M-10	11/1/2012		3'6	M 10-8						1	1			1																
Downing	M-10	11/1/2012	1		M 10-8 A			1					1			1					1		<u> </u>				1				
Cambridge Cir	M-10	10/31/2012	1		M 10-9										1	1					1										
Cambridge Cir	M-10	10/31/2012		5'3	M 10-10					1	1	1																			
Cambridge Cir	M-10	10/31/2012	1		M 10-11						<u> </u>		<u> </u>	1_		1					1							 	 		4
Cambridge Cir	M-10	10/31/2012		10'1	M 10-12					1		1			1								<u> </u>							<u></u>	4
Cambridge Cir	M-10	10/31/2012	1		M 10-13									1_		1			_		1								_	<u> </u>	
Cambridge Cir	M-10	10/31/2012		5'5	M 10-14					1		1		1	ļ				<u> </u>			<u> </u>	<u> </u>					1	 		
Cambridge Ct	M-10	10/31/2012	1	5'7	M 10-15					1		1	_	4_							1	<u> </u>	1					<u> </u>			
Cambridge Ct	M-10	10/31/2012		7'8	M 10-16					1		1	1_		<u> </u>		1	***	<u> </u>	<u> </u>		ļ <u> </u>	<u> </u>			<u></u>		1			
Cambridge Ct	M-10	10/31/2012	1		M 10-17				1			1_				1					1	<u> </u>	1			<u> </u>	1	1		<u></u>	

BENTON UTILITI	F2 22 M	IANHOLE R	EPAIR R	LCORD	BA	ASIN 2																										
							Su	rface	Abo	ve M	anho	ole		Veed	for F	Repai	r		Rep	air R	equir	eme	nt									
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth		Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim ou Extension	Cementious Lining	Date Repair Completed		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	
Cambridge Cir	M-10	10/31/2012		8'2	М	10-18					1		1				<u> </u>							T		†=		<u> </u>	 			╅
Cambridge	M-10	10/31/2012		5'2	М	10-19					1		1							1						1			1-	┢═		+
Downing	M-10	11/1/2012	1		М	10-20					1						1			<u> </u>		1	 -	†		—		 	1	H	 	
Cambridge Cir	M-10	10/31/2012		7'1	М	10-21	,					1	1							 		_		 		_		1	 	\vdash	-	+
Cambridge	M-10	11/1/2012	1	•	м	10-21 A						1					1			 		1		1		+-			1	\vdash	 	+-
Cambridge	M-10	10/31/2012		6'	М	10-23						1	1							t				1					 	Н	l	\top
Cambridge	M-10	10/31/2012		5'6	М	10-23 A						1	1											†		1	 	<u> </u>	1	\vdash	 	+
Cambridge	M-10	10/31/2012		6'3	М	10-24					1		1														 		T	T	 	\top
Charlsea	M-10	10/31/2012		7'2	М	10-25						1	1											1		1			1			+-
Charlsea	M-10	10/31/2012		5'11	М	10-26					1		1						7 W 1. 1011 B 1.4 - W							1-						+-
Charlsea	M-10	10/31/2012		5'5	М	10-37						1	1							1				†		1		†	1			\top
English Oaks Dr	M-10	10/30/2012	1		М	10-38											1					1				1		1		\vdash	1	\top
Charlsea	M-10	10/31/2012		5'4	М	10-39					1				1								1	1		1			†			\top
English Oaks Dr	M-10	10/30/2012		7'6	М	10-40				1000		1	1											1				1	1-			1
Charlsea	M-10	10/31/2012	1		М	10-41											1		······································			1									<u> </u>	1
Windsor Cv	M-10	10/31/2012		4'9	М	10-42	1						1																1			
Windsor Cv	M-10	10/31/2012	,,,,	4'11	М	10-43						1	1																	П		1
English Oaks Dr	M-10	10/31/2012		4'9	М	10-44						1				1						1			ŀ	1			Ī			1
English Oaks Dr	M-10	10/31/2012	1		М	10-45						1					1		7,000			1										
English Oaks Dr	M-10	10/31/2012	1		М	10-45 A											1					1										
English Oaks Dr	M-10	10/31/2012	1		М	10-45 B											1					1				1		1				
English Oaks Dr	M-10	10/31/2012		7'7	М	10-45 C						1	1	-																		
English Oaks Dr	M-10	10/30/2012		9'	М	10-46					1		1																			
English Oaks Dr	M-10	10/30/2012	1		М	10-47											1					1										
English Oaks Dr	M-10	10/30/2012		7'8	М	10-48				1	1	<u> </u>	1			 	-			1				1				Γ.	1			\top
Buckingham Cv	M-10	10/31/2012		6'4	М	10-49						1	1							 				1	1.	+	†					\top
J W Cove	M-10	10/30/2012		8'4	М	10-50				7	1		1							 	-				 	\top		1	 			十
J W Cove	M-10	10/30/2012		8'7	М	10-51					1		1	. ,					·	1	-					-	 					1
Heights	M-10	10/30/2012		5'4	М	10-52		1		1			1	_					-				······································		 	1	1		1	\vdash	 	十
McCurdy	M-10	10/30/2012			М	10-53	1	1				<u> </u>		1			1					1					1		1			1
McCurdy	M-10	10/30/2012		8'8	М	10-54					1		1								1			1	ì	+	† — — —		1			1
English Oaks Dr	M-10	10/31/2012			М	10-56				4		1	<u> </u>				1			-	1	1				1			1			1
Buckingham Cv	M-10	10/31/2012		5'4	М	10-57					1		1												Ì	1				\vdash		1
Buckingham Cv	M-10	10/31/2012		5'4	М	10-58				1	1		1							†						1		1	1			+

BENTON UTILIT	1				T	ASIN 2	Si	ırfacı	Δh	ove N	/lanh	nole	Т	Nec	d for	Rena	ir		Ren	air D	equir	romo	nt				T	T	1			
								Tace	1	Jven	, iaiii	T	╂	T	1	T	T	+-	кер	an K	equil	eme	111	1					1		1	
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth		Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Buckingham Cv	M-10	10/31/2012	· · · · · · · · · · · · · · · · · · ·	5'7	М	10-59		Ī	T	Î	1		1		17		T	1	1		1			T				T	╅	H		+=
Churchill Dr	M-10	10/30/2012		4'5	М	10-60		1		1			1		1	1	1	1	1	 	1		· · · · · · · · · · · · · · · · · · ·		1	1		 	1	H		+-
Churchill Dr	M-10	10/30/2012			М	10-61				1				+			1				†	1				 		 	 			+
Churchill Dr	M-10	10/30/2012		5'1	м	10-62		1	-		1		1	1	1	1	╁	1-		 	1	<u> </u>	· · · · · · · · · · · · · · · · · · ·	-	İ	╁	, , , , , , , , , , , , , , , , , , , ,	†				+
Churchill Dr	M-10	10/30/2012	1 1	6'6	м	10-63			1	1	1		1				1	1-								+		 		 		+
Buckingham Cv	M-10	10/31/2012		5'11	м	10-64		1		1			1				1	1	1			†		†	i i	+		1	 			+
Churchill Dr	M-10	10/31/2012		6'	М	10-64 A	1	1	1		 	1	1	-	1	1	1	1	†			T	 	1		+		 	<u> </u>		·	+-
McCurdy	M-10	10/31/2012		11'10	М	10-65	t			1		1	1		1	1	1	1		<u> </u>	1	†							 	\vdash		+
Kenwood Rd	M-10	10/31/2012		·	м	10-66			1	1 -				1		-	1	1	 	1	1	1				+		 		H		+-
McCurdy	M-10	10/30/2012		11'	М	10-67				1	1		1		1	1	1	1	 	 	1					 			ļ			+-
McCurdy	M-10	10/30/2012		5'10	М	10-67 A	1			1	1	1	1		1	1-	1	1								†		1	†			+
Windsor Cv	M-10	10/31/2012		6'2	М	10-68					1		1		1	1	1	1	·	<u> </u>		1						† —				+-
Charlsea	M-10	10/31/2012		5'11	М	10-69	1		1		T		1	_	1		1	1			1	1	·- ·- ·- ·-			1			-			+
Charlsea	M-10	10/31/2012		5'2	М	10-70			1		1		1				1									1		†				+
Cambridge	M-10	10/30/2012		5'10	М	10-71					1		1		1-	1	1	1		1		t —				†			<u> </u>			+
Cambridge	M-10	10/31/2012		5'3	М	10-72	1						1					1		<u> </u>	1	1				1			 			+
Cambridge	M-10	10/30/2012		5'4	М	10-72 A					1		1					1							Ţ	1	:	1	1			1
Churchill Dr	M-10	10/30/2012	1	······································	М	10-73								1			1	1				1				1			†			
Churchill Dr	M-10	10/30/2012		4'11	М	10-74		1			1		1													1		1		\Box		+
Cambridge	M-10	10/30/2012		7'6	М	10-75					1		1				1									1						1
Cambridge	M-10	10/30/2012	1		М	10-76											1												1			1
Kenwood Rd	M-10	10/30/2012		7'4	М	10-78		1					1											, i		1						1
Kenwood Rd	M-10	10/30/2012		6'7	М	10-79		1					1				1															1
Kenwood Rd	M-10	10/30/2012		12'	М	10-80					1		1													1						
Kenwood Rd	M-10	10/30/2012		6'	М	10-81		1				1			1								1	1		1						1
McCurdy	M-10	10/30/2012		5'3	М	10-82		1					1					1														1
Kenwood Rd	M-10	10/30/2012		7'7	М	10-84		1					1	1				1														1
Cambridge	M-10	10/30/2012		6'9	М	10-85					1		1					1							1.							
Cambridge	M-10	10/30/2012	1		М	10-85 A									3		1					1										1
Cambridge	M-10	10/30/2012		3'9	М	10-86					1		1																			
Nottingham	M-10	10/31/2012		6'2	М	10-87					1		1																			
Nottingham	M-10	10/31/2012		6'10	М	10-88					1		1					1														1
Nottingham	M-10	10/30/2012	1		М	10-88 A					1						1					1										
J W Cove	M-10	10/30/2012		3'9	М	10-90					1		1													1						1
English Oaks Dr	M-10	10/30/2012		8'7	М	10-91					1	T	1													1						1

							Su	ırface	Abo	ve M	anho	ole	N	leed 1	for R	epair			Rep	oair R	equir	eme	nt										
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	1	Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd		No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete	1 1 9	bedi	h and Tra aired or	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Heights	M-10	10/30/2012	1		М	10-92											1			T	Ī	1											
Heights	M-10	10/30/2012		6'11	М	10-93					1		1																				
Heights	M-10	10/30/2012		6'11	М	10-94					1		1																				
Heights	M-10	10/30/2012		5'3	М	10-95			1 1000 1 141	*	1		1			. E			44.7								4			15%		* 1	1. 5
Heights	M-10	10/30/2012		7'8	М	10-96					1		1																				
Thomas Pasture	N-9	10/29/2012		24"	N	9-23					1		1							-													
Totals			116	14 (1.4 0 4 (2.4 0 4 (2.4 0)			12	96	9	0	221	57	351	01	14	14	###	0	10	4	6	112	6	7		1	0	0	0	0	0	0	0

Total No. Manholes 495

					-			Su	ırfac	e Abo	ve N	lanho	le	N	Need 1	for R	epair	_		F	Repai	ir Requir	emer	nt					Re				Ex	Π
STREET ADDRESS	Grid No.	Date Visually Inspected		Type of pipe	Depth	Lea	k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Ro	pair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Glenda Lane	H-14	8/28/2012		pvc	6'11"	Н	14-1	1	1	Ī				1							Ť									Ħ		= †		〒
Congo Rd	H-14	6/6/2013		pvc	6'5"	Н	14-18			1		1		1							1	 	 		-			 		 	 			+
Congo Rd	H-14	8/28/2012		pvc	6'3"	Н	14-19	t		1	1	1					1				1	1	!							┼─				+
Troy	I-13	9/6/2012		pvc	5'7"	ı	13-1	1	1	1				1						,	1	 	-				 	1		\vdash				+
Troy	I-13	9/6/2012		pvc	10'11"		13-2	1	1					1							1	†	1				1	 		1				1
Troy	I-13	9/6/2012		рус	15'11"	_	13-3	1	1	1				_			1				1	-	1		1		-	-		 	 			+
Troy	I-13	9/6/2012	<u> </u>	pvc	6'3"	1	13-4	1	1	1		\vdash		1			┪				1	1	Ť	 	1	 		-		1				+
Troy	I-13	9/6/2012		pvc	6'10"	П	13-5	1	1	1			_	1							1	1	<u> </u>	 		,,.,		 		 				+
Troy	l-13	6/6/2013		pvc	7'4"	1	13-6					1					1				1	1	1			06/06	/13			 		1		+
Copper Creek	I-13	9/10/2012		рус	6'10"	ı	13-7	1		†				1				·····			1			 	1		1	-		 	t	$\overline{}$		t
Copper Creek	I-13	6/6/2013		pvc	6'4"	1	13-8	-		1		1	-	1							1-	†	 				1	 		 		\dashv		+
Troy	I-13	9/6/2012	. 1,01 (1,1111)	pvc	4'1"		13-9			1		1		1						····	1	†		 		·	<u> </u>	 		 	†			十
Troy	I-13	9/6/2012		pvc	6'3"	T	13-10	1	1	1				1						\		 			1		1							+
Troy	I-13	9/6/2012		pvc	3'7"	1	13-11	T		1	1	1		1							†	1						\vdash		 	1	一		+
Copper Creek	I-13	9/10/2012		pvc	7'3"	ı	13-12	1	1	1				1			-				1		1	<u> </u>		······································	1	1	<u> </u>	 				+
Copper Creek	I-13	9/10/2012		pvc	6'10"	T	13-12 A					1		1							1		 								1			\vdash
Copper Creek	I-13	9/10/2012	1			T	13-12 B		1	1		1						1			1		1			· · · · · · · · · · · · · · · · · · ·		 						+
Summerwood Apt	I-13	9/10/2012		pvc	5'9"	T	13-14		1			1	572			1				1	1		1					1		†		一十		+
Summerwood Apt	I-13	9/10/2012		pvc	8'3"	1	13-14 A		1	1		1		1							1		1				İ	1						T
Summerwood Apt	I-13	9/10/2012		pvc	3'3"	T	13-14 B		t	1		1		1						· · · · · · · · · · · · · · · · · · ·	1		1		1	* 1	T	†			1			\top
Summerwood Apt	I-13	9/10/2012		pvc	3'11"	T	13-14 C		T			1		1									1					1						T
Orleans Ct	I-13	9/10/2012		pvc	4'12"	Т	13-16	1		T	1	1		1							1	1	†				1	T		†	1			十
Orleans Ct	I-13	9/10/2012		pvc	4'7"	T	13-21	1	1					1		:							T			,	,	\vdash						†
Copper Creek	I-13	9/10/2012		рус	6'1"	T	13-22			T		1		1													1							1
Congo Rd	I-13	9/10/2012		pvc	8'9"	I	13-24			1		1		1						· · · · · · · · · · · · · · · · · · ·	1											_	-	1
Congo Rd	I-13	9/10/2012	1			1	13-24 A							-				1					1			· · · · · · · · · · · · · · · · · · ·	1							1
Congo Rd	I-13	9/10/2012	1			1	13-25											1		<u> </u>			1				1.						,	T
Troy	I-13	8/28/2012		pvc	4'9"	1	13-26					1		1							1						Ī							T
Troy	I-13	4/11/2013		pvc	6'	1	13-27		,	1		1		1						· · · · · · · · · · · · · · · · · · ·							İ							1
Troy	I-13	4/11/2013		pvc	7'	1	13-28		1	T				1																				T
Troy	I-13	8/28/2012		pvc	5'3"	Ι	13-29		1	-				1					1		1													1
Troy	I-13	8/28/2012	1			1	13-30			T								1				1	1								1			1
Leawood	I-13	8/28/2012	1			1	13-31	Ī		1		1						1					1										····	T
Leawood	I-13	8/28/2012		pvc	5'6"	1	13-32	1	Ť			1		1																	1			T
Leawood	I-13	8/28/2012		pvc	6'6"	ī	13-33	T	1	1	1			1							1			†			1				t			t

								Su	rface	Abo	ove N	lanho	ole	Ī	Need	for F	Repai				Repai	ir Requ	ireme	nt				Re				Œ	Г
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth	Lea	k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Гом	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab		Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Leawood	I-13	8/28/2012	1			T	13-34											1			T		1	T	T		1						Ħ
Pinecroft DR	I-13	3/2/2012	1			1	13-35											1					1	1	1				 		-		\vdash
Pinecroft DR	I-13	3/2/2012		pvc	8'7"	ï	13-36		1								1				1	1		1	1		†		<u> </u>		_		\dagger
Pinecroft DR	I-13	3/2/2012		pvc	4'5"	I	13-37		1			1		1										1	1		 		 		-		\vdash
Pinecroft DR	I-13	3/2/2012		pvc	4'7"	1	13-38		1			1		1							1		-	†	 		†		-				\vdash
Leawood	I-13	8/28/2012		pvc	10'8"	ı	13-39		1					1	\vdash						1		+		1				<u> </u>				┢
Leawood	I-13	8/28/2012		pvc	17'4"	T	13-39 A		1	1				1						•	1		1	†	†		†		\vdash				+
Stockton	I-14	8/28/2012		Clay	5'1	ī	14-1					1	7	1							1				1-		 				\dashv		\vdash
Stockton	I-14	8/28/2012		Clay	5'2"	1	14-1 A		1			1		1	\Box						1	<u> </u>	1	 	1	5	1		 				+
Stockton	I-14	8/28/2012		Clay	10'8"	T	14-2			1		1		1	\vdash			11111			1			†	1		 	<u> </u>	 		\dashv		H
Stockton	I-14	8/28/2012		Clay	6'3"	1	14-2 A					1		1							1-		+	-	1		╁		 				\vdash
Troy	I-14	3/2/2012		pvc	6'5"	ī	14-3						1	1							1		1		1		 		1		-		┝
Troy cir	I-14	3/2/2012		pvc	6'3"	1	14-4		1	1						1				1	†		+		 		-	<u> </u>	\vdash				┢
Troy cir	I-14	3/2/2012	1			T	14-5			1			211 19			_		1			1		+		+		 	.	╁				┢
Troy cir	I-14	3/2/2012		pvc	5'2"	1	14-6		1.27			1		1							1-		1		1		1		╁─╴			-	┢
Troy cir	I-14	3/2/2012		pvc	5'4"	T	14-7		1						1						1	1		†	1		 		 				\vdash
Troy cir	I-14	3/2/2012		pvc	9'	Ti	14-8		1						H		1				1		_	1 1	1		 		1				┢
Pinecroft Dr	I-14	3/2/2012	-	pvc	6'5"	T	14-13		1	<u> </u>				1							1		1		+				 				┢
Pinecroft Dr	I-14	3/2/2012	1			Ti	14-14		1	1								1			1-	†	1		1	<u> </u>						*****	⊢
Congo	I-14	6/6/2013		pvc	5'	T	14-27 A		 			1		1						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1		╅		1		 	<u> </u>	-				┢
Shenandoah	J-12	9/18/2012		clay	8'11	1	12-17		1					, , , ,			1			 , 	1		1		1				1		\dashv		┢
Frendall	J-12	9/11/2012		pvc	17'9		12-18		1	1	1			1			- 1				+		1-		1-						-		\vdash
Frendall	J-12	9/11/2012	1	F		1	12-19		1	1	1							1					1		1		\vdash		 		-		┢
Whittenburg cv	J-12	9/11/2012		pvc	9'6"	ij	12-20	1						1				-			1		+-	†	1				-				\vdash
Frendall	J-12	9/11/2012		pvc	9'9"	1	12-21	T -	1	-				1							-	1	+		1	1					\dashv	- 	\vdash
Whittenburg cv	J-12	9/11/2012		pvc	10'1"	ij	12-22		Ť	1		1	#, ¹ *** * *	1							+				1-		 	 					
Whittenburg cv	J-12	9/11/2012	<u> </u>	pvc	6'6"	J	12-23		1			1		1		-				•	1	1	1		1-		 						-
Frendall	J-12	9/11/2012		pvc	5'5"]	12-25		1		1		1	1		\vdash	1				1		+				 	 			-+	·	-
Frendall	J-12	9/11/2012	. 1		<u> </u>	J	12-26		Ť						1		-	1				 	1		1		 						
Earle Dr	J-12	9/11/2012		pvc	6'10"	1	12-27		 	1		1		1				-				1	1	1	1		_				-+		H
Keese cv	J-12	9/11/2012		pvc	6'4"	1	12-29		1	1	-	1		1	1					,	-		+		1 -		-				-	····	\vdash
Keese cv	J-12	9/11/2012		pvc	8'3"	1	12-38			1	1	1		1				- 1					-	1	1		 		-		\dashv		H
Whittenburg cv	J-12	9/11/2012		pvc	10'3"	j	12-39	ī		\vdash		-		1									+		+		 				+		-
Shenandoah	J-13	6/17/2013		clay	5'10"	+	13-1	۲	1				1	1		-	\vdash					+	+	 	+	 	-				+		\vdash
Shenandoah	J-13	6/17/2013	,	clay	8'5"	 	13-1 A		1		 		-	1	+	$\vdash \dashv$		-			1	 	+	 	+		\vdash				-+		\vdash
Shenandoah	J-13	9/11/2012		conc	9'10"	1	13-17	 	1	1	1			1		\vdash					-	 	+	 	+	 	 		-				-

								Su	rface	Abo	ve M	anho	le	Ň	leed	for R	epai	r		F	Repai	ir Requir	emer	nt					Re			Π	Ext	
STREET ADDRESS	Grid No.	Date Visually Inspected		Type of pipe	Depth	Lea	k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	МОТ	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Ro	epair	Manhole Replaced	Bench and Trough paired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	xtension or Rim Sealed	Lining Completed
Bridgewater	J-13	9/11/2012		pvc	4'4"	J	13-3	T	1			1		1							T				ĺ							ÎΠ		Ť
Congo	J-13	6/17/2013		clay	5'7"	J	13-4		1			1		1							t	<u> </u>												+
Shenandoah	J-13	6/17/2013	 	clay	4'10"	J	13-5	1	1					1							1	1			1		Ì						****	1
Ranchwood Dr	J-13	9/11/2012	1	,		j	13-7						1					1			1	1	 -			**************************************					†			1
Ranchwood Dr	J-13	9/11/2012	1			j	13-7 A		1			- 1	1					1			1	1					1	1						十
Ranchwood Dr	J-13	9/11/2012	1			Ţ	13-9	1	1				1					1			1	1				,	Ì				 			1
Ranchwood Dr	J-13	9/11/2012		clay	4'10"	J	13-10	1	1					1							1	1	 				1	1			† — — —			1
Ranchwood Dr	J-13	9/11/2012		pvc	9'3"	Ţ	13-11	T	1				_	1	\vdash						1	1					į.							1
Ranchwood Dr	J-13	9/11/2012		pvc	6'	J	13-12	T	1				_	1							1	1			1		1.			1				T
Congo	J-13	9/11/2012		pvc	6'10"	J	13-12 A	1				1	1	1							1	1					1							1
Ranchwood Dr	J-13	9/11/2012		clay	5'3"	J	13-13		1			1	1	1							1	1					T		<u> </u>					T
Ranchwood Dr	J-13	9/11/2012		clay	6'4"	J	13-14		1					1								1	1		1		1							1
Ranchwood Dr	J-13	9/11/2012	1			J	13-15	ı	1									1			1		1				1							T
Ranchwood Dr	J-13	9/11/2012		clay	6'	J	13-16	T	1					1							1	1										П	-	\top
Ranchwood Dr	J-13	9/11/2012		pvc	4'5"	J	13-17	T					1			1				1														1
Thomas	J-13	9/10/2012		pvc	8'8"	J	13-18		1					1							1													T
Congo	J-13	9/10/2012		рус	11'5"	J	13-19	1				1		1							1	1					-							\top
Ranchwood Dr	J-13	9/11/2012	1			J	13-23						1					1				l												T
Ranchwood Dr	J-13	9/11/2012	1			J	13-24					1	1					1			T													1
Summerwood Cv	J-13	6/7/2013		clay	7'7"	J	13-25						1			1				1	1	1												Т
Summerwood Cv	J-13	6/7/2013		clay	7'3"	J	13-26						1	1																Π			1	Τ
Summerwood Cv	J-13	9/10/2012		pvc	11'	J	13-27					1		1																				I
Summerwood Cv	J-13	9/10/2012		pvc	9'9"	J	13-28					1		1													1							
Summerwood Dr	J-13	9/10/2012	1]	J	13-29					Ž.						1					1				-							
Summerwood Dr	J-13	9/10/2012	1			J	13-31						1					1																$oldsymbol{ol}}}}}}}}}}}}}}$
Summerwood Cv	J-13	9/10/2012	1			J	13-32	:					1					1																
Summerwood cv	J-13	9/10/2012	1			J	13-34					1						1					1				4.							
Congo	J-13	9/11/2012	1			J	13-35						1					1																
Summerwood cv	J-13	9/10/2012		clay	8'3"	J	13-36		1					1						,														
Summerwood Dr	J-13	9/10/2012		pvc	4'10"	J	13-37					1					1					1	1											
Deerfield	J-13	9/10/2012		clay	6'11"	Ĵ	13-38		1					1																				
Deerfield	J-13	9/10/2012		рус	3'1"	J	13-38 A					1	,	1																				
Congo	J-13	9/10/2012	1			J	13-39					3-	1					1					1									\coprod		
Congo	J-13	9/10/2012		clay	10'	J	13-40					1					1							1								Ш		
Summerwood	J-13	9/10/2012		clay	9'	J	13-41					1		1																				
Summerwood dr	J-13	9/10/2012		pvc	3'8"	J	13-43					1		1	L^{T}									 _							1			

BENTON UTILIT	TES 33 IV	MANHOLE K	EPAIR K	ECOR	D BA	ASIN	1 3	1 .		41				_							·													,
								_	irtace	Abo	ove N	/lanh	ole	_	Need	for	Repa	ir		<u> </u>	Repai	ir Requir	eme	nt				1	Rep				Ext	
STREET ADDRESS	Grid No.	Date Visually Inspected		Type of pipe	Depth	Lea	k at Manhole Number	Concrete Pavemen	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Re Comple	epair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Summerwood ap	J-13	9/10/2012		pvc	6'4"	T	13-44	1		Γ-	1	1	1		+	1	-	<u> </u>	10	1	1	T 0 10	1	13.3	100	СОПТР	1	-	<u> </u>	<u> </u>	10 10	-		┿
Summerwood dr	J-13	9/10/2012		pvc	2'4"	芀	13-46	-	 			1	 	1	+-	╁	1-	-	-	-	+-	1	+		╫		1	├						+
Summerwood ap	J-13	9/10/2012	1	Pic		j	13-49	1-	\vdash		1	 -	1,	<u> </u>	╂	\vdash	1	1	-	 	+	 	 	 	╁		1	 	! 	-				+
Summerwood cv	J-13	9/10/2012	1			1	13-50	lacktriangledown	 	╁		1-	1	-	+	 	1-	1	 	 	1-	 	 	 	╂-		1:							+
Summerwood dr	J-13	9/10/2012	1			1	13-50 A		 	-		├	t	-	+	 	1	1	1-		╂	 	\vdash	ļ	\vdash	-	-	-	<u> </u>	-				+
Summerwood cv	J-13	9/11/2012	1			1	13-51		\vdash	-	\vdash	\vdash	1	1	+	\vdash	1-	1	1		1-	 	-	1	1			-		-				
Congo	J-13	9/10/2012	1		†	1	13-51		1		 	1	†	1	+	-	1	1	1-	-	+	1	1	 	-		ļ l	 	<u> </u>			1		+
Deerfield	J-13	9/10/2012		clay	9'9"	1	13-53	1	1	-	1	-	 	1	+	 	1-	÷	1	 	1-	-	+-	 	1			\vdash		1				+
Deerfield	J-13	9/10/2012		pvc	5'7"	1	13-53 A	1	╁	-	-	1	+-	1	1-	-	-		1	 	+	1	 		1		1	+		\vdash				+
Troy dr	J-13	9/11/2012	1	pvc	6'11"	1	13-54		1	<u> </u>		╁	1-	1	 	H	1-	-	-	<u>.</u>	1	1	 	 	1-		<u> </u>	-	<u> </u>	 				+
Foxridge	J-13	9/11/2012	,	pvc	5'	1	13-55		╁∸	╁		1	╁	1	+-	┼	 	 	 		+-	 	 	!	 	· · · · · · · · · · · · · · · · · · ·	1	†		 				+
Foxridge	J-13	9/11/2012		pvc	5'5"	Ħ	13-56	1	1	 	-	1	1	1	1	┼─	╅	 	 		╁	1	1					├			-			+
Foxridge	J-13	9/11/2012		pvc	6'4"	1	13-57	1	t	1	1	1	1	1	+	-	1	<u> </u>	!		1		1	 	1		Î	\vdash	<u> </u>	┼─				+
Foxridge	J-13	9/11/2012		pvc	6'6"	+	13-58	1	1	1	1	1	t	1	 	 	╁╌	 	1		+		-	 	╁	<u> </u>		╁		 	 			+
Foxridge	J-13	9/11/2012		pvc	5'10"	1	13-59	1	Ħ	1	1-	1	1	1	1		1	-	1		+	 	t	 	\vdash	 	 	 		 				+
Foxridge	J-13	9/11/2012		pvc	6'6"	1	13-60	1	t			1	1	<u>-</u>	†	1	†	 	 	1	1		1	 	†		1				 			+
Bastogne way	J-13	9/11/2012	1			1	13-61	1	1	1	1	1	1 1	1	1	 	1	1	t^-		╁╴		 	<u> </u>	 	· · · · · · · ·		1		-	<u> </u>			+
Bastogne way	J-13	9/11/2012		pvc	13'10"	1	13-62			 	1	1	Ť	1	†	1	<u> </u>	Ħ	l	1	1	†	1	 	1		1	 		-	 			
Bastogne way	J-13	6/11/2013		pvc	11'	J	13-62 A	1	1	-	1	1	1	1	 	t	1	<u> </u>	 	†	+	1	1	†	1		Ĺ			 				†
St. Ives	J-13	9/11/2012		pvc	7'1"	J	13-63	t	1		1	1	1	1	-		1		t	-	1	1	1	 	1			 						†
Bastogne way	J-13	9/11/2012		pvc	9'9"	J	13-64	1	1		1	1	†	1				1	1	1	1	1	1	1	†		 	\vdash		 				T
Bastogne way	J-13	6/11/2013		pvc	8'1"	J	13-64 A	1	1	1	†	1	†	1			1		1		1		1		1		1	<u> </u>		 				t
Bastogne way	J-13	9/11/2012		pvc	5'9"	1	13-65	1			1	1	1	1		1	1		1	1	1		1	<u> </u>	1		Ì	†						†
Deerfield	J-14	9/10/2012		clay	10'8"	J	14-1	Ī	1				1	1					T	1	1				1		-							1
Fawn	J-14	9/10/2012		pvc	5'7"	J	14-1 A				1	1	1	1							1	1			1			T			1			1
Deerfield	J-14	9/10/2012		pvc	6'	J	14-2	1	1			1	1	1	_	1					1		1		1		1							1
Catherine	K-12	9/20/2012		pvc	7'	К	12-1		1		1	1		1	-		1				1				T		1		<u>., , , , , , , , , , , , , , , , , , , </u>					
Catherine	K-12	9/20/2012		pvc	6'11"	К	12-2		1					1	-	1					T						1							
Catherine	K-12	9/20/2012		pvc	5'4"	K	12-3		1					1			-				1		1	1			1						**************************************	
Wright Ave	K-12	9/18/2012		clay	12'3"	К	12-6		1					1	-								Ī		1									
Wright Ave	K-12	9/18/2012		clay		К	12-7	1	1			1		1	1	1	1								1									
Wright Ave	K-12	6/10/2013		clay	6'9"	К	12-7 A	1		Ť				1							1						1							
Wright Ave	K-12	9/18/2012	1	-		К	12-8		1					1	1	1		1	1				1	1			Ī.							
Wright Ave	K-12	9/18/2012		clay	9'	К	12-9		1					1	,		1				1			1										
Wright Ave	K-12	9/18/2012		clay	5'6"	К	12-9 A		1			1		1	•		1	1			1						i							
Hickory Ridge	K-12	9/24/2012		pvc	5'1"	К	12-10	Ī				1		1					1		1				T		T							

DENTON OTTEN	1E3 33 K	MANHOLE R	EPAIR K	ECORI	D BA	SIN	3		-f	Λ Ι	N	lank	ole.	_	N d	l for I) o no i	_		D	onai	r Poquir					$\overline{}$		1		_		_
ļ									пасе	ADC	ve N	ianno	oie	- -	Need	TOT	repai			K	epall	r Requir	emer	Iτ				ep		_		Xt	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth	Leak	at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete	+ 0	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Wright Ave	K-12	6/11/2013		clay	6'8"	К	12-10 A					1	1	Π	T	T	1						1			06/11/13					1		1
Ruth	K-12	9/20/2012		pvc	5'11"	К	12-14		1				1	1	1	1								· · · · · · · · · · · · · · · · · · ·				 					
Ruth	K-12	9/20/2012		pvc	11'5"	К	12-15		1				!	1	1	 																	
Ruth	K-12	6/10/2013		clay	7'2"	К	12-16		1					1	1	T																	1
Wright Ave	K-12	9/18/2012		clay	9'4"	К	12-17	1	1		1			1	1	†											1		1		†	1	1
Wright Ave	K-12	9/20/2012		clay	6'6"	K	12-18	1	1		1	 	 	1	+	1						1	1				1	1	1	<u> </u>	T	†	1
Wright Ave	K-12	9/20/2012		clay	8'6"	К	12-19	1	1		1	1		1		1											1		 	 	T		+
Ruth	K-12	9/24/2012		clay	8'11"	К	12-20	1	1		1	1	 	1	+	t	-					 					\top		 		†	†	1
Wright Ave	K-12	9/20/2012	 	clay	13'5"	K	12-35	1	1	 	 	1	1	1	†	1						1		l		-	+	1	1		1		1
Wright Ave	K-12	9/20/2012		clay	8'4"	К	12-36	1	1	1	 	 		1	1-	1	†						1	† — — — — — — — — — — — — — — — — — — —			1		1		1		十
Elaine	K-12	9/24/2012		clay	7'11"		12-37	1	1	1	 	1		1		-																1.	1
Elaine	K-12	9/24/2012		clay	6'	К	12-38	1	1	 	1	†		1	-	1										1			1		1		1
Elaine	K-12	9/24/2012		clay	6'11"	К	12-39	1	1	†	1	<u> </u>		1	· · · · · · · · · · · · · · · · · · ·	1							<u> </u>	.			\top		1		 		1
Ruth	K-12	9/24/2012		clay	9'2"	К	12-41	1	1	-		1	1	1		†											1				†		
Ruth	K-12	9/24/2012		pvc	6'7"	K	12-42		1		1	ļ	1	1	-	1						†					1		 		†		1
Ruth	K-12	6/13/2013		clay	6'4"	К	12-43		1	1		1	1-	1		T							1				\top		1		T	†	1
Ruth	K-12	9/24/2012		clay	6'10"	К	12-44	1				1	1	1	-	1													1	 	1	T	1
Ruth	K-12	9/24/2012		clay	13'3"	ĸ	12-45	1			1	1		1	-	T										1			1		1		1
Ruth	K-12	6/17/2013		clay	5'10"	К	12-45 A	1	1	1	1	ऻ	1	1	-	1															T		7
Hickory Ridge	K-12	9/24/2012		pvc	4'4"	К	12-46	1	1			1		1	-	1							1				\top			1			
Hickory Ridge	K-12	9/24/2012		pvc	7'8"	К	12-47	1		1	1	1	1	1		1	1				†		1	1		i i	1		1			†	1
Hickory Ridge	K-12	9/24/2012	† 	pvc	3'5"	К	12-48	1	1		1	1	1	1		1	1			1	1		1	1			1		1		1		1
South pl	K-12	6/17/2013		pvc	7'3"	К	12-49	1	†	-		1		1	-	1		,			1	1	1				\top		1		1	1	1
South pl	K-12	6/17/2013	<u> </u>	clay	8'6"	K	12-50	1	1	1	1	1	+	T	1		1					1	1			06/17/13	,	1			1	1	1
Odessa	K-12	6/17/2013		clay	15'10"		12-50A	1	1				4	1	1	1	T				†						\top		1		1	1	1
Bridgewater	K-12	9/24/2012		pvc	7'5"	lκ	12-51	1			1	1	†	1		1	1																1
Bridgewater	K-12	9/24/2012		pvc	7'10"	K	12-52	1	1	1	1	1	1	1	_	1	1										\neg				1		1
Bridgewater	K-12	9/24/2012		pvc	8'	K	12-53	1	1		1	1	1	1		1	1										\top		1				1
Sundance	K-13	7/28/2011		pvc	6'7"	K	13-1	1		1	†	Ť		1	1.	1	1						1	1					1				1
Bridgewater	K-13	7/28/2011		pvc	7'6"	К	13-2	T	1			1	1	1	+		T					1							1				T
Bridgewater	K-13	7/28/2011		pvc	4'9"	K	13-3	T	1	1	1	1			1	1	i			1	1		1	1			1						1
Bridgewater	K-13	7/28/2011		pvc	7'10"	K	13-3A	1	†			1	1	1	1	1	1			1	T				1				1		1		\top
Bridgewater	K-13	7/28/2011		pvc	4'9"	K	13-4	1	 	1		1	 	1		+	1												1				1
Bridgewater	K-13	7/28/2011		pvc	8'3"	ĸ	13-5	T	+-	1	1	1	1	1		1	1			1		1							1				1
Bridgewater	K-13	7/28/2011	†	pvc	9'1"	K	13-6	†	 	\dagger	†	1		1	1		1			T:-	1				1		1		1		T		1
Bridgewater	K-13	7/28/2011		pvc	4'7"	К	13-7	十	†	+	†	1		1	1	1	1		1	†		1		1			1		1		T		1

BENTON UTILIT	1E3 33 1	MANTOLLIK	LI AII II	LCOK		SIN		T C.	rface	Λho	ve M	lanho	مار		Need	for P	enai	-			2enai	r Requir	amor				1.	T	20	ı -			m	т—
											ve IV	Tariffic	אוע	<u>_</u>	veed	IOFR	repai			r	Tepai		emer	11	1				e p				xte	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth	Leak	cat Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Re	pair ted	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Bridgewater	K-13	7/28/2011		pvc	8'3"	К	13-8	1				1					1							1	1	<u> </u>				Ì				T
Congo rd	K-13	7/28/2011	1			к	13-10											1					1		T	-								T
Congo rd	K-13	7/28/2011	1		-	к	13-10A	1										1			1		1		1	******								
Congo rd	K-13	7/28/2011		clay	7'11"	к	13-11	1	1							1				1	1			1	1		Ì	 			· · · · · · · · ·			†
Congo rd	K-13	7/28/2011		clay	5'2"	К	13-12	1	1								1				+		1		╁			<u> </u>		\vdash				+
Congo rd	K-13	7/28/2011		clay	5'8"	К	13-13	1	1					1	1		Ť				1				1		<u> </u>	1		 				1-
Congo rd	K-13	6/17/2013		pvc	5'10"	К	13-14		Ť			1		1							1				1					t^-				
Congo rd	K-13	7/28/2011		clay	6'1"	К	13-15	1	1								1				f^{-}	1		1	 					 				
Congo rd	K-13	6/17/2013		pvc	5'6"	К	13-16	1	╁▔			1		1					-		1			 	†			1		 	-			<u> </u>
Congo rd	K-13	7/28/2011		clay	5'11"	К	13-18		1								1				1	1		1				-		╁				t
Congo rd	K-13	7/28/2011		clay	6'	К	13-19		1						1					1	 			1	1 1		1	 		-				+
North Place	K-13	6/13/2013		pvc	13'6"	К	13-20		 			1		1	H						1			- -	╁▔			H		 				
North Place	K-13	6/13/2013		clay	6'	К	13-21	i				-	1	1							1				1			H		\vdash	<u> </u>			+
North Place	K-13	7/28/2011	1	0.07		К	13-22	1	1						 			1	1		1		1	 	\mathbf{I}			\vdash		\dagger		\vdash		+
North Place	K-13	7/28/2011		clay	8'	К	13-23		1					 		1		-		<u> </u>	 	<u> </u>	1	1	1		 	1		<u> </u>				+
Fleming Dr	K-13	6/17/2013		clay	2'6"	К	13-24		1					1	\Box					1	T		1		╅		 			†	 			1
Bridgewater	K-13	7/28/2011	1	5.5,		К	13-25		 -									1	1			1	1				 					1		
Hurrican Lake Trunk Line	K-13	7/28/2011	1			к	13-26							-				1					1											
Hurrican Lake Trunk Line	K-13	7/28/2011	1			к	13-27											1					1											
Hurrican Lake Trunk Line	K-13	7/28/2011	1			к	13-28											1					1											
Hurrican Lake Trun Line	K-13	7/28/2011	1			к	13-29											1					1											
Kelly	K-13	7/28/2011		clay	16'0"	К	13-31	1				1		1													1							
Kelly	K-13	6/17/2013		clay	15'7"	К	13-31A						1	1													1							T
Odessa Dr	K-13	7/29/2011		clay	9'1"	К	13-33	1				1				1								1	1		T						·······	
Kelly Dr	K-13	6/17/2013		clay	11'6"	K.	13-34	1				1		1																			·····	T
Fleming Dr	K-13	7/29/2011		clay	5'11"	К	13-35	1	1							1								1	1				-					T
Miller Loop	L-10	10/25/2012	1			L	10-33	1										1					1			1								T
Miller Cove	L-10	10/25/2012	1	1		L	10-33A	1					1					1					1				1							T
Miller Cove	L-10	10/25/2012	1			L	10-33B	1	1				1		1			1			1		1				Ī							T
Miller Cove	L-10	10/25/2012	1	† ·		L	10-36	1				1						1	-		1													
Miller Cove	L-10	10/25/2011		pvc	4'6"		10-36A	†	1	1		1		1	F				1	 	1	1			1		i			1				

.

		IANHOLE R		LCOK		SIN		Su	rface	Δho	ve M	lanh	مام		lood	for F	Repai	- 1	,,-	P	enair	r Require	mor				1		70	T	<u> </u>		I m	
											, v = 1V	101111	OIC	├-	veeu	101	repai	-		`	chail		mer	11			-		lepa				Xte	1
				Туре				Concrete Pav	Asphalt Pavement	Sidewalk Pavement								No	Replace M	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Ra	Seal Rim or Extension	Cementious			Manhole Re	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
		Date Visually	Unable	of		Lea	k at Manhole	em	em	'em	ଦୁ	ଦ୍ର	€	z			_	Ac	ant	a br	R	Re t	ise	Rir	S Li	Date R	epair	pla	Tro Sea at F	l B	ᇛ	Ra	Sea	탏
STREET ADDRESS	Grid No.		to Access	pipe	Depth		Number	vement	ent	ent	Gravel	Grass	Wood	None	1st	2nd	MoJ	Access	Manhole	Trough or ound Pipe	ots	Outside Rehab	Raise Rim	eal Rim or Extension	Lining	Compl	1.	Replaced	Trough Sealed at Pipe	Ved	side hab	ised	e	ted
Thomas Pasture																											T			 			╁	十
Row	L-10	10/25/2012		pvc	9'5"	L	10-37					1		1																				
Miller Loop	L-10	10/25/2012		pvc	5'2"	L	10-40						1	1												-				1		T	†	+
Miller Cove	L-10	10/25/2012		pvc	7'2"	L	10-41						1	1													Ì				<u> </u>	\vdash		1
Miller Cove	L-10	10/25/2012		pvc	5'9"	L	10-42					1		1							П						1	†			<u> </u>	 	 	1
Miller Cove	L-10	10/25/2012		pvc	3'10"	L	10-43					1		1															 				†	1
Miller Cove	L-10	10/25/2012		pvc	7'5"	L	10-44					1		1							7	†				 -		 		1			 	1
Miller Cove	L-10	10/25/2012	1	•		L	10-45					1						1					1							1		†	<u> </u>	1
Miller Cove	L-10	10/25/2012	1			L	10-46					1						1					1				F	-		1			 	1
Miller Cove	L-10	10/25/2012	1			L	10-47					1						1					1								<u> </u>		†	†
Miller Cove	L-10	10/25/2012	1			L	10-48					1		-				1					1				1		l	 		T	 	十
Miller Cove	L-10	10/25/2012		pvc	5'3"	L	10-49					1		1										- · · · · · · · · · · · · · · · · · · ·									 	
Miller Cove	L-10	10/25/2012	1			L	10-50					1						1					1	···· ··· ··· ··· ··· ··· ··· ··· ··· ·			1			1		\vdash	 	1
Miller Cove	L-10	10/25/2012		pvc	5'10"	L	10-51				1			1													†					\vdash	 	+
Greenhill	L-10	10/25/2012		conc	6'10"	L	10-52				1			1													1						1	†
McCurdy	L-10	10/25/2012		conc	9'9"	L	10-53		1					1													-			1		\vdash		1
Sherris	L-10	10/25/2012		conc	6'4"	L	10-53A		1					1												, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	İ					†	—	†
Hwy 5	L-10	9/18/2012		clay	4'8"	L	11-39					1			1												ĺ					T		1
Dogwood Dr	L-10	9/18/2012		pvc	3'8"	L	11-40					1		1													j.			1			<u> </u>	+
Dogwood Dr	L-10	9/18/2012		clay	6'1"	L	11-42					1		1													İ						 	1
Dogwood Dr	L-10	9/18/2012	1	conc	3'8"	L	11-44					1					1			1	-						i i	1				\vdash	†	+
Dogwood Dr	L-10	9/18/2012	İ	clay	6'8"	L	11-45					1		1													T						†	+
Dogwood Dr	L-10	9/17/2012		clay	6'7"	L	11-46					1					1			1							i		·			\vdash		+-
Dogwood Dr	L-10	9/17/2012		pvc		L				*** 4		1		1													+			1			†	1
Dogwood Dr	L-10	9/17/2012		clay		L	11-47			- 1		1					1			1			1				 						†	1
Dogwood Dr	L-10	9/17/2012		clay	6'10"	L	11-49					1		1							П									†				1
Dogwood Dr	L-10	9/18/2012		clay	4'5"	L	11-50			,		1					1			1							1			<u> </u>			†	1
Dogwood Dr	L-10	6/17/2013		clay	5'1"	L	11-52			-		1		1															··········	1				+
Daffodil	L-10	6/17/2013	31.5.	clay	5'4".	L	11-53					1		1													İ							+
Azalea Cr.	L-10	9/17/2012		clay	6'11"	T	11-54					1		1							-						1					┢		1
Azalea Cr.	L-10	9/17/2012	l	clay	6'8"	ī	11-55					1		1													 			1		 	<u> </u>	1
Daffodil	L-10	6/17/2013		clay	4'1"	L	11-56					1		1				1									 							+
Azalea Cr.	L-10	9/18/2012		clay	5'10"	Ĺ	11-57	1				1		1						1						<u> </u>	 					┢		+
Azalea Cr.	L-10	9/18/2012		pvc	3'7"	Ī	11-58					1					1				Н		1				} 		 	1		┢	<u></u>	+
Azalea Cr.	L-10	9/18/2012	-	pvc	5'9"	t	11-59					1		1													+-					\vdash	 	+
Azalea Cr.	L-10	9/17/2012	-	pvc	3'4"	Ιī	11-60	t				1		1	\vdash						\vdash						†	-				H		+-

								Su	rface	Abo	ve M	anhol	le	N	leed f	or Re	epair			F	Repai	r Requir	eme	nt				Re				Ext	1
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth	Lea	k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd		No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Azalea Cr.	L-10	9/17/2012	1			L	11-60A	1					T	T			T	1					1										1
Beverly	L-10	10/25/2012		pvc	10'2"	L	11-61		1					1								T	1				1						1
Beverly	L-10	10/25/2012	1			L	11-63		1								1	1			T	1	1										1
Hwy 5	L-10	10/25/2012		pvc	10'0"	L	11-65			-		1		1	一十	一					1						1			,			1
Dogwood Dr	L-10	9/18/2012	-	clay	5'9"	L	11-65A		1			1		1			1				1	1	1		1		†						1
Azalea Cr.	L-10	9/18/2012		pvc	4'11"	L	11-65A				П	1	十	1							1		1				1			1			\top
Azalea Cr.	L-12	9/11/2012		pvc	3'5"	L	12-1		1			1	_	1	1	+				1	1		1	1			1						1
Sharron Rd	L-12	9/18/2012	1			L	12-2	1	1						1			1			1	1	1	1			1					-	+
Sharron Rd	L-12	9/18/2012		pvc	8'9"	L	12-4		1			_	十	1		_					T		1				1						1
Nalley	L-12	9/18/2012		pvc	5'3"	L	12-5		1		П			1		1					T		1										1
Dogwood Dr	L-12	9/17/2012		pvc	4'2"	L	12-6					1		1							T		†				1		1				1
Dogwood Dr	L-12	9/17/2012		pvc	6'5"	L	12-7		1					7			1				1		1	1									+
Sharron Rd	L-12	9/18/2012		pvc	6'1"	L	12-8	T	1				1	1							1		1				†		 	············			1
Sharron Rd	L-12	9/18/2012		pvc	6'6"	L	12-10		1				7	1								†	1				1						\top
Wright Ave	L-12	9/18/2012		pvc	6'6"	L	12-13	1	1					1									1										1
Shenandoah	L-12	9/18/2012	. :	pvc	4'8"	L	12-15A		1					1							1	1											1
Wright Ave	L-12	9/18/2012		clay	6'0"	L	12-16		1					1							1			1							1		1
Shenandoah	L-12	9/18/2012		clay	5'7"	L	12-16A		1	Ī			1			1	1				T		1	1		}-							1
Wright Ave	L-12	9/18/2012		clay	7'4"	L	12-17		1					1							T												
Hickory Ridge	L-12	9/20/2012	1			L	12-18	1										1			1		1										1
Nalley	L-12	9/20/2012		clay	9'9"	L	12-19		1					1		- 1					1		T					 					1
Nalley	L-12	9/20/2012		clay	6'0"	L	12-20		1	ľ				1							1						1						1
Nalley	L-12	9/18/2012		pvc	10'9"	L	12-21		1					1							1	1											T
Catherine	L-12	9/18/2012		pvc	5'0"	L	12-22	T. C. C. C. C. C. C. C. C. C. C. C. C. C.	1								1				1			1									T
Catherine	L-12	9/18/2012		pvc	7'11"	L	12-23	1	1					1																			T
Freeman	L-12	9/18/2012		pvc	8'2"	L	23-24	1	1					1								1	1										T
Freeman	L-12	9/18/2012		pvc	5'5"	L	12-25	1	1					1						[1.	,				4.							T
Wright Ave	L-12	9/18/2012		clay	6'1"	L	12-26	1	1					1		一					1												T
Hickory Ridge	L-12	9/24/2012		pvc	3'11"	L	12-27		-			1		1		1																	T
Wright Ave	L-12	9/24/2012		pvc	7'5"	L	12-27A			Π			1	1																			T
Wright Ave	L-12	9/24/2012	1			L	12-27B(NF)										1	1					1										T
Wright Ave	L-12	9/24/2012		pvc	7'7"	L	12-27C	П					1	1																			1
Wright Ave	L-12	9/24/2012	1			τ	12-28	1	1	1	1				j			1					1										T
Hickory Ridge	L-12	9/24/2012	1			L	12-29	1					1					1					1										T
Hickory Ridge	L-12	9/24/2012	1			L	12-30					1						1															T
Hickory Ridge	L-12	9/24/2012	1			L	12-31	T	Γ].			1					1			1		1										1

BENTON UTILIT	IE2 22 I/	MANHOLE R	EPAIR R	ECOK	D DA	ISIN		-		A l	84		i. 1			f D	\:) anai	- Domini											m	\top
								Su	rtace	ADO	ve M	anno	ые		Veed	TOP H	ераі			 	repai	r Require	emer)t					е́р				xte	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth		k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Re Comple	pair ted	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Hickory Ridge	L-12	9/24/2012	1			L	12-32						1					1					1							1				
Hickory Ridge	L-12	9/20/2012	1			L	12-33											1					1										İ	
Hickory Ridge	L-12	9/20/2012		pvc	8'5"	L	12-34					1		1																				
Hickory Ridge	L-12	9/20/2012		pvc	5'7"	L	12-35			*******	1			1																				
Hickory Ridge	L-12	10/3/2012		pvc	6'1"	L	12-36	1	1					1	-																		Ī	
Sharon Ball Park	L-12	10/3/2012		clay	6'0"	L	12-37					1				1				1														
Sharon Ball Park	L-12	10/3/2012	<u> </u>	clay	6'9"	L	12-38		· · · · · ·			1			1					1	1				1									
I-30 West	L-12	10/3/2012		pvc	6'4"	L	12-39					1		1																				
I-30 West	L-12	10/3/2012		clay		L	12-39A	1									1			1	1				1									
I-30 West	L-12	10/3/2012	1			L	12-40			,		1						1					1											
I-30 East	L-12	10/4/2012	1			L	12-42	1					1					1					1											
I-30 East	L-12	10/3/2012	1	pvc	12'5"	L	12-42A	1					1		1					1	1				1									
I-30 East	L-12	10/3/2012	1			L	12-43	1		,			1					1					1											
I-30 East	L-12	10/3/2012		pvc	7'11"	L	12-44						1		1					1	1				1									
I-30 East	L-12	10/3/2012		pvc	9'9"	L	12-45					1		-		1				1	1													
I-30 East	L-12	10/3/2012		pvc	11'5"	L	12-46		1					1								-					1							
Wal-Mart	L-12	10/3/2012	1			L	12-47		1									1					1									oxdot		
Wal-Mart	L-12	10/3/2012	1			L	12-47A		1									1					1											
Sharron Rd	L-12	9/18/2012		pvc	8'9"	L	12-48		1					1													-					$oldsymbol{ol}}}}}}}}}}}}}}}}}}$		'
Sharron Rd	L-12	9/18/2012		pvc	10'7"	L	12-49		1					1													<u> </u>			1		$oldsymbol{ol}}}}}}}}}}}}}}}}}}$		'
Sharron Rd	L-12	9/18/2012		pvc	2'11"	L	12-50		1					1																ļ				
Hickory Ridge	L-12	9/18/2012		pvc	3'3"	L	12-51		1					1									<u> </u>									$oxed{oxed}$		
Hickory Ridge	L-12	9/18/2012		pvc	5'8"	L	12-52		1					1_								1			<u> </u>			<u> </u>				igsqcut	<u></u>	'
Hickory Ridge	L-12	9/18/2012		pvc	11'1	L	12-53					1		1													1				<u> </u>			
Hickory Ridge	L-12	9/18/2012		pvc	10'9"	L	12-54		1					1		1										,						$\perp \!\!\! \perp \!\!\! \perp$	<u></u>	'
Hickory Ridge	L-12	9/18/2012		pvc	11"1"	L	12-55		1					1	_	<u> </u>			<u> </u>											<u> </u>			ļ	
Hickory Square	L-12	9/18/2012		pvc	6'11"	L	12-56		1					1		<u> </u>																$oxed{oxed}$		'
Hickory Square	L-12	9/18/2012		pvc	12"5"	L	12-57		1					1	-								<u> </u>									igsqcut		'
Nalley	L-12	9/18/2012		pvc	13'7"	L	12-58		1					1	+							<u> </u>	ļ	<u> </u>			1				_	igspace		
Nalley	L-12	9/18/2012		pvc	13'11"	L	12-59		1					1										<u> </u>	_			<u></u>			<u> </u>	$oxed{oxed}$		'
Nalley	L-12	9/18/2012		pvc	5'9"	L	12-60		1					1	1								<u> </u>		_		<u> </u>				ļ	\sqcup		
Wal-Mart	L-12	9/18/2012	1			L	12-61	1						<u></u>				1				1		<u> </u>							_	igsquare		
Wal-Mart	L-12	10/4/2012		pvc	19'6"	L	12-62	1						1	1_									<u> </u>	_		<u> </u>	<u> </u>			 	igspace		
Wal-Mart	L-12	10/4/2012	1			L	12-62a(NF)		1				1		1			1	_		<u> </u>		1	ļ	-	 	<u> </u>	<u> </u>		1		$\perp \perp \mid$		
Kroger	L-12	10/4/2012		pvc	7'4"	L	12-63		1					1	#_				_				<u> </u>	ļ	-		<u> </u>	<u> </u>		<u> </u>	<u> </u>	igspace		
Wal-Mart	L-12	10/4/2012	1			L	12-63A	<u></u>				<u> </u>	1	1	1	<u> </u>	1	1		1	1		1		<u> </u>	L	<u> </u>	<u> </u>		<u></u>	1	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	<u> </u>	

BENTON UTILIT	123 33 1	IANTOLL K	Er Allx IX	LCOK	<u> </u>	SIN	3	T c	-f	. Aba	ove N	1anh	ا مام		No o o d	l for F	2000	:	1		Bono	in De accio					 							—
			:						Т	ADC	ove iv	lann	oie	<u> </u>	neea T	for F	kepai	ir I	-		кера Т	ir Requir	emer I	nt I	_				е́р				:Xte	'
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth		k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavemen	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Re	6	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Kroger	L-12	10/4/2012			8'2"		12-64		+	ļā	1 10	18	+-		T T	<u> a </u>	>	l is	T O	<u> </u>	1 13	1 5 0	13	2 3	<u>(70</u>	Comple	teu	10	1 6 C 7	10	1 0 0	18-1	<u> </u>	부으
Kroger	L-12	10/4/2012	1	pvc	02	-	12-64A		1	-			1	1	-			1	1		-		1				-	ļ		-				
	L-12	10/4/2012	1	2016	6'0"	-	12-64A 12-65		1	-		-	1	-	<u> </u>	-		1	╂		+		1				í	├		.		<u> </u>		-
Kroger	L-12			pvc	6'1"	L			1				-	1	-				1-									ļ		 			······································	
Kroger		10/4/2012		pvc		L	12-66		1		-			1	ļ	-	_	-	 				-				1			 				
Kroger	L-12	10/4/2012		pvc	6'0"	 -	12-67	 	1	ļ		-		_	-	-	 	-	╂	1	-							 		-	ļ	}		+
Backyard Burger	L-13	10/4/2012		pvc	5'8"	1-	13-1	1-	1	 	-	-		1	 	 	 	 	1-		-	-	 				!	 		 	<u> </u>			4
I-30 East	L-13	10/3/2012		pvc	5'7"	-	13-60	!	1			1	-	1	 	1	-	-	1-		4	 		ļ		ļ	1	 		\vdash				+-
Landers	L-13	10/3/2012		clay	5'6"	부	13-61	[1	-	 	_	ļ	1	 	ļ	 	-	-		-		ļ	ļ	ļļ		1	<u> </u>		 		1-1	· · · · · · · · · · · · · · · · · · ·	4-
Landers	L-13	10/3/2012		clay	7'10"	<u> </u>	13-62	1		-	-	1	1	1	 	 	 		1-		-	.	1			ļ	1-	 		 	<u> </u>	1		4
Landers	L-13	10/3/2012		pvc	15'8"	L	13-63	1	ļ	ļ	-			1	ļ	<u> </u>	ļ	ļ	ļ			 	ļ					ļ		 	 	1 1		
Landers	L-13	10/3/2012		clay	7'3"	L	13-65	1	-		_	1	-	1		ļ	ļ		.				ļ				ļ	↓		1		1		
Landers	L-13	10/3/2012	_	clay	3'1"	L	13-67		1	ļ				1	ļ	ļ	ļ				4		ļ.,				1	ļ		<u> </u>	ļ	ļļ		
Landers	L-13	6/18/2013	1			L	13-64		1	ļ					ļ	ļ	 	1	 		-	_	1				1	-		ļ		\sqcup		
Landers	L-13	6/18/2013		clay	4'10"		13-66		1		ļ			1	ļ	<u> </u>	<u> </u>	-	1	ļ	-		ļ	ļ			<u> </u>			<u> </u>				
Heights	M-11	10/22/2012		pvc		М	11-1		1	-				1	ļ	<u> </u>			<u> </u>	ļ							1	_		<u> </u>				
Heights	M-11	10/22/2012		conc	1	М	11-2		1					1						<u> </u>		1	ļ				<u>]</u>			ļ	<u> </u>			<u> </u>
Holly	M-11	10/22/2012		conc	9'3"	М	11-3	<u> </u>	1					1	<u> </u>								ļ											
Holly	M-11	6/18/2013		conc	4'6"	М	11-4			<u> </u>		1		1									1			06/18,	/13					1		
Heights	M-11	10/22/2012		pvc	6'4"	М	11-5	<u> </u>	1				1	1	<u> </u>															ŀ				
Palmer Ave	M-11	10/23/2012			5'4"	М	11-6	<u> </u>	1			<u></u>		1													1							
I-30 West	M-11	10/23/2012		pvc		М	11-6A					1		1	<u> </u>					<u> </u>														
I-30 West	M-11	10/23/2012		conc	 	М	11-7			<u> </u>	<u> </u>	1		1	<u> </u>																			
Heights	M-11	6/18/2013		clay	4'1"	М	11-8		1								1			1	1						1							T
I-30 West	M-11	10/23/2012		conc	1		11-9		1					1	i g																			
Heights	M-11	10/22/2012		pvc	1	М	11-9A		1					1																				
Olive	M-11	10/22/2012		conc	1	М	11-10					1		1																				
Forrest Lane	M-11	10/24/2012		conc	7'1"	М	11-11		1					1													ļ							
Forrest Lane	M-11	10/24/2012		conc	6'10"	М	11-12		1					1	1																			1
Forrest Lane	M-11	10/24/2012		conc	10'1"	М	11-13					1		1				1			-						[1
Olive	M-11	10/24/2012		clay	4'11"	М	11-15		1					1																				1
Forrest Lane	M-11	10/24/2012		conc		М	11-18						1			1			1	1					1									1
Forrest Lane	M-11	10/24/2012		conc	 	М	11-19						1	1	<u>}</u>																			
KenWood	M-11	10/24/2012		conc		М	11-20	1			1	1		1	Ţi.				1					1			1							1
KenWood	M-11	6/19/2013		clay		М	11-20A	<u> </u>			1	Ī	1	1						1														1
* KenWood	M-11	10/24/2012		clay		М	11-21					1	1	1	1:		1					1												1
KenWood	M-11	10/24/2012		clay	1	М	11-24		†		1		1	t	1	1	1	1		1	1	1		 	1		ì			1				1

		MANHOLE R		-		SIN		_						-												<u> </u>				_	·			
						l			rface	Abc	ve N	lanh	ole	1	leed	for R	Repai	<u>- </u>		R	epair	r Requir	emer	nt					Rep				ξ	
			Uzakla	Туре			at Manhole Number	Concrete Pave	Asphalt Pavement	Sidewalk Pavement	6		1					No A	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious			Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
CT0557 4 D D D 500		Date Visually		of		Leak	at Manhole	ne e) me	me	Grave	Grass	Wood	None	_	2nd	Low	Access	nho	igh Pi	8)utside Rehab	e R	Rim or tension	Lining	Date Re	pair	lac	eal t Pij	ĮŠ	eh:	ais	eal	let
STREET ADDRESS			to Access	· ·	Depth		Number	13	급	급	<u>ē</u>	SS			15	لقا	Š	SS	ě	<u>е</u> 9	ğ	8 6	3	3 9	교	Comple	ted	اقاً	6 G Z	l g	<u>a</u> d	<u> 8</u>	<u> </u>	<u> B</u>
KenWood	M-11	6/19/2013		pvc		М	11-25	<u> </u>					1	1		igsqcut														<u> </u>		<u> </u>	<u> </u>	
KenWood	M-11	10/24/2012		conc	8'11"		11-28	<u> </u>	<u> </u>			1		1																<u> </u>	<u> </u>		<u> </u>	
KenWood	M-11	10/24/2012		pvc	10'5"		11-29					1		1																			<u> </u>	
KenWood	M-11	10/24/2012		HDPE		М	11-30					1		1												1								
KenWood	M-11	10/24/2012		clay	6'6"	М	11-31					1					1					1												
KenWood	M-11	10/24/2012		clay	8'5"	М	11-31A						1	1																				
KenWood	M-11	10/24/2012		clay	6'1"	М	11-32					1				1				1					1	}								
KenWood	M-11	10/24/2012		clay	7'1"	М	11-33					1		1																				
Olive	M-11	10/24/2012	1			М	11-33A											1		Ì			1											
KenWood	M-11	10/24/2012		clay	2'11"	-	11-34		1								1					1												
KenWood	M-11	10/24/2012		pvc	7'11"	М	11-35		1			1																						
KenWood	M-11	10/24/2012		conc	6'5"	М	11-36		1					1																				T
KenWood	M-11	10/24/2012		pvc	7'6"	М	11-37		1								1						1											
KenWood	M-11	10/24/2012		pvc	7'9"	М	11-37A					1		1	i																			T
KenWood	M-11	10/24/2012		conc	5'4"	М	11-38		1					1	-																			T
KenWood	M-11	10/24/2012	1			М	11-39											1					1											T
Dogwood	M-11	10/24/2012		pvc	11'10"	М	11-41					1		1																				1
Dogwood	M-11	10/24/2012		pvc	5'3"	М	11-41A					1		1													,							1
Sherris	M-11	10/24/2012		pvc	5'7"	М	11-41B						1	1													ļ			" ")	
KenWood	M-11	10/24/2012	1			М	11-44											1					1				į							
KenWood	M-11	10/24/2012	1			М	11-45											1					1				:				Î ·	\vdash		
Hwy 5	M-11	10/23/2012	1			М	11-49			1	1							1					1									T		
Hwy 5	M-11	10/23/2012		pvc	5'2"	М	11-49A	1	1					1													*********					1		1
Hwy 5	M-11	10/23/2012	1			М	11-49B						1					1					1							1				1
KenWood	M-11	10/23/2012		pvc	8'2"	М	11-50		1					1																		1	<u> </u>	T
KenWood	M-11	10/23/2012		pvc	9'1"	М	11-51		1					1		П														1				1
Sharron Rd	M-11	10/23/2012		pvc		М	11-52		1					1				2									•			1				1
KenWood	M-11	10/23/2012			11'10"		11-52A		1					1														П		1				1
I-30 West	M-11	10/23/2012	1			м	11-53	1.				-						1	1				1				-			1				1
I-30 West	M-11	10/23/2012	1			м	11-54									П		1			1		1					П		1				1
I-30 West	M-11	10/23/2012		pvc	4'2"	м	11-54A		1		1			1							1			1						1			·	1
I-30 West	M-11	10/23/2012		pvc	8'7"	м	11-54B	1	1		1			1	-	Г					1				1	3		М		†				1
I-30 West	M-11	10/23/2012		pvc	3'0"	м	11-54C		1					1		Г					1									1				T
Hwy 5	M-11	10/23/2012	:	pvc		М	11-55	1				1				Г	1						1							1				1
Hwy 5	M-11	10/23/2012		pvc		М	11-56	1	1		1			1		\Box				-	†	1								1		1		1
Hwy 5	M-11	10/23/2012	1			М	11-57	1		T	1					Г		1		ļ.			1							1				1

		//ANHOLE R				ASIN		<u> </u>	rface	Δho	ve M	lanh	ماه		Nood	for 5	onai	. 1			Onnai	r Dogwi		- 4			_	- 1	70					
		Ì						_	Tiace		ve IV	101111	Jie	 	Need	101 1	rehal		\vdash	<u> </u>	rehai	r Requi	eme	nt I	_				ep:				xte	
		Date Visually		Type of		Lea	k at Manhole Number	Concrete Paveme	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	No		2		No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Rep	pair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
STREET ADDRESS	Grid No.		to Access	pipe	Depth		Number	en e	ent	l ä	ě	ass	ğ.	None	1st	2nd	Low	ess	ole	ip or	l S	ide ab	Įŝ	<u> </u>	ing	Complet	ted	ed	igh led ipe	/ed	ide nab	sed	led	ted
Hwy 5	M-11	10/23/2012	1			М	11-58							Г				1			Π		1											T
Sharron Rd	M-11	10/23/2012	1			М	11-59											1					1											
Sharron Rd	M-11	10/23/2012		pvc	9'8"	М	11-60		1					1																				
I-30 West	M-11	10/23/2012	1			М	11-61											1					1											
I-30 West	M-11	10/23/2012		pvc	10'8"	М	11-61A					1		1													_							1
Hwy 5	M-11	10/23/2012		pvc	14'9"	М	11-62					1		1							T							:						
Hwy 5	M-11	10/23/2012		pvc	9'4"	М	11-63					1		1							1					Ì							 -	1
I-30 East	M-11	10/9/2012	1			М	11-64		""				1					1			1		1					-						
I-30 East	M-11	10/9/2012	1			М	11-65											1			1		1			-								
I-30 East	M-11	10/9/2012		conc	7'10"	М	11-66						1	1	П						1		1		П								***********	
I-30 East	M-11	10/9/2012	1			М	11-68									1		1			1	1	1			1								1
I-30 East	M-11	10/9/2012	1			М	11-69											1			1	1	1						***************************************					
I-30 East	M-11	10/9/2012		conc	6'8"	М	11-69A					1		1									1	†						 -				
Main	M-11	10/4/2012		conc	14'0"	М	11-70	1						1							1		1							1			*************************************	1
Main	M-11	10/4/2012		pvc		М	11-71		1					1					-		1													
Main	M-11	10/4/2012		clay	2'11"	М	11-72		1					1									1										· · · · · · · · · · · · · · · · · · ·	
Main	M-11	10/4/2012		clay	4'11"	М	11-73		1					1							1													
Main	M-11	10/4/2012		conc		М	11-73A		1					1	1						1	1	†											†
Main	M-11	10/4/2012	1			М	11-75			l	1				T			1			1	1	1					-						
Main	M-11	10/4/2012	1	,		М	11-75A(NF)							一	\vdash	 		1			1		1						*-**					
Main	M-11	10/4/2012	· ;	conc	4'3"	М	11-76	<u> </u>	1		1			1	1	1					1-		1	 									·	+
Main	M-11	10/4/2012		pvc	4'4"	м	11-76A			<u> </u>		1		1	1	 				<u> </u>	1	-	1			ŀ						\vdash		
Main	M-11	10/4/2012		conc		М	11-79	<u> </u>	1					1	H						1	1	1									\vdash		+
Main	M-11	10/4/2012		conc		М	11-79A							1	1	-					1	 	1	 	1							\vdash		
Main	M-11	10/4/2012		conc		М	11-80	\vdash	-		1		1	 			1			1	1	1	1	!		-								+
Market	M-11	10/4/2012		conc	<u> </u>	М	11-81A	1	1	\vdash		-	-	1	†		_			<u> </u>	1	†	1	 					L		<u> </u>	\vdash		
McNeil	M-11	10/4/2012		conc	6'1"	М	11-82		<u> </u>	-			1	1							T	 	†				. –					┝┯╅		+
Circle	M-11	10/4/2012		conc		М	11-82A		1	\vdash	<u> </u>			1	\vdash			-	Η-	-	1	 	1			1		-		 				+
Main	M-11	10/4/2012		conc		М	11-82B	†	1		†	,		1						<u> </u>	1-	1	1	 	1							$\vdash \vdash$		
Circle Dr	M-11	10/4/2012		conc		М	11-83	\vdash	1	-		1		1	-	1					1	 	T	 						-				╁─┤
Carpenter	M-11	10/9/2012	1			М	11-84	1	-	 	†	-	-	一	 			1		<u> </u>	†	 	1		1				· · · · · · · · · · · · · · · · · · ·	-	1	 		
I-30 East	M-11	10/9/2012	1			М	11-84A	 			1		 	一	1	1		1			1	 	1	1			-=	-		-		\vdash		
Sharron Rd	M-11	10/23/2012		pvc	4'6"	М	11-86	┢	-	 	1	1		1	+	1		-		ļ	1	 	+-		1	1	-					-		+
Sharron Rd	M-11	10/23/2012		pvc		М	11-87	\vdash	 	 	 	1	-	1	_	1					+		+	 		1						-		+
I-30 West	M-11	10/23/2012	1		<u> </u>	М	11-88		 	\vdash	 	┝╧╌	-	广	1	 		1		 	†	 	1									$\vdash \vdash$		+
I-30 West		10/23/2012	1			M	11-88A	 	-	 	+		 	\vdash	t		-	1	-		+		1	 	 							\vdash		╁╌┤

								Su	rface	Abo	ove N	/lanh	ole		Nee	d for	Repa	air		ı	Repai	ir Requir	eme	nt					Re			П	, E	T
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth	1	k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date R	1	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Medical Park Dr	M-12	10/4/2012		conc	5'7"	М	12-1	T	1		T	T T	1	1		 	✝	1	T	1 3	1	1			109					╈		屵		艼
Main	M-12	10/4/2012	1			М	12-M1B		<u> </u>	 	 			十	+-	+	+	1	╂	 	T	 	1		1	<u> </u>	 	 		 		+	1	+
Freds	M-12	10/4/2012			6'5	м	12-27	-	1	 	1	t	 	1	_	+	+-	╁╴	1-		\dagger	 	1		1	<u> </u>	1	 		+		+	 	+
Freds	M-12	10/4/2012			6'5	м	12-28		1		 	1	1	1		+	+	+	╁	 	1		 		1	 	 	 		+-		+	 	+
Murphy Oil	M-12	10/4/2012		pvc	23'1"	м	12-29	1	1	-	 	┪	╅	+	+	+-	1	+-	+	 	1	 	1	1	╁──	<u> </u>	1	+		+		+	 	+
Murphy Oil	M-12	10/4/2012		pvc	24'0"	М	12-30	1	1	 	 	1	t	1	+	+	广	+	T	 	+-	 	1	 			+	 		+	-	+	+-	十
Subway	M-12	10/4/2012	,	pvc	10'1"	М	12-31	\vdash	 	-	\vdash	1	†	+	\vdash	+	+	+	+	 	1	 	\vdash		1			 	 	+-		 	 	+
Wal-Mart	M-12	10/4/2012	 	pvc	6'0"	М	12-32			\vdash	 	宀	1	1	+	+	+	+-	 	 	+	†	 	 	†	1	1-	 		+		+		十
Wal-Mart	M-12	10/4/2012	1	710		М	12-33	1		-	-	 	†-	+	+	+	+-	1	╁┈	1	+-	 	1	-		 	1	+	 	+-		+	+	+
Kroger	M-12	10/4/2012		pvc	13'6"	М	12-35	1	 	 	†	 	1	1	1	+	+	+-	1-		1-	<u> </u>	 -		 	1	+	†		1		 	+	+
Kroger	M-12	10/4/2012		pvc	5'5"	М	12-36		1	-	1-	1	╁∸	1		+	+	+-	 	 	+	 	\vdash		╁		†	+		+		+	 	+
Medical Park Dr	M-12	10/4/2012	1	Pic		М	***************************************		H		\vdash	1	1	_	+-	+	+-	1	╁	<u> </u>	╁	 	1		 		+-	+-	 	+		+	+-	+
Medical Park Dr	M-12	10/4/2012	1		 	1	12-40A(NF)	1	<u> </u>	 	1	1	1		+-	+	+	† -	1-	1	╁──	-	1	 	╁──	-	+	+		+		+	+	+
Medical Park Dr	M-12	10/4/2012		pvc	4'7"	м	12-41	\vdash	 	-	-	1	┿	1	1	+	+	╁	1	1	╁	 	╁	 	†		+	+	1	+-		+	+	+
Medical Park Dr	M-12	10/4/2012	1	Pre	<u> </u>	М	12-41A	1	╁	1	 	╅	1	t	十	+	+-	1	╅	1	╅┈╴	 	1	 	╁		+	+	 	+		+-	 	+
Medical Park Dr	M-12	10/4/2012	_	pvc	2'9"	М	12-42	1-	1	 	1	1	1	1	╁	+-	+	╁╴	╁		+	1	Ť	 	┼─		+	+	 	+	 	+	+	-
Medical Park Dr	M-12	10/4/2012		conc	5'3"	М	12-49	-	1	1-	1	+-	1		1	+	+-	+-		1	1		1		1		+	+		+		+	 	+
Main	M-12	10/4/2012		conc	5'11"	_	12-50	1	┢	<u> </u>	1		1	1		+	+	+-	1		†	1	 		+		+	+	 	+-		+	+	+
W. Saline Dr	N-9	10/18/2012		HDPE	4'8"	N	9-1	1	1	 	+	1	+			+-	+-	+-	1-	 	†	1	╁	<u> </u>	\vdash	8/26/2	2010	+-	1 1	+		+-	 	
W. Sevier	N-9	10/18/2012		conc	7'5"	N	9-1A	1	1	+-	+-		╁	1		+	+	+-	╁		+		╁		+	0/20/	1	+	 	+-	 	+-	+	+
W. Sevier	N-9	10/18/2012	1	Conc		N	9-2		F	-	1		╁	十	+-	+-	+-	1	1	 	+	 	1	 	1		1	╁	<u> </u>	+-		+	 	+
Rio Grand	N-9	10/18/2012		conc	6'8"	N	9-3		1	 	1		+	1	1	+	+	╁╌	+	-	╁┈	 	╁∸		 	<u> </u>	1	+	<u> </u>	+-	 	+	 	+
Swanee Dr	N-9	10/18/2012		conc		N	9-4	-	1	1	+	1	-	-	1	+-	+-	+-	╁	1	+	 	 		+	8/26/2	2010	╁─	1	+		\vdash	+	\top
E. Saline Cr	N-9	10/18/2012		conc		N	9-7	-	1	+-	+-	 	+-	_	1	+	+	1-	1	 	+	1	-	 	+	1 5, 20,	1	 	 	+		1	\vdash	+
W. Saline Cir	N-9	10/18/2012		conc	6'4"	_	9-9	 	1	1		1	+	-	1	+	+	+-	1	1	1	 	1	 	1	8/26/2	2010	 	1 1	+	 	+	+	\dashv
Swanee Dr	N-9	10/18/2012		conc	6'10"	_	9-10	†	1	1	1	1-	+-	-1	1	+-	1	+-	+	 	-	1 -	+		1	1 5, 25,		+-	 	+		 		+
E. Saline Cr	N-9	10/18/2012		conc	15'4"	_	9-11	1	1	1	1	+-	+	-	1	+	+	+-	+-	1	+	 	+		1		+	t		+-	 	+	+	+
E. Saline Cr	N-9	10/18/2012		conc	5'11"	_	9-12	1	1		+	†	1	_	1	+	+	+-	1-	1	+	1	1	 	+	 	+	1	 	+		 	 	+
E. Saline Cr	N-9	.6/19/2013		conc	13'10"		9-13	1	 	 	1	1	+		1	+	1.	1	1	1	+	1	1	 	+	1	 	+	-	1		 	 	+
W. Saline Cr	N-9	10/13/2013		conc	6'1"	N	9-14	1	1	\vdash	+	+	+	-1-	1	+	+	-	1	1	+	+	1	1	†	-	+	+-		+		+	 	+
W. Saline Cr	N-9	10/18/2012		conc	6'5"	N	9-15	1-	1	1	1	+	+	- 3	1	+	+	+	1	1	+	1-	†	1		8/26/2	2010	1	1	+-		 	+	+
E. Saline Cr	N-9	10/18/2012		conc	3'4"	N	9-16		1		1	+-	-	_	1	+	+	+		1	+	+	1	-	1	8/26/		+-	1	+		+-	 	╅
E. Saline Cr	N-9	10/18/2012	-	conc	7'2"	N	9-17	\vdash	╁	\vdash	\vdash	1	+	-	1	+	+	+-	1-	1	+-	1	†	 	1	5,20,	7-0	+	 	+		+		+
Teresa Cr	N-9	10/18/2012	 	conc	6'1"	N	9-17A	\vdash	1	+	+	1	+		1	+-	+-	+	+-	1	+	 	+	 	T	1	+-	+-	 	+-		+	+	+
Heritage Hills	N-9	6/27/2013	 	clay	12'6"	_	9-18	+	╁	+	+	+	1		1	+	+	+-	+-	+	+	 	t	 	+	 	+-	+-	 	+		+	1	+
Heritage Hills	N-9	6/27/2013		clay	5'5"	N	9-19	\vdash	-	\vdash	+	1	+	_	1	+	+	+	+-	 	+-	+	1	 	+	 	+-	+-	 	+-		+	+	+

BENTON UTILIT	123 33 1	IAMIOLE IX	LIAIN	LCOK	D BA	I		C.	rface	Λho	ove N	4anh	olo	1	N. a.a.	for I	Zana		1		Popo	in Donuin						T ==	1	·		-	
									iiatt	ADO	IVE IV	7101111 T	T	-	T	for I	reha	1	1	1	T	ir Requir T	emei	π	1	Benefit of State		€p		1		xte	
STREET ADDRESS	Grid No.	Date Visually Inspected		Type of pipe	Depth _.	Lea	k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nc	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Heritage Hills	N-9	10/18/2012		clay		N	9-19A	1				1	T	T	╅	1		<u> </u>	1		1	1	-		1 1	T	╁		 	10 m		<u> </u>	+=
Heritage Hills	N-9	10/18/2012		clay	8'4"	N	9-20	Ħ			 	1	1	1	+-	╁	_	_	-		+	<u> </u>			-		+	<u> </u>	ļ		\vdash		+
Heritage Hills	N-9	10/18/2012		clay	7'3"	N	9-21					1	1	1	1-	†		_	╁		1-	 	-				1	 		 			+
Heritage Hills	N-9	6/27/2013		clay	7'7"	N	9-22				1	1	1	1	╁┈	1			t		1	1					+			 			+-1
Brent Ford	N-9	10/18/2012		pvç	7'10"	N	9-24					1	1	1	1	†	 		1	 	†	1	 				+	 		 		····	1-1
Brent Ford	N-9	10/18/2012		pvc	7'9"	N	9-25				<u> </u>	1		1	†	†	<u> </u>		T		†	 		;	 				-				+-1
Brent Ford	N-9	10/18/2012				N	9-25A		-		1			ŕ	1	nacti	ve		 	 	Fill	In Manh	nole	L	٠	*	+		1	 			+
Brent Ford	N-9	10/18/2012		pvc	9'5"	N	9-26				1		1	1	T	T	Ī		-	T	T	T	T		Τ		1	 	 	 			
Heritage Hills	N-10	10/18/2012		clay	6'2"	N	10-1				t	1	1	1	1	-	!		1		1	1					1	 	1			·	+
Heritage Hills	N-10	10/18/2012		clay	11'8"	N	10-2				1		t	1	†	1	1		t	t	†	1					1		1				+
Teresa	N-10	6/19/2013		pvc	7'3"	N	10-5				1		1	1	t^{-}	1			1	 	1	1		 	 		1	1	†				+
Teresa	N-10	10/15/2012		clay	6'6"	N	10-6	-	1	-	1	1	1	1	1	1	t				-	1		 			\top	 		 			+
Teresa	N-10	10/15/2012		conc	9'4"	N	10-7		1	,	1	T	1	1	1	†	T		t		1	1		<u> </u>	1		1	 	†	 			+
Pinewood	N-10	10/15/2012		conc	7'2"	N	10-8				1	1	1	1	1	1	†				1-				 		1-	<u> </u>					1
Pinewood	N-10	10/15/2012		conc		N	10-9		1		T		1	1	1	1	1				1	†					T^-	<u> </u>	 	<u> </u>			1
Pinewood	N-10	10/15/2012		conc	8'5"	N	10-12		1		1		1	1	1		 		T		1				1		1		 	1			+
Woodland	N-10	10/19/2012		HDPE	5'1"	N	10-13				1			1	1				1		1		-		1	1	\top		†	†			$\dagger \lnot \dagger$
Woodland	N-10	10/19/2012		HDPE	4'2"	N	10-14					1	1	1					T								1-		1				+
Woodland	N-10	10/19/2012		conc	6'0"	N	10-15		.,,,,,			1		1	1						1		1		†	4	1						+
Woodland	N-10	10/19/2012		conc	4'9"	N	10-16					1			1		1							1	1	1.	1			†			t
Woodland	N-10	10/19/2012		conc	5'2"	N	10-17					1		1	1						1						1		1			···· <u>(</u>	1
Venturi	N-10	10/19/2012	. 2.	conc	10'4"	N	10-18					1		1													1		1			,	+
Venturi	N-10	10/19/2012		conc	5'4"	N	10-19		1					1															†				T
Lenore	N-10	10/15/2012		conc	8'0"	N	10-21					1		1							1	1					1						1
Woodland	N-10	10/19/2012		conc	6'5"	N	10-23B		1					1							1						1						$\dagger \exists$
Woodland	N-10	10/19/2012		conc	5'2"	N	10-25					1		1		1													1			C 12494/1	\Box
Woodland	N-10	10/19/2012		conc	5'1"	N	10-26					1		1													1						\Box
Woodland	N-10	6/20/2013		conc	5'2"	N	10-27					1		1				7									1		1				+
Woodland	-N-10	6/20/2013		conc	5'1"	N	10-28					1		1																			\Box
Woodland	N-10	6/20/2013		conc	4'11"	N	10-29					1		1																			\Box
Pinewood	N-10	10/15/2012		conc	8'10"	N	10-35	1						1																			\sqcap
Pinewood	N-10	10/15/2012		clay	4'6"	N	10-36					1		1					3										1				\Box
Edgemoor	N-10	10/15/2012		conc	8'9"	N	10-37		1					1																			\Box
Woodland	N-10	10/15/2012		conc	3'7"	N	10-37A					1		1								4							1				
Edgemoor	N-10	10/15/2012		conc	7'2"	N	10-38		1					1								1											
Edgemoor	N-10	10/15/2012				N	10-39								<u>;</u> li	nacti	ve] ,								I^-						\prod

BENTON UTILIT	163 33 K	MANITOLL K	LPAIN	LCOK	U 67	1311	-	1 6	-f	Λ b .		4006	-1-	_	None	£ [_				- Di												
					ĺ			-	тасе	ADC	ve N	/iann	oie	1	Need	TOF	repai		-	K	epail	r Require	emer	וד			, /	'	(ep				X	
		Date Visually	Unable	Type of		Lea	k at Manhole Number	Concrete Pavem	Asphalt Pavement	Sidewalk Pavement	Grave	Gı	W	Z.				No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lir	Date Re	pair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
STREET ADDRESS	Grid No.	Inspected	to Access	pipe	Depth		Number	eg	ent	ent	¥e_	Grass	Wood	None	1st	2nd	Mo	ess	ole	n or lipe	ots	side hab	Ri Bi	ig o	Lining	Comple	ted	Ced	rough sealed t Pipe	\ed)utside Rehab	sed	led	ted
Edgemoor	N-10	10/15/2012		conc	6'10"	N	10-40		1		I	1		1													1					T		1
Edgemoor	N-10	10/15/2012		conc	3'7"	N	10-42		1					1	1																	\Box		
I-30 West	N-10	6/20/2013		conc	6'4"	N	10-43					1		1																		1	1	
I-30 West	N-10	10/15/2012		conc	16'11"	N	10-43A						1	1	T														**					
Venturi	N-10	10/19/2012	1			N	10-44(NF)	T							1			1					1							T	· · · · · · · · · · · · · · · · · · ·			
Venturi	N-10	10/19/2012		conc	6'4"	N	10-45					1		1																			1	
Venturi	N-10	10/19/2012		conc	7'8"	N	10-46		1			1		1	_							1								1			T	1
Pinewood	N-10	10/15/2012		conc	3'11"	N	10-47			1		1		1	-															1		1	1	1
I-30 West	N-10	10/15/2012	,	conc	6'2"	N	10-47A			1		1	1	1																	·			
I-30 East	N-10	10/11/2012		conc	6'2"	N	10-48	1				1		1																			1	
Grapevine	N-10	10/11/2012		conc	6'1"	N	10-48A			1		1		T			1				1									1				
Grapevine	N-10	10/11/2012		clay	5'8"	N	10-48B		1	1		1		1	1																· · · · ·			1
Whitewood	N-10	10/11/2012		conc	4'3"	N	10-50		1			Ī		1	1		1																	1
Grapevine	N-10	10/11/2012		conc	6'0"	N	10-51		1		1						1				1				1									1
Grapevine	N-10	10/11/2012		HDPE	3'9"	N	10-52					1		1																				
Whitewood	N-10	10/11/2012		conc	4'11"	N	10-54						1			1				1	1				1									
I-30 East	N-10	10/11/2012		conc	6'0"	N	10-54A(NF)					1		1	14																			1
Whitewood	N-10	10/11/2012		conc	7'1"	N	10-55					1	1	1																				T
I-30 East	N-10	10/22/2012	1			N	10-56(NF)							Г	1			1					1											
Whitewood	N-10	10/11/2012		conc	5'9"	N	10-57		1				Ι	1	1																			
I-30 East	N-10	10/22/2012		conc	7'10"	N	10-58					1		1																				
I-30 East	N-10	10/12/2012		conc	5'2"	N	10-59			T		1				1									1									
Venturi	N-10	10/19/2012		conc	4'9"	N	10-60						1	1																				
Venturi	N-10	6/20/2013		conc	4'7"	N	10-61						1	1																				
Venturi	N-10	10/19/2012		duct	4'1"	N	10-62						1			1									1									
Venturi	N-10	10/19/2012		duct	4'10"	N	10-62A					1		1																				
Brent Ford	N-10	10/18/2012		clay	4'6"	N	10-63			1	1			1																				
Woodland	N-10	10/15/2012		duct	3'3"	N	10-63A					1		1																				
Brent Ford	N-10	10/18/2012		pvc	4'7"	N	10-64						1	1																				
Brent Ford	N-10	6/19/2013		pvc	12'5"	N	10-65A						1				1								1									
Woodland	N-10	10/15/2012		conc	10'5"	N	10-67		1					1																				T
Woodland	N-10	6/27/2013		clay	5'1"	N	10-68					1		1																				
Teresa	N-10	10/15/2012		conc	9'5"	N	10-70						1			1				1	1				1									
Teresa	N-10	10/15/2012		conc	11'4"	N	10-73						1	1	:																			
Woodland	N-10	10/15/2012		conc	6'1"	N	10-74					1		1																				
Woodland	N-10	10/15/2012		conc	4'10"	N	10-75					1			ļ,	1				1	1				1									

BENTON UTILIT	1E3 33 K	MANHOLER	I	ECOR	<u> </u>	121V	1 3	1 c.		- A L		A l-	-1-	1																	,			
									ітасє Т	ADC	ove N	/lann	ole T	_	Need	tor I	кера	ır I	ļ	 	(epai	r Requir	emei	nt					Rep]			E E	'
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Type of	Donth	Lea	ık at Manhole Number	Concrete Pavemer	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1s	2nc	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Root	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Re	1	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Cross	N-11	Inspected 10/8/2012	1	Pipe	I Depth	N	11-2(NF)	<u>lä</u>	1	[큐	<u> re</u>	1 &	قا	l ē	 ₽	<u> ā</u>	<u> </u>		· · · · · · · · · · · · · · · · · · ·	% <u>Q</u>	ᅜ	 	T	3 9	<u>@</u>	Comple	ted	þ	ed gh	ä	5 6	<u> </u>	<u> </u>	<u> a</u>
Evans	N-11	6/27/2013		clay	5'11"	1	11-2(NF)		1	 	-		-	_			-	1			-		1							-				
Grapevine	N-11	6/27/2013		conc	5'6"	N	11-10	1	1	ļ		1	-	$\frac{1}{1}$	+	-	<u> </u>				 	 	<u> </u>							 	<u> </u>		 	4-
Grapevine	N-11	6/27/2013		conc	7'11"	N	11-10 11-10A(NF)	-	ļ	-		+	1		+	-												-		 		ļ	 	+
Grapevine	N-11	6/27/2013		conc	5'8"		11-10A(NF)	-	┼	 	-		1	1	+	-		-		1	-				-					-	ļ	_		4-
Narroway	N-11	10/8/2012			5'1"	N	11-105(NF)	-	├	-		-		┵	+	1	-	-	├	-	-				1					-				
Narroway	N-11	10/8/2012		conc	7'7"	N	11-15 11-15A	-	-		1	+-	1	-	+	1	 	-		1	╂				1					-	<u> </u>			1-
Narroway	N-11	10/8/2012		clay	5'8"	N	11-13A 11-16	-	 	-		1	1 -		_	1-	 	-	1	1	-	-	<u> </u>		1					 	ļ			1
Narroway	N-11	10/8/2012		clay	6'8"	N	11-16A	1		1		1	1	1		 	 		ļ	ļ	-									 			 	
Narroway	N-11	10/8/2012		clay	3	N	11-107			-		1	1	$\frac{1}{1}$		1	-		-		1		 							 				
Narroway	N-11	10/8/2012		conc	7'9	N	11-17	-	 	-	1	+-	 	┝∸	-	1	 		 	1	-		ļ		-	<u> </u>	!			-			 	+
Narroway	N-11	10/8/2012	-	conc		N	11-19	1	1	1-	.		-	1	+	+-	 		ļ		1	-	 							-		!	 	+
Narroway	N-11	10/8/2012		conc	8'4"	N	11-21		 	 	-	 	1		-	1	1			1	-	1			-	<u></u>	;			1	· · · · · · · · · · · · · · · · · · ·		 	+
Narroway	N-11	10/8/2012		conc	6'0"	N	11-21A	-	-		 	1	1		-	1	l —	-	 	1		1			1		1		· · · · · · · · · · · · · · · · · · ·	 			├──	+
Narroway	N-11	10/8/2012		clay	6'10"		11-22	1-				1	ļ	1		╁╧	 	-	╂		 				1				·	-			 	+
Dyer	N-11	10/8/2012		conc	1 .	N	11-25		1			╅╧	<u> </u>	$\frac{1}{1}$	+		 	 	!	 	1	1	ļ				1		-	₩			 	+-
Dyer	N-11	10/8/2012	1	conc	5'5"	N	11-25A	1	 -		-	1	<u> </u>	F		1	 	 	1-	ļ	1	<u> </u>			1					 			 	-
Narroway	N-11	10/8/2012	 	clay	4'10"		11-26	1	1	 	†	╅	<u> </u>	1		1	1	 	 	<u> </u>		 			1	·	(╂──				+
Evans	N-11	10/5/2012		conc	}	N	11-27	1	1					1	+				 			 								 				+-
Narroway	N-11	10/5/2012	1		1	N	11-28	1	+-	<u> </u>		1	1	Ė	+	1		1				 	1			<u> </u>				├				+
Dyer	N-11	10/8/2012		conc	6'1"	N	11-29		1	1		1	†	1	+-	1	†	 -				1								H				+-
Woodlane	N-11	10/8/2012		clay		N	11-32	1	1	1	1	†		1	1		1		1											-				+
Woodlane	N-11	10/8/2012		clay	5'6"	N	11-32A		1	1		1		1			1		1											 				+-
Woodlane	N-11	10/8/2012		pvc	7'10"			1				1			1	1	1		1	1														+
Dyer	N-11	6/27/2013		conc	 		11-34	t	1			T	1								1			 								\vdash		+
Narroway	N-11	10/8/2012		conc			11-34A	1	T	1	1	1		1	-			†				1			\Box									+
McCright	N-11	10/22/2012		conc		N		1	1			<u> </u>		1	1.	1	1					1 .	<u> </u>	ļ										+
McCright	N-11	10/22/2012		conc	5'10"		11-34C				1	1		1								1												+
McCright	N-11	10/23/2012		conc	6'6"	-	11-34	1	<u>.</u>			1	1																. i + '	 				+
Dryer	N-11	6/27/2013		conc		N	11-35							1	1																			+
Palmer Ave	N-11	10/22/2012		conc	+		11-35A					1		1	T													-						+
Palmer Ave	N-11	10/23/2012	1			N	11-35B		1			1			1			1			1	1												1
Palmer Ave	N-11	10/23/2012	1			N	11-35C		1				1					1	-				1				1				-			1-
Palmer Ave	N-11	10/23/2012	Ī -	pvc	5'4"	N	11-35D		1					1		1													· · · · · · · · · · · · · · · · · · ·					†
Woodlane	N-11	10/8/2012	- "	pvc	7'9"	N	11-36	1	1						1	1				1	T				1									+
Woodlane	N-11	10/8/2012		clay	7'3"	_	11-36A		1					1															<u></u>					1

					[Su	rface	Abo	ve N	lanh	ole	1	Need	for f	Repai	r		F	Repair	r Requir	emer	nt					Re				Œ.	T
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth	Lea	k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None		2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	. Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Re Comple	1	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Woodlane	N-11	10/8/2012		clay	6'11"	N	11-39		1							1					1				Ī									十
Woodlane	N-11	10/8/2012		pvc	8'11"	1	11-39A	1				1				1	1			1	1		1	<u> </u>	1									+
Woodlane	N-11	10/8/2012		clay	3'7"	N	11-40		1		1			1								<u> </u>	†		<u> </u>							 		+
Woodlane	N-11	10/8/2012		clay	2'9"	N	11-42		1		1			1		 	†				l		1		1				<u> </u>			Н		+
Woodlane	N-11	10/9/2012		clay	4'10"	N	11-42A						1			1				1	1	<u> </u>							****				<u> </u>	+
Woodlane	N-11	10/8/2012		pvc	1'8"	N	11-42B		1					1		1				<u> </u>												Н		1
Woodlane	N-11	10/9/2012		pvc	4'7"	N	11-42C	1			1		1	1											T							\Box		T
I-30 East	N-11	10/9/2012		clay	5'8"	N	11-42D	1			1		1	1		1					1				T								<u> </u>	\top
Woodlane	N-11	6/27/2013		conc	7'6"	N	11-43						1	1																				十
Woodlane	N-11	10/8/2012	1			N	11-43A						1			1		1																T
I-30 West	N-11	10/23/2012		pvc	9'0"	N	11-43B				İ	1		1											1									1
I-30 East	N-11	10/9/2012	1			N	11-46						1			Ī		1					1		1									1
I-30 East	N-11	10/9/2012	1			N	11-46A						1					1					1						· · · · · · · · · · · · · · · · · · ·					1
I-30 East	N-11	10/9/2012	1			N	11-47						1		1			1					1						*					T
I-30 East	N-11	10/9/2012	1			N	11-56						1					1					1		1									T
Woodlane	N-11	6/27/2013		Pvc	4'5"	N	11-59						1	1																				
Woodlane	N-11	6/27/2013		Pvc	4'1"	N	11-60						1	1																				T
Crestwood	N-11	10/5/2012		conc	5'10"	N	11-62					1		1								1												T
Crestwood	N-11	10/5/2012		conc	6'4"	N	11-63		1					1																				T
Crestwood	N-11	10/5/2012		conc	3'7"	N	11-65					1		1																				1
Crestwood	N-11	10/5/2012	1			N	11-66(NF)		1									1					1											T
Crestwood	N-11	10/5/2012		conc	3'10"	N	11-67		1					1																				T
Crestwood	N-11	10/5/2012		conc	9'1"	N	11-68		1					1																				1
Carpenter	N-11	10/9/2012		conc	8'8"	N	11-69					1		1												-								T
Carpenter	N-11	10/5/2012		conc	8'11"	N	11-70		1					1																				Τ
Market	N-11	10/5/2012		conc	3'7"	N	11-71		1					1																				floor
Carpenter	N-11	10/9/2012		pvc	7'9"	N	11-72		1					1																				\int
Market	N-11	10/5/2012		conc	5'10"	N	11-73		1					1																				\prod
Market	N-11	10/5/2012		conc	2'11"	N.	11-74		1					1																				
Hill Circle	N-11	10/9/2012		conc	5'2"	N	11-75					1		1																				$oldsymbol{\mathbb{I}}$
Market	N-11	10/4/2012		conc	4'2"	N	11-77					1		1	-																			
Market	N-11	10/4/2012		conc	2'11"	N	11-79					1		1	-										<u></u>									$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
Main	N-11	10/4/2012		conc	10'2"	N	11-82		1					1	+																	oxdot		
Short	N-11	10/5/2012		pvc	4'0"	N	11-83	1						1	+								$oxed{oxed}$	<u> </u>	<u> </u>									
Main	N-11	10/5/2012		conc	8'6"	N	11-83A		1					1	1									1								$oxed{oxed}$		$oldsymbol{ol}}}}}}}}}}}}}}}$
Crestwood	N-11	10/5/2012		conc	4'8"	N	11-84		1					1	1																		<u> </u>	

BENTON UTILIT	123 33 10	MANITOLL K	LIAIN	LCOK	7 07	ASIN	3	C.	-food	Abo	wo N	1anh	مآه	_	None	f 1	Done	:			Pana	i= D i-				T					·		T ==	
								Su	пасе	ADC	ve N	riann T	oie	╀	Need	Tor	кера Т	ır T		1	кера Т	ir Requir T	emer	nt			'		Rep				š	1
		Date Visually		Type of		Leal	k at Manhole Number	Concrete Paveme	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None		2	Lo	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Re	1 1	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
STREET ADDRESS		Inspected	to Access					Į ž	2	13	<u>è</u>	SS	18	<u></u>	1st	2nd	δ V	S	ĕ	8 9	Ĭğ	ab de	3	을 윽	2	Comple	ted	<u></u>	pe ed	e e	ab ab	<u> </u>	<u>e</u>	e d
Crestwood	N-11	10/5/2012		conc	3'1"		11-85			L	<u></u>	<u> </u>	1	1		L				<u> </u>														
Narroway	N-11	10/5/2012		conc	14'5"		11-86		1					1				<u></u>	L															
Narroway	N-11	10/5/2012		conc	12'1"	N	11-87		1		<u> </u>	<u> </u>		1																				
Narroway	N-11	10/5/2012		HDPE	17'0"		11-88		1					1		L																		
Narroway	N-11	10/5/2012		conc	10'4"	N	11-103		1					1																			1	
East	N-12	10/9/2012		conc	5'11"	N	12-23		1					1																				T
East	N-12	10/9/2012		conc	7'4"	N	12-24		1					1																				T
East	N-12	10/9/2012		conc	5'7"	N	12-35		1					1																				
King L/S	0-9	10/19/2012		conc	7'5"	0	9-2					1		1																				T
King Rd	0-9	10/22/2012		conc	3'8"	0	9-2A					1		1																				1
King L/S	0-9	10/19/2012	1			0	9-2C											1				1	1				Į.							1
King L/S	0-9	10/19/2012		conc	5'11"	0	9-3					1		1																			1	1
King Rd	0-9	10/19/2012		conc	3'7"	0	9-7		1				I	1							T											1		
King Rd	0-9	10/19/2012		conc	4'11"	0	9-7A					1					1						1											
Tyler	0-9	10/19/2012		conc	5'8"	0	9-8		1					1								1.		5										
King Rd	0-9	10/19/2012	1			0	9-8A(BR)											1					1										1	
Tyler	0-9	10/19/2012		pvc	7'8"	0	9-9					1		1							T												1	
Tyler	0-9	10/19/2012	1			0	9-9A											1			T		1											
Enwood	0-9	10/19/2012		pvc	5'6"	0	9-10		1]	1					1												1	
King Rd	0-9	10/19/2012		pvc	2'8"	0	9-13					1		1																			1	
King Rd	0-9	10/19/2012		pvc	4'5"	0	9-14					1	1	1			-																	1
King Rd	0-9	10/19/2012		pvc	2'10"	0	9-15					1		1											1				-,					1
King Rd	0-9	10/22/2012		conc	3'7"	0	9-18		1				1			1				1	1				1								†	1
King Rd	0-9	10/22/2012		pvc	3'1"	0	9-19					1		1	1															1			1	1
West South	0-9	10/22/2012		pvc	7'10"	0	9-20					1		1			1		1															1
West South	0-9	10/22/2012		pvc	8'0"	0	9-21					1		1																П				1
West South	0-9	10/22/2012		pvc	8'4"	0	9-22					1		1							1									T		1		1
Troutt	0-9	10/19/2012		HDPE	11'3"	0	9-23					1		1																				1
Troutt	0-9	10/19/2012		conc	8'9"	0	9-24		1					1														П					1	1
Troutt	0-9	10/19/2012		conc	6'8"	0	9-25		1					1					Ī		1					8/19/20	010		1	1			1	1
Troutt	0-9	10/19/2012		conc	5'2"	0	9-26		1					1																				1
Troutt	0-9	10/19/2012	1	-		0	9-26A		-					Г				1					1							П			T	1
Pike	0-9	10/19/2012		conc	8'6"	0	9-27		1					1	T	1		1								8/19/20	010		1	\Box				11
Pike	0-9	10/19/2012		conc	8'2"	0	9-28		1					1		T					1					8/19/20	-	П	1					1
West South	0-9	10/22/2012		conc	5'9"	0	9-28B	1			1	1	1		1	1	1	1		1	1			-										+
Bass Lane	0-9	10/19/2012		Vline	7'9"	0	9-30	1	1			1		_			1																†	1

								Su	rface	Abo	ve N	1anh	ole		Need	for	Repai	r		F	Repai	r Requi	reme	nt					Re				, K	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Type of pipe	Depth	Lea	k at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Ben	Remove Roots	Replace Lid/Outside Rehab		Seal Rim or Extension	Cementious Lining	Date Re Comple		Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Replace Lid/Outside Rehab	Rim Raised	Extension or Rim Sealed	Lining Completed
Bass Lane	0-9	10/19/2012		Vline	7'9"	0	9-31		1					1											-	8/18/2	010		1					1
Bass Lane	0-9	10/19/2012		conc	7'6"	0	9-32		1					1												8/10/2	010		1					1
Pike	0-9	10/19/2012		conc	6'6"	0	9-33	1						1												8/18/2	010		1					1
Pike	0-9	10/19/2012		conc	6'3"	0	9-35	1						1												8/18/2	010		1					1
Troutt	0-9	10/19/2012		conc	5'1"	0	9-36	1						1																				
Troutt	0-9	10/19/2012		conc	6'1"	0	9-37	1						1																				
Bass Lane	0-9	10/19/2012		conc	5'8"	0	9-38	1						1												8/10/2	010		1					1
Bass Lane	0-9	10/19/2012		conc	3'2"	0	9-39	1						1												8/10/2	010		1					1
Crouch	0-9	10/19/2012	1.0	conc	4'1"	0	9-40	1						1												8/11/2	010		1					1
	0-9	10/19/2012		conc	5'4"	0	9-41	1						1												8/11/2	010		1					1
Crouch	0-9	10/19/2012		conc	9'2"	0	9-42	1						1												8/10/2	010		1					1
Leander	0-10	10/9/2012	1			0	10-15(NF)											1					1											
Leander	0-10	10/10/2012		conc	3'7"	0	10-16	1						1																				
E. Sevier	0-10	10/10/2012		conc	6'5"	0	10-17	1						1																				
E. Sevier	0-10	10/10/2012	1			0	10-18											1					1										<u> </u>	
E. Sevier	0-10	10/11/2012		conc	9'0"	0	10-19	1								1				1														
E. Sevier	0-10	10/11/2012		conc	9'10"	0	10-22	1	<u> </u>					1							1													
E. Sevier	0-10	10/11/2012		conc	5'3"	0	10-23	1	<u> </u>					1																				
						_				<u> </u>										·····					<u> </u>								<u> </u>	1
T-1-1	ļ		445			ļ.,		26		<u> </u>	1	1000		۱		1	1	4.4.		40	1	ļ	1.5	1.6	1							 		1
Total	CEE		115	<u> </u>				30	241	0	11	226	93	45	6 8	36	40	115	U	40	21	11	108	16	31			0	17	0	0	4	0	17

Total No. MH

655

	<u> </u>	HOLE KEP				SIN 4	Su	ırface	e Abo	ve M	lanho	عاد		Need	for I	2ena	ir	Г	Po	nair	Requ	irom				_	T	-	T	_		
							-	1	1	1	31111	, ie	<u> </u>	veeu	101 1	reha				Pall	requ	ırem	ent									
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	N	Leak at Ianhole Iumber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	1 —	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
McCright	N11	11/1/12		4'1"	N	11-1		1					1													Ť		T	T			Ħ
Cross	N11	11/1/12		10'11"	N	11-3		1							1					 	 		1	1		╁┈	ļ	╁─				+
Cross	N11	11/1/12		14'5"	N	11-4		1					1							†						+	 	╁─	╁	-		+-
Cross	N11	11/1/12	1		N	11-9				7 81 1						_	1					1	,			+-	 	 				+
Cross	N11	11/1/12	1		N	11-9A					1						1			 	1	-	· · · · · · · · · · · · · · · · · · ·		 -	+-		1				+
S. Main	N11	11/6/12	1	-	N			1									1			 		1		Н		+		╁	┼	H		+
Market	N11	11/6/12	1		Ñ	11-92	1	1									1			 	1	1				+	<u> </u>	†		$\vdash \vdash$		+
North	N11	11/1/12		6'10"	N	11-93		1					1							1						╁		+	 			+
North	N11	11/1/12		12'11"	N	11-94		1							1								1	1		+	 	1		-		+
North	N11	11/1/12		6'4"	N	11-95		1					1							 					;	+		\vdash	 			+-
North	N11	11/1/12		7'10"	N	11-95A		1					1								1					1		1				1-1
Cross	N11	11/1/12		10'10"	N	11-96		1					1							1	1					†		1				+
Cross	N11	11/1/12	1		N	11-96 A		1					-				1			1		1				1		1	 			+
Market	N11	11/6/12		7'4"	N	11-99		1					1													1		 	† i	\vdash		+
S. Main	N11	11/6/12	1		N	11-100		1									1			1	1	1				1		1				+
Cross	N11	11/1/12		6'6"	N	11-102		1					1			-										1		 	 			+
Fairfield	09	11/5/12		5'8"	0	9-41		1					1										·			1		1	1			+-1
Fairfield	09	11/5/12		7'4"	0	9-42		1					1													1						1-1
I-30 Fairgrounds	09	11/5/12	1		0	9-43											1					1	* * * * * * * * * * * * * * * * * * * 			†						\Box
I-30	09	11/5/12		8'1"	0	9-44					1		1													1		† · · ·				1
I-30 Fairgrounds	09	11/5/12		8'3"	0	9-45					1		1												i			-				\Box
I-30 Fairgrounds	09	11/5/12	1	11'4"	0	9-46					1		1												İ							
I-30 Holland Chapel	09	11/5/12		11'11"	0	9-47					1		1																			
Airlane	09	11/5/12		14'6"	0	9-48					1		1										-									1
Airlane	09	11/5/12		11'2"	0	9-50					1		1																			
Airlane	010	11/5/12		13'6"	0	10-4		1				,	1		-																	
Airlane	010	11/5/12	:	7'0"	0	10-4A					1		1			,							-									1
Smith	010	11/5/12		7'11"	0	10-4B		1					1										,			1	<u> </u>			\dashv		+
Smith	010	11/5/12		5'6"	0	10-5		1					1			-			<u> </u>		\vdash			\vdash		1						+
Smith	010	11/5/12	1		0	10-5 A		<u> </u>	3				_				1		-			1				1			\vdash			
Bird	010	11/9/12		5'9"	0	10-6		1				1	1				-				Н	-		\vdash		1			$\vdash \vdash$			+
Maple	010	11/9/12		6'7"	0	10-7		1					1			H	-		<u> </u>					\vdash								+-1
Maple	010	11/9/12		6'5"	0	10-7A		1				一	1								$\vdash \vdash$;							\dashv		\vdash
Smith	010	11/5/12		5'9"	0	10-8		1				一十	1					-			\vdash					1						

· · · · · · · · · · · · · · · · · · ·	<u> </u>		<u> </u>			. , , -	Su	ırfac	e Abo	ve N	lanho	ole .	Γ	Need	for I	Repa	ir	<u> </u>	Re	pair	Requ	irem	ent			T	Τ						Т
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	٨	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None		2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Ren	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Sealed at Pipe	Bench and Trough Repaired or Hole	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Smith	010	11/5/12		5'0"	0	10-8A				1			1			Ī										Ť		*					Ħ
Smith	010	11/5/12		5'1"	0	10-8B					1		1													1	†						1
I-30 East	010	11/5/12	1		0	10-8C						1					1			T		1				1							†
Smith	010	11/5/12		2'1"	0	10-9		1					1																				十
Smith	010	11/5/12		4'5"	0	10-9A		1					1					 								T							\uparrow
Smith	010	11/5/12		6'7"	0	10-10		1					1													1	 						1
I-30 East	010	11/5/12		8'5"	0	10-11		1							1									1			1						T
Smith	010	11/5/12		8'10"	0	10-11 A		1					1			1									,					_	П		T
I-30 East	010	11/5/12		6'5"	0	10-12					1		1													1							T
Rasburry	010	11/5/12		7'7"	0	10-21		1					1													1						*****	T
W. South	010	11/6/12		5'10"	0	10-27					1		1														1						T
W. South	010	11/6/12	1		0	10-28			1								1					1	· · · · · · · · · · · · · · · · · · ·										\top
Conrad	010	11/6/12		13'11"	0	10-29		1					1																				
Conrad	010	11/6/12		3'10"	0	10-30		1								1						1											T
W. South	010	11/6/12		15'8"	0	10-31		1					1													1							
W. South	010	11/6/12		8'10"	0	10-32A			1				1																				
Rasburry	010	11/6/12		8'6"	0	10-33		1							1									1							\Box	***************************************	1
Ashley	010	11/6/12		10'4"	0	10-34		1							1									1									T
Ashley	010	11/6/12		7'9"	0	10-34A		1					1																				Τ
Lake	010	11/5/12	<u></u>	3'2"	0	10-35		1					1															,				***************************************	T
Ashley	010	11/6/12		9'4"	0	10-36		1							1									1									Γ
Conrad	010	11/6/12		4'8"	0	10-38					1		1																				Τ
Dobbs	010	11/6/12		5'1"	0	10-39		1					1																				
Dobbs	010	11/6/12		5'2"	0	10-39A		1					1																				Т
Dobbs	010	11/9/12		7'10"	0	10-39B					1		1																				Г
Smith	010	11/6/12		4'2"	0	10-40					1		1																				Г
Robinette	010	11/9/12		4'7"	0	10-40A						1	1																				Г
Smith	010	11/5/12		8'11"	0	10-41			-		1		1																				
W. Smith	010	11/6/12		6'10"	0	10-41A					1		1																				T
W. Smith	010	11/6/12		2'5"	0	10-41B	1						1																				
Jefferson	010	11/5/12		12'0"	0	10-42		1							1									1									

							Si	ırface	e Aha	ove N	1anh	ole	1	Need	l for F	?ensi	ir	Г	D.	nair	Requi	ro	ont			_		T	1	, ,		
					1			T	T	1	1	JIE		T	101	rehai		1	- Re	Pair	requi	rem	ent I	<u> </u>	!	-						1
STREET ADDRESS	Grid No.:	Date Visually Inspected	1	Depth	N	eak at Ianhole Iumber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	ַ פַ
Pine	010	11/9/12		4'6"	0	10-43					1		1	T						1				UQ.	i i	十	1 10 10 3	<u> </u>	1 4	<u> </u>	<u> </u>	十
Robinette/Marion	010	11/9/12		5'2"	0	10-46			1			1	_	1	1					1				1	1	+		┢	.			╀
Robinette	010	11/9/12		3'5"	0	10-46A		1	 	l		1	1	+	+ -					-				1		+-		-	-			+
Robinette	010	11/9/12	1	33	0	10-47	-	1	 	1		-		-	-				}	-	\vdash	_						_	<u> </u>			4
Robinette	010	11/9/12		6'1"	-		-	1						-			1					1			-	-		ļ				\bot
	1			9.1	0	10-47A					1		1							_						<u> </u>			<u> </u>			
Robinette	010	11/9/12	1		0	10-48	<u> </u>	1						1			1			<u> </u>		1										
Dobbs	010	11/6/12		13'6"	0	10-49		1					1																			
Dobbs	010	11/9/12	1	- I - II	0	10-49 A	<u> </u>	<u> </u>					<u> </u>				1					1										1
Dobbs	010	11/6/12		4'8"	0	10-50	<u> </u>	1					1																			1
W. South	010	11/6/12	ļ	5'10"	0	10-52	1						1																			十
Smith	010	11/5/12		12'4"	0	10-56		1					1																			T
Smith	010	11/5/12		14'5"	0	10-57				<u> </u>	1		1																			T
I-30 East	010	11/5/12		13'10"	0	10-58					1		1										·	7								1
S. Martin	011	11/1/12		3'9"	0	11-3		1					1																			\top
S. Martin	011	11/1/12		7'1"	0	11-4		1					1	3																		\top
Ashley	011	11/1/12		8'9"	0	11-8		1					1																			1
Ashley	011	11/1/12	ļ	4'7"	0	11-9		1					1																			1
W. South	011	11/6/12		6'11"	0	11-14		1					1													1						T
W. South	011	11/6/12		4'7"	0	11-15		1					1												Į.	Ÿ						†
W. South	011	11/6/12	1		0	11-15A			1								1					1				1 -						1
W. South	011	11/6/12		9'5"	0	11-16		<u> </u>	1				1																			
West	011	11/1/12	1		0	11-19		1									1					1										1
N. Martin	011	11/1/12	.,	5'3"	0	11-21		1					1																			1
N. Olive	011	11/1/12		4'0"	0	11-22		1					1																			1
N. Olive	011	11/1/12			0	11-23		1					1																			1
West	011	11/1/12		9'5"	0	11-27		1					1																			1
E. Sevier	011	11/1/12		13'2"	0	11-29		1							1									1	-							T
N. Richards	011	11/1/12		5'8"	0	11-31		1					1																			1
E. Sevier	011	11/1/12		9'1"	0	11-33		1					1																			1
E. Sevier	011	11/1/12		6'9"	0	11-34		1					1																			T
E. Sevier	011	11/1/12		4'7"	0	11-35		1					1																			1
Conway	011	11/1/12		3'3"	0	11-36A		1	<u> </u>				1																			T
Conway	011	11/1/12		3'11"	0	11-37		1					1																			T
Conway	011	11/1/12		6'4"	0	11-37A		1		L			1												i							1

							Su	ırfac	e Ab	ove N	/lanh	ole		Need	for R	epair			Re	pair I	Requi	irem	ent		1	Т	1	Т	T			Т
							Concrete		T	1								Replace	Bench					Cem		Mani	Benc Rep	RC	CC		Ext	ָ רום
	1	Date Visually	Unable to		N	eak at Ianhole	te Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None		2		No Access	ace Manhole	ո & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai	Manhole Replaced	ench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
	Grid No.		Access			lumber	급	+	글	<u>lè</u>	SS	8	ē	1st	2 a	<u>ه</u>	SS	ole	pe o	ğ	è	3	9 9	ğ.	Completed) ë	ough Hole Pipe)ed	ě	ěd	led	. eq
N. Olive	011	11/1/12		8'7"	0	11-38	<u> </u>	1	<u> </u>	<u> </u>	ļ		1																			
E. Sevier	011	11/1/12	1	40/5/	0	11-39	-	1	↓	↓_	ļ			<u> </u>	1 1		1					1			1							
Market	011	11/5/12		10'5"	0	11-44	-	1	 	 	<u> </u>		1		1										1							
Conway	011	11/1/12		3'3"	0	11-45	<u> </u>	1	↓	 	 	L.	1		\sqcup		_				Щ			<u> </u>	1.							
S. Main	011	11/6/12	1	41=11	0	11-46	1	1	 	 	<u> </u>				11	_	1					1										
Smith Fairfield	011	11/1/12		4'7"	0	11-67	_	1	-	-	<u> </u>	_	1		\sqcup	\bot																
Fairfield	P9 P9	11/5/12	1	10'6"	P	9-2	-	1	_	-	-		1	1-		_														\square		
Fairfield	P9	11/5/12 11/5/12	1	12'0"	P P	9-3 9-4	1-	-	-	-			<u> </u>	 	\vdash	-	1				\vdash	1							<u> </u>			\bot
Jackman	P9	11/5/12		11'7"	P	9-4		1	-	-	 		1		1 1										1		ļ		ļ			_
Jackman	P9	11/5/12		5'6"	P	9-5	-	1	-	-	-		1	 	$\vdash \vdash$						$\vdash \vdash \vdash$					4_						
Jackman	P9	11/5/12		15'8"	P	9-8	-	1	╀-	 	ļ		1	-	\vdash					ļ					ľ	<u> </u>		-		\square		\bot
Tee	P9	11/5/12		8'4"	P	9-9	┢┈	1	-	-	1		1	-	┢	\dashv						-		ļ	<u></u>	-		ļ		\square		\bot
Henry	P9	11/5/12		7'6"	P	9-11	╁	1	-	╂	-		1					H		ļ	-					4		_	ļ			_
Fairfield	P9	11/5/12		5'5"	P	9-12	╁	1	-				1	-	╀	-+									1			↓	-	igsquare		╀
U Street	P9	11/5/12		6'6"	P	9-13	-	1	┼	1	ļ		1	1	1 - 1		-									-		-				\bot
U Street	P9	11/5/12		8'5"	P	9-14	1	1	┼	 	-	-	1	-						-				ļ		╁	1	—	 	igwdap		4
U Street	P9	11/5/12	1		P	9-15	-	广	1	+			┝	-		-	1	\vdash		-		1	· · · · · · · · · · · · · · · · · · ·	-		-		 	ļ	 		_
Fairfield	P9	11/5/12		12'4"	P	9-17	-	 	 	1	1			-		1	┪	\vdash		1		-		-		-		ļ		\vdash		+
Fairfield	P9	11/5/12		11'8"	Р	9-17B	1	†	1	1	1		1	1		+				-								 		\vdash		+
Henry	P9	11/5/12	1		Р	9-18		1			<u> </u>		┝ <u></u>			\dashv	1			H		1				1		-	-			╀
Fairfield	P9	11/5/12		9'0"	Р	9-20		1	T		1		1	1		+	\exists					-				+		├	-			+
Henry	P9	11/5/12		9'3"	Р	9-19		1	t				1			+									-	+	 	-		 	 	+-
Henry	P9	11/5/12		7'0"	P	9-19B		1					1			_										+		\vdash		 	· · · · · ·	+
Airlane	P9	11/5/12		7'6"	Р	9-21					1		1			_	1			H				\vdash		+						+
Fairfield	Р9	11/5/12		8'11"	Р	9-21A			T		1		1			十	1			H						+		 	-			+
Fairfield	P9	11/5/12		10'1"	Р	9-22						1	1													+		ļ			'	+
Fairfield	Р9	11/5/12		9'11"	Р	9-23			1		1		1			+	1									1		 				+
Fairfield	Р9	11/5/12	1		Р	9-24					1					十	1			\vdash		1				1		 	\vdash	\dashv	· · · · · ·	+
Fairfield	P9	11/5/12		8'8"	P9	9-25						1	1			1	1								1					\dashv	·	+
Airlane	P9	11/5/12		8'6"	P9	9-27B					1		1			_	1													\dashv		+
Airlane	P9	11/5/12		9'10"	Р9	9-49					1		1			\neg	1									1	l			-+		1
Airlane	P9	11/5/12		8'5"	P9	9-61					1		1				7											 		-		+
Bird	P10	11/5/12		10'8"	P10	1				1			1									\neg										+
Bird	P10	11/5/12		8'9"	P10	1A					1		1						1							1				\dashv		十

BENTON UTILITIES S	SS MAN	HOLE REP	AIR REC	CORD	BASIN 4																					T					
			_			Su	ırface	e Abo	ve M	lanho	ole	1	leed	for F	Repai	r	,	Re	pair I	Requi	reme	ent							.	l	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repail Completed		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Bird	P10	11/5/12		12'3"	P10 2	1	i T	1	1			1		T															\Box		
Henry	P10	11/5/12		18'9"	P10 3		1	1				1																			
Henry	P10	11/5/12		18'7"	P10 3A		1	†	1			1												1							
Banner	P10	11/5/12		3'0"	P10 4		1	_			 	1																	\Box		
Ike	P10	11/5/12		17'11"	P10 4A		1	1			1	1	1						1												
Henry	P10	11/5/12		4'6"	P10 5	+	1				1	1							1												1
Henry	P10	11/5/12	1	70	P10 6	+	1	1	-		 	╁╌				1			t	1	1						1				
Banner	P10	11/6/12		6'0"	P10 7		1	1			1	1	 	 					 	1						1					
Rocky	P10	11/6/12	 	4'0"	P10 9	+	1	1	1		<u> </u>	1	1							1											
Bird	P10	11/5/12	 	4'3"	P10 10	-1-	╁╴		1	1		1	1	1									1								T
Bird	P10	11/5/12		8'9"	P10 11	1	+	1	1-	1		1		T						1											T
Spangle	P10	11/5/12		5'5"	P10 13	1	1	1				1	1	1	1																
Hazel	P10	11/5/12		5'11"	P10 15		1	1	1	1	1		1	1					1				1								
Hazel	P10	11/5/12		3'5"	P10 15A	1	1	1	1	1		1		1						1 -											
Spangle	P10	11/5/12		5'9"	P10 18		1	1		1	1	1				1				1.					_					-	
Spangle	P10	11/5/12		8'5"	P10 14		1	1				1																			
Thelma	P10	11/6/12	 	5'11"	P10 19		1	1		1		1												4					1		
Spangle	P10	11/5/12	 	4'8"	P10 20		1	_				1																			
Whispering Pines	P10	11/9/12		6'11"	P10 21	1			1	1		1																		<u> </u>	
Dobbs	P10	11/6/12		3'0"	P10 21A					1		1																↓			
Whispering Pines	P10	11/9/12		7'0"	P10 22							1																$oldsymbol{ol}}}}}}}}}}}}}}}}}}$		<u> </u>	
Thelma	P10	11/6/12		4'8"	P10 22A		1					1																Щ	<u> </u>		
Dobbs	P10	11/6/12		5'0"	P10 23		1					1					i i														
Star	P10	11/6/12		8'4"	P10 24		1					1															1	1_	1		
Jackman	P10	11/6/12		13'7"	P10 25		1					1																<u> </u>		↓	
Banner	P10	11/6/12	1	8'2"	P10 26		1					1											1					1	<u> </u>	<u> </u>	
Jackman	P10	11/6/12		12'11"	P10 27		1					1															1	 	₩	 	
Jackman	P10	11/6/12		10'8"	P10 27A		1					1											1		\perp		1	1	 		4
Jackman	P10	11/6/12		1/8/00	P10 27B		1					1								1		1				_	1	4	<u> </u>		_
Robinette	P10	11/9/12		17'5"	P10 28					1		1						1				<u> </u>	1_		_			4—	₩		+
Marion	P10	11/9/12		5'9"	P10 29					1		1			1						<u> </u>		1_		_		4	_	 	 	4
Jackman	"P10	11/6/12		4'5"	P10 30		1					1				1				┷	↓	1	4				+-	1-	+	 	4
Jefferson	P10	11/9/12		4'4"	P10 31					1		1								4-	1_		+-		4		-	+-	+-	-	+
Dobbs	P10	11/6/12		4'10"	P10 32		1					1	1_			1	1_			4-	 		—	<u> </u>		 	 	+-	+-	↓	_
Dobbs	P10	11/6/12		7'7"	P10 32A		1					1	1_					1				<u></u>							<u> </u>	<u> </u>	Щ_

BENTON UTILITIES					<u> </u>		Su	rface	Abo	ve M	lanho	ole		Need	for I	Repa	ir		Re	pair	Requi	rem	ent					Π	Ī			Т
		Date Visually	Unable to	:	1	eak at anhole	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave		Wood						Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Rep	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
STREET ADDRESS	Grid No.	Inspected	Access			umber		ğ	3	<u>ě</u>	Grass	ŏ	None	1st	2nd	\ \ \ \ \	ess	음 e	<u>ğ</u> ç	얆	ě	ĝ	ion	ji B	Completed	ĕ	ough Hole Pipe	<u>e</u>	e	ě	e ii	<u> e</u>
Robinette	P10	11/9/12	ļ.,	14'1"	P10	33	1	<u> </u>					1	↓ ′	↓	 		ļ		ļ						1_		 	<u> </u>			╁
Robinette	P10	11/9/12	1		P10	33A		ļ			1		<u> </u>	1	<u> </u>	ļ	1	ļ		<u> </u>					-	┞		<u> </u>	<u> </u>	 	<u> </u>	╁
Marion	P10	11/9/12	1	ļ	P10	34					1		<u> </u>	1	 	 	1			<u> </u>						<u> </u>		1				4-
Jefferson	P10	11/9/12	1		P10	35					1			1	↓_	!	1				1					Ļ	ļ	<u> </u>	<u> </u>		<u> </u>	╄
Jefferson	P10	11/9/12		6'2"	P10	36					1		1	1_'	ـــ	 	<u> </u>	<u> </u>	ļ	<u> </u>						<u> </u>		<u> </u>	-	 		╄
Jefferson	P10	11/9/12	1		P10	37					1		<u> </u>	4'	1		1		ļ	 						<u> </u>	ļ	↓	<u> </u>	<u> </u>		
Jefferson	P10	11/9/12		4'8"	P10	38					1		1		1	 		<u> </u>	ļ		igsquare					ļ	<u> </u>	1	1_	<u> </u>	<u> </u>	_
Pine	P10	11/9/12	ļ	3'10"	P10	40					1		1		↓_	1				<u> </u>						L	<u> </u>	 	_	<u> </u>		4
Pine	P10	11/9/12		3'8"	P10	41					1		1	1	↓_	<u> </u>		 	ļ	<u> </u>	\perp				.	↓		 	<u> </u>	<u> </u>	L	丄
Pine	P10	11/9/12		4'9"	P10	41A			1				1		<u> </u>	<u> </u>		<u> </u>								<u> </u>		<u> </u>	<u> </u>			1_
Pine	P10	11/9/12		3'5"	P10	42					1		1	1	<u> </u>	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>			· 4			1		<u> </u>	<u> </u>	<u> </u>		
Pine	P10	11/9/12		2'7"	P10	43					1		1		↓	<u> </u>	<u> </u>	<u>L</u>						<u> </u>		<u> </u>		<u> </u>	1	<u> </u>		
Jackman	P10	11/9/12		3'10"	P10	46					1				1			<u> </u>	1	<u> </u>							<u> </u>	<u> </u>		<u> </u>		
Bird	P10	11/9/12		3'7"	P10	44		1	<u> </u>				1					L					<u> </u>		1	<u> </u>		<u> </u>				┸
Bird _	P10	11/9/12	1		P10	45		<u> </u>									1					1			<u> </u>		<u> </u>	<u> </u>				┸
Jackman	P10	11/6/12		6'1"	P10	48			<u> </u>		1		1					L								<u> </u>	<u> </u>				<u> </u>	
Jackman	P10	11/6/12		9'7"	P10	49		1					1																			
Jackman	P10	11/6/12		5'2"	P10	50		1					1												Į.							
Jackman	P10	11/6/12		7'5"	P10	51		1					1																			
Jackman	P10	11/6/12		14'1"	P10	51A					1		1																			
Bird	P10	11/5/12		13'5"	P10	52				1			1																			Т
Jackman	P10	11/6/12		10'6"	P10	53					1		1																			Т
Rocky	P10	11/6/12		3'10"	P10	54		1					1																			
Thelma	P10	11/6/12		10'2"	P10	55		1					1																			\prod
Rocky	P10	11/6/12		4'0"	P10	56		1					1																			I
Thelma	P10	11/6/12	1		P10	57											1															
Rocky	P10	11/6/12		4'1"	P10	58		1					1																	I		Τ
Bird	P10	11/5/12	1		P10	59				1							1					1										T
Jackman	P10	11/6/12		9'8"	P10	60				1		1	1																			T
Spangle	P10	11/5/12	1	6'11"	P10	66		1					1	Γ														1				T
Niel	P10	11/5/12	1		P10	66(NF)A		ľ]	T	1					1										T
Holland Park	Q9	11/5/12	1		Q	9-1 A	1							T			1				1	1										Т
Holland Park	Q9	11/5/12		4'5"	Q	9-2					1				1				1													
Dale Avenue	Q10	11/9/12		18'2"	Q10	7		1					1						I													
River	Q10	11/9/12		19'10"	Q10	7B		1			1		1	T	1	1	T			1												T

							Su	rfac	e Abo	ve N	1anh	ole		Need	for	Repa	ir		Re	pair	Requ	irem	ent									
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	М	eak at Ianhole Iumber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	
Dale Avenue	Q10	11/9/12		16'5"	Q10	7C					1		1																			
Dale Avenue	Q10	11/6/12		6'1"	Q10	13					1		1																			
Dale Avenue	Q10	11/6/12		6'2"	Q10	14					1		1																			
Dale Avenue	Q10	11/6/12		4'10"	Q10	15		1					1																			
Spangle	Q10	11/6/12		3'1"	Q10	16					1		1																:			
Dale Avenue	Q10	11/9/12		4'2"	Q10	18		1					1																			
lke	Q10	11/9/12		14'10"	Q10	19		1					1																			
lke	Q10	11/9/12		14'9"	Q10	20		1					1.																			
Dale Avenue	Q10	11/9/12		13'4"	Q10	21		1					1																			
Bird	Q10	11/5/12	1		Q10	24											1					1										
Bird	Q10	11/5/12		3'3"	Q10	25		1							1									1								
Bird	Q10	11/5/12		5'6"	Q10	26					1		1																			
Totals			32				3	124	5	5	59	7	169	0	13	2	32	0	2	1	0	27	2	11		0	0	0	0	0	0	0

Total No. Manholes

216

							Sι	ırfac	e Abo	ove N	/lanh	ole		Need	for	Repai	ir			Repai	ir Requir	eme	nt	·		Ī	72	<u> </u>			Ü	一
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	. Replace Lid/Outside Rehab	Raise Rim	Seal Ext	Cementious Lining	Date Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Green	L13	5/30/12		9'8"	L	13-7	-	1	10	1 10	1	1 <u>0</u>	╬	+=	1-	1	نخا	l o	<u> </u>	1 22	1	13	15 5	100	Completed	قا	0 0 5	ع ا	ğ	ä	<u> </u>	擂
Military	L13	5/30/12		5'1"	L	13-7A	 	 			Ť	1	 	+	1		-	 			1	╂		1			<u> </u>	 			····	₩
Military	L13	5/30/12		6'8"	L	13-7B			1	1	1	1	1		-			1		ļ		 		+-		┼		-				+-
Military	L13	5/30/12		4'8"	L	13-8			 	 	1	<u> </u>	<u> </u>	 	1				1	+	 	 	 	1		┼		╂				┿
Green	L13	5/30/12		5'11"	L	13-17		1	†	1	1		1	\vdash	┢╧		_			+		<u> </u>	 	 		 		-				+
Ferguson	M12	5/31/12		7'1"	М	12-19	1				Ť		1	H	1	 	.	1	<u> </u>	┼─	1	 	 	1		\vdash	 	 				+
Alcoa	M12	5/31/12		5'	М	12-15A	-		T		 	1	亡	+	1			 		+	 	1	 	1		 	-		 			+-
Alcoa	M12	5/31/12		4'11"	М	12-15B	12			†	1	†	1	 	1		<u> </u>	 		†	 	\vdash		1	-	-		-	\vdash	\vdash		+
Military	M12	5/31/12		16'11"	М	12-16					1	 	1	 	 -		-	 		-		 	<u> </u>	-			<u> </u>	 		-		+
Military	M12	5/31/12		6'9"	М	12-17					1	<u> </u>	1	╆╌┤	-		-	-		+	 	╁				-		\vdash		-+		┿
Military	M12	5/31/12		16'2"	М	12-19		1	1	1	† -	 	1	 		-				+-		┼		-		├		 		-		+
Military	M12	5/31/12		5'10"	М	12-23		1	1		1	1	1	+	 		ļ	-		+	 	1		-		-		├	-	-		+
Military	M12	5/31/12		4'7"	М	12-23A		1			<u> </u>	1	一	├ ─┤	1		 -		1	+	 	 		1		 		 	-	\rightarrow		+
Candis Drive	M13	5/31/12	i	3'9"	М	13-1			† —	 	1	1	1	\vdash	† - -					1		 		╁╧		-		-	\vdash			+
Pine Circle	M13	5/31/12		4'9"	М	13-2	1000.0070	1					1	1	 			i		+				1				-	\vdash	-		+-
Doyle Drive	M13	5/31/12		3'6"	М	13-3	,		1		t	1	1	1				†		1-						 				_		╁
Doyle Drive	M13	5/31/12		4'9"	М	13-3A					1	1		1	1	1			-	1				1		 			 			╁
Sunset	M13	5/31/12		4'10"	М	13-4		1	<u> </u>	1	<u> </u>		1	1						+-				<u> </u>		-			\vdash			╁
Sunset	M13	5/31/12		6'3"	М	13-5		1		†	†		1	1						1		-				1				-+		╀╌
Doyle Drive	M13	5/31/12		5'10"	М	13-6			 	T	1		1							†						-			┪			+
Doyle Drive	M13	5/31/12		6'5"	М	13-7				1	1			1	1					†				1								┢
Oakwood	M13	5/31/12		6'1"	М	13-8		1	1				1							†				-						-		╀─
Military	M13	5/31/12		16'11"	М	13-9		1	 				1							1						 			1			╆
Military	M13	5/31/12	1		М	13-9A		1	1								1					-		 	!	 			\vdash			╁
Crystal	M13	5/31/12		8'1"	М	13-11					1				1				1	1	1	1		1				-	\vdash			+-
Sunset	M13	5/31/12		5'10"	М	13-13		1	1			1	1		·					1	-						<u> </u>			-	·····	╁
Military	M13	5/31/12		7'11"	М	13-14			1			1			1				1	1	1			1						\dashv		\vdash
Crystal	M13	5/30/12		3'1"	М	13-18		1	1			† <u> </u>	1						-	1	<u> </u>				-							+-
Military	M13	5/30/12		9'3"	М	13-27					1		1						<u> </u>	1								$\vdash \vdash$		\dashv		-
Crystal	M13	5/30/12		4'6"	М	13-24	<u> </u>	1	1		Ť	-			1				,,,,,	1				1				$\vdash \vdash \vdash$				-
Military	M13	5/30/12		6'5"	М	13-26		1	1			1				1		-		1	 	_		1	<u> </u>		\	Н	$\vdash \vdash$	+		-
Jameson	M13	5/30/12		3'6"	М	13-22		1							1	-		-		1			<u> </u>	1		\vdash	· - · · · · · · · · · · · · · · · · · ·					
Jameson	M13	5/30/12		3'2"	М	13-15					1		1		<u> </u>					1										\dashv		-
Jameson	M13	5/30/12		3'6"	М	13-19		1	†	 	<u> </u>		1							 									-			-
Jameson	M13	5/30/12	1		М	13-20		Ť	1	_							1			+	}	1		-				-	 			-

BENTON UTILITIES	1 T	T T T T T T T T T T T T T T T T T T T	AINTE	CORD	T	IN 5	c	-fa.co	Abov	o Ma	an be	ا مار		ام م م ا	fort) o noi) o no i	- Door in				<u> </u>	_	T					
								тасе	Abov	e Ma	arınc T	ле		veed	for R	repai	r	-	r	repai T	r Requir	emer	nt T	1		1	ဧို				χŧ	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ма	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Crystal	M13	5/30/12	1		М	13-16	•			T							1					1		Ī		T			Ī			T
Crystal	M13	5/30/12		3'7"	М	13-12		1					1						1					1	İ							T
Crystal	M13	5/30/12		2'9"	М	13-21		1							1				1					1		-						T
Conway	M13	5/31/12		6'2"	М	13-26A					1					1			1				· · · · · · · · · · · · · · · · · · ·							-		T
Conway	M13	5/31/12		6'7"	М	13-31					1				1				1	1										一十		T
Conway	M13	5/31/12		5'4"	М	13-31A					1		1			†								1						-		T
Hester	M13	5/31/12		9'4"	М	13-58					1		1											1	1.	1				十		T
S. East	N12	8/21/12		6'3"	N	12-1		1					1					1		1				1		1				十		1
Paradise	N12	8/22/12		8'5"	N	12-1A						1			1				1	1				1						_		1
Lillian	N12	7/11/12	1		N12	COA											1															T
Narroway	N12	7/12/12	1		N12	СОВ		1			****						1	1		1		1			1	1						T
S. East	N12	8/21/12		5'1"	N	12-12		1					1																	一十		1
S. East	N12	8/21/12		5'1"	N	12-13		1					1				l			1					ĺ							T
N. East	N12	8/21/12		4'1"	N	12-20		1					1																	\neg		1
S. East	N12	8/21/12		4'5"	N	12-25		1					1													1				\neg		†
Paradise	N12	8/22/12		7'0"	N	12-33					1		707 te st		1				1		1			1		1						T
Alcoa	N12	8/22/12	1	6'10"	N	12-36						1	1													1				一十		T
Virginia	N12	8/22/12		4'	. N	12-64B		ı				1	1																			1
Fourth	N12	8/22/12	1		N	12-65B		1									1					1			ĺ							T
Paradise	N12	8/22/12		6'8"	N	12-68						1			1				1	1			1	1	,							T
Paradise	N12	8/22/12		7'3"	N	12-68A		1				1			1				1	1				1	Į.							T
Belair	N12	8/22/12		6'4"	N	12-70						1			1				1	1			1	1								T
Paradise	N12	8/22/12		5'11"	N	12-70A						1		;	1				1	1				1		1						
Montclair	N13	8/6/12		6'0"	N	13-1					1		1																	\neg		T
Cox	N13	8/6/12		14'1"	N	13-2				1	1		1											1						一十		
Montclair	N13	8/6/12		6'2"	N	13-3		1					1								1					1						
Cox	N13	8/6/12		13'9"	N	13-4					1		1	4					1						Į.					十		1
Cox	N13	8/6/12		5'7"	N	13-5		1			-		1		Г															1		
Off Terry Dr	N13	8/6/12		4'2"	N.	13-6					1		1	1											1 -							
Border	N13	8/6/12		6'1"	N	13-7					1		1																			
Cox	N13	8/6/12		2'1"	N	13-13						1	1_	,						1											***************************************	
. Cox	N13	8/6/12		9'0"	N	13-14		1					1	1												1						
McKelvy	N13	8/6/12		2'2"	N	13-14A		1						1		1					1				I							
Cox	N13	8/6/12		7'0"	N	13-15		1		\neg			1																			Т
Cox	N13	8/6/12	1		N	13-16		1									1	1				1			l i							

BENTON UTILITIES	22 MIA	NHOLE KEI	AIK KE	COKD	BAS	SIN 5														.					l							
							Sui	rface	Abo	ve M	anho	ole	N	leed f	for R	Repai	r	L.,	<u> </u>	Repai	r Requir	emei	nt				Re				Ext	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	· 1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai Completed	1 2	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
North	N13	8/6/12		11'4"	N	13-17		1					1							Г		П						T				T
Sunset	N13	7/26/12		5'4"	N	13-24A		1					1							1		<u> </u>		1		1		1				†
Oakwood	N13	7/26/12		9'2"	N	13-24		1					1							1		†		1		1						<u> </u>
Benbrook	N13	8/6/12		6'2"	N	13-27A				1			1		1					T		<u> </u>		1		1		1	\vdash	一		
North	N13	8/6/12		4'11"	N	13-36		1						1						1		1		1		+		1	+	一十		
Hiland Circle	N13	8/6/12		3'11"	N	13-41		1					1		\dashv	М				1	†	1		1		+	†	1	T	\Box		
Hiland Circle	N13	8/6/12		5'6"	N	13-55	1								1					1	<u> </u>	<u> </u>		1		1		1	T	\Box		†
Hiland Circle	N13	8/6/12		3'8"	N	13-57		1			* * * * * * * * * * * * * * * * * * * *		1					1		†	<u> </u>	† · · · ·		1		1		†	1			\vdash
S. Richards	011	8/21/12		4'8"	0	11-5		1								1			1	1						1		1	1	一十		† ·
Maple	011	8/21/12		10'10"	0	11-5A		1					1							1	1	†		1		1		T	T			\dagger
S. Richards	011	8/21/12		6'1"	0	11-6		1								1		1		1	1	†			<u> </u>	1		†	1			T
Ashley	011	8/8/12	1		0	11-10		1									1	m		1		1				1		1	1-			
S. Richards	011	8/8/12		6'5"	0	11-11		1					1							1	1	†				+	†	+	1			<u>† </u>
W. South	011	8/21/12		4'5"	0	11-15		1					1							1	 			†		1		\top	1	\Box		T
W. South	011	8/21/12	1		0	11-17		1									1			1	1	1	1	1		1	1	T	1			十一
E. Sevier	011	8/8/12		5'10"	0	11-31		1					1		\neg					1	1	Ħ		1		1		1	1	一十		T
Conway	011	8/8/12	1		0	11-38		1									1			1	†	1		1		1		T				†
E. Sevier	011	8/8/12	1	i	0	11-39		1									1					1				1		T	T		/************************************	T
E. Sevier	011	8/8/12		4'9"	0	11-41		1					1							1	1	1		1		1		T	T	\Box		1
E. Sevier	011	8/8/12		5'2"	0	11-41A		1					1					1				1		1			,	1	1			\vdash
Market	011	8/21/12		4'2"	0	11-42		1					1					1						1		1		T	1			1
Market	011	8/21/12		4'4"	0	11-43		1					1								1	1	1					1	1			<u> </u>
Market	011	8/21/12		10'6"	0	11-44		1					1								1							1	1			
Conway	011	8/8/12		3'5"	0	11-45		1	:							1				1	1		1			\top		1		П		1
S. Main	011	8/21/12		3'9"	0	11-46		1					1							T						1		T				1
S. Main	011	8/21/12		13'7"	0	11-47		1					1				-				1			1		1		T		\Box		
S. Main	011	8/21/12		14'0"	0	11-48		1								1	-			1	1			1		1		T	1			1
S. Main	011	4/9/13		8'8"	0	11-48A		1					1					1			1	1			04/09/13	1				1		
W.South&Market	.011	8/21/12		5'7"	0	11-49		1					1							1									П	\Box		
Market	011	8/21/12		3'11"	0	11-50		1					1															1	\Box	\Box		
W. South	011	8/21/12		4'10"	0	11-51		1					1							1						1		T				
W. South	011	8/21/12		5'7"	0	11-52		1							1				1									T				
River St.	011	8/8/12		5'2"	0	11-53		1					1		\neg					1						1			П			П
S. Main	011	8/21/12		5'1"	0	11-55		1					1					1								1		Г			*************	
Ashley	011	8/8/12		4'4"	0	11-54		1					1	,			-			1						1			П	\Box		

BENTON UTILITIES	55 IVIA	NHOLE REI	AIK KE	COKD	RAS	SIN 5	_																									
						·	Su	rface	Abc	ve N	lanh	ole	1	Veed	for R	Repai	r		F	Repai	r Require	emer	nt				Re				Ext	
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Market	011	8/21/12		4'2"	0	11-56		1	T		<u>.</u>		1				S	1 (0	10 -	1	I O NO	-2-	2 3	1 079	Complete	+ =	1 10 12 3	1				┿
River St.	011	8/8/12		7'10"	0	11-57		1					1				.,			┼						+			+ +	-		+
River St.	011	8/8/12		6'1"	ō	11-58		1	 			-	1					 	 	 						+		-	1	\dashv		+-
Smith	011	8/21/12		7'2"	0	11-59		1	 				1					 	 		1	-			 	-		-	+	-+		+
S. Main	011	8/21/12	1		ō	11-60		1				_					1	-		┼─		1			1			+-		\dashv		+
S. Main	011	8/21/12	 	7'7"	0	11-60A		1	†		- P- L-					1	-	-		1	1	<u> </u>	<u> </u>				<u> </u>	1	\mathbf{H}	-+		+-
Market	011	8/21/12	1		0	11-61	H	+-	 							\vdash	1	 		1	 	1		-		+		1	+ +			+-
UALR	011	8/21/12	1		0	11-62		1	-								1			1	 	1				+		 	1-1	\dashv		+
River St.	011	8/21/12		6'3"	o	11-63	<u> </u>	1	 				1				-		 	1		-				+	 	+	1 1	一十		+-
River St.	011	8/8/12		5'9"	ō	11-64	-	1	†				1												1	+		+-		\dashv		+
Carter	011	8/8/12		7'3"	0	11-65		1				-	1							1								╁	+	\dashv		+
Smith	011	8/8/12	1		0	11-66	_	1									1					1					 	 	1-1	\dashv		+
UALR	011	8/21/12		4'6"	ō	66A	-	 	1		1		1					1		1					4	+		1	1 1	-		+-
Ashley	011	8/8/12		6'1"	0	11-68		1	-				1					1		1						_			1	_		+
Smith	011	8/21/12		4'5"	0	11-69		ऻ	1				1							1						+		╁	1	\dashv		+
Ashley	011	8/8/12		4'11"	0	11-70	 -	1	 				1		·				1	1	 		!			+		1	1	\dashv		+
S. East	012	8/21/12		7'10"	0	12-1		1					1							1-	†					+	 	1		\dashv		+
S. East	012	8/21/12		4'7"	0	12-9		1					1						 	1	†		 					1	f	\dashv		+
S. East	012	8/21/12	ì	4'9"	0	12-15	ļ	1					1					1	1	†	1		 			\top						+
S. East	012	8/21/12		2'10"	0	12-21		1					1					1	1	1	1					1	†	 	f	\dashv		+
Fourth	012	8/22/12	1	-	0	12-26	ļ	1				1					1		1	1			 			1			1 1	一		1
E. Sevier	012	8/22/12		3'4"	0	12-27			1		1				1			1	1	1				1		1	1		1 1			1
E. Sevier	012	8/22/12		6'10"	0	12-34	1	1					1							1	1						1			_		+
Princeton	012	8/22/12		6'5"	0	12-36					1				1					1				1		1						1
Park Lane	013	8/7/12	1		0	13-1		1									1			T		1				1		1		\dashv		T
Park Lane	013	8/7/12		5'11"	0	13-2	<u> </u>	1							1				1					1		1			1 1	1		1
Hoover	013	8/7/12		5'0"	0	13-2A		1					1												-				1 1			1
Hoover	013	8/7/12		6'4"	0	13-3		1						•	1			1			1			1						\neg		
Tyndall Park	013	8/7/12		13'4"	0	13-4					1		1	Ţ		- 1			1	,												T
Border St.	013	8/7/12		9'1"	0	13-5		1					1						1							1				\Box	-	
School Drive	013	8/7/12	,	4'5"	0	13-6					1		1															Ī				1
School Drive	013	8/7/12		5'4"	0	13-7					1		1												i.					\Box		
Сох	013	8/7/12		6'4"	0	13-8		1					1	-					1													
Border St.	013	8/7/12	1		0	13-9		1	L								1					1										
Border St.	013	8/7/12	1		0	13-10		1									1		1	1		1										

BENTON UTILITIES				-		SIN 5	Su	rface	Aho	ve Ma	anho	le l		Jood	for F	Rena	ir			Panai	ir Requi		<u> </u>			_	1 7	-	_			,
			.						Т	T IVI	1	,,,,		veed	101 F	reha	I	1	1	Tepai	1	emei	nt -	Т—	ļ	1	Ê				Exte	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	xtension or Rim Sealed	Lining Completed
School Drive	013	8/7/12		7'2"	0	13-11				Ī	1		1				<u> </u>	Ī	T T	T	1	†	1 3	l		 	1 10 12 3	1 -	1 4		<u> </u>	무
School Drive	013	8/7/12		6 ¹ 9"	0	13-12	1			1					1				1	 				 		+		+				+-
Tyndall Park	013	8/7/12		3'11"	0	13-13						1	1						1	1	1	1				+	1	╂				╁
Tyndall Park	013	8/7/12		8'1"	0	13-13A					1		1				-	 		+		1		 		+		-	-			+
E. Sevier	013	8/7/12		8'0"	0	13-14				1	1		1	,				†		1		+		 		-		╫		\vdash		+-
Border	013	8/7/12		5'1"	0	13-15		1							1	<u> </u>	<u> </u>	1		1-		1		1		1		\vdash	+			+-
E. Sevier	013	8/7/12		9'6"	0	13-16					1				1			1	1	1				1		+-		1	 	\vdash		+-
E. Sevier	013	8/7/12		5'3"	0	13-17					1			1				1	1	1		1		1	1	+	<u> </u>	-		\vdash	-	\vdash
E. Sevier	013	8/7/12		8'6"	0	13-17A				1	1		1	\vdash				1	 	1				+		+		\vdash				1-
E. Sevier	013	7/24/12		6'10"	0	13-18		1					1					1		1		-		-		+-		1				┼
Second	013	7/24/12		8'5"	0	13-18A		1					1					†		1		1		 		+		-				├
Border Circle	013	8/7/12		5'8"	0	13-20						1	1					-		1	 	-				+			\vdash			┼—
Border St.	013	8/7/12		4'11"	0	13-21		1							1				1		1			 		-						
Border St.	013	8/7/12	1		0	13-21A									<u> </u>		1	†		1	<u> </u>	1				+		-	-			
Border St.	013	8/7/12		5'5"	0	13-22		1					1				-	†		1		 		\vdash	1	+		-	-			╁
Border St.	013	8/7/12		8'11"	0	13-23	,	1					1					1	<u> </u>	1								 				
School Drive	013	8/7/12		4'2"	0	13-24		1					1					1						 - 	!'	+-		 				
School Drive	013	8/7/12		3'5"	0	13-25		1		-			1							1-	 				<u> </u>	+		 	1			├
School Drive	013	8/7/12		3'8"	0	13-26		1		1			1				<u> </u>			1					1	+		-	 			┼
Village Drive	013	8/7/12		5'10"	0	13-32				1					1				1	 			7			 		╁		-+	· · · · · · · · · · · · · · · · · · ·	├
Shirewood Court	013	8/6/12	,	5'4"	0	13-35					1		1					1		1						+		1				├
Shirewood Court	013	4/11/13		5'10"	0	13-35A					1		1									1			04/11/13	+	 	├	1	1		\vdash
Shirewood Court	013	8/6/12		5'3"	0	13-35B					1		1								1	1			0 1/ 12/ 13	+		 		*		├—
Winstone Avenue	013	8/6/12		5'7"	0	13-36					1		1	-1							1					-			-			┢
Cobblestone Court	013	8/6/12		4'9"	0	13-37					1		1													╅	 	-				-
Winstone Avenue	013	4/11/13		6'	0	13-38					1		1									1	,		04/11/13	1			\vdash	1		
Winstone Avenue	013	4/11/13		6'2"	0	13-39					1		1	Ţ								1			04/11/13	+	†	-	 	1	· · · · · · · · · · · · · · · · · · ·	—
Winstone Avenue	013	8/6/12		6'5"	0	13-39A					1		1				i .			1					7 7 2 7 2 7	+	 	 	\vdash	-+		-
Baywood Court	013	8/6/12		4'8"	0	13-40			1		1		1				i					1				+			 			-
Cox	013	8/6/12		3'8"	0	13-41		1								1			1	1						+						-
Cox	013	8/3/12		5'1"	0	13-42		1			1		1	1					- -	1	1	1				+-			┝─┤			-
Cox	013	4/11/13		4'8"	0	13-42A					1		1	1					 			1			04/11/13	1			┝╌┤	1		
Cox	013	8/6/12		5'3"	0	13-43		1	1		\dashv		1						l	1	 	1			- 1/ - 1/ 13	+	 		 	-+		
Village Drive	013	8/7/12		5'7"	0	13-44				+	1		1													+-						
Village Drive	013	8/7/12		4'0"	0	13-45				+	1		1			$\vdash \dashv$	-			1				\vdash		+-				-		$\vdash\vdash$

BENTON UTILITIES	JO IVIA	MUOLE KEI	AIR KE	COKD	DAS	IN 5			A.			_	_						<u>-</u>									,				
						,	Şu	rtace	Abo	ve M	anho	ole		Veed	for R	Repai	r		F	Repai	r Requir	emer	nt		1		Rep				Ext	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Village Drive	013	8/7/12		4'6"	0	13-46					1		1							Ī				T				T				十二
Village Drive	013	8/7/12	1		0	13-47				1	1						1							 		1	 		1		·	+
Village Drive	013	8/7/12		4'6"	0	13-48					1	-	1				_			1				 		+		╁──	1-			+
Village Drive	013	8/7/12		4'3"	0	13-49			1				1					-				 		 		+-	-	1				+
Hazel	P11	8/13/12	,	7'2"	Р	11-1		1					1											\vdash	-	1		1				+
Hazel	P11	8/13/12		6'7"	Р	11-2		1					1								†			 		1				一十		+
Hazel	P11	8/13/12		4'6"	Р	11-3		1					1							 			<u>.</u>		1	+	 	1	1		***************************************	+
S. Richards	P11	8/13/12		7'3"	Р	11-5		1					1								<u> </u>			一	1	1		1	†			+
S. Richards	P11	8/13/12		5'10"	Р	11-6					1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1				1		 	 	 	1		\top		1	1			+
Hazel	P11	8/13/12		5'4"	Р	11-7					1				1				1	1				1			 	1	1			+
Hazel	P11	8/13/12		4'8"	Р	11-7A					1		*****		1				1	1				1	1	_	<u> </u>	1	†			+
Burton	P11	8/8/12		11'7"	Р	11-8						1			1				1	1				1			† · · · · · · · · · · · · · · · · · · ·	†	1		****	+
Burton	P11	8/8/12		10'8"	Р	11-9						1	1									 			1	_	†	1	1			+
Burton	P11	8/8/12		5'11"	Р	11-10		1					1											<u> </u>		+	†	1	1		· · · · · · · · · · · · · · · · · · ·	+
S. Richards	P11	8/8/12		4'3"	Р	11-13		1					1												1		<u> </u>	T	1			†
Westbrook	P11	8/8/12		12'10"	Р	11-14			,	1	1				1									1		_	1	1	1			+
Parker	P11	8/8/12	,	3'2"	Р	11-15		1			-		1		П					1				1		1						+
Parker	P11	8/8/12		14'10"	Р	11-16		1					1									1		t		1			1			1
River St.	P11	8/8/12		20'9"	Р	11-18		1					1							1		1				1		1	1			+
Jackman	P11	8/8/12		5'3"	Р	11-19		1					1											1				1	1		* * * * * * * * * * * * * * * * * * * *	
Jackman	P11	8/8/12		14'9"	Р	11-20		1		1	1				1									1			†	1				1
S. Richards	P11	8/8/12		11'8"	Р	11-22		1							1						1			1		1						十
River St.	P11	8/13/12		24'9"	Р	11-23		1					1												1			1		一十		1
River St.	P11	8/13/12		25'4"	Р	11-24			1				1															1				1
S. Richards	P11	8/8/12		10'1"	Р	11-25		1					1															1				T
Pine	P11	8/8/12	1		Р	11-27		1									1					1						1			,	†
Pine	P11	8/8/12		4'8"	Р	11-08		1					1																1			1
Pine	P11	8/8/12	1	<u> </u>	Р	11-29		1									1					1		Γ		\top	1		1			T
White	P11	8/8/12		6'1"	Р	11-31		1					1								-				T							
White	P11	8/8/12		7'0"	Р	11-32		1					1													1						1
Pine	P11	4/12/13		4'7"	Р	11-33		1					1									1			04/12/13	1				1	 	T
Pine	P11	8/8/12	1		Р	11-34		1				Ì		,			1		,			1				1			1			1
Pine	P11	8/8/12		5'0"	Р	11-35		1				,	1	1												1						T
Pearl	P11	8/8/12		8'8"	Р	11-36		1						ļ	1									1	Ī	丁		1				
S. Market	P11	8/13/12		4'4"	Р	11-37		1					1	1		7										1						

BENTON UTILITIES	1	THE RE		COND	DA.	5IN 5	Τς.		- A l-		4 1	1 -	_		16			1							<u> </u>		- -				,	
	1						\vdash	urface T	1	ove r	viant T	nole T	-	Need	d for I	кера	ır I	<u>.</u>	1	Kepai	r Requir	emer	nt				Rep			i [Ext	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	- 1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
S. Main	P11	8/13/12		4'10"	Р	11-39		1							П	1				T	1			-				Ī	Î			T
S. Main	P11	8/13/12		4'5"	Р	11-40		1							1	1				1	1					1						+
S. Market	P11	4/12/13		3'2"	Р	11-41		1					1			1						1		1	04/12/13					1		+
S. Main	P11	8/13/12		3'6"	Р	11-42		1					1		1					1				1		1						+
Pearl	P11	8/13/12		4'11"	Р	11-43		1	1				1		1		1	1		1									H	$\neg \uparrow$		+
Pearl	P11	8/8/12		4'0"	Р	11-44		1	1				1			1		1					<u> </u>			1			1	\rightarrow		+
Pearl	P11	8/8/12		7'6"	Р	11-45		1					1		1			1-	1	1				1		†						+
Elm	P11	8/13/12		3'0"	Р	11-46		1					1				1	1	1			1										+
S. Market	P11	8/13/12		4'4"	Р	11-47		1	1				1	1	1			1						1-		1	<u> </u>	 				+-
S. Main	P11	8/13/12		4'9"	Р	11-48		1					1	1	1	1		1								1						+
W. Walnut	P11	8/13/12	1		Р	11-49		1							1		1		1			1		1		 				\rightarrow		+
S. Main	P11	8/13/12		5'3"	Р	11-50		1						1	1	1		1			1		· · · · · · · · · · · · · · · · · · ·		i i	1				\rightarrow	-	+
S. Market	P11	8/13/12		7'2"	Р	11-51		1	1					1	1	1		1			1		\		4	1-						+-
Pearl	P11	8/8/12		7'7"	P	11-52A		1				1	1		1			1		1						1						+
Pearl	P11	8/8/12		5'1"	Р	11-52		1					1		1			1-	<u> </u>	1			·····			1						+
Hazel	P11	8/13/12		5'11"	Р	11-55		1					1	1	1			1		1			ļ			1			\vdash	\neg		+-
Market	P11	8/13/12		6'11"	Р	11-56		1					1		1			1		1						1			\vdash	$\overline{}$		十
S. Market	P11	8/13/12		5'11"	Р	11-57		1	1				1	1				1		1						1						+
Hazel	P11	8/8/12		6'9"	P	11-58	1	1					1		1			1		†						1						+
Walnut	P11	8/8/12	1		Р	11-60											1	1				1				1				\dashv		┿
Walnut	P11	8/8/12	1		Р	11-61		1					1			1	1	1				1				 						+
Walnut	P11	8/8/12		18'7"	Р	11-62	1	1				1	1				1	1							İ	 				\dashv	*****	十
Gaunt	P11	8/5/12		18'3"	Р	11-63	1	1					1				1			+						\vdash			\vdash	\dashv		+
S. Richards	P11	8/8/12		5'10"	Р	11-64	Î	1					1													 	· · · · · · · · · · · · · · · · · · ·					+
S. Richards	P11	8/8/12	1		Р	11-65		1			1	1		1		1	1	1				1				 				_		+
Gaunt	P11	8/13/12		4'8"	P	11-66	Г	1	1	T	<u>† </u>	1	1		T	T		1			 				*	1		 	\vdash			+
River St.	P11	8/13/12		6'3"	Р	11-67	1	1				1	1	_	1	1				1	†	\Box			 	1						+
Jackman	P11	8/8/12		4'2"	Р	11-68	T	1					1		T		t			1				1		 		\vdash	 	\dashv		+
Gaunt	P11	8/8/12		~ 7 '0 "	Р	11-69		1				1	1		1	1	1									1				\dashv	***************************************	+
Jackman	P11	8/8/12		6'1"	Р	11-70		1	1	1		1	1	_	†			1		1										+		+
Jackman	P11	8/8/12		6'5"	Р	11-71		1					1	_	1	1	†	1		T						1				+		+
Hazel	P12	8/14/12		8'2"	Р	12-1		1		1	1		1		1	1		1		1	1				-	1			-	+		+
S. East	P12	8/14/12		9'6"	Р	12-2		† -		<u> </u>		1	1	1	 	† <u> </u>		1		1	 								\vdash	+		+
S. East	P12	8/14/12		9'8"	Р	12-3	1	1	T		1	1	1	1	T		 	1		+										+		+
S. East	P12	8/14/12		8'10"	Р	12-4	t	1	1	 	T	1	1	+	\vdash	1	—	1		+							····-		-	\rightarrow		+-

BENTON UTILITIES	OS IVIA	NHOLE REI	AIR RE	CORD	BA	SIN 5					-													}	1						
							Su	rface	Abov	e Mai	nhole		Nee	d for	Repa	ir		R	Repai	r Requir	eme	nt			-	Re				E X	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete	1 2	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
S. East	P12	8/14/12		9'2"	Р	12-6				T	1	-			 	1			ľ	100	12	3 3	T T	Complete	++	1 10 0 3	18	╄┩	<u> </u>	<u> </u>	+-
Off Edison	P12	8/14/12		8'7"	Р	12-9				-+-	i -	1		1	1				 		 		+		+		 	 			+
S. East	P12	8/21/12		4'8"	Р	12-10		1		+		+			1	 				1	 		+		┥			+			+
S. East	P12	8/21/12		5'6"	Р	12-11		1	_	+			+-	_	╅	 					 				_		 	+			-
Edison	P12	8/14/12		8'3"	Р	12-12		1	$\neg +$	\dashv	1	_			†						 		-				-	┼─┤			+
Pearson	P12	8/14/12		7'6"	Р	12-13		1		\dashv	_	+			1		-		-		 		+				1	+			+
Edison	P12	8/14/12		8"0"	Р	12-14		1				1	_		1					—	 		+		+		+	+			+-
Edison	P12	8/21/12		12'10"	Р	12-16		1		1		1		1	1						1		1	1	+		-	+			+
First	P12	8/14/12		5'9"	Р	12-18		1				_		1-	1					1			†				-	+			+
S. East	P12	8/21/12		2'8"	Р	12-20		1				1		1	1	†				-	<u> </u>		+-			<u> </u>	├	+	├		+-
First	P12	8/14/12		6'4"	Р	12-22		1		1				+	1	†				1	1		+				 	H	\vdash		+-
First	P12	8/14/12	1		Р	12-23		1				╅		+-	1	1				-	1						ļ	+			+
Maple	P12	8/14/13		4'3"	Р	12-24		1				1	i İ	+	1	1					 -			1	-	 	<u> </u>	+		-	+
Maple	P12	8/14/12		5'11"	Р	12-25		1		1	-1-	1				†					 		1		+	<u> </u>	<u> </u>	+-+			╫
Maple	P12	8/14/12		4'5"	Р	12-27		1			\top	1			1						1				+-	<u> </u>	<u> </u>	1-1			+-
S. East	P12	8/21/12	1		Р	12-28		1		1	1		1			1					1	<u> </u>					╁	\vdash		-	+-
Second	P12	8/14/12		8'8"	Р	12-30		1		1		1											1				 	\vdash			+-
Schley	P12	8/14/12		6'7"	Р	12-31		1		1		1		1	1								1		+		 	H	-		+-
Third	P12	8/14/12		12'7"	Р	12-32		1				1		1						<u></u>							 	1-1		'344	+
Fourth	P12	8/14/12		7'3"	Р	12-33		1				1													+		 	+			+
Columbia	P12	8/15/12		5'1"	Р	12-34		1				1						·					1		+		 	\vdash		·	+-
Second	P12	8/14/12		4'2"	Р	12-35		1				1												+				+-+			+
Fifth	P12	8/14/12		6'2"	Р	12-37		1				1															1	\vdash		**	+-
Columbia	P12	8/15/12		4'11"	Р	12-39		1				1	L	ŧ										A Section of the sect	6			\vdash			+-
Columbia	P12	8/15/12		6'10"	Р	12-40		1				1														1 Secret of Constitution		┢			
Edison	P12	8/15/12		6'5"	Р	12-41		1	1			1	l		1										+-			\vdash	\dashv		1
Neeley	P12	8/14/12		8'0"	Р	12-42		1	1			1	-	1											1			\vdash			+
Park Lane	P12	8/14/13		8'0"	Р	12-42A					ı	T	1	impe E					1				1		+	<u> </u>					
Neeley	P12	8/14/12		5'4"	. Р.,	12-43		1				1	_	1	1									AX.	_						
Schley	P12	8/15/12		10'11"	Р	12-43A		1				1	_	1									1		1	 		 			
Columbia	P12	8/15/12		6'3"	Р	12-44		1	- 1	1		1			1										+			 	-	······································	1
Edison	P12	4/17/13		11'4"	P	12-46		1				1									1	·		04/17/13	1			\vdash	1	jank-1847in	1
Neeley	P12	8/21/12		11'8"	Р	12-47		1	1	1		1			1									1	+				-+		
Edison	P12	4/16/13		9'2"	Р	12-48		1		1		1			1		·	·		·	1			04/16/13	1		_	 	1		
Edison	P12	8/21/12		9'5"	P	12-49		1			1	1												1 - 1 - 1	+		<u> </u>	 	-+		1

BENTON UTILITIES	T			COND		SIN 5	Su	rface	Abov	е Ма	nhol	T	- N	leed t	for P	ensi	<u> </u>			Ponsi	ir Poquir	0000		-			T 70	T -				
]					\vdash	1	7000	I	T	=	_ <u>IN</u>	T	101 K	epai	-		<u></u>	Tepai	ir Requir	emei	ונ				êp				Σtε	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	M	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Edison	P12	8/21/12		4'6"	Р	12-50		1			T		1			7				T	† ***	ĺ		1			100			一十		屵
Edison	P12	8/21/12		7'2"	P	12-52		1	- 1	1	1	-	1	一十						1	†	 				_						+-
Neeley	P12	8/14/12		13'3"	Р	12-53			十	+	1		1							T		 		-		_		1				+
Center	P12	8/14/12		4'5"	р	12-53A		1		十	_		1							 	 	 				\dashv		 		\vdash		+-
Center	P12	8/14/12		9'2"	р	12-53B		1			1	1	_	一十	1				<u> </u>	†	 	 		1				 				+-
Edison	P12	8/14/12		11'0"	P	12-54					1	\top	1	$\neg \uparrow$						1-	 	 				+-	 	\vdash		\vdash		+
Edison	P12	8/14/12		9'6"	Р	12-55				1	1		1	一十						T	 	╁╌				_		┼	-			+-
Second	P12	8/14/12		8'10"	Р	12-56					1	_	1	一十					ļ	1	 	 						╀─				+
Second	P12	8/14/12		12'3"	р	12-57					1		1							†	 		<u> </u>		1			\vdash	-			+
Second	P12	8/14/12		6'1"	Р	12-58				1	1		1							T	 							\vdash		$\overline{}$		+
Second	P12	8/14/12		8'8"	Р	12-58A				1	1		1	\neg						T	<u> </u>	 			1				-			+
Second	P12	8/14/12		5'11"	Р	12-58B				1	1		1							T	†	 						┢		$\overline{}$		+
Second	P12	8/14/12		7'10"	Р	12-62			1	1	十		1	\neg						†	<u> </u>	 						1				+
Second	P12	8/14/12		8'2"	Р	12-63				1	1		1	-						†		\vdash	 			+		╁		\Box		+-
Maple	P12	8/14/12		6'4"	P	12-63A	-			_	1		1							1		t			1			 				+-
Second	P12	8/14/12		8'4"	Р	12-64				1		7	1	一						1		†						Ħ		$\overline{}$		+-
S. East	P12	8/15/12		8'8"	Р	12-65				1	1	1	1	\neg						†	†		l			_		1		$\overline{}$	· · · · · · · · · · · · · · · · · · ·	+
S. East	P12	8/15/12		5'9"	Р	12-66					- 1	1	1						-,,	1-				П				 	Н			+
Wassau Plant	P12	8/14/12		5'5"	Р	12-67					1		1							1	<u> </u>				1	_		 		\vdash		+-
Stewart&Palm	P12	8/15/12		5'1"	Р	12-68					1		1	\neg	_					1	†		<u> </u>			_				$\neg +$	· · · · · · · · · · · · · · · · · · ·	+-
Neeley	P12	8/15/12		4'10"	Р	12-69					1	1	1							1	<u> </u>		ļ									+
Palm/Neeley	P12	8/15/12		4'6"	Р	12-70						1	1							 	1				<u> </u>			 		\dashv		+-
Center	P12	8/15/12		7'3"	Р	12-71	1	1					1						7 2	1					ì					$\neg +$		+-
Edison	P12	8/21/12		7'8"	Р	12-72		1	T			1	1							T	1	1							H			+
Edison	P12	4/16/13		11'1"	Р	12-73					1		1	\neg							1	1	· · · · · · · · · · · · · · · · · · ·		04/16/1	. 			Н	1		+
Colombia	P12	8/15/12		5'2"	Р	12-74		1		T			1	7.1						1			,,			1						
Schley	P12	8/15/12		8'7"	Р	12-75		1				1	1							1	1									_		+-
Park	P12	8/15/12		8'5"	Р	12-76		1				1	1							1						- -						+
Railroad	P13	8/15/12		10'1"	Р	13-1					1		1						-	1					1	1					 	+
Gray	P13	8/22/12		7'9"	Р	13-1A		1		丁	1		1											\vdash		一				_	····	†
Gray	P13	8/22/12		10'3"	Р	13-2					1		1	\Box			1			1						_				+		1
Gray	P13	8/22/12		6'0"	Р	13-4			1		1		1				4			1						1				- +		1
Gray	P13	8/22/12		5'11"	р	13-5		1		1	\top		1	7						1						\top				1		†
Border	P13	8/22/12		9'5"	Р	13-6	Γ	1		1	+		1	4		-				T						_				\dashv		+
Teakwood	P13	8/22/12		9'1"	Р	13-6A				十	1		1							1	1				1					_		

BENTON UTILITIES	55 MA	NHOLE REI	AIK KE	CORD	BAS	SIN 5																										
							Su	rface	Abo	ve N	lanho	ole		leed	for R	Repai	r	L	<u> </u>	Repai	r Requir	emer	nt				Re				Ext	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	151	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Normandy	P13	8/22/12		7'11"	P	13-6B	<u> </u>	<u> </u>		<u></u>	1	٦	1	۲	 		Š	n e	m = =	1 6	1 5 6	13	2 3	Loro I	Completed	╬	1002	18	10	╬	<u> </u>	부
Edison	P13	8/21/12		11'5"	P	13-03		1	\vdash		-		1		1			-		-				1		+-	<u> </u>	+	╂──	╁┷╅	 	+-
Edison	P13	8/21/12		10'11"	P	13-12		1					1					 		+	<u> </u>	-	<u> </u>	<u> </u>		+-	 	 	 	↤		+
Edison	P13	8/21/12		11'2"	P	13-14	-	1	1			$\vdash \vdash \vdash$	1						ļ	╂──	<u> </u>	├				+	 	+	 	₩		+
Edison	P13	8/21/12		7'5"	P	13-15		1	\vdash				1	 		-		-	}	╫	 	├—		├		+	 	+-	-	┼─┤		+
Edison	P13	8/22/12	-	10'9"	p	13-17		1	+			\vdash	1						<u></u>	1		ļ		├	 	+-		+	╀	\vdash		+
Edison	P13	8/22/12		10'5"	P	13-17		1				\vdash	1		\vdash					+	 	├─		├	-	+	 	+	+	 		+
Edison	P13	8/21/12	;	17'9"	Р	13-18		1	1			\vdash	1							+	 	 		-		+	 	+-	+	₩		+
Schely	P13	8/15/12		5'8"	P	13-21		1					1	\vdash		-				1		├]	-		+-	+	+		╁
Schley	P13	8/15/12		4'10"	P	13-22		 	\vdash		1		1	\vdash				 		+	 	 	-	1		+-		+-	\vdash	\vdash		+
Schley	P13	8/15/13		6'7"	P	13-23		-	+		1	\vdash			1			1	1	╫	1	 		 		+-	 	+	+-	\vdash		+
Cox	P13	8/15/12		13'9"	P	13-24		1					1					┢		╁	 	╂─	 	 		+		+-	+	╁╾┼		+-
Edison	P13	8/21/12		7'6"	P	13-25	-	1	\vdash			\vdash	1		\vdash	-				╫	1	<u> </u>		╁		+-		+-	+	\vdash		+
Edison	P13	8/21/12		6'8"	P	13-25A		1	\vdash			\vdash	1		\vdash	-		-		+-	 	├		 		+		+	+	\vdash		+
Edison	P13	8/21/12	 	10'3"	P	13-26		1	1-1			H	1					-		╂┈╴	-	 		1-	1	+	 	+-	+-	+		+
Border	P13	8/15/12		4'11"	Р	13-27		1	1			Н	1	┢╧┦	\vdash			┢		+-	1	1		 	-	+	 	+-	一	\vdash		+
Border	P13	8/15/12		5'11"	P	13-28		1				H	1					 	 	+		 		 		+	1	+	+-	 - 		+
Cherry	P13	8/15/12		5'3"	р	13-2 9		1	1			Н	1					ऻ	 	+	1			1		+		+	+	\vdash		+
Cherry	P13	8/15/12		4'7"	P	13-30		1	1			┝─┤	1					1-		+-		 		 		+		+	 	\vdash		+
Сох	P13	8/15/12	 	5'8"	Р	13-31	1	1					1							1-		 		!		+	<u> </u>	+	 	\vdash		+
Gibson	P13	8/15/12	1	5'0"	P	13-32		1					1		М			1		+	1	 		1-		+		<u> </u>	\vdash	\vdash		+
Columbia	P13	8/15/12		3'4"	Р	13-33		1				М	1		H			f	1	1		T		\vdash		+		1	 	+		+
Columbia	P13	8/15/12		2'10"	P	13-33A		1			-		1					1	1	1-		1		 		+		 	\vdash	$\vdash \vdash$		+
Cox	P13	8/15/12		9'4"	Р	13-34		1				H	1							1	1			 		1			 	$\vdash \vdash$		+
Gibson	P13	8/15/12		5'4"	Р	13-35	1	1				М	1						1	+	1					1		1	1	\vdash		+
Sidell	P13	8/15/12		6'10"	Р	13-37			П		1	M	1					Г		1	1	 		T		1		1	1	\vdash		+
Sidell	P13	8/15/12		10'9"	Р	13-37A				1			1							†	-	1		T	1.			1	 	$\vdash \vdash$		+
Sidell	P13	8/15/12	<u> </u>	11'	Р	13-37B		1					1					1		1		1				1			H	\vdash		+
Gibson	P13	8/15/12	1	5'1" -	Р	13-38		1	1				1.	1.1				1	17.20	1	 	<u> </u>				1		1		\vdash		+
Algood	P13	8/15/12	1	4'11"	Р	13-40		1				T ·	1					1	1	1						1	1	1		\Box		T
Hudson	P13	8/15/12		1'2"	Р	13-41		1					1					1	<u> </u>	+								1	<u> </u>			1
Algood	P13	8/15/12		4'8"	Р	13-42		1	1			П	1					T	<u> </u>	1 :		1				1		1				1
Edison	P13	8/21/12		8'8"	Р	13-43		1					1					1	†	1						1		1		\Box	•	+
Sidell	P13	8/15/12		6'1"	Р	13-45		1			-	Г	1							1				1				1		\Box		1
Edison	P13	8/22/12	1	19'	Р	13-46		1	\vdash			M	1					 	1	1	1	† –			 	1	†	1	\vdash	\vdash		+

BENTON UTILITIES	33 IVIA	NUOFE KEI	AIR RE	COKD	BASI	CE																										—
						_	Su	rface	Abo	ve M	anho	ole		Need	for R	Repair	r	Щ,	F	Repai	r Requ	reme	nt				Rep				Ext	
		Date Visually	t .		Mar		Concrete Pavement	Asphalt Pavemen	Sidewalk Pavemen	Grave	Grass	Wood	None		2	لر	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
STREET ADDRESS	No.	Inspected	Access	Depth			ä	ñ	ä	è	SSE	8	<u>e</u>	1st	2nd	Low	SSS	ole	유 약	1 g	ab de] 3	3 9	<u></u>	Completed	<u></u>	Pe ed Bh	e	e a	ed	ed	<u> 8</u>
Edison	P13	8/22/12	ļ	19'10"		13-48					1		1							ļ						'						
Gray	P13	8/22/12		7'10"		13-49		1					1																			\perp
Edison	P13	8/22/12		8'1"	Р	13-50					1		1																			
Edison	P13	8/21/12		8'8"	р	13-51					1		1																			
Edison	P13	8/21/12		6'4"		13-51A		1					1		\sqcup									<u> </u>								$oldsymbol{ol}}}}}}}}}}}}}}}}}$
Sidell	P13	8/15/12	1			13-36				1							1	أنسا			<u></u>											
Railroad	P13	8/15/12	ļ <u>.</u>	9'		13-56					1		1		<u> </u>											<u> </u>	ļ					$oldsymbol{ol}}}}}}}}}}}}}}}}}$
Railroad	P13	8/15/12	,	9'2"	Р	13-57					1		1											<u> </u>			.		Ш			
Gray	P13	8/22/12		8'1"	Р	13-58		1			<u></u>		1											<u> </u>		<u> </u>						丄
Gray	P13	8/22/12		8'4"	Р	13-59		1					1							<u> </u>								$oxed{oxed}$				
Border	P13	8/22/12		9'10"	Р	13-60		1					1								<u></u>			<u> </u>	<u> </u>						····	
Border	P13	8/21/12		10'4"	Р	13-61		1					1							1												
Edison	P13	8/22/12		8'2"	Р	13-66						1	1								<u> </u>			<u> </u>								
Railroad	P13	8/15/12	ļ.,,	9'10"		13-66A		-			1		1		 					<u> </u>	L	1		1								$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
Railroad	P13	8/15/12		10'	_	13-66B					1		1							<u> </u>				1								$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
Cox	P13	8/15/12	1		Р	13-67				1							1			<u> </u>		1	<u> </u>	<u> </u>				<u> </u>				$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
Сох	P13	8/15/12	1		Р	13-68		1									1			<u> </u>		1		1	-							
Edison	P13	8/15/12	1		Р	13-69				1		1					1					1										
Edison	P13	8/15/12		14'4"	Р	13-70					1		1						T-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-					<u> </u>							 	$oldsymbol{ol}}}}}}}}}}}}}}}}}$
Sidell	P13	8/15/12		14'0"	Р	13-71				1			1																			
River St.	Q10	8/22/12	ļ	7'2"	Q	10-1		1	ļ				1							1				<u> </u>		1						1
Mary Kay	Q10	8/22/12		8'7"	Q	10-1A		1	L.,				1		igwdown					↓	ļ			1		1						_
River St.	Q10	8/22/12		7'9"	Q	10-2		1					1	\square						ļ			<u> </u>	 								\perp
River St.	Q10	8/22/12		6'2"	Q	10-3		1					1	أسا						1	<u> </u>			_		1_						1_
River St.	Q10	8/22/12	<u> </u>	4'9"	Q	10-3A					1		1							1	<u> </u>			1_		1						\perp
River St.	Q10	8/22/12		5'9"	Q	10-4		1	L				1	\square						1				1								\perp
River St.	Q10	8/22/12	<u> </u>	8'5"	Q	10-4A				1			1	igsquare						<u> </u>			<u> </u>			1						1_
River St.	Q10	8/22/12		8'7"	Q	10-5					1		1							1_			 	1								
River St.	Q10	4/17/13		. 9'	Q	10-5A				1			1							1.	<u> </u>	\bot	<u> </u>		1							
River St.	Q10	8/22/12		17'2"	Q	10-6					1		1				,			_			<u> </u>									
River St.	Q10	8/22/12	<u> </u>	19'8"	Q	10-7					1		1										<u> </u>									_
River St.	Q10	8/22/12		19'2"	Q	10-7A				1			1							1_												
River St.	Q10	4/17/13	<u> </u>	14'	Q	10-8			<u> </u>		1					1					<u></u>		<u> </u>		04/17/13					1		

BENTON UTILITIES		THOLE ILE	ZIII II	COND		SIN 5	Sı	rfac	e Ahr	ove N	/lanh	ole		Need	for	Renai	r			Renai	r Requir	eme				T	70	_				$oldsymbol{ au}$
								1	1	T T	1	T	 	Teeu		rehai	1		- <u></u>	vehal		I	1	· ·			ep.	1	'		xte	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	.1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
														tî.																		
River St.	Q10	4/17/13	:	2'10"	Q	10-9					1		1					Cap ped														
River St.	Q10	8/22/12		13'11"	Q	10-11		1	1	1			1									1						 	1	\Box		1
River St.	Q10	8/22/12		15'2"	Q	10-11A		1		1	1		1														1	 	1			1
River St.	Q10	8/22/12		6'4"	Q	10-12			1		1		1							1		1				1		t	1		**************************************	1
River St.	Q10	8/22/12		7'2"	Q	10-23		1					1							1					Ì			†	T			1
Willow	Q11	8/23/12		7'10"	Q	11-10					1		1							Ī		1				1		1	1	\Box		1
Market	Q11	8/22/12		8'10"	Q	11-11	<u>. </u>	1		1			1																			1
Market	Q11	8/23/12		7'3"	Q	11-11A		1					1															1	1			1
Market	Q11	8/23/12		7'	Q	11-118					1		1									i -										T
Willow	Q11	8/23/12		9'8"	Q	11-12					1		1	1						1		l				1					i	1
Willow	Q11	4/17/13		5'7"	Q	11-13					1	1	1			7						1						†		П		T
Willow	Q11	8/23/12		5'3"	Q	11-17					1		1													1		1				1
Market	Q11	8/22/12		8'5"	Q	11-18		1							1				1					1						П		1
Willow	Q11	8/22/12		4'3"	Q	11-20					1		1															1				\top
Johnson	Q11	8/23/12		7'5"	Q	11-20A		1					1																			1
Johnson	Q11	8/23/12		4'0"	Q	11-20B					1		1													1						1
Willow	Q11	8/22/12		4'4"	Q	11-21		1					1													1						T
Willow	Q11	8/22/12		6'0"	Q	11-22		1					1													1						T
East	Q11	8/23/12		10'9"	Q	11-22A		1					1													1						1
East	Q11	4/17/13		6'9"	Q	11-22B		1					1													1						
Willow	Q11	8/23/12		7'1"	Q	11-38					1		1													T			\Box			1
Willow	Q11	4/17/13		6'2"	Q	11-38A					1		1																	П		1
Willow	Q11	4/17/13	,	6'	Q	11-38B					1		1	,							1										· · · · · · · · · · · · · · · · · · · 	\top
Willow	Q11	8/23/12		7'8"	Q	11-39					1		1																			1
River St.	Q11	8/22/12		14'7"	Q	11-40					1		1	į											1						I .	T
Willow	Q11	8/23/12		7'2"	Q	11-41					1		1																			T
Willow	Q11	4/17/13		6'10"	Q	11-42				1	1		1	1											-			Π				T
River St.	Q11	8/22/12		14'2"	Q	11-43		L			1		1																			T
Willow	Q11	8/23/12		8'1"	Q	11-44					1		1	į.				9													<u> </u>	T
Market	Q11	4/17/13		6'8"	Q	11-45					1		1	,																		T
Market	Q11	4/17/13		5'2"	Q	11-46					1		1																			T
Market	Q11	8/22/12		4'1"	Q	11-47					1		1	1																		
Market	Q11	8/22/12		2'2"	Q	11-48					1		1					1										T				T

the second of the second

							Sι	ırface	⊇ Abc	ve N	lanh	ole		Need	for I	Repa	ir			Repa	ir Requi	reme	nt				R					T
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	xtension or Rim Sealed	Lining Completed
Market	Q11	8/22/12		2'1"	Q	11-49					1		1				Ì	î ^w	T T	Ť				T		+	<u> </u>	1	1 4	屵		부
Market	Q11	8/22/12		2'3"	Q	11-50					1		1				†	1		1	1	†		+		+	 	 		1		+
Market	Q11	8/22/12		2'3"	Q	11-51					1		1					1		1		†		 		\dashv		 	-	\vdash		+
Market	Q11	8/22/12		2'5"	Q	11-52			1		1		1				 	†		1		†		 		+		 	\vdash	┢		+
Market	Q11	8/22/12		2'1"	Q	11-53					1		1				 	1		1		1				+-		 		\vdash		+
Market	Q11	8/22/12		4'11"	Q	11-54	7				1		1				1	T		1		 		1		+-	 	 		\vdash		+
Market	Q11	8/22/12		14'5"	Q	11-55				1			1				1	T	†	1		1	-	+		_	<u> </u>	\vdash	1	 		+
Market	Q11	8/22/12		13'4"	Q	11-56		1			1		1					1		1		1		1		+	 	\vdash	1	\vdash		+
Willow	Q12	8/23/12		5'2"	Q	12-4		1							1	t	1	T	1		1	1		1	·		 	 	1	$\overline{}$		+
East	Q12	8/23/12		6'3"	Q	12-5		1							1	1		1	1		1	1		1								+
East	Q12	8/23/12		8'4"	Q	12-6		1					1			1		T		1	1	1		1		_	 	 		\vdash		+-
Palm	Q12	8/23/12		7'4"	Q	12-7		1					1					1	1			1		1		+		╁		-+		+
Palm	Q12	8/23/12		9'10"	Q	12-8		1					1					1			 			1					\vdash			+
Clark	Q12	4/22/13		9'5"	Q	12-8A		1					1					1		1				1		1		_		┌──╂		+
Palm	Q12	8/23/12		6'5"	Q	12-10		1					1							1	1			†						-+		+
Webster	Q12	8/23/12		3'7"	Q	12-11		1					1					1		1						+				$\neg +$		\vdash
Palm	Q12	4/22/13		4'11"	Q	12-12						1	1	-						1												+
Second	Q12	8/24/12		15'6"	Q	12-13						1	1					1								_						+
Second	Q12	4/22/13		15'1"	Q	12-13A	1					1	1													 		1		-+		+
Second	Q12	4/22/13	,	12'	Q	12-14					1		1																			+
Second	Q12	8/23/12		12'4"	Q	12-15					1		1			1														$\overline{}$		╁
Willow	Q12	4/22/13		5'6"	Q	12-16		1					1													+				_		╁╴
Willow	Q12	8/23/12		5'6"	Q	12-17		1					1													1				$\neg +$		\vdash
Willow	Q12	4/22/13		5'4"	Q	12-18		1								1				1		1			04/22/13					1		+
Stewart	Q12	8/23/12		12'5"	Q	12-19		1					1													1						-
Willow	Q12	8/23/12		5'2"	Q	12-20					1		1								1					1		\vdash		_		1
Palm	Q12	4/22/13		9'7"	Q	12-21						1	1	-						1										\dashv		†
Palm	Q12	8/24/12		5'6"	Q	12-22						1			1				1		1					1				\dashv		\vdash
Palm	Q12	8/24/12		5'0"	Q	12-23						1		4	1				1				· · · · · · · · · · · · · · · · · · ·			1				+		\vdash
Palm	Q12	8/24/12		9'3"	Q	12-24						1	1	,							1									+		
Palm	Q12	4/22/13		9'5"	Q	12-24A						1		ı		1						1			04/22/13			\vdash		1		\vdash
Palm	Q12	4/22/13		9'6"	Q	12-24N						1				1				1		1			04/22/13	1				1		
Palm	Q12	8/23/12		8'4"	Q	12-26					1			1					1	1				1				H		-		
Palm	Q12	4/22/13		4'7"	Q	12-26A						1	1	J. V. 4												1				十		
Palm	Q12	4/22/13		10'	Q	12-27						1	1	4						T			-				-	H		+		

BENTON UTILITIES	33 IVIA	INFOLE REI	MIN KE	COKD	DAS	IN 5		_			<u> </u>		_													,						
							Su	rface	Abo	ove N	/lanh	ole		Need	for F	Repai	r		F	Repai	r Requir	emer	nt	,			Rep				Ext	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Neeley	Q12	4/22/13		9'8"	Q	12-28						1	1							Ī			<u> </u>			T		一				怈
Neeley	Q12	8/24/12		12'9"	Q	12-29		1		1	1				1				1	1				1		T	 	+	+-	\vdash		+
Palm	Q12	4/22/13		12'5"	Q	12-31		1			†					1				1		1		Ħ	04/22/13	†	 	\vdash	 	1		†
Palm	Q12	8/24/12		12'3"	Q	12-32	Г	1			1				1				1	1	1	-		1		1		 	†	╅		+
Gravel	Q12	8/24/12		8'2"	Q	12-34		1					1							†	<u> </u>					T		t	1			1
Cedar	Q12	8/24/12		12'1"	Q	12-35		1			t	1	1							1						1		T	1	+		+
Central	Q12	8/24/12		7'6"	Q	12-36		1			1		1										<u> </u>			†	 	t	+-	\vdash		+-
Neeley	Q12	8/24/12		10'10"	Q	12-37		1					l		1				1					1		T^-		T	 			†
Neeley	Q12	8/24/12		7'10"	Q	12-38						1			1				1				<u> </u>			1		1	1	\Box		十
Central	Q12	8/24/12		9'1"	Q	12-40		1			1		1															T	1	 		+
Central	Q12	8/24/12		8'11"	Q	12-41		1					1													1	1	T	1	1		十
Liberty	Q12	8/24/12		5'6"	Q	12-43		1					1											1	,	†		1	1	\Box		Ť
Liberty	Q12	4/22/13	1	5'7"	Q	12-44		1					1							1					ĺ	1		†	1			+
Liberty	Q12	8/24/12		5'7"	Q	12-44A		1					1							1						1		T	1	\Box	· · · · · · · · · · · · · · · · · · ·	1
Reed	Q12	4/22/13		12'11"	Q	12-45					1		1	,											Į.			1	T			1
Reed	Q12	8/24/12		13'3"	Q	12-46		1					1													1		T	1	1	······	\top
Reed	Q12	8/24/12		6'7"	Q	12-47		1					1								1							1	1			+
Reed	Q12	8/24/12		10'2"	Q	12-48		1					1															T	1			1
Reed	Q12	4/22/13		7'9"	Q	12-49		1					1															1	1			T
Central	Q12	4/22/13		9'3"	Q	12-50		1								1				Ī		1			04/22/13			1		1		1
Liberty	Q12	8/24/12		10'5"	Q	12-51		1					1												1	1		<u>† </u>				十
Reed	Q12	8/24/12		8'8"	Q	12-52		1					1							1								1		\Box		T
Liberty	Q12	8/24/12		4'9"	Q	12-53		1					1															T	1			1
Stewart	Q12	8/24/12		5'1"	Q	12-54		1							1				1	1				1					1			1
Reed	Q12	8/24/12		6'2"	Q	12-55		1					1												1			1		\sqcap		1
Reed	Q12	4/25/13		14'2"	Q	12-56					1		1								1											1
Liberty	Q12	8/24/12		5'8"	Q	12-57		1					1																1	\Box		1
Liberty	Q12	8/24/12		4'11"	Q	12-57A		1					1													1		1	1			T
Ridge	Q12	8/24/12		14'5"	Q	12-58		1					1					;							۷.					\Box		T
Neeley	Q12	8/24/12		14'11"	Q	12-59		1					1							1	1		1.					1				T
Cedar	Q12	4/23/13		9'1"	Q	12-61		1					1													1				\Box		1
Cedar	Q12	4/23/13		8'11"	Q	12-62		1					1							1						1		1		\Box		1
Stewart	Q12	8/24/12		5'4"	Q	12-63		1					1	1						T						1	1	T			· · · · · · · · · · · · · · · · · · ·	
Gum	Q12	4/25/13		7'4"	Q	12-64		1					1																	\Box		
Gum	Q12	8/24/12		6'3"	Q	12-65		1			1		1							1	1					1						T

						5IN 5	Su	rface	e Abo	ve M	lanh	ole		Need	for f	Repai	r		f	Repai	r Require	emer	nt		<u> </u>	<u> </u>	Z			П	Ē	\top
	Grid	Date Visually	Unable to			eak at anhole	Concrete Pavement	Asphalt Pavement	Sidewalk Pav								No	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/C	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
STREET ADDRESS	No.	Inspected	Access	Depth		ımber	ent	nent	ent	Gravel	Grass	Wood	None	1st	2nd	Low W	Access	일	h or Pipe	ğ)utside Rehab	Rim	n or sion	ning	Completed	ced	Trough Sealed at Pipe	ved	iced	ised	aled	ted
Johnson	Q12	8/24/12		5'2"	Q	12-66		1					1											T							·	
Dixie	Q12	8/23/12		10'10"	Q	12-67		1					1																			1
Johnson	Q12	8/23/12		14'9"	Q	12-68		1					1	2									-								-	T
Dixie	Q12	4/25/13		5'6"	Q	12-69		1					1																			T
Dixie	Q12	8/23/12		5'3"	Q	12-69A		1			,		1																			T
Reed	Q12	8/23/12		5'9"	Q	12-70					1		1																			T
Reed	Q12	4/25/13		5'4"	Q	12-70A						1	1													<u> </u>						T
Johnson	Q12	8/23/12		11'1"	Q	12-71		1					1																			T
East	Q12	8/23/12		7'2"	Q	12-74		1			4,11-3,1		1												ŕ							T
Reed	Q12	4/25/13		7'5"	Q	12-75		1					1												ŀ						· · · · · · · · · · · · · · · · · · ·	Τ
Dixie	Q12	4/25/13		13'2"	Q	12-77		1					1																			1
Dixie	Q12	8/23/12		12'6"	Q	12-78		1							1				1	1				1								T
Reed	Q12	8/24/12		4'4"	Q	12-79		1		1 300 000			1													1						T
Reed	Q12	8/24/12		4'5"	Q	12-80		1					1															1	Î i			1
Reed	Q12	8/24/12		5'8"	Q	12-81		1					1																			T
Hill	Q12	8/23/12		7'4"	Q	12-82		1							1				1					1								\top
Hill	Q12	4/23/13		7'	Q	12-83		1					1																			T
Stewart	Q12	4/17/13		6'9"	Q	12-84					1		1																			T
Clark	Q12	8/23/12		5'9"	Q	12-85		1							1				1					1								1
Clark	Q12	8/23/12		4'5"	Q	12-85A	1	1						1	1									1								1
Clark	Q12	8/23/12		8'2"	Q	12-85B					1				1				1	1				1								1
Clark	Q12	4/23/13		3'7"	Q	12-86		1					1														1					\top
Clark	Q12	8/23/12		4'0"	Q	12-87		1					1												a de							
East	Q12	8/23/12		7'6"	Q	12-88		1		·			1														1					T
S. Railroad Ave.	Q13	4/23/13		7'8"	Q	13-22			1		1		1		1																	1
S. Railroad Ave.	Q13	4/23/13		7'6"	Q	13-23					1		1				1															T
S. Railroad Ave.	Q13	4/23/13		7'2"	Q	13-24					1		1	3						Ì						1					1	1
S. Railroad Ave.	Q13	4/23/13		6'5"	Q	13-25	1				1		1																			1
S. Railroad Ave.	Q13	4/25/13		5'11"	Q	13-26					1	1	1																			T
S. Railroad Ave.	Q13	4/25/13		6'11"	Q	13-36	1				1		1	1	T				1		T											1
S. Railroad Ave.	Q13	4/25/13		6'7"	Q	13-37					1		1	ĝ.		1		T					and the same of th									1
S. Railroad Ave.	Q13	4/25/13		6'9"	Q	13-38	1			,	1		1	_		1		1								1						1
S. Railroad Ave.	Q13	4/25/13		9'6"	Q	13-42	1				1		1	+				Ī						1		1						1
S. Railroad Ave.	Q13	4/25/13		9'8"	Q	13-43	1				1	1	1	+												1		1				T
River St.	R10	8/23/12		5'7"	R	10-2	1	1	1				1		1 -			1	<u> </u>	1						1				\Box	· · · · · · · · · · · · · · · · · · ·	+

-							Su	ırfac	e Abc	ve N	1anh	ole		Need	for F	Repai	r			Repai	ir Requir	emei	nt			\top	Re				Œ	T
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
River St.	R10	8/23/12		6'0"	R	10-3		1			- V		1				<u>.v.</u>		1 3	1	1 0 0 1	13	3 3	1 000	Complete	╧	1 (0 (1)	屵	뿌	쁩		屵
River St.	R10	8/23/12		8'1"	R	10-4		1	1	-1/1			1	\vdash	\vdash			-		-		-						+	╂'	╂──┤		+
River St.	R10	8/23/12		11'0"	R	10-5		1					1					ļ		+	 	 		-				+-	╁	╆┷┤		+
Bradbury	R10	8/23/12		7'2"	R	10-6	\vdash	╁╌			1	 	1		 						 							┼	}	$\vdash \vdash$		+
Bradbury	R10	8/23/12		4'4"	R	10-7		 			1			-	1			-	1	+				1		+-	 	+	╁┷┙	╂		+
River St.	R10	8/23/12		11'8"	R	10-8		1			-	 	1		┢╧╜			 		-	 	-		<u> </u>		+	 	+	 '	╂╼┥		+
River St.	R10	8/23/12		7'7"	R	10-9	\vdash	1	1				1		┟─┤	 				-	<u> </u>	 	 	-			 	+-	 	╁		+
River St.	R10	8/23/12		7'1"	R	10-10	-	1					1		\vdash					+	 	 				+-		+	+	\vdash		+
River St.	R10	4/25/13	 	6'10"	R	10-11	\vdash	1	1		_		1							+	 	-	 			+-		+-	+	╁─┤		+-
Dale	R10	8/23/12		3'11"	R	10-12		1					-		1				1	+-		-		1		+	 	+	+	\vdash		+
River St.	R10	8/23/12		5'11"	R	10-13		-			1		······································		 	1				+	1	1		-		+		+	 	├		+
River St.	R10	8/23/12		5'11"	R	10-14		 	1		1				1	1			1	+	1	 					<u> </u>	+	-	\vdash		┼┈
Bradshaw	R10	8/23/12		4'11"	R	10-14A			1		1				1				-	-	1			1		+		+	+	+		╀
River St.	R10	8/23/12		7'0"	R	10-16		1			 		1		H					1-		-		+		_		 	+	┼─┤		+
River St.	R10	8/23/12		7'2"	R	10-17		1					1		┌┤					+	1	<u> </u>				_		+	₩			+
River St.	R10	4/25/13		6'10"	R	10-17A		1					1	H	 					1		1				+	 	+-	+-	╁		+
W. Hillside	R11	8/24/12		5'9"	R	11-1		1				1	1		 					1	 					-	 	+-	╁	\vdash		+
W. Hillside	R11	8/24/12		5'5"	R	11-2		1					1		H					1-						+		╁	╁╌┤	╂╼╾╂		+
W. Hillside	R11	8/24/12		6'4"	R	11-3		1					1									-				+		+	+	\vdash		+
S. Richards	R11	8/24/12		7'9"	R	11-4				1			1							1		1				+		+-	1	\vdash		+
W. Hillside	R11	4/25/13		6'3"	R	11-5		 	1		1		1							 						+	 	+-	+	\vdash		╁
W. Hillside	R11	4/25/13		4'5"	R	11-5A		†	†		1		1		-					1						+	<u> </u>	+	+	\vdash	***************************************	╁
S. Richards	R11	8/24/12		4'4"	R	11-6					1		1							1						+-	 	+	+	\vdash		+
S. Richards	R11	4/25/13		6'10"	R	11-7		1	1				1							1						+		+-	\vdash			+
S. Richards	R11	8/24/12		7'2"	R	11-8		1	1		:	7			1				1	1				1				 	+	 		+
W. Woodlawn	R11	8/24/12	1	5'11"	R	11-9		1					1								1					+		+	\vdash	\vdash		+
W. Woodlawn	R11	8/24/12		6'0"	R	11-10		1					1							1	1				1	+		 	\vdash			+
S. Richards	R11	8/24/12		5'1"	R	11-11		\vdash		1			1							† –						+		+	H			+
W. Woodlawn	R11	8/24/12		6'4"	R	11-12		1					1						1		1				 	+	1	 	H			+
W. Woodlawn	R11	8/24/12		8'3"	R	11-13		1					1							1			<u> </u>			+		 	\vdash			+
S. Market	R11	8/24/12		6'6"	R	11-14		1		1	<u> </u>					1				1	 	1			 	+		+	\vdash			+
1811 S. Market	R11	8/24/12	1	4'7"	R	11-15					1		1	,						1	-	<u> </u>				+	1	 				+
S. Market	R11	8/24/12		4'0"	R	11-16					1		1	-						1	 	-				+	 	+-	\vdash	┟─╁	 	+
S. Market	R11	8/24/12		5'7"	R	11-17	1		1			1	1		\Box					+						+	 -	+-	\vdash	\vdash		+
Thompson St.	R11	8/24/12	† †	4'6"	R	11-19		†	1	-	<u> </u>	1	1					1		+	-			H	 	+-	 	+	\vdash	┝		+

	T	NHOLE KEI				SIN 5	Su	rface	Abo	ve M	lanh	ole		Need	for F	Renai	r	T T		Renai	ir Requir	ama	nt				7	_		- 1	(11)	_
										<u> </u>		Ĩ	-			Lepai		1		T	T -	T	1		1		ဧို				Xt.	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Lid/Outside Rehab	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Thompson St.	R11	8/24/12		6'9"	R	11-20						1	T		1		, , , , , , , , , , , , , , , , , , ,	Ī	1	1	1		-2-3-	100	Complete	≒	1003	屵≞	뿌	<u> </u>		ᆍ
Thompson St.	R11	8/24/12		8'5"	R	11-21						1	1			1			 	 		 	 	 _		+		+	H	-		+
Valley	R11	8/23/12		5'2"	R	11-22	. ,	1					1							+				 	+	+-		+	+			+
Valley	R11	8/23/12		4'9"	R	11-22A		1					1									 	 			+		+	+			+-
Market	R11	8/24/12		13'4"	R	11-23					1		1								 	-						+	+	\vdash		+
Market	R11	8/24/12		9'7"	R	11-24					1		1							+	1	t	 			+		+	+	┝╌┤		+
Market	R11	8/24/12		11'4"	R	11-25			1				1							1	1	 	<u> </u>	_	-	-		+-	╂╌┤	\vdash		+
Market	R11	4/17/13		9'6"	R	11-26		_		1			1							+		}				+		+	$oldsymbol{arphi}$	\vdash	-,-	+-
W. Woodlawn	R11	8/24/12		7'2"	R	11-28		1					1							+	1		-			+		+-	 			+
Hope Lane	R11	8/24/12		5'7"	R	11-29					1		1							+		 		_		+		+-	\vdash			+
Hope Lane	R11	8/24/12		5'8"	R	11-30					1		1							1						-+-		+	\vdash	\vdash		+
Glory Cove	R11	8/24/12		6'8"	R	11-31					1		1							+				-		+		+	╁─┤	\vdash		╀
Glory Cove	R11	8/24/12		6'0"	R	11-32					1		1							1		1				+	1	+-				+
Glory Cove	R11	8/24/12		4'8"	R	11-33	-				1		1							1		 				-	 	+-	╁			+
E. Woodlawn	R12	8/22/12		5'7"	R	12-3		1					1				- 14.44			1	 	 				-	 	+	\vdash			+
Woodlawn	R12	8/22/12		7'5"	R	12-4					1		1							1		<u> </u>					+	+	┢┯┥			+
Dixie	R12	4/17/13		9'	R	12-6				1			1							1	†	1						+	╂─┤			+
Little	R12	8/22/12		2'5"	R	12-7					1		1							1							 	+	₩			+-
Grove	R12	8/22/12		2'0"	R	12-8					1		1							1		 				+		+	\vdash			+
Little	R12	8/22/12		4'4"	R	12-9		1					1							+						+	+	1	-			+
Dixie	R12	8/22/12		12'4"	R	12-10		1							1				1	1				1		-		+	┢─┤	-		+
Dixie	R12	8/22/12		15'7"	R	12-11					1			· 1	1				1	1				1	i.	+	 	+	$\vdash \vdash \vdash$	-		+
Thompson St.	R12	8/22/12		6'10"	R	12-13						1	1				4			1				-		+		+-	 			+
Thompson St.	R12	8/22/12		4'10"	R	12-14					1		1				4									-		1-	\vdash			+
Thompson St.	R12	8/22/12		4'4"	R	12-15					1		1							1					1	+	1	+-	\vdash			+
Thompson St.	R12	8/22/12		4'4"	R	12-16					1		1						,							+-	 	1—				+
Thompson St.	R12	4/17/13		4'9"	R	12-17					1		1					-		1							 	1		+		+
Valley	R12	8/23/12		5'0"	R	12-19		1		,			1		一十						<u> </u>					+	1	+				+-
Valley	R12	8/23/12		8'6"	R	12-20		1					1		\Box					f						+	 	+	 	-+	· · · · · · · · · · · · · · · · · · ·	\vdash
Valley	R12	8/23/12		7'4"	R	12-21		1							1				1	†				1		+	<u> </u>	1-	\vdash	\dashv		+
Dixie	R12	8/22/12		8'10"	R	12-21A		1					1						-	†				-		+	 	+	 	\dashv		+
Thompson St.	R12	8/22/12		10'10"	R	12-22		1					1		,					1								+-	\vdash			-
Thompson St.	R12	8/22/12		3'10"	R	12-23			-		1		1							1	-					+	 	1-1	 	+		+-
Dixie	R12	8/22/12		16'9"	R	12-24		_			1	,	1							1						+		1	$\vdash \vdash$	\dashv		+
Gum	R12	8/22/12	1		R	12-29						3		-			1		<u> </u>	+		1				+	 	+	- 	-+		+-

						Su	rface	Abo	ve M	anho	le	Ne	ed fo	r Re	oair			Repa	ir Req	uirem	ent	- 1,			T	Re	T	Ī		m	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel		Wood	None	1st	75d	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Rehab	Replace Lid/Outside	Extension	Seal Rim or	Cementious Lining	Date Repair Completed	1 2	Bench and Trough paired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	tension or Rim Sealed	Lining Completed
CONTRACTOR OF THE PROPERTY OF	L'ALTER PRESIDENT	touce X - LV - 1		N. POTA NOTE OF																							T				
Totals	1,144,3		35	V.	0	4	344	4	20	160	4	61	4 6	5	3	<u>0ا ئۇ</u>	51	18	18	4	6	2	[58]		0	30	30.	10,	16	0	30

Total No. Manholes

565

BENTON UTILITIES	SS MA	NHOLE REP	AIR RE	CORD	BASI	N 6																										
							Su	rface	Abo	ve M	anho	ole	N	leed	for R	Repai	r		F	Repai	r Requir	eme	nt									
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	Mai	ak at nhole mber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1s1	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Concrete	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Reed	Q13	9/7/11		3'9.5"	Q13					1	1				1		-		1	Ī			1	1		1	T	十	十			+
Ridge Rd & Crest	Q13	9/9/11		5'5"	Q13	1		1		- 1					1				1				·	1		1		1	1			+
Reed	Q13	9/12/11		8'5"	Q13	1A					1		1							1		Π	1			7			1			
Ridge Road	Q13	9/9/2011	1	. ,	Q13	2						1					1			1		1						T	1			
Reed	Q13	9/12/2011		7'0"	Q13	3					1					1			1	1								1				
Reed & Concord	Q13	9/12/2011		8'10"	Q13	4		1								1							1									
922 Reed	Q13	9/9/2011	1		Q13	5					1						1			1		1				\top		1	1			
922 Reed	Q13	9/9/2011		5'6"	Q13	6					1					1			1	1			1	1				1	1	\Box		
922 Reed	Q13	9/9/2011		5'0"	Q13	7				1			1											1				T				
Across from 920 Reed	Q13	9/11/2011	Towns of the second	4'4"	Q13	8				1					1				1				1	1								
1315 Ridge Road	Q13	9/8/2011		8'1.5"	Q13	9		1		-						1			*	†	<u> </u>	╂──	1	╁		+	1	+-	+	 		+
Highway 35	Q13	9/13/2011		8'7"	Q13	11		-	<u> </u>		1					1			1	1	<u> </u>		1	 		_	+	+	+	ightarrow		-
Apostle Cove	Q13	9/12/2011		9'3"	Q13	12	1		\vdash		1		1						<u> </u>	+		╅~~~		+		-	+	+-	+	\vdash		+
Concord	Q13	9/12/2011		5'5"	Q13	13	 	1			-		-			1			,	 	 	+	1	+		+-	+	+	+-	H	· · · · · ·	
Highway 35	Q13	9/13/2011	1	6'7.5"	Q13	14	1	-			1		1							†		†	1	†		+	—	+	+	\vdash		+
Highway 35	Q13	9/12/2011		5'9"	Q13	15	1				1		1							 		T		†		+		+-	+-			+
Highway 35	Q13	9/13/2011		7'5"	Q13	16					1		1							1		╁	1	†		1	-	+	+	 		+-
Reed	Q13	9/12/2011	1		Q13	17						1					1		·			1	 	†		十	 	+	+			+-
1305 Ridge Road	Q13	9/8/2011		5'0"	Q13	18					1					1				1	1	十一	1	1		+	1	+	1			+
Reed	Q13	9/12/2011	1		Q13	19						1					1			1		1		1		1	-	1	†			
Concord	Q13	9/12/2011	1		Q13	20						1					1			1		1	<u> </u>	1		1		1	1			1
Concord (ROW)	Q13	9/12/2011	1		Q13	21	,					1					1					1		1		1		1				
Concord (ROW)	Q13	9/12/2011	1	,	Q13	21A				T		1					1			1		1		1			1					
Concord (ROW)	Q13	9/12/2011	1	,	Q13	21B						1		,			1					1		T				1				
Sorrell (ROW)	Q13	9/12/2011	1		Q13	27						1					1					1						T				
Highway 35 (Kidd Lane)	Q13	9/13/2011		3'2"	Q13	28					1					1							1									
Highway 35 (Kidd Lane)	Q13	9/13/2011		7'6"	Q13	30					1	3	1																			
Sorrell (ROW)	Q13	9/12/2011	ļ	4'4"	Q13	31						1		\sqcup	\sqcup	1			1	<u> </u>		1_	1_1_	┦			1	1_	1_	Ш		
Sorrell (ROW)	Q13	9/12/2011		4'6"	Q13	32			Ш			1			1				1			1	1 1	1				1	<u></u>		<u> </u>	
Sorrell (ROW)	Q13	9/12/2011		5'9"	Q13	33						1				1						<u> </u>	1									
Sorrell (ROW)	Q13	9/12/2011		5'9"	Q13	34						1		-		1				1_		1	1	↓_								
Highway 35 (Kidd Lane)	Q13	9/13/2011	1		Q13	45						1	:	<u>1</u>			1					1										

BENTON UTILITIES					BASI		Su	rface	Abo	ove N	1anh	ole		Need	for R	Repai	r	<u> </u>		Repai	ir Requi	reme	nt			1		$\overline{\mathbf{T}}$	$\overline{\mathbf{T}}$	T		\top
									T								•			T	T Treguin	I										
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	ak at nhole mber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Concrete	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Highway 35 (Kidd Lane)	Q13	9/13/2011	1		Q13	46					1						1					1										
									T	1							_									1		+	+			+
Highway 35 (Kidd Lane)	Q13	9/13/2011		6'10"	Q13	47					1					1			1											1 '		
Sorrell	Q13	9/12/2011		5'10"	Q13	50					1					1			1		,		1									Т
Sorrell	Q13	9/8/2011		6'5"	Q13	51		1					1																			T
1318 Sorrell	Q13	9/8/2011		4'7"	Q13	52		1								1							1		\$.				T			Τ
Sorrell	Q13	9/8/2011		6'8"	Q13	52A		1								1							1									
Reed	Q13	9/12/2011		5'8"	Q13	53					1		1																			T
Reed	Q13	9/12/2011	1		Q13	54						1					1					1										T
Apostle Cove	Q13	9/12/2011		8'5"	Q13	55		1								1							1						1			
Sorrell	Q13	9/8/2011	1		Q13	56						1					1					1			{'			1	1			T
Reed	Q13	9/9/2011	1		Q13	57						1					1					1		1				1	1			
Reed	Q13	9/9/2011	1		Q13	58						1					1					1							1			T
Reed	Q13	9/9/2011	1		Q13	59					1						1					1				1		1				\top
1717 Reed	Q13	9/7/2011		10'11"	Q13	60					1					1							1					1	\top	1		\top
1407 Reed	Q13	9/7/2011		8'.5"	Q13	61					1		1									1							1			T
1615 Reed	Q13	9/7/2011		9'9"	Q13	62				1						1				1		1	1	1								
Reed & Sorrell	Q13	9/8/2011		9'4"	Q13	64		1								1			1													1
Sorrell	Q13	9/8/2011		6'6"	Q13	65				1			1															1	1			1
Sorrell	Q13	9/8/2011	1		Q13	66		1									1				1	1										\top
1311 Ridge Road	Q13	9/8/2011		3'11.5"	Q13	67	1	1					1								1	1							\top			1
Highway 35	Q13	9/13/2011	1		Q13	68						1					1															1
Reed	Q14	2/28/2012		7'0"	Q14	1					1		1	į							I							1				1
Reed	Q14	2/28/2012				1A (NF)							1				1				1	1						\top				
Reed	Q14	2/28/2012		6'8"	Q14	2	1		Ī	1	1					1			1	1								1	1	1		T
Reed	Q14	2/28/2012	1		Q14	3											1			1		1].		1	T	1	1		T
Reed	Q14	2/28/2012		5'9"	Q14	4			1		1		1	,						1	1					1		1	1	1		1
Highway 35	Q14	2/28/2012		7'0"	Q14	9						1				1				1	1	1	1						1	T		T
Highway 35	Q14	2/28/2012		7'2"	Q14	10						1				1					1		1	1				1		\Box		1
Highway 35	Q14	2/28/2012			Q14	11		1		Ī	1		1				1			1	1	1		1				1	1	T		T
Silica Heights	Q14	2/28/2012		4'6"	Q14	16		1					1							1	1	1				1		1	1	1		1
Silica Heights	Q14	2/28/2012		4'20"	Q14	16A		1					1			1	· · · ·			1	1	1				1		1	1	1		1
Silica Heights	Q14	2/28/2012		7'4"	Q14	17		1					1	+						1	1	1		1				1	1			T
Highway 35	Q14	2/28/2012	†	4'6"	Q14	17A		<u> </u>	1	Ť	1	1	1	_				1		1		1		1				+	1	1 –		+

BENTON UTILITIES	SS MA	NHOLE REP	AIR RE	CORD	BAS	IN 6																_											
							Su	rface	Abo	ve M	lanh	ole		leed	for R	Repai	r		-	Repai	ir Requi	reme	nt										Π
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at Inhole Imber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Concrete	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete	10	Sealed at Pipe	Bench and Trough Repaired or Hole	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Reed	Q14	2/28/2012		7'2"	Q14	22	T	Ī			1		1	m						Ť	1	1		T VV		1	十		亡	一	H		干
Oak	R12	2/1/2012		2'1"	R12	1	1-	 	-	1			1							1		+		 		- 	+-		1	╁	H		+
End of South Hillside	R12	9/13/2011		5'5"	R12	2	1	 		_	<u> </u>	1	1									+		 			+		+	 	+-+		+
Corner of Dixie/E.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1	_	I	t						\vdash						+	 	†		 		+	+		 	\vdash	$oldsymbol{oldsymbol{arphi}}$		+
Woodlawn	R12	9/13/2011		5'5"	R12	3		1					1		ı																		
Dixie/Woodlawn	R12	9/13/2011		7'4"	R12	4		 	-		1		1									+		 			+		+	╁──	1-1		+
Dixie	R12	9/13/2011		8'11"	R12	6	1	<u> </u>		1						1				1	1	1-	1	1					 	\vdash	\vdash	 	+
Dixie	R12	9/13/2011		12'1"	R12	10	1	1							-	1				1	1	1		1		_	1		 	 			+
Dixie	R12	9/13/2011	1	15'6"	R12	11					1					1				1	1	†		1			+		+	\vdash	H		+
Intersection of	R12	9/13/2011			R12	25		1								1				1		1		1					\vdash	 	H		+
Thompson	R12	9/13/2011		6'5"	R12	26		1								1				1	1	 	1	1			+	• • • • • • • • • • • • • • • • • • • •	 	\vdash	H		十
Intersection of			1					1				-								1	1	1	†						\vdash	1-			+
Thompson/Gum	R12	9/13/2011		7'2"	R12	27		1							1 1	1								1		ı						1	
Thompson	R12	1/27/2012		7'1"	R12	31		1					1							1		1	1				1		†	 	+		+
Oak	R12	2/1/2012		4'3"	R12	32		1					1							1	<u> </u>	1		1			1	,	1	\vdash	H		+
Cedar	R12	1/27/2012		5'7"	R12	33		1					1							1	1	1		 	1	+	1		1	<u> </u>	\Box		t
Cedar	R12	1/27/2012		7'3"	R12	34		1					1							1		1					1		 	 	\square		+
Cedar	R12	1/27/2012		12'3"	R12	35		1							1				1			1		1			1			T			Ħ
Liberty	R12	1/27/2012		5'5"	R12	36A		1							1									1						T			T
Liberty	R12	1/27/2012		6'2"	R12	36B		1							1					1		1		1			1				H		†
Liberty	R12	1/27/2012		5'0"	R12	37 (BR)		1					1							1							1	,		1			T
Neeley	R12	1/27/2012		4'8"	R12	40		1					1														1			1			1
Neeley	R12	1/27/2012	1		R12	41 (BR)		1									1					1	1										T
Neeley	R12	1/27/2012		5'8"	R12	42		1								`								1			1		T				T
Neeley	R12	1/27/2012		7'8"	R12	43		1					1							1					Ī		1		T				T
Hickory	R12	1/27/2012		5'8"	R12	44					1		1									1			i		1						\top
Neeley	R12	1/27/2012	1		R12	45 (BR)		1		.,, .,							1					1					1	***************************************	1			l	1
Neeley	R12	1/27/2012		5'3"	R12	46		1							1				1				1	1		7	1	·	1				T
Neeley	R12	1/27/2012	1		R12	47		1						,	\Box		1					1					1		1				
Neeley	R12	1/27/2012		7'2"	R12	48		1					1		\Box											\top	1						T
Neeley	R12	1/27/2012		7'1"	R12	48A					1				1				1	1	1				Ì			4. 21. 11. 11. 11. 11. 11. 11. 11. 11. 11				[1
Neeley	R12	1/27/2012		7'4"	R12	49				1			1						,,						Ì								T
Neeley	R12	1/26/2012		6'7"	R12	50	Ī	. ,				1	1		\Box							1									\Box		T
Oak	R12	2/1/2012	1		R12	51 (BR)				1							1					1					1					i T	\Box
Oak	R12	2/1/2012		7'0"	R12	53				1			1	T T]	1	i	$\neg \vdash$	1						

BENTON UTILITIES	JJ IVIA	I THE INCE		COND	BASI	14 0	C.	rf	. ∧ L -		An-L	ماء	_	Mar a	£ *)					- D : :		-				1	T	1			
							-	irrace	e Abo	ve N	/lann	ole		Need	tor R	Repai			ŀ	Repai	r Require	emer	nt .					1			i	
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	Ma	ak at nhole mber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Concrete	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai Completed	19	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Oak	R12	2/1/2012	1		R12	54											1				1					 		T				Ħ
Neeley	R12	1/27/2012		9'0"	R12	60		1				<u> </u>			1				1	1				1		1		1	<u> </u>	\vdash		+-
Neeley	R13	1/25/2012	ļ <u>.</u>	7'6"	R13	2		1		1			1						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u>† </u>						1	 	${f +}$	<u> </u>			+
Neeley	R13	1/25/2012		7'11"	R13	3		1	ļ						1				1				1			1	 	 	1			
Sorrell	R13	1/25/2012	1		R13	8					1	1					1					1				+-	 	\dagger				
Sorrell	R13	1/25/2012	1		R13	8A (NF)			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1					1			1		1	·			1	1	1				
Neeley	R13	1/26/2012	1		R13	8B						1	1				1			t		1			1	1		\dagger				
Neeley	R13	1/26/2012	1		R13	8C						1	<u> </u>				1					1				1				\square		\dagger
Sorrell	R13	1/25/2012		5'1"	R13	9					1		1													1		1	t			T
Sorrell	R13	1/25/2012		8'9"	R13	10		1								1	:						1			1			1	\square		
Sorrell	R13	1/26/2012		6'9"	R13	11		1		1			1													1		<u> </u>	†			
Huntley	R13	1/25/2012		4'1"	R13	12	1									1			1							1		1	<u> </u>			
Huntley	R13	1/25/2012		11'9"	R13	13		1		1					1				1	1						1					· ·	
Huntley	R13	1/25/2012		12'3"	R13	14		1					1							1);	1		1	†			1
Sorrell	R13	1/25/2012	1		R13	15 (BR)											1		· · · · · · · · · · · · · · · · · · ·	1		1				1		1	1			
Huntley	R13	1/25/2012		12'2"	R13	16		1		1			1													1						
Huntley	R13	1/25/2012		7'6"	R13	18		1					1							1								1			1	T
Bennett	R13	1/25/2012	1		R13	18A								,			1					1	7			1					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1
Bennett	R13	1/25/2012		7'0"	R13	19		1							1								1		1	1					<u></u>	
Bennett	R13	1/25/2012		7'8"	R13	20		1					1																			
Bennett	R13	1/25/2012		6'9"	R13	21		1					1																		<u> </u>	
Bennett	R13	1/25/2012		5'9"	R13	21A		1					1	J												1					<u> </u>	
Bennett	R13	1/25/2012		10'11"	R13	22					1		1	,											4	T					i	
Highway 35	R13	2/27/2012	1		R13	23					1						1					1				1						
Sorrell	R13	1/26/2012		6'4"	R13	24A		1					1						,,,								1					1
Highway 35	R13	2/27/2012		5'6"	R13	24B		1					1						· · · · · · · · · · · · · · · · · ·							T					 I	
Sorrell	R13	1/26/2012		7'6"	R13	25A		1					1													T						
Highway 35	R13	2/27/2012	1		R13	25B								•			1					1										
Sorrell	R13	1/26/2012		6'1"	R13	26		1					1																			
Sorrell	R13	1/26/2012		9'4"	R13	27					1		1																		\ 	
Highway 35	R14	2/27/2012	1		R14	14								- 19 - 19 - 19			1					1			, C.							
Highway 35	R14	2/27/2012	1		R14	15					1			3			1					1									<u> </u>	
Highway 35	R14	2/27/2012		5'3"	R14	16					1		1	$oxed{oxed}$																		
Highway 35	R14	2/27/2012	1		R14	17						1				÷	1				1											
New Hope	R14	2/27/2012		6'0"	R14	18					1				1				1				1		The same same						r e e a a a a a a a a a a I	

BENTON UTILITIES	JJ IVIA	IVACEL REP	AIN NE	COND	BAS	IIV O	-	ž			10.5		_				_		-	n .					<u> </u>								
		1					Sı	irfac	e Abo	ove N	/lanh	ole	-	Need	for R	Repai	r		1	Repai	r Requi	eme	nt .	ŧ									
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at anhole amber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Concrete	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa		Sealed at Pipe	Bench and Trough Repaired or Hole	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
New Hope	R14	2/27/2012		6'7"	R14	19	Π		1		1	Π	1					Π		T	1	T		T					Ħ	一	Ħ		ΤĒ
Austin Lane	R14	2/27/2012		9'7"	R14	20A	T		1	1		1	1	H						1	1	 	<u> </u>	1					†	\vdash	+	 	+
New Hope	R14	2/27/2012		4'11"	R14	20B		1	1	1	T	T	1					 	 	1	†	†-		t		_		***	+	+-	+		+
Austin Lane	R14	2/27/2012	1		R14	22	T	1	1	1			1				1	1	†	 		1		1					1	 	1	 	十
Highway 35	R14	2/27/2012	1		R14	23		1 -	1	1	t		!		-		1	1	 	T	†	1	 	1-		\dashv	1		+	+	+	 	╁
Bennett	R14	2/27/2012	1		R14	24 (BR)	1	1	1	†	 		1				1	 	1	\top	 	1		1		-	+	*****	+	1	1		+
Highway 35/Bennett	R14	2/27/2012		6'8"	R14	25		1	†		†	†	1	T		1		t		1	†	✝▔		1		+	+		+	+	 		+
Austin Lane	R14	2/27/2012		10'6"	R14	27		†	1		1		1		\vdash				 	T	 	 		1		+	+	· · · · · · · · · · · · · · · · · · ·	 	 	+	—	╁
Austin Lane	R14	2/27/2012		6'3"	R14	28		1	1		 	<u> </u>	1	T		f		<u> </u>	†	1	†	†	<u> </u>	1		\dashv	\top		+	 	+		+
Austin Lane	R14	2/27/2012	1		R14	29	1	1	1	1	1		┢				1	1	1	1		1		I)-	\dashv	\top		 	+	+		+
Austin Lane	R14	2/27/2012		8'8"	R14	30	1	1	1		1		1	T	1			m	 	1	1	<u> </u>		†		-	+		+	+	+		+
Austin Lane	R14	2/27/2012		7'6"	R14	31	H	T	1		1	1	1					1	 	†	1	 		I			-	·	1	 	+		+
Austin Lane	R14	2/27/2012		5'9"	R14	32	1	1	†	1	1	1	1					1	† — —	T	 	1				_	_		+	+	+	 	+
Highway 35	R14	2/27/2012	1		R14	33			1	1	1	1					1	 	 	1	†	1		1		+	_		+	\vdash	+		+
New Hope	R14	2/27/2012	1		R14	38	1	1	1		1	† • • •	1	1			1	l	 	+		1			1		 		+	 	+		╁
Highway 35	R14	2/27/2012		4'5"	R14	55	1	1-			1		1	T				1	 	T		T		1			1		1	+	1	·	+
Milburn Drive	R14	2/27/2012		5'9"	R14	56		1	1		1	†	1	-				 	†	1	†	 		†			_		十一	一	1		+
Bennett	R14	2/27/2012	1		R14	67 (BR)	1		1	1	1	1		1			1	!	1		 	1					1		+-	一	1		╁┈
Huntley	R17	1/25/2012		10'11"	R17	17			1		1	1	1					1	 	+-	1			1		+	\top		十	 	+		+
Lilac Circle	S10	2/28/2012		9'4"	S10	2	T		1	1	1	<u> </u>	1	\vdash				╅	 	†		†		1			+		 	+	+	 	+
Lilac Circle	S10	2/28/2012		5'5"	S10	3		1	T	1	1	†	1	1	\Box			1	 	1	1	1		1		\top			十	 	+		+
Lilac Circle	S10	2/28/2012		10'6"	S10	4		1-	1	1	1	†	1	 	1			1	†	+	1	†		1		\dashv			+	一	+		+
Lilac Circle	S10	2/28/2012		9'9"	S10	5	1	1	1		1	t				1		1	 	1		t^-	1	1			_		 	 	+		╁
Lilac Circle	S10	2/28/2012		8'2"	S10		T	 	1		1	†	1		\Box			1	 	+	1	1			i				1	\vdash	1		+
Christy Lane	S10	2/28/2012		9'0"	S10	7	T	T	†	1	1	1	1		М	1		1	1	1	1	\dagger				+		-,	1	†	H		+
Latimer	S11	2/28/2012		9'5"	S11	1	Г	<u> </u>	1		1	Ι.	1		П	T		1	1	+	1	1		1		+			 	\vdash	+		+
Latimer	S11	2/28/2012	1		S11	2			†		Ť	1	T	†		1	1	1	1	1	1	1	1			+	1		1	1	H		+
Latimer	511	2/28/2012		3'8"	S11	3		1	1	1	1	T	1		\vdash	М	Ė	1	 	1	1	1		1	1	+	+		1	1	H		+-
Latimer	S11	2/28/2012	1		S11	4		1	1		1	1	1				1	1	†	1	 	1	 	1		-	+		1		H		+
Latimer	S11	2/28/2012		6'8"	S11	5		-	1		1		1			1	Ť		<u> </u>	1	 	 	1			+	1		†		+		+-
Latimer	S11	2/28/2012	1		S11	6		T	1		† <u> </u>	1	1				1			1	†	1	1	T	1	-	+		1				+
Market	511	2/28/2012		4'6"	S11	7		1	1	T	T		1			\vdash	<u> </u>	 		1	 	†		1						-	H		+
Christy Lane	S11	2/28/2012		7'7"	S11	8	T	✝▔	1-	1	1	†	T		\vdash	1	\vdash	t	 	+	+	1	1	1	1		+		+	-	1		+-
Christy Lane	S11	2/28/2012	1	9'2"	S11	9	t	1	1		1	 	1	1						+	 	1	 	t	1	-+			1	-	\vdash		
Christy Lane	S11	2/28/2012		7'5"	S11	10	t	1	1	1 -	1	+	1	-	\vdash	\vdash	-	1-	 	+-	 	1	 	T		+	-		1	1	+		+-

BENTON UTILITIES				-	BASI		Su	ırfac	e Abc	ove N	/Janh	ole	T	Need	l for	Rena	ir			Rena	ir Requ	ireme	nt			-		1	Т	т—		_
			<u> </u>					I	1	1	I	T	╁╌	T	1	T	<u> </u>			T	T	T	1	Т —	•	:				1 /	1	
STREET ADDRESS	Grid No.	Date Visually Inspected	1. 1	Depth	Ma	ak at inhole imber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Concrete	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Christy Lane	S11	2/28/2012		7'11"	S11	11			T	1	1	1	1	T	1	T		Π		Т	T			T		T		T	T			T
Christy Lane	S11	2/28/2012		6'3"	S11	12					1		1						1	1	1			<u> </u>		1		1	T	\vdash	·	+
Christy Lane	S11	2/28/2012		5'1"	S11	13					1		1	1.							1		1	†	1	1		1	†	\vdash		+
Market	S11	2/28/2012		5'0"	S11	15					1	1	1	1				1		1	1	1		 		1		1	1	\vdash		+
Morningstar Circle	S11	2/28/2012		5'5"	S11	16			1		1		1	T	1	1		1	1	1	1	1			1	T	†	<u> </u>	1			+
Morningstar Circle	S11	2/28/2012		8'5"	S11	17			1		1		1	1	1			1		1	1	1	1	T		1	 	T				+
Morningstar Circle	S11	2/28/2012		13'1"	S11	19					1	1	1		1			1	<u> </u>	1	1	1	1	1		1	†**********	T	1	 		+
Morningstar Circle	S11	2/28/2012		10'7"	S11	20			T	Г	1	T	1		1	1	<u> </u>	T	1	1	1	1	1	1		†	1	t	1	T		+
Morningstar Circle	S11	2/28/2012		8'6"	S11	21				T	1	1	1		1	1		ı		1	1	1	1	 		1	t	†	1			+
Neeley	S13	1/25/2012		5'7"	S13	1A		1	1	1	1				1	1		1	1	1	1	1		T		1	 				-	+
Neeley	S13	1/24/2012	1		S13	1B		1	1	1	T	1	T	1	1	1	1	t		1	1	1		†	1	1	<u> </u>	1	†	+		+
Neeley	S13	1/24/2012	1		S13	2			1				1		1		1	T		1		1	4	†	1	1	 	 		1-		+
Neeley	S13	1/24/2012	1		S13	3A		1	1	1	1		1	†	†	1	1	t	 	1	1	1	-	†		†	<u> </u>	 	1	1		+
Neeley	S13	1/24/2012	1		S13	3		1	1	İ	1	1		1	1		1	t		1-	1	1		1			 	╁┈╴	1	\vdash	·	+
Neeley	S13	1/24/2012	1		S13	4		1	1		1	1	1	1	1	1	1	1		†	<u> </u>	1		1		1-		1	\vdash	╁─┤		+
Guilford L/S (ROW)	S13	1/24/2012		5'11"	S13	5		1	1		1	1	1	1	1	1	 	1	 	†	 	1		+		+	_	T	1	 	 	+
Guilford L/S (ROW)	S13	1/24/2012	1		S13	6		1	1	1	1	1	1	+	1		1	†	1	1		1		1	1	+-		 	1	\vdash		+-
Guilford L/S (ROW)	S13	1/24/2012	1		S13	7	T	Ť	T	1	1	1	1	1	†	1	1		 	+	1	1		1		+		\vdash	1-	H		+
Guilford	S13	1/24/2012		8'5"	S13	8	t	1	1	1	†	1	1	1	†				 	+	 	+		†		+		1	 	\vdash	 	+
Guilford	S13	1/24/2012		5'7"	S13	9	t	1	1	1	1		1		†	1	1	\vdash	 	†		1	 	1		+		 	-	╁╌┦		十
Guilford	S13	1/24/2012		15'5"	S13	10	T	1	1	1		1	1	+	1	1	1	H	 		<u> </u>	1				1		 	 			+
Sorrell	S13	1/24/2012		3'8"	S13	12	1		1	1	1	†	T	1	1	+			1	1	 	╅	1	1		+-	 	1		H		+
Sorrell	S13	1/24/2012	1		S13	13	1	1	†		1	1	1	†	†	1	1	1	l	1	1	1	1	Ť		1-	 	1	1	 		+
Sorrell	S13	1/24/2012		9'9"	S13	14A	1	1	1	<u> </u>	1	1	1	<u>† </u>	1	1	<u> </u>	H	!	†	1	† <u> </u>	1	 		1		+-	 	\vdash	 	+
Neeley	S13	1/24/2012	1		_	15 (BR)	1		1		T	1	1	\top	1		1	t		1	1	1	1	\vdash		†	 	1	1	 		+
Neeley	S13	1/25/2012		6'5"	S13	15A	1		1	1	1	1	T	T	1	1	Ť	t	1	\top	1	1	1	1		1	<u> </u>	1	 	Н		+
Sorrell	S13	1/24/2012		7'0"	S13	16	T		1	†	1	1	1	1	1	†		1	 	1	1	1	1	1		+-		1	1	H		+
Bennett	S13	1/24/2012		6'8"	S13	19	T	1			T		1	-	1			t		†		1	1	1		1	 	T	1		<u> </u>	+
Bennett	S13	1/24/2012		19'6"	S13	19A	1	1	T	†	T	1	1		1	1		t		1	1	1	1	1		+	 	 	\vdash			+
Bennett	S13	1/24/2012		12'9"	S13	20		1	1		T	T	1	-	1	1	\vdash	1		1		1	1	1	<u> </u>	1		1				+
Bennett	S13	1/24/2012		16'4"	S13	21	1	1	1	1	1	T	1	+	†	1		t	1	†		1	1	T		+		 	-			+
Bennett	S13	1/24/2012	1	5'10"	S13	22	T	1	†	t	1		1		+-	1		1	 	1	1	1	 	1		+-		1				+
Bennett	513	1/24/2012		5'8"	S13	23	t	1	1	1	T	1	1		†	1-	_	1	_	1-	 	+-	 	1		+	 	1	 	\vdash		+
Kay Road	S14	1/24/2012	 	8'6"	S14	3	t	┪	†	1	T	1	1	+	†	†	 	1		+	1	+	†	+-		十一	 	<u> </u>	†	\vdash		+
Kay Road	S14	1/24/2012		14'10"	S14	4	╅	1	t	<u> </u>	t	+	1	_	+-	†	<u> </u>	1	 	+-	-	+	1	+-	 	+	 	 	\vdash	\vdash	 	+

	,						Su	rface	Abo	ve M	anho	ole	١	leed	for R	Repai	•			Repa	ir Requ	reme	nt										
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	ak at nhole mber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	· 1st	2nd		No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Concrete	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Rep Complet	. 1	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Kay Road	S14	1/24/2012	1		S14	5				1				,			1					1							Ī			- 11 11.11.	
Kay Road	S14	1/24/2012		9"	S14	6						1			1		16. 14.		. 1 ₋ ,	3.8			- X	1				# · · · · ·	2-19: 12:1-13		7		
Prysock	S14	1/24/2012		7'0"	S14	14		1					1																				
Bennett	T13	1/24/2012		10'11"	T13	1		1					1															,	1				
Bennett	T13	1/24/2012		8'8"	T13	2		1					1											1									
Bennett	T13	1/24/2012		6'5"	T13	3		1								1	******	Approximation	gent e				1									= = =; ; ;	
Prysock	T14	1/24/2012		7'2"	T14	6		1		ž			1											1									
																									1								1
Totals			57				1	72	0	14	72	34	101	0	17	35	57	0	24	3	3	53	27	18		İ	0	0	0	0	0	0	0

Total No. Manholes

210

	T				T	N /	Su	ırface	e Abo	ove N	/lanh	ole		Need	for	Renai	, <u> </u>	<u> </u>	Ro	nair	Requ	irom	ont			_	T	1	T		· · · · · ·	
								1			1	T	\vdash	T	T	repai				Pair	requ	irem	ent	T								
		Date				Look at	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement								No	Replace N	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	70	Sea E	Cementious Lining		Manhole F	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Ri	Extension	Lining Completed
			Line a lade			Leak at	<u> </u>	₹	<u>₹</u>	۱۵		_					0 A	Mai	돌	6	6	ais	xte	s		၂နို	d 0 T	en en	<u>ह</u>	ਤੋਂ	, S	Į₫
STREET ADDRESS	Cried No.	Visually	Unable	D = made	1	Manhole	E E	l me	l me	Grave	Grass	Wood	None	151	2nd	Low	Access	Manhole	Trough or ound Pipe	l R	§	Raise Rim	Seal Rim or Extension	들	Date Repair	10	는 F C	Š	dac	Rim Raised	or Rim Sealed	et
Oak Crest Cove	Grid No.	Inspected 8/30/11	to Access	Depth 5'11"		Number	1=	ᆤ	븀	10	1	lă.	_	 ឌ	<u> ĕ</u>	٤	SS	è	1 % S	इ	<u> º</u>	3	3 9	159	Completed	<u>† g</u>		18	l ë	8	<u> 8 3</u>	<u> E</u>
Overview Dr	Q14	8/30/11		3'7"	Q	14-40 14-41	-	-	-		1	700	1	-	ļ					-	 							<u> </u>		\square		Щ.
Overview Dr	Q14 Q14	8/30/11		8'4"	Q			ļ			1	├ ─	1	-	ļ						<u> </u>			-		4_		<u> </u>	<u> </u>	igsqcut		
Oak Crest Dr	Q14	8/30/11		6'8"	_	14-42		1	-		1		1													—		_	Щ.			
Overview Dr	Q14 Q14	8/30/11		8'1"	Q			1	 	1	-	 	1		 	\square					ļ					↓_		ļ	<u> </u>		L	
Overview Dr	Q14 Q15	8/30/11		5'10"	Q	14-45 15-3	ļ	1	 	_	 	-	1	↓	<u> </u>					ļ	 			ļ			ļ	<u> </u>	<u> </u>			
Overview Cove	Q15	8/30/11		6'6"	+	15-3	<u> </u>	1		-	 	-	1	 	├ ─				<u> </u>	_	—			Ш				 		Ш		
Cedar Crest	Q15	8/30/11		8'8"	Q	15-4 15-5	1—		-		1	-	1	 	-		***************************************			-	 					4		1_	_	igspace		
Hickory Crest	Q15	8/30/11		7'9"	Q	15-5	\vdash	-		<u> </u>	1	-	1	1						 	 	-				4		_				
Overview Dr	Q15	8/30/11		5'9"	Q	15-7	1	1		ļ	1	-	$\frac{1}{1}$	├ ─	├					 					ļ,	┿		1			<u> </u>	┷
Ridgecrest Cove	Q15	8/30/11		10'5"	Q	15-32	1	1	-	-	ļ —	-			-					 	ļ							<u> </u>	ļ	igsqcut	<u></u>	┷
Ridgecrest Cove	Q15	8/30/11	· · · · · · · · · · · · · · · · · · ·	7'3"	Q	15-33	1-	1	-	 	-		1	\vdash						 						┿		<u> </u>		Ш		4_
Ridgecrest Cove	Q15	8/30/11		11'0"	Q	15-34	-	 	-	 	1 1	 	1	+		\vdash				ļ						 		1			ļ	
Overview Dr	Q15	8/30/11		9'3"	Q	15-48	ļ	1		╂	1 1	-	1	+						ļ	ļ					┼		-		Ш		1_
Country Oaks Dr	Q16	8/29/2011		8'4"	Q	16-1		1		 	-	-	1	1		-				 	-					╀		<u> </u>			 	4
Country Oaks Dr	Q16	8/29/2011		4'5"	Q	16-2		+-	-	 	1	╂	-	1	-	1				 	 		1	1		—		<u> </u>			·	1_
Country Oaks Dr	Q16	8/29/2011	1	40	Q	16-3(NF)		-	ļ	-	1 -	├	1				1			┼			· · · · · · · · · · · · · · · · · · ·			—		<u> </u>		Ш		↓
Summit	Q16	8/29/2011	1		Q	16-4				 	 		 	╂──┤			1			 	-	1	· · · · · · · · · · · · · · · · · · ·		<u> </u>	4		 	ļ			4_
Summit	Q16	6/12/2013		6'8"	Q	16-5(BR)	-	1		-	1	 	_	├ ─┤	-		1			 	-	1			1			<u> </u>				4_
Summit	Q16	8/29/2011	1	0.0	à	16-6(BR)	-	-		-			1	1			1			ļ		- 1				4		<u> </u>				
Summit	Q16	6/12/2013		8'7"	a	16-7		1		\vdash	1		1	╁╌┦			\dashv					1		-	<u> </u>	+		 	 	\vdash		+
Summit	Q16	8/29/2011		13'9"	a	16-8		1		†		1	1	1						-					<u> </u>	+		-	 -	${ightarrow}$		+-
Summit	Q16	8/29/2011		9'3"	Q	16-9		1		 		1	1	H											-	+-		-	ļ			
Silica Heights		8/29/2011			à	16-26(BR)			<u> </u>		-		-	H			1					1		-		+-		-		\vdash		∔—
Silica Heights	Q16	8/29/2011		12'8"	Q	16-40		1			1		1									-				+		┼		\vdash		+-
Silica Heights	Q16	8/29/2011	1		Q	16-41								\vdash			1					1		Н		+-		-	-	\vdash		+-
Silica Heights	Q16	8/29/2011		13'10"	Q	16-42		1					1	П		 				-						+-		 	 	$\vdash \vdash \vdash$		+-
Summit	Q16	8/29/2011		6'5"	Q	16-44		1					1	Н												+	<u> </u>	 		\vdash		+
Summit	Q16	8/29/2011		9'3"	Q	16-45		1					1													1		1		 	**********	+
Silica Heights	Q16	8/29/2011		14'4"	Q	16-46		1					1'													+-		 -				+
Silica Heights	Q16	8/29/2011	1			16-47(BR)											1					1				1				\vdash		+
Summit	Q16	8/29/2011	1		Q	16-56											1					1					. ,			\Box		1
Hwy 35	R14	6/10/2013		4'4"	R	14-6					1		1				1									1						1
Summit	R14	8/30/2011		5'1"	R	14-42		1					1																			1
Chatfield	R14	8/30/2011		9'8"	R	14-42A		1					1				7						-			1						1
Chatfield	R14	8/30/2011	1		R	14-44							ž Ł				1	$\neg \neg$				1			j			1		$\overline{}$		+

	1	HOLE REPA			SASI		Su	rface	e Abo	ve M	lanho	ole	N	leed f	for R	epair			Ren	air R	Requir	eme	ent	:		1		$\overline{1}$				\top
CTREET ADDRESS		Date Visually	Unable			Leak at Manhole	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement				No		,		-	Replace Manhole	Bench & Trough or Around Pipe		Rep		Seal Rim or Extension	Cementious Lining	Date Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
STREET ADDRESS Chatfield	Grid No.	Inspected 8/30/2011	to Access	Depth	R	Number 14-45	13_	<u> 2</u>	12	<u>e</u>	SS	ă	画	2	<u>ā</u>	٤	_	~		<u>rs </u>	역		3 9	<u></u>	Completed	18	<u> </u>	ᄩ	٦	ے	<u> </u>	<u> </u>
Summit	R14	8/30/2011	1	5'11'	R	14-45	-	-	├				-	┌─┼			1					1						—	 			+
Chatfield	R14	8/30/2011	1	211	R	14-46	-		╄				1				-					_				-		 	 		 	+
Summit	R14	8/30/2011	1	6'6"	R	14-47		1	1								1					1				 		₩	₩	igwdapprox		+
	R14	8/30/2011		8'6"	+	,		1	ļ		-		1	\vdash	_												ļ	ــــ		\square		+
Summit Pine Valley Cove	+				R	14-49					1			\vdash	1				_1					1		-		₩			 	+
Pine Valley Cove	R14	8/30/2011		3'6"	R	14-52	-			-	1		1					_							1	4	1	₩	↓			+
Pine Valley Cove Chatfield	R14 R14	8/30/2011 8/30/2011	1	7'3"	R	14-53 14-54	1		 	_	1		1	\vdash			-	\dashv			 					-	<u> </u>	┼	 			+
Millburn	·		1	71011	R		-	-	1-				-				1	\dashv				1				-				igwdapprox		+
Millburn	R14	8/30/2011 8/31/2011		7'6" 5'8"	R	14-57	-		-	1	1		1													4	<u> </u>	₩	 			+
	R14				R	14-58	-	-		1	1		1	\vdash												-	<u> </u>	—	 	\square		\bot
Millburn	R14	8/31/2011	- 1	10'3'	R	14-59	ļ	 			1		1	\vdash			_									 -		₩	+		 	\bot
Auburn Hills	R14	8/31/2011	1	CIAN	R	14-61	 	-	-	-							1					1						₩				4
Auburn Hills	R14	8/31/2011		6'1"	R	14-62	-	<u> </u>	-	1	1		1	\vdash				_								-		—	1	\square		_
Auburn Hills	R14	8/31/2011	4	7'2"	R	14-63	-	├	-	-	1		1	\vdash			-)	<u>.</u>		 				+
Hwy 35 Auburn Hills	R14	8/31/2011	1	CIOII	R	14-63A	╂	 	-	-	4						1					1				4		—	1	\square		+
	R14	8/31/2011	1	8'9"	R	14-64	1	 			1		1	\vdash			-				$\vdash \vdash$	_				4	 	—	↓ —'			4-
Auburn Hills	R14	8/31/2011	1	6'2"	K	14-64A	-	├	-	├				\vdash			1	\dashv			\vdash	1				-	ļ	₩	_	 	-	+
Auburn Hills Auburn Hills	R14 R14	8/31/2011 8/31/2011		7'4"	R	14-65					1		1	\vdash											1	-	ļ		-	igwdapprox		+
	R15	8/30/2011			R	14-66		-	1		1		1	\vdash												+-		₩	 			+
Pine Valley Cove Pine Valley Cove	R15	8/30/2011		11'0" 4'1"	R	15-1 15-2		.	-	 -	1		1	\vdash							-					-		┼—	+	\vdash		+
Country Oaks Dr	 	8/26/2011		7'4'	R		╂—	1		-	1		1	\vdash		-+							-		ļ	-		—	-			_
······································	R16 R16	8/29/2011		7'5"	I K	16-1	1	1			1			\vdash		1					-		1			_		—		igwdapsilon		+
Summit	4				I K	16-2			-		1		1	\vdash		-						-			05/12/12	-		┼	1-			+
Summit Summit	R16	8/29/2011 8/29/2011		6'10" 14'9"	R	16-3 16-4	1-	-	1	1			1	\vdash		1						1			06/12/13	+		₩	 	1		+
Summit	R16	8/29/2011		7'4"	4-	16-4	-	┼	 	1	<u> </u>	1	1	$\vdash \vdash$	-		\dashv			-			<u> </u>	1	 	-		┼—	—			+
Summit	R16	8/29/2011		8'7"	R	16-5	-	1	-	+-		1	1	┟─┼	1					1	\vdash			1		-		1-	 	\vdash		+
Summit	R16	8/29/2011		6'4"	R	16-6		1 1	1	 		1		-	+			+								-		 	╂	igwdap		+
Country Oaks Dr	R16	8/29/2011		5'9"	+	16-7	-	-	-	1		1		 	1 1		\dashv		1	1	\vdash		1			+	1	 	┼─-	\vdash		+
Country Oaks Dr	R16	8/29/2011		8'8"	R	16-8	1	\vdash	-			1	1	 				-		1			1					₩	╂'			+
Country Oaks Dr	R16	8/29/2011		4'9"	R	16-9	1	+	1	 			1	 							\vdash					+		-	1-			+
Summit	R16	8/29/2011		43	R	16-10	1-	1		╁		-		\vdash			+				 	1					<u> </u>	 	1			+
			1	3'	+		1	-	-	1	1			┌─┤			1	\dashv							07/01/12	+	 	 -	1			+
Hwy 35	S14	6/10/2013		6'	S	14-7		+	-	1	1			┟─╁	-	1	_	+			\vdash	1			07/01/13	+	 	₩	╂	1		+
Hwy 35 Hwy 35	S14 S14	6/10/2013 8/31/2011	1	0	S	14-7A 14-15	1	 	1	1		1	1)	 			1				┝╼┼	1				+	1	+-	+-			+

SENTON UTILITIES					1	IN 7	Su	ırfac	- Abo	ove N	/lanh	ole		Need	for Re	nair	T		Rena	ir Po	wiron	· ont			_	T					
								<u></u>	1	T	141111	٦١٥	⊢-"ì	-eeu	T T	paii 	+		veha	iii Ke(uiren	ient T	Τ	1							1
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth		Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	151	2nd	Low	No Access	} ₹	Bench & Trough or	Remove Roots	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
S Chatfield	S14	8/31/2011	1		S	14-8		T	T	Ī				m			1		+	7	十二	+	100	l	旹	1 (0 (0)	屵	+=	H	 	╄
Apache	S14	8/31/2011		10'2"	S			†		1	1					1	\dashv			1	+	1	 		+-		+-	\vdash	\vdash	 	+-
S Chatfield	S14	8/31/2011		7'9"	s			1		1			1			_	_			+	+	 	 		+-	ļ	1		\vdash	 	+-
S Chatfield	S14	8/31/2011		6'9"	s			1		1	1		1			_	-			_	*	-	 		+				\vdash	<u> </u>	╫┈
S Chatfield	S14	8/31/2011		7'8"	s			1		1			1			_				+		 	 -		+		\vdash	+	\vdash	 	+-
Prysock/Chatfield	S14	8/31/2011	1	· . · . · . · . · . · . · . · . · . · .	s	·		1								_		_		\dashv	1		┼		+		\vdash	+	\vdash		+
Prysock	S14	8/31/2011		7'10"	Ś		T	1	T							1	\vdash			-	 •	1	1		+-		 	╁	╂─┤		+
Prysock	S14	8/31/2011		6'10"	S	14-14A	1	1	1							1	\dashv					1	 		+	 -	 	+	\vdash		+-
Hwy 35	S14	6/10/2013		7'	s	14-16			t	1			1			1	_	-		_	_	 	\vdash	<u> </u>	+		 	\vdash	\vdash		+
Golden Dr	S14	8/31/2011	1		S				1							1	1				1		<u> </u>	1	+		╂──	+			+
Golden Dr	S14	8/31/2011		4'9"	S	14-17A	1	1							1					1	 -	1	 	-	+	 	 	╁─┤	\vdash		+
Prysock	S14	9/7/2011		5'10"	S	14-18					1					1	1			_	1	 	 		+-		\vdash	+			+
Prysock	S14	9/7/2011		6'3"	S	14-18A					1		1							- -		<u> </u>	 		+		 	 	$\vdash \vdash$		+-
Prosock	S14	9/7/2011	1		S	14-19											1				1		1 -		+		 	+	\vdash		+
Prosock	S14	9/7/2011	1		S	14-19A											1				1	†	\vdash		+		 	+			+-
Prosock	S14	9/7/2011	1		S	14-20											1			+	1	 	 	-	1		 	\vdash	\vdash		+
Kay Rd	S14	9/7/2011	1		S	14-21		1									1		-		1		†		1-		 	H	┝─┤		+-
Hwy 35	S14	9/7/2011	1		S	14-22	1									1	1			\top	1	1			 	:		 	H		+-
Prosock	S14	9/7/2011	1		S	14-22A											1			1	1				1		1	+	$\vdash \vdash \vdash$		\vdash
Hwy 35	S14	9/7/2011	1		S	14-23											1				1				†	777	\vdash	+			+
Hwy 35	S14	9/7/2011	1		S	14-24			1	1							1	1			1				1		\vdash	\vdash	H		+
Auburn Hills	S14	9/7/2011		7'6"	S	14-25					1		1							1					 		H	\vdash			+
Auburn Hills	S14	9/7/2011		8'7"	S	14-25A						1	1				1		1	十		1			 		†				+
Auburn Hills	S14	9/7/2011		6'11"	S	14-26					1		1.				1			1	1				1		 	H	\vdash		
Hwy 35	S14	9/8/2011		9'7"	S	14-27			1	1					1		1		1			1			1		├ ── [┤]	\vdash	\vdash		
Hwy 35	S14	9/8/2011		8'	S	14-28					1		1				1		1		1				1			\vdash			T
Social Hill	S14	9/8/2011		6'11"	S	14-29		1					1 1				1			_	1				1		\Box		\vdash		t
Hwy 35	S14	8/31/2011	1		S	14-31(NF)											ı				1										T
Hwy 35	S14	8/31/2011		6'6"	S	14-32					1		1,							1					1		\Box				
Hwy 35	S14	8/31/2011		5'10"	S	14-33					1		1,				1					1			1		ļ				T
Hwy 35	514	8/31/2011	1		S	14-34											1				1	1					\Box				†
Hwy 35	S14	8/31/2011		4'10"	S	14-35					1		1.			• •	1		1	1											
Hwy 35	S14	8/31/2011		15'4"	S	14-36				1			1.				1								1	***	М				†
Hwy 35	S14	8/31/2011		12'6"	S	14-36A					1		1				T			1		1			1		\vdash				
Chatfield	S14	9/8/2011	1		S	14-37												1		\top	1			ì	1						-

							Su	rfac	e Abo	ove N	/lanh	ole	. 1	Veed	for F	Repai	r		Re	pair I	Requi	reme	ent			T						
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	1	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Chatfield	S14	9/8/2011		9'3"	S	14-38		1		I						1							1			T						
Chatfield	S14	9/8/2011	1		S	14-39	1										1		************			1				1						П
Chatfield	S14	9/8/2011		8'1"	S	14-40		1					1													1			П			
Chatfield	S14	9/8/2011		4'7"	S	14-41					1		1												1							
Social Hill	S14	9/8/2011		6'4"	S	14-41A				1			1																П	\Box	ł	П
Social Hill	S14	9/8/2011		5'5"	S	14-42		1					1																	П		
Social Hill	S14	9/8/2011		16'0"	S	14-42A	1	1					1												ļ.							
Social Hill/Chatfield	S14	9/8/2011		5'6"	S	14-43		1					1																			
Social Hill	S14	9/8/2011		8'10"	S	14-44		1					1																			
Chatfield	S14	9/9/2011	1		S	14-45(BR)											1					1										
Chatfield	S14	9/9/2011		9'4"	S	14-45A		1					1																			
Social Hill	S15	8/29/2011		4'3"	5	15-4	4	1					1												}							
Carma	T14	8/29/2011		3'8"	T	14-1		1					1																			
Carma	T14	8/29/2011		9'4"	T	14-2		1					1																			
S Chatfield	T14	8/29/2011	1		T	14-3											1					1										
S Chatfield	T14	8/29/2011		10'1"	T	14-4		1					1																			
S Chatfield	T14	8/29/2011		6'7"	T	14-7		1				L	1												ŀ							
S Chatfield	T14	8/29/2011	1		T	14-8		-									1									+						
Totals	<u> </u>		34				1	40	0	5	36	5	75	0	6	9	34	0	2	4	1	35	8	2		0	0	0	0	2	0	0

Total No. Manholes

124

							Su	rface	Abc	ve M	lanh	ole	N.	Need	for I	Repai	ir		Re	pair	Requi	irem	ent					T				T
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	ak at Inhole Imber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None		2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Ext	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Hawthorn	M15	11/6/2012		5'7"	M15	22		T	T		1		1					Î		Ī												T
Sandlewood	N15	11/6/2012	1		N15	44A		†	İ								1			1		1						1	1	1		1
Sandlewood	N15	11/6/2012		7'2"	N15	44B			!		1		1						<u> </u>				-			 		1		1		1
Hampton Drive	N16	11/6/2012		7'11"	N16	1	1	1	†		1		1				1		 	1								_	1	+		+
Hampton Drive	N16	11/6/2012		5'10"	N16	1A					1		1						1	1							 		1	1		+
Hampton Drive	N16	11/6/2012	1		N16	1B	1	1					\Box				1	1		1		1				1	 	+		 	<u> </u>	+
Cheshire Drive	N16	11/6/2012	1		N16	2	1	1						\square			1	1		1	1	1		 				+		1		+
Gattin Road	015	11/22/2012		6'10"	015	11		1		1			1					1	 	1	1							\top	1	1		+
Sonoma	015	11/6/2012		5'1"	015	25A	1	T -			1		1					1		1	1							+	1	T		+
Sandlewood	015	11/6/2012		6'8"	015	25B	1	<u> </u>	1		1		1		\vdash		1	1		1	† · · · ·			1				1	1	1		+
Michelle Drive	015	11/27/2012		5'9"	015	27	1			<u> </u>	1		1		†	1		1		1	1	<u> </u>				 		+	1	1		+
Gattin Road	015	11/27/2012		7'0"	015	28	1	1	1	1			1		1	1		1		1	1	<u> </u>		1				1	1	T		+
Gattin Road	015	11/26/2012		9'10"	015	29		1		<u> </u>			1							1				1	(†			1-	†		1
Hidden Meadows	015	11/26/2012		8'3"	015	36	1	1	1		1		1			1	1			1	1	1		†		†			1	 		1
Gattin Road	015	11/26/2012		7'9"	015	37	1	1	1	<u> </u>			1		1			1		╁┈┈	†	1		1	Ì			1	1	1		1
Gattin Road	015	11/26/2012		5'1"	015	37A					1		1		t					1								\top	1	1		+
Gattin Road	015	11/26/2012		5'3"	015	38		1	1				1			1				1								1				1
Gattin Road	015	11/26/2012		11'0"	015	40		1					1																 			1
Gattin Road	015	11/26/2012	· ·	4'11"	015	41		1					1														1			1		1
S. Shady Lane	015	11/27/2011		7'8"	015	43		1			· · · ·		1			1																1
S. Shady Lane	015	11/27/2012	1		015	44											1					1										1
S. Shady Lane	015	11/27/2012		15'1"	015	45		1					1							1									1	1		1
Pope Dr.	015	11/28/2012	1		015	48											1		1			1			î							1
Pope Dr.	015	11/28/2012	1		015	49									1		1		1			1										
Pope Dr.	015	11/28/2012	1		015	50									T		1					1		1								1
Pope Dr.	015	11/28/2012	1	:	015	51	1		1								1					1						1		1		
Pope Dr.	015	11/28/2012	1		015	52	1			1						1	1		1	1	1	1							1_	1		1
Pope Dr.	015	11/28/2012		4'5"	015	56	1			1	1		1								1								1	1		1
Arkansas Drive	015	11/28/2012		12'4"	015	57		1			T		1				1			1					2				-	\Box		\top
Pope Dr.	015	11/28/2012		5'2"	015	58			1		1		1				1															
Arkansas Drive	015	11/28/2012		9'10"	015	59		1	1		1		1				1				-			1								1
S. Shady Lane	015	11/28/2012		7'5"	015	60		1	T	1			1				1	1		1										1		T
Texas Drive	015	11/28/2012		5'8"	015	61		1			1		1						2	1	T^{-}					1		1	1			1
Texas Drive	015	11/28/2012		5'0"	015	62			1		1		1				T	1			1				l i				1	1		1
Texas Drive	015	11/28/2012		7'3"	015	63	1	1	1		1		11	Г			1		1	1	1	1						1	1	1		1

SENTON UTILITIES S	I				BASIN		Su	rface	Δho	ve M	lanho	ا عاد		Joed	for R	enair	. 1		R ₀	nair	Page 1	rom	ont					T-	1	1		
								IIact	Γ :	ve iv	iaiiii(אפ		veed	וטו א	epair			ĸe	pair i	Requi	reme	ent					1			l	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Mai	ak at nhole mber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	1 0	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Pope Dr.	015	11/28/2012	1		015	64	1										1			T T		1		Ī		T		1	i -			
S. Shady Lane	015	11/27/2012		14'6"	015	65		1					1							†				 	 	+-	<u> </u>	+-	1			十
Pope Dr.	015	11/28/2012		8'6"	015	66	1		<u> </u>		1		1							 	1 1			 		+		╁──	 			+-
Pope Dr.	015	11/28/2012		12'3"	015	67			†		1		1											1		- 		1	1	H		+
Pope Dr.	015	11/28/2012	1		015	68										\neg	1			1	1 1	1		1		+		╁──	\vdash			+
Gattin Road	016	11/26/2012		6'8"	016	1		 				1	1							†						+		1	1			+
Gattin Road	016	11/26/2012		7'2"	016	2		1	-			1	1							 	1					+	<u> </u>	†	1			+
Gattin Road	016	11/26/2012		7'0"	016	3		T				1	1								1 1					+			<u> </u>			+
Gattin Road	016	11/26/2012		6'8"	016	4						1		\Box		1				†			1		 	1	<u> </u>	†	1			+
Merril	016	11/26/2012		6'3"	016	5		1			1		1														<u> </u>	 				+
Spears	016	11/26/2012	1		016	6		1									1					1	······································	 			1	1	1			+
Spears	016	11/26/2012	1	· · · · · ·	016	7		1									1				1 1	1						1	1			1
Gattin Road	016	11/26/2012		7'1"	016	8						1	1											l		<u> </u>		1	1			1
Gattin Road	016	11/26/2012		7'0"	016	9						1	1										**************************************	1		†		1				+
Gattin Road	016	11/26/2012		6'11"	016	10						1	1										931-413-1-13-1-13-1			<u> </u>	1.	1	1			1
Gattin Road	016	11/26/2012		5'1"	016	11		1					1								1			!		1		1				1
Gattin Road	016	11/26/2012		6'6"	016	12		1								1					1		1			- 1		1	1			1
Gattin Road	016	11/26/2012	1		016	13											1				1 1	1		T	,			1				+
Winfield Drive	016	11/26/2012		7'0"	016	14		1	1		1		1								1			†		-	1	†	T			+
Cheshire Drive	016	11/26/2012		6'3"	016	15					1		1															1				+
Cheshire Drive	016	11/26/2012		6'2"	016	16	,				1		1											l		1						†
Winterbrook Drive	016	11/14/2012		5'8"	016	17					1		1										h			1		1				†
Winterbrook Drive	016	11/14/2012		4'6"	016	18					1	1	1							1						1						T
Winterlake Drive	016	11/14/2012		4'7"	016	19					1		1						·····									1	1			1
Winterlake Drive		11/14/2012		4'5"	016	20	1					1	1			7					Ħ					1		1				1
Winterlake Drive	016	11/14/2012	1		016	21											1			1	1 1					1	,					T
Winterlake Drive	016	11/14/2012	1		016	22	1	T									1				1 1	1	· · · · · · · · · · · · · · · · · · ·	1		1	1	1	1			†
Winterlake Drive	016	11/14/2012		4'4"	016	23					1		1												Ì	1						†
Stone Creek	016	11/27/2012		5'10"	016	24	1				1		1 /													1			1			T
Stone Creek	016	11/26/2012		7'1"	016	25					1		1										·		i	1		1				1
Cheshire Drive	016	11/26/2012		6'0"	016	26		1	1		1		1	1						-					j	1						T
Winterbrook Drive	016	11/14/2012		7'1"	016	27		1			1		1 :										-			1					** ** **** ****	1
Winterbrook Drive	016	11/14/2012		5'2"	016	28	1				1		1						The second second second second second								1					T
Winterbrook Drive	016	11/14/2012		5'3"	016	29			1		1		1 1								1 1							1			 -	†
Winterbrook Drive	016	11/14/2012	1		016	30	1	T	1						1		1			1	1 1	1		1	1	1		1	1			1

BENTON UTILITIES S	I WIN	INCLL REP	TIN NEC	טאט	BASIN	10	٠.	. u£~ ~	. AL.	we P	Annt.	ا مآد			J &	D		T			<u> </u>					7	<u></u>	_	1			
							\vdash	irrace	e Abo	ve iv	iann	ole		Veed	for I	кера	ır		Re	pair	Requi	rem	ent	· · · · ·]	l	
STREET ADDRESS	Grid No	Date Visually Inspected	Unable to Access	Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Winterlake Drive	016	11/14/2012	1		016	31	1		Ī		Ì			Ī	f	i T	1		- 12			1		I		 		1	T			十
Winterlake Drive	016	11/14/2012		2'8"	016	32			1		1		1	İ	 	1				1	1			1-		 		1	1			+
Winterbrook Drive	016	11/14/2012	1		016	33									f		1			1		1							1-			+
N. Summit	016	11/13/2012		5'4"	016	34	1	-			1		1		1	 				1				 		_		+	†		 	+
N. Summit	016	11/13/2012		5'7"	016	35	1	1					1		1											 		†	1			+
N. Summit	016	11/13/2012		4'2"	016	36		1	1-				1		†									1				 	1	\vdash		+
N. Summit	016	11/13/2012		5'7"	016	37	1	1				1	1		1	1				T^-	1-1		***			+		+	+-			+
Merril Drive	016	11/26/2012		6'4"	016	38			1	1	1		1			1								1		+		1-				+
Merril Drive	016	11/26/2012		8'10"	016	38A			1		1		1												, , , , , ,	_		 				+
Merril Drive	016	11/26/2012		8'6"	016	38B					1		1											†				 	†			+
Winterbrook Drive	016	11/14/2012		5'7"	016	39		1					1		†											1.	1	1	1	\square		+
Autumn Drive	016	11/6/2012		7'3"	016	40					1		1							1						1		 				+
Ridgeway	016	11/6/2012	1		016	41					,			1			1	1		t				<u> </u>				1	 			+
Winterbrook Drive	016	11/14/2012		6'0"	016	42					1		1													1						1-
Autumn Drive	016	11/6/2012		7'7"	016	43					1		1							1						1		1	1			1
Autumn Drive	016	11/6/2012			016	44					1		1						Trans. Itsus.	†						1			1	\square		1
Autumn Drive	016	11/6/2012	1		016	45											1		***************************************			1										1
Autumn Drive	016	11/6/2012		6'5"	016	46					1		1														· · · · · · · · · · · · · · · · · · ·	†	1			1
Winterbrook Drive	016	11/14/2012	1		016	47											1					1		1				1			<u> </u>	1
Autumn Drive	016	11/6/2012		9'9"	016	48					1		1													1		1	1			1
Medford	016	11/6/2012		7'10"	016	49					1		1											1		1		†				_
Harvest Cove	016	11/13/2012	1		016	50											1					1				1		1				
Harvest Cove	016	11/13/2012		4'5"	016	51					1		1													1		†				1
Autumn Drive	016	11/6/2012		4'0"	016	52	1				1		1		1								,		i i	1		1	†			1
Gattin Road	016	11/13/2012		6'3"	016	53	2	1	1				1		1											1		1			i	†
Gattin Road	016	11/13/2012		8'3"	016	54		1					1															1			i	†
Gattin Road	016	11/13/2012	4	8'9"	016	55		1	1				1								1 1					†	<u> </u>	1				†
Gattin Road	016	11/14/2012			016	56							(T		1				1 1	1				1		1	1			1
Gattin Road	016	11/14/2012		7'0"	016	57		1					1													1		1				1
Madrid Drive	016	11/26/2012		5'8"	016	58					1		1.						- 1,	1								1				1
Madrid Drive	016			9'0"	016	59	T				1		1													T		T		\Box		1
Madrid Drive	016	11/26/2012		7'6"	016	60					1		1.			1				1						1	1	1				1
Madrid Drive	016	11/26/2012		10'10"	016	61		Ť	1		1		1													1			1			1
Montgomery Drive	016	11/26/2012		6'2"	016	61A			П	-	1		1			1			· . · · · · · · · · · · ·	1									1			1
N. Summit	016	11/14/2012		6'2"	016	62		1	1				1			1									<u> </u>			1				1

BENTON UTILITIES S	S IVIAIN	INOLE KLPA	IIK KEC	OKD I	BASIN	-	ž	-É	مام	N	lanha	Jo I		and t	or D	onoir			Por	air F) og vir	0.00.0				1	1	1	1			
								rface	1	ve M	arimo	ле	- 1	eea 1	OI K	epair T		- 1	ret	Jail H	Requir	eme	:11 L								i	1
			Unable		Le	ak at	Concrete Pav	Asphalt Pavement	Sidewalk Pavement								N O	Replace M	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious		Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension	Lining Completed
	Grid	Date Visually	to			nhole	/em	eπ	em'	Gr	ଦ୍ର	≶	z	1		_ 1	ਨ੍ਹੇ	ᆰ	다.등	R	S	se	en:	=	Date Repair	밀	T P	ğ	Pla	Rai:	or F Sea	, [등
STREET ADDRESS	No.	Inspected	Access	Depth	1	mber	Pavement	ent	ıent	Grave	Grass	Wood	None	1st	2nd	Low	Access	Manhole	n or ipe	ots	ver	Rig	eal Rim or Extension	Lining	Completed	ced	ipe	ved	ced	sed	or Rim Sealed	<u> </u>
N. Summit	016	11/14/2012		9'7"	016	63		1					1																			
N. Summit	016	11/14/2012		5'10"	016	64		1			-(4-0-125)	7.2	1																			
Madison Village Dr.	016	11/26/2012	1		016	65											1					1										
Madison Village Dr.	016	11/26/2012		7'7"	016	66										1			1										<u>L</u>			\perp
Chambrey Place	016	11/26/2012		6'1"	016	67		1	20 .22 1				1																<u> </u>			丄
Chambrey Place	016	11/26/2012		6'1"	016	68					1		1														<u> </u>		<u> </u>	\bigsqcup		
Chambrey Place	016	11/26/2012		7'3"	016	69	1						1															_				
Madison Village Dr.	016	11/26/2012		6'0"	016	70					1		1															_		igsqcut		\bot
Madison Village Dr.	016	11/26/2012	1		016	71											1					1			-			1	<u> </u>	<u> </u>	<u> </u>	
Gattin Road	016	11/14/2012		6'5"	016	71		1					1											<u> </u>				<u> </u>	<u> </u>	 '		
N. Summit	016	11/14/2012	1		016	73											1					1						ļ		<u> </u>		Щ.
N. Summit	016	11/14/2012		12'8"	016	73A					1		1																<u> </u>			
N. Summit	016	11/13/2012		7'4"	016	74		1					1												1			ـــــــ	<u> </u>	 /		
Autumn Drive	016	11/6/2012		5'7"	016	75					1		1											ļ			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Ridgewood	016	11/6/2012		4'8"	016	76					1		1											<u> </u>					ļ	<u> </u>		
Autumn Drive	016	11/6/2012		5'10"	016	76A					1		1															_	<u> </u>	<u> </u>		 _
Autumn Drive	016	11/6/2012		6'0"	016	77					1		1									, , ,	-		ļ.				<u> </u>	 	ـــــــ	4
Edison	P14	11/27/2012	1		P14	9					1						1					1			1		ļ			<u> </u>		
Edison	P14	11/27/2012	1		P14	10 (BR)					1						1					1					ļ					\bot
Edison	P14	11/27/2012		7'2"	P14	11			<u> </u>		1		1										,						<u> </u>			_
Edison	P14	11/27/2012	1		P14	12					<u> </u>	1	ļ				1					1					ļ	1	1	<u> </u>		4
Edison	P14	11/27/2012		6'3"	P14	13					1		1							ļ			·					<u></u>	1			4
Edison	P14	11/27/2012	<u> </u>	5'6"	P14	14					1	-	1	Ш										<u> </u>		1_		1	<u> </u>	<u> </u>		
Edison	P14	11/27/2012		7'11"	P14	15					1	_	1											1				-	 	_	—	-
Edison	P14	11/15/2012		5'11"	P14	16					1		1									.,,	-	1				 	-			—
Edison	P14	11/15/2012		5'11"	P14	17					1	<u> </u>	1							<u> </u>					<u> </u>		1		-	<u> </u>		-
Edison	P14	11/15/2012		6'3"	P14	18	1_	ļ	<u> </u>			1				1					1			1_				1	_	-	 	-
Edison	P14	11/15/2012			P14	19		1			ļ	1	<u> </u>				1		ļ	<u> </u>		1		 				1	-	 		-
Edison	P14	11/27/2012			P14	20	1_	ļ		1		1					1			<u></u>	lacksquare	1		1	<u> </u>	4	1	-	 			4
Edison	P14	11/27/2012]	P14	21		<u> </u>			1						1		1	<u> </u>		_1_	<u> </u>	ļ	<u> </u>	4-		4_	1	1		4
Blaylock	P14	11/27/2012		7'6"	P14	22	┖				1		1							<u> </u>				╄	 			\bot	1	-	 	+
Edison	P14	11/27/2012	+	8'10"	P14	23				1			1											₽	<u> </u>			-	1_	1		+
Edison	P14	11/27/2012	+	4'6"	P14	24		_	1	1		_	1							<u> </u>					 		 	-	1	1	-	
Edison	P14	11/27/2012		7'6"	P14	25					1		1	-					 		1			↓_		_	<u> </u>	-	1	—	 	4
Edison	P14	11/27/2012		6'1"	P14	26				1		1_	1						<u>]</u>	<u>1</u>			j	1	<u> </u>		1		1	<u>L</u>	<u> </u>	

BENTON OTILITIES 3	1	1			BASII	-	Su	ırface	Δho	ve N	lanh	مام	,	Neer	d for	Rena	ir	Ţ	Po	nair	Requ	irom			1			_	1	_		_
	<u> </u>							1	T	1			- '	1	T	Tepa	1	\vdash		Pali	requ T	nem	ent	т								
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	M	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Edison	P14	11/27/2012	1		P14	27				1				T	T	T	1	T	T	T		1		T		Ť		╅	 			旹
Edison	P14	11/15/2012	1		P14	28	1				1		,	†	1	1	1	T	†	†		1	*****		ì	1		+	╁	 		+
Edison	P14	11/15/2012	1		P14	29					1			1		1	1	ı	1	1	1	1		1		1-		+-	╁			+
Edison	P14	11/15/2012	1		P14	. :		<u> </u>				1		†	1	†	1		†	†	1	1		-		1		+	+	 		+
Edison (ROW)	P14	11/15/2012	1		P14	31						1		╁		†	1		†	†		1				1		1	+	\vdash		+-
Edison (ROW)	P14	11/15/2012	1		P14	31A						1		t	1	1	1		 	1	1	1		1	·	1		+	+	!		+-
Whispering Wood	P14	11/15/2012	1	Î	P14	32					1			1			1	1	1	1	†	1		†		1		+	+	t		
Eden	P14	11/15/2012	1		P14	33						1			1	1	1		<u> </u>	†		1		†		1-		+	1	 		+
Eden	P14	11/15/2012	1		P14	34						1		1		1	1	1		†		1				1		+	 	 		+
Eden	P14	11/15/2012	1	<u> </u>	P14	35										1	1			1						+		1	+		***	+
Eden	P14	11/15/2012	1		P14	36		1						1		1	1	1		1				1		1	<u> </u>	+	+-			+
Paradise Valley	P14	11/15/2012	1		P14	37											1	T		1						1	<u> </u>	1	╫	1	· · · · · · · · · · · · · · · · · · ·	
Paradise Valley	P14	11/15/125	1		P14	38 (NF)									1		1	1		1						+	<u> </u>	1	+	1		+
Genesis	P14	11/15/2012	1		P14	39											1			1		1				1		-	 	†		1
Eden	P14	11/15/2012		13'3"	P14	40		1			1		1.	1					1	1				1		1	†	+	 		·	
Eden	P14	11/15/2012		14'7"	P14	41		1					1							1						-	1					+
Eden	P14	11/15/2012		11'0"	P14	42					1		1		T			1		1	1					+		1	1			+
Adams Vineyard	P14	11/27/2012		10'9"	P14	43					1		1					1		1	1				1	+	1	1	 			+
Adams Vineyard	P14	11/27/2012		15'0"	P14	44					1		1					1		1						1	}		1	\Box		+
Yuma	P15	11/26/2012	·	6'4"	P15	2		1					1					1		1						+	†	1	1-			1
Edison	P15	11/26/2012		7'11"	P15	2A	1						1							1						1		1	 			
Edison	P15	11/26/2012		8'0"	P15	3		1			1		1					1	1	1						+		1	┢		•	1
Edison	P15	11/26/2012	1	9'7"	P15	4		1				1	1					1	1	1					į.	1		1	1			t
Edison	P15	11/26/2012		4'9"	P15	4A					1		1		1					†						1		1	1			†
Edison	P15	11/26/2012	1		P15	4B					1		,				1	T		1						1			1	f = f		<u> </u>
Morningside	P15	11/26/2012	1		P15	5						1					1	T	1	1		1				1	†	1				<u> </u>
Edison	P15	11/26/2012		5'8"	P15	6					1		1					1									1	1		\vdash		†
Canterbury	P15	11/27/2012		6'5"	P15	7					1		1			1			1		1	-				1		1			 	
Canterbury	P15	11/27/2012		6'0"	P15	7A		1					1													1		T				
Canterbury	P15	11/27/2012	1	4'2"	P15	9		1					1													1		1			· · · · · · · · ·	†
Starke	P15	11/27/2012	1		P15	9A (NF)				1							1			T		1				1		1				†
Edison	P15	11/26/2012	1		P15	10					1						1					1				1		1				†
Edison	P15	11/26/2012	1		P15	11					1						1					1			Ì	1		1				
Edison	P15	11/26/2012		8'2"	P15	12					1					1					1		-			1		1				
Edison	P15	11/26/2012		4'9"	P15	13					1		1			1			1	1					1	1		1	1			П

BENTON UTILITIES S	O WIAN	INULE KEPA	AIK KEC	UKU	BASIN	1 8	1 -					· · · ·					_								-,		· · ·				
								rface	Abo	ve N	lanho	ole	<u> </u>	leed f	or Re	pair	╀	Re	pair	Requi	irem	ent						1			
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	No Access	Replace Manhole		Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Edison	P15	11/26/2012		6'1"	P15	15					1		1		T	T	T	T	T	T			Ī		7			T	T		Ť
Edison	P15	11/26/2012		6'10"	P15	16					1		1		1		1		†			l	t		_		1	+	1		+-
Edison	P15	11/26/2012		8'5"	P15	17	T			1	-		1		1	1	1	1	1				 		+		 	+	+		+-
Shady	P15	11/27/2012	1		P15	18	†	1				-	-		_	1	1	†	1	1	1		1		+-		+	†	1-		+
Shady	P15	11/27/2012	1		P15	19	†	1							-	1	_	 	1	1	_		†		+-		╁	十	+	-	+
Edison	P15	11/26/2012		5'8"	P15	20	1	Ī			1		1		\dashv	T	1	1	1	╅			<u> </u>		+			+-	1	<u> </u>	+
Edison	P15	11/26/2012	1		P15	22					1		-		+	1	1	1		1-1	1		†		1		†-	 	1		+
Pope Dr.	P15	11/27/2012		6'11"	P15	23		<u> </u>			1		1				┪-		-				1		+		+	十	+		+
Pope Dr.	P15	11/27/2012		8'2"	P15	26	T				1		1				1	†	1				†		+-		十一	十一	 		+
Edison	P15	11/26/2012		6'4"	P15	27	1	1			1		1		十		1	1	1						+-		1	+-	1		+-
Edison	P15	11/26/2012	<u> </u>	6'0"	P15	28	T	†			1		1				1	1	1	1			 		+		†	十	 		1
Pope Dr.	P15	11/27/2012		9'10"	P15	29		1					1		1		1	1	1-	1			1		+		†	+	1		1
Pope Dr.	P15	11/27/2012		7'1"	P15	30		1							1	1	1	1	1		1		†		1		1	1	 		+
Damon	P15	11/27/2012		9'3"	P15	32	ı	1					1		_		1						1		+		1	1	1		†
Damon	P15	11/27/2012		9'9"	P15	33					1		1				1		1						+		 	十	 	 	1
Damon	P15	11/27/2012		5'8"	P15	33A		1			1		1		1	1	1	1					T		1	<u> </u>		†	1		1
Shady	P15	11/27/2012		4'5"	P15	34		1					1				1	1							1		†	1	1		
Shady	P15	11/27/2012		8'10"	P15	35		1					1				1	1	1				1		1			T			†
Shady	P15	11/27/2012	1		P15	36										1				1					1		1	T	1		1
Shady	P15	11/27/2012		6'9"	P15	37	1	1					1				\top								1		1	†	1		1
Shady	P15	11/27/2012		6'0"	P15	38		1					1												十		1	1	1		1
Damon	P15	11/27/2012		5'3"	P15	40					1		1			1	1		1						1			1	1		1
Damon	P15	11/27/2012	1		P15	41						1				1	T		T		1							1			1
Damon	P15	11/27/2012		5'11"	P15	42					1		1														T	1			1
Pope Dr.	P15	11/27/2012			P15	43						1			1	1					1							1	1		1
Pope Dr.	P15	11/27/2012		6'3"	P15	43A		1	1				1			T	T									1		1	1		1
Pope Dr.	P15	11/16/2012		12'4"	P15	43B	1				1	1	1				T		1									1			1
Pope Dr.	P15	11/16/2012		14'0"	P15	43C					1		1															1		-	1
Spurlock	P15	11/26/2012	1		P15	44					1		. 3			1	1				1							1			1
Spurlock	P15	11/26/2012		11'7"	P15	44A		1					1				T											T			
Shady	P15	11/26/2012	1		P15	45		L				1	ν.			1					1							T			1
Shady	P15	11/26/2012		14'6"	P15	45A		1					1:																		
Shady	P15	11/26/2012	1		P15	46						1				1					1										
Shady	P15	11/16/2012	1		P15	47						1				1					1										1
Edison (ROW)	P15	11/15/2012		8'4"	P15	48						1	1		T		Ī								\top						

BENTON UTILITIES S	J WIAN	MOLL KLPA	AIN NEC		BASIN	10	l c.	-£	. A b .	N	don h	ala i		14	for D		:- 1	1	Pos	noir I	Domilia					I	<u> </u>	1	1	_		_
							-	T	e Abo	ove N	iann	oie	<u> </u>	veed	for R	epai	"	-	, ke	pair i	Requir	eme	ent									
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Edison (ROW)	P15	11/15/2012		7'5"	P15	49	t	-	10		1	1	1	1 -	+	_	S	1	W 3	- N	17			100	Compression	╅	1 2	T	 		Ť	干
Edison (ROW)	P15	11/15/2012	-	6'0"	P15	50		-	+	 	1		┢╧	 	H	1	-	╁	1	-	1 1		-	 	ì	+-	ļ	+	1	+-		
Adams Vineyard	P15	11/15/2012	1		P15	52 (NF)		-			Ť		_	╁	H	<u> </u>	1	 	-		1					†		+	+	 		+
Adams Vineyard	P15	11/15/2012		15'7"	P15	53		╁	1-	1	1	1	1	 	+	-	 -	 		_						+			1	 	—	1
Adams Vineyard	P15	11/15/2012		17'0"	P15	54	1	╂	+	 	1	 	1		1		1	†		-	1-1			 		†		1	†	T		1
Morningside	P15	11/15/2012		12'8"	P15	55	1	1	1-	1	1	 	1		+	_	1	1-	<u> </u>		1 1					†		T	T	t^{-}		+-
Morningside	P15	11/15/2012		12'11"	P15	55	\mathbf{t}	\vdash	 	1	1	1	1	 	+		<u>† </u>	t		 	1 1					1		+	†	1		+
Morningside	P15	11/26/2012		9'7"	P15	64		\vdash	1	1	Ť	1	1	t	1-1	<u> </u>	f^{-}	t			1-1	_				1	<u> </u>	T	+	†		十
Faye Circle	P15	11/16/2012		7'6"	P15	63	†	1	1	†	1	┪	1		1-1	 	1	1	1		1 1	\neg			i i	1	1	+	T	1		+
Cole	P16	11/26/2012		6'8"	P16	2	1	1	†	1	 -	 	1	1	1		1	1	1	 	1 1	-				†			1	十		+
Summit	P16	11/26/2012		5'6"	P16	3	1	1	1	╁	1	 	1	t				1		 	1 1						1	 	†	†		+
Church	P16	11/26/2012		5'9"	P16	4	1	1	1	1	<u> </u>	†	1	 	T		†	1	1	 						T		1	†	1	 	+
Church	P16	11/26/2012		6'0"	P16	5	T	1	1	1		1	1	1	T		1	1		一	1			†	l	†		†	1	 		+
Edison/Cole	P16	11/20/2012		10'3"	P16	6	1	1	1	1	1	1	<u> </u>		1	1	†	1	1		1 1			1	1	1		1	1	<u> </u>		+
Church	P16	11/26/2012	1	12'8"	P16	7		1	1	1		†	1	1	T		1				1 1			1		1						1
Edison	P16	11/26/2012	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	P16	8	1	T	1	1	1		1	1	T		1	1				1		1	l i	1	1	1	1	1		1
Huckaby	P16	11/26/2012	4	5'10"	P16	9	1	1	+	1	1	1	1	1	1	1	+	1	1	1						1		1	1	1		十
Edison	P16	11/26/2012	1		P16	10	1			1	1		1	1			1	1				1				1		1		1		1
Edison	P16	11/26/2012	1	7'4"	P16	11	1	1	1	1			1				1	1						1		1	1		1	T		\top
Edison	P16	11/26/2012		4'7"	P16	12		1	1	T	1	1	1				1					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						1		1		
Edison	P16	11/26/2012		3'6"	P16	13		1	1				1				1									1						1
Hobbs	P16	11/26/2012		6'2"	P16	14			1		1		1					1														\top
Hobbs	P16	11/26/2012		7'6"	P16	15			1		1				1				1	1										T		T
Summit	P16	11/26/2012		10'6"	P16			1					1																			
Hobbs	P16	11/26/2012	• • • • • • • • • • • • • • • • • • • 	5'8"	P16	17					1				1				1	1												T
Hobbs	P16	11/26/2012	+		P16	18	1										1					1			-							
Hobbs	P16	11/26/2012		5'9"	P16	19		1					1																			1
Cole	P16	11/20/2012		10'5"	P16	20		1							1				1	1												
Church	P16	1/26/2012	1		P16	21		1									1					1										
Church	P16	11/26/2012		7'0"	P16	22		1					1																			
Church	P16	11/26/2012	1	13'6"	P16	23		1					1																			
Huckaby	P16	11/26/2012		8'2"	P16	24		1					1																			
Hobbs	P16	11/26/2012		5'3"	P16	25		1					1																			
Edison	P16	11/26/2012		4'6"	P16	26					1		1																3			
Edison	P16	11/26/2012	1		P16	27	T			1	Τ						1					1	L							$\prod_{i=1}^{n}$		

BENTON UTILITIES S	- IVIAI				RAZIL	10	1 6		- A I		4 1						_								,				·		
							_	irtaci	T	ove N	lanh	ole	'	Need fo	or Rep	pair	-	Re	pair	Requ	rem	ent									
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Rep Complete	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Church	P16	11/26/2012		14'3"	P16	28	1	1	I				1			T	T		T				T				+=	T		4 1	+=
Cole	P16	11/26/2012		6'6"	P16	29		1					1				-		-				+-		_			╅┈╌			+
Church	P16	11/26/2012	1		P16	30						1				1			t		1		┼──		_	-	+	+	-		
Spurlock	P16	11/26/2012		10'7"	P16	31				1					1	┪	1	1	1	1	_						+-	+-	+-		+
Edison	P16	11/26/2012		5'6"	P16	32					1		1			1		1	†				1		┪		-	1	-		+-
Gattin Road	P16	11/16/2012	1		P16	33						1			+	1	1-	1	1		1		1		\dashv	 	+	+-	1		+
Madison Village Dr.	P16	11/26/2012	1		P16	34		1								$\frac{1}{1}$	1	1	†		1		 			+	+	+			1
Gattin Road	P16	11/16/2012	1	· · · · · · · · · · · · · · · · · · ·	P16	35			1			1	· · · · · · ·			1		†	†		1		╁				╁	+		***************************************	+
Madison Place	P16	11/16/2012	1		P16	36	T		1			1				1	_	1	 		1		╁╌╴				+	+			+-
Madison Place	P16	11/27/2012	1		P16	37		1	Ì		1		-,			1	1	1	 		-		ļ	1	- 		+	+			+
Madison Place	P16	11/27/2012	1	·	P16	38	1	1	 			1			+	$\frac{1}{1}$	<u> </u>	 		+	1		┼				+	 			╂━┥
Madison Place	P16	11/27/2012		9'0"	P16	39	1	1	1				1		+	+-	1	1	 		-		 				+	+			1
Chambray	P16	11/26/2012	1		P16	40		1	1	-		1				1	1	 	1		1	··-·	 	1	-		-	 			+
Chambray	P16	11/27/2012		7'3"	P16	41					1		1		1	Ť	1-	· · · · · ·	 		•		 				+	 			+
Madison Place	P16	11/27/2012		6'1"	P16	42		 			1		1			+	1		1							 	+	 	\vdash		+
Spears	P16	11/27/2012	1		P16	43		1								1	1	+	\vdash		1		 		_	1	+-	-			+
Madison Village Dr.	P16	11/26/2012		7'1"	P16	44	1	1	1		1		1			 	1		† –		-		1-				╫	╁	\vdash		1
Madison Village Dr.	P16	11/26/2012		7'6"	P16	45					1		1		1	1-	1		1			***************************************	 				╂	╁			+
Madison Village Dr.	P16	11/26/2012	1		P16	46										1	+		ļ		1		╁				+	╂			
Madison Place	P16	11/27/2012		9'6"	P16	47		1					1		_	1-	1-		†				├		_		+	╂─			\vdash
Madison Village Dr.	P16	11/27/2012	1		P16	48					1					1	1				1				_	-	+	-	-		1
Madison Village Dr.	P16	11/27/2012	1		P16	49					1				+	1	1-		 	+	1		 		-		╁┈	 		·	╆
Madison Village Dr.	P16	11/27/2012	1		P16	50					1			-		$\frac{1}{1}$	1	 	-	++	1		-		+	+	+-	 			\vdash
Aaronfield Circle	1	11/20/2012		6'8"	P16	51					1		- 1	 	1	+-	1	†		\vdash	1		1				 	+	 		1
Aaronfield Circle	P16	11/20/2012		9'10"	P16	51B					1		1		+	+	1-		 	f	-		 -	+	+		+	1-			\vdash
Edison	P16	11/26/2012		3'10"	P16	52					1		1		\dashv	1	1								+-	 	-	1			\vdash
Faye Circle	P16	11/16/2012		6'0"	P16	53	1				1				1	1	1	1	 			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	-		 	-	\vdash	\vdash		\vdash
Faye Circle	P16	11/16/2012		6'0"	P16	54					1				1	_	1	 	1	+		1				 	+				┼┤
Faye Circle	P16	11/16/2012	1		P16	55			1		1				+ -	1			-	1		-					+	1	┝┯┥	· · · · · · · · · · · · · · · · · · ·	
Montgomery Drive	P16	11/16/2012	1		P16	56				$\vdash \dashv$					+	1		 	1-	-	1			 	+	1	1-	-	\vdash	·	
Montgomery Drive	P16	11/26/2012		6'10"	P16	57					1		1		\dashv	+-	1	1	1		-			-			-	1			H
Faye Circle	P16	11/16/2012		5'2"	P16	58				H	1		1	$\vdash +$	+	+-	1-	 	 	 			 -		+	+	+-				\vdash
Faye Circle	P16	11/16/2012		4'11"	P16	59					1				-	+		 	+-		1					1	+-	1	1		╁┈┤
Aaronfield	P16	11/16/2012		7'3"	P16	60A		1		\vdash			1.	- -	+	+	1-	 	†					 	+-		╂	-		· ········	\vdash
N. Aaronfield	P16	11/16/2012	1	-		60 (NF)		Ť				1		-+	_	1	1	 	+	├	1		 		+	1	┼	\vdash	-		

BENTON OTILITIES 3					BASII		Su	ırface	Δho	we N	/lanh	ole		Noos	d for	Popai	ir l		D.	noir	D =	•			 		_		·		,	
								1	1	1	T	T	 '	T	101	repai		lacksquare	T RE	pair	requ T	irem	ent T	1					1			
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	M	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai Completed	1 ()	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Faye Circle	P16	11/16/2012	1		P16	61							Ī		†		1		i i	1		1		1.00	J	+=	<u> </u>	1 3	18	쁜	0 3	+=
Faye Circle	P16	11/16/2012		5'10"	P16	62						1	1		1					1-		-				+	ļ <u>-</u>		╁	\vdash	 -	
Aaronfield	P16	11/16/2012	1		P16	62A					1	1			1		1			 		1		-	 	+		-	+-	 		╅
Madison Place	P16	11/16/2012	1		P16	64					1			1	1 -		1		.,	1	 	1				+-		1	 	┟─┤	<u> </u>	+
Aaronfield Circle	P16	11/20/2012		11'3"	P16	66					1		1				_			+	 	-				-		-	 	 		-
Aaronfield Circle	P16	11/20/2012	1		P16	66A (NF)					1		1		-		1			1	 	1				+			-	\vdash		+-
Aaronfield	P16	11/16/2012		11'1"	P16	67		1			1		1	1	1				1	†	1	<u> </u>				+	1	 	 	\vdash		-
Aaronfield	P16	11/20/013	1		P16	68								1	1		1			1	† -	1	-			+-		+-	1-	H		+-
Aaronfield	P16	11/20/012	1		P16	69					1			t			1		<u> </u>	 	1	1				+-	<u> </u>	╁	\vdash	\vdash		+
Hobbs	P16	11/26/2012		5'6"	P16	70		1			t		1							 						+-		1	-			+-
Hobbs	P16	11/26/2012		6'0"	P16	71		1		1	 		1		-					+	-				1	+	 	┼—	 	\vdash		+
Aaronfield Circle	P16	11/20/2012		7'0"	P16	72		1			1		1	1					1	1					1	-		-	┼	\vdash		
Madison Village Dr.	P16	11/27/2012	1		P16	73		1		1	1				1		1			1	1	1			1	+		 	-			-
Hobbs	P16	11/26/2012	1		P16	74		1		1					· · · · · · · · · · · · · · · · · · ·		1	 		1		1						╌	+	 		
Hobbs	P16	11/26/2012	1		P16	75			<u> </u>		1			1	1		1			1		1		-				-	 			1-
Summit	P16	11/20/2012		6'4"	P16	76		1					1		1					╁		-				 	ļ., <u></u>	-	-			+
Summit	P16	11/20/012	1		P16	76A		1							1		1			1						+	 	-	-			+
Edison	P16	11/20/012	1		P16	78					1						1			1		1		-	1	+		-	1	\vdash		+
Edison	P16	11/20/012		6'5"	P16	79					1		1	1	1											╅┈		-	-			+
Edison	P16	11/20/2012		17'8"	P16	80					1		1		†											+	<u> </u>	-	-			
Aaronfield	P16	11/16/2012		13'9"	P16	81					1		1	1						-						+	ļ					+-
Aaronfield	P16	11/16/2012		6'9"	P16	83					1		1													+		-		\vdash		-
Aaronfield	P16	11/16/2012		7'3"	P16	84		1					1	†	1											1				 		+
Aaronfield	P16	11/16/2012		11'10"	P16	85		1					1		1											+			-			
Aaronfield Circle	P16	11/20/012		5'4"	P16	86					1		1													+-				- 	··	
Aaronfield Circle	P16	11/20/012		5'10"	P16	87					1		1													1		_				+
Aaronfield	P16	11/20/012		5'10"	P16	88					1		1													+-			ti			+
Aaronfield	P16	11/20/012	-	5'4"	P16	89					1		1				1			1						+						+
Aaronfield	P16	11/20/012		6'7"	P16	90					1		1													+				\longrightarrow		<u> </u>
Aaronfield Circle	P16	11/20/012		8'0"	P16	91					1		1					13	·	1	H					+	<u> </u>	-			······································	+
Silica Heights	Q14	11/14/2012		7'5"	Q14	17		1					1						 - 			-				+					 	+
Silica Heights	Q14	11/14/2012		8'7"	Q14	18		1					1							 						+-						+-
Silica Heights	Q14	11/14/2012	1		Q14	19		1									1					1				+-				- 		1—
Silica Heights	Q14	11/14/2012	1		Q14	20		1									1			1		1		-		1			\vdash			+-
Silica Heights	Q14	11/14/2012		9'5"	Q14	21		1					1		1			-				_								\rightarrow		

SENION UTILITIES S	1				BASIN		Su	ırfac	e Abo	ove N	1anh	ole	,	Need	for R	enai	r	Г	Re	nair I	Requ	irem	ent			ī		Т	T			Т-
								T	1	I		Jie I	 '	T		Cpai	_	-		Pail	Nequ	11 61111	ent	ı				1				
			Unable		1	eak at	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	0							No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious		Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension o	Lining Completed
	Grid	Date Visually			1	anhole	E E	me	me	Grave	Grass	Wood	None		2	Low	ССЕ	둜	말을	8	ပ်	e Z	nsi n	Lining	Date Repair	lac	F 등 등	ĮŠ	lac	ais	or Rim Sealed	let
STREET ADDRESS	No.	Inspected	Access		-	ımber	<u> 2</u>	+	13	<u>l</u> è	S	8	<u>a</u>	1st	2nd	Š	SS	ĕ	8 9	l ğ	<u>e</u>	3	을 악	忌	Completed	l ä	<u> </u>	<u> e</u>	l g	8	e m	<u> </u>
Blaylock	Q14	11/14/2012		5'0"	Q14	23	ļ	1	ļ	 			1								ļ					 		↓	<u> </u>			
Blaylock	Q14	11/14/2012		5'8"	Q14	24	ऻ	1	<u> </u>	ļ			1													<u> </u>	<u> </u>	<u> </u>	ــــــ			
Blaylock	Q14	11/14/2012		4'1"	Q14	25	<u> </u>	1		ļ			1							L	ļ						<u> </u>	<u> </u>				\bot
Blaylock	Q14	11/14/2012		6'7"	Q14	27	<u> </u>	ļ		<u> </u>	1		1													1		1	<u> </u>			
Blaylock	Q14	11/14/2012		5'8"	Q14	28	<u> </u>	<u> </u>			1		1											$oxed{oxed}$				<u>L</u>				
Blaylock	Q14	11/14/2012	1		Q14	29	<u> </u>	L	1	<u> </u>		1		Ш			1					1										
Blaylock	Q14	11/14/2012	1		Q14	31						1					1					1										
Blaylock	Q14	11/14/2012	1		Q14	32 (NF)						1					1					1										
Silica Heights	Q14	11/14/2012		13'5"	Q14	33		1					1																			
Silica Heights	Q14	11/14/2012	1		Q14	34		1									1					1										
Silica Heights	Q14	11/14/2012		5'2"	Q14	35		1					1							T					ŀ							
Silica Heights	Q14	11/14/2012		10'9"	Q14	36		1	1	1			1,												4							
Bristol	Q14	11/14/2012		4'0"	Q14	38				1			1																1			1
Silica Heights	Q14	11/14/2012	1		Q14	38A	Π	1									1					1				1			1			T
Chatfield	Q14	11/14/2012		7'8"	Q14	39		1	1				1																			
Huk	Q14	11/14/2012		3'7"	Q14	40					1		1																			
Silica Heights	Q14	11/14/2012		8'4"	Q14	47		1	1				1																1			
Silica Heights	Q15	11/13/2012		3'8"	Q15	13		1	1	Ī			1							I					and the same of th						,	1
Silica Heights	Q15	11/13/2012		5'0"	Q15	14		1			1		1							T								1	1			1
Canterbury	Q15	11/13/2012		14'8"	Q15	15		1					1							1					1							1
Bristol	Q15	11/13/2012		8'1"	Q15	17		1	1				1							T					j.	T			1			1
Bristol	Q15	11/13/2012		7'4"	Q15	18					1		1.			,									-	1		1	1			1
Bristol	Q15	11/13/2012		6'9"	Q15	18A	1	1					1							—					-			1	1			1
Bristol	Q15	11/13/2012	1	1	Q15	19		1	1	1							1					1				1						1
Chipley	Q15	11/13/2012		1	Q15	20A		1	1								1	T				1				1		1				1
Silica Heights	Q15	11/13/2012		8'1"	Q15	20		1					1.						***							1	1	1				1
Canterbury	Q15	11/13/2012		6'11"	Q15	21		1	T	1	1		1								1				i	1	1	1	1		 	1
Bristol	Q15	11/13/2012		5'10'	Q15	21B	1	 	1	1	1	†	1	_	Н				†	<u> </u>					i	1		1	1			1
Bristol	Q15	11/13/2012		6'5"	Q15	21C	1	1	1		1		1	1				1	1	T	T		· · · · · ·			1		T	1			+
Canterbury	Q15	11/13/2012		4'3"	Q15	22		1	1	1			1	+				1		1						1		1				+
Silica Heights	Q15	11/13/2012		16'4"	Q15	23	1	1	T		 		1	+	\vdash			1		-	 	<u> </u>	 	1		†		1				+-
Silica Heights	Q15	11/13/2012	•	4'3"	Q15	23A	1	1	1				1	+					 	1						1		1	1			1
Silica Heights	Q15	11/13/2012	-		Q15	24	t	1	1	1	1		1				1	T		1	1		†	1		†		†	1		,	+
Silica Heights	Q15	11/13/2012		8'10"	Q15	25	1	1	T	T	\vdash	_	1	 			<u> </u>	1	<u> </u>	1	╅			 		1	1	1				+
Silica Heights	Q15	11/13/2012	+	6'10"	Q15	27	I	1	1	1	+	\vdash	1	+		\vdash	<u> </u>	十一	 	-	t^-	 		 	1	t	 	+	1	\vdash \vdash		+

RENION OTILITIES S	A IAIWIA	ITOLL REPA	AIN NEC		BASIN	0	1 -						3						<u></u>							-	, -	—			, , , , , , , , , , , , , , , , , , , 	
							_	irtace	1	ove N	/lanh	ole		Need	tor l	кера Т	ir		Re	pair	Requi	rem	ent						1			
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	ak at Inhole Imber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Silica Heights	Q15	11/13/2012		8'6"	Q15	28	Ī	1			Ī	Ī	1	T		1		Ī	1	Ť				100		+		╅	1	┿	 	屵
Silica Heights	Q15	11/13/2012	1		Q15	29	1	1		1				1			1					1		 		 	 	+	 	+-	$\vdash \vdash$	+
Silica Heights	Q15	11/13/2012	1		Q15	30		1		1	ļ —	1		†	1	1	1					1				+		+	+-	 	 	+-
Myers	Q15	11/13/2012		5'5"	Q15	31		1					1	†						†						- 	 	 	1	+	 	+-
Silica Heights	Q15	11/13/2012	1		Q15	36		1		1	1						1			†		1				_		+-	1	+	 	+
Silica Heights	Q15	11/13/2012		7'2"	Q15	37	1	1					1													 		+	+	+	 	+
Coral Cove	Q15	11/13/2012	1		Q15	38				1	1						1			1		1				+		 	+	+		+-
Silica Heights	Q15	11/14/2012		7'1"	Q15	39		1		T		 	1			1			1	1	1 1					+		\top	1	+	 	+
Coral Cove	Q15	11/13/2012		6'0"	Q15	40		1			1		1			1				1						+-		\top	+-	+	 	+-
Coral Cove	Q15	11/13/2012		6'11"	Q15	42					1		1	1						1						+	 	+	1	†		+
Silica Heights	Q15	11/14/2012		6'7"	Q15	49		1					1							1							1	1		+-		+
Silica Heights	Q15	11/14/2012		7'1"	Q15	49A	1	1					1	1						1			·····				 	T	1	†—'		+
Cole	Q15	11/14/2012		7'2"	Q15	50		1					1							1						1	 	†	+	+		+
Silica Heights	Q16	11/14/2012		7'5"	Q16	13	1	1	1				1			1				1						1	† · ···	†	1	+		+
Athens	Q16	11/14/2012		6'7"	Q16	15		1					1		200					T					<u> </u>	1		1	1-	+		+
Athens	Q16	11/14/2012		5'0"	Q16	16					1	1			1				1	1						1			T	+	 	+
Church	Q16	11/14/2012		6'5"	Q16	17		1					1													1		十一	1	1		+
Church	Q16	11/14/2012		5'10"	Q16	18			1		1		1												į.	1		†	1	 		+
Church	Q16	11/14/2012		5'2"	Q16	19					1		1													1			1	1	<u> </u>	+
Silica Heights	Q16	11/14/2012		9'5"	Q16	21		1					1							1								+	 	T		1
Silica Heights	Q16	11/14/2012		10'1"	Q16	22		1	1				1													1			+	1	——	+
Silica Heights	Q16	11/14/2012		6'7"	Q16	23 (BR)		1	1				1													1		1	 	+		+
Silica Heights	Q16	11/14/2012	1		Q16	24			Π								1					1				1	<u> </u>	1		1		1
Huckaby	Q16	11/14/2012	1		Q16	25				1							1			1		1				1		1		1		1
Huckaby	Q16	11/14/2012	1		Q16	26				1							1					1				1		1	T	1	 	1
Silica Heights	Q16	11/14/2012		8'6"	Q16	27		1				,	1													1	1	+	1	1		1
Church	Q16	11/14/2012		8'9"	Q16	29		1					1			1										1	 	1	1	1		1
Cole	Q16	11/14/2012		10'8"	Q16	30		1					1													1	<u> </u>		1	1		1
Cole	Q16	11/14/2012		_ 13'3"	Q16	30A		1					1						10	1								1	†	1		1
Athens	Q16	11/14/2012		9'5"	Q16	31		1					1							1								1	1	1		1
Athens	Q16	11/14/2012		6'11"	Q16	32		1					1							1					i	1			1	\Box		T
Church	Q16	11/14/2012	1		Q16	34		1]							1	1			1		1	,,.,.			1		1	+	\mathbf{T}		
Athens	Q16	11/14/2012	1		Q16	35		1									1		· · -			1	· · · · · · · · · · · · · · · · · · ·			\top		1	†	1	 	
Huckaby	Q16	11/14/2012		9'2"	Q16	36		1					1,							†	1					1			1	1	l	1
Summit	Q16	11/14/2012	1		Q16	37		1					1		T		1					1				†		1	1		İ	+-

							Su	rface	Abo	ve N	lanho	ole	١	Veed	for R	Repair			Re	pair	Requ	irem	ent			T		Т				
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd		No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa Complete	. ∣ ໘	9 9 9	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	gni
Summit	Q16	11/14/2012		6'1"	Q16	38		1					1											T				T				
Summit	Q16	11/14/2012		6'2"	Q16	39		1					1							1			***************************************	T				1				
							1																			1		1				\Box
Totals			115				2	130	0	10	160	37	254	0	6	111	115	0	10	5	6	104	3	1'	Mark 1	0	0.	0	0	0	0	0

Total No. Manholes

386

						-	Su	rface	Abo	ve M	lanho	ole	Ñé	ed fo	or Re	pair	T		R	epaiı	r Requir	emer	nt				Ī		T				Т
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	1	Leak at Manhole Number	Concrete Pavement	Asph Pave	Sidewalk				Z				No Access	Replace Manhole	Ben	Remov	Replace Cover/ outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date R	1	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	cumbicaco
Jill Dr	M15	4/16/13		4'3"	М	15-35					1	ī	1	T		1				1									1				十
Jill Dr	M15	6/17/11		5'9"	М	15-36		1					1			_										Ī	1	<u> </u>	T	<u> </u>			十
Jill Dr	M15	6/17/11		8'4"	М	15-37	1	1					1	-									 						1				十
Jill Dr	M15	6/17/2011	1	8'5"	М	15-38		1					1			-	_	一十						1			 						+
Coats Rd	M15	6/17/2011		5'9"	М	15-39						1	1	-	1	1			1	1				t			1		1			[+
Coats Rd	M15	4/16/2013		4'6"	М	15-40	1				1		1	_	1	+		1						1			1	†	1	T			+
Coats Rd	M15	6/17/2011	1	9'7"	м	15-43	1	1					1		1		1	_						1			1	<u> </u>	1				十
Shady Lane	M15	6/17/2011		5'4"	м	15-44	1	1					1	$\neg \uparrow$	1	$\neg \vdash$	1				<u> </u>	<u> </u>		1			1	 	1		\sqcap		+
Coats Rd	M15	6/17/2011		7'10"	М	15-45	1	1					1		_	\neg	1				İ			1			1		1				+
Coats Rd	M15	6/17/2011	1		м	15-46	1	-									1				·····	1							†	1			+
Coats Rd	M15	7/15/2011	, , , , ,	4'9"	М	15-47	1	1			1					1						1		1	***************************************		1	1	1	<u> </u>			+
Shady Lane	M15	7/15/2011		8'7"	м	15-48	1	1					1				1	\neg						1	· · · · · · · · · · · · · · · · · · ·		1		1	1			7
Shady Lane	M15	7/15/2011		5'6"	М	15-49	1			1			1				\top	寸									1	 	1	1			†
Coats Rd	M15	6/17/2011	· · · · · · · · · · · · · · · · · · ·	6'10"	М	15-49A					1		1									1		1.			†		1				†
Shady Lane	M15	7/15/2011		6'2"	М	15-50		1		1			1		1		1									i	1		+	T			†
Shady Lane	M15	7/15/2011		10'0"	М	15-51		1		 			1				_					İ		1		İ	†	 					1
Shady Lane	M15	7/15/2011		7'3"	М	15-52				1			1			十		Ī						1		Ì	1		1				†
Jill Dr	M15	6/17/2011		7'1"	М	15-53	1	1					1				1		· · · · · · · · · · · · · · · · · · ·		<u> </u>					İ			†	1			†
Alcoa	M15	7/15/2011		9'10"	М	15-54						1	1		7											1	1-		1				+
Alcoa	M15	7/15/2011		10'11"	М	15-55	1				1		1				1							1		1	1-	1	†				十
Coats Rd	M16	8/22/2011		11'2"	М	16-1	T	1								1	7		1				1	1		1			1				†
Coats Rd	M16	8/22/2011		5'11"	М	16-2	1	1	†	1			1				1				<u> </u>					İ	1		-	1			+
Coats Rd	M16	8/22/2011		3'9"	М	16-4	T	1					1	1		-1	\top							1		İ	†	†	1		\Box		+
Sams Way	M16	8/22/2011		9'9"	М	16-7	1				1		1			十	1		: <u></u> :					1		1.	1	İ	1				†
Sams Way	M16	8/22/2011	-4	9'1"	М	16-8	1				1		1	+			1							1		1	†	1	1	1			+
Sams Way	M16	8/22/2011		10'11"	М	16-9	1			1			1			1	1												1				+
Sams Way	M16	8/22/2011	1	6'9"	М	16-10	1	1		1			1				1		· · · · · ·					1		1.			1				+
Waverly Heights	M16	8/22/2011		5'11"	М	16-11	1			1			1	\top		7										T		†	1				+
Waverly Heights	M16	8/22/2011		8'10"	М	16-12	1		1						1	十	1		1			1		1					1				+
Waverly Heights	M16	8/22/2011		5'10"	М	16-13	1	1					1			_	1	1								i –			1				†
Waverly Heights	M16	8/22/2011	1	6'9"	М	16-16	1				1	1	1			7	1	7			1	1		1	04/16	/13			1		1		+
Jill Dr	M16	8/22/2011		7'1"	М	16-17	1	1					1			\top		$\neg \dagger$						1		Í			1				†
Jill Dr	M16	8/22/2011		6'9"	М	16-18	1	1					1			一										 	1		1				†
Benton Parkway	M16	4/16/2013		8'	М	16-19	1				1	-	1	$\neg \uparrow$		1	1									1			1				\dagger
Weatherford	N15	8/16/2011		7'4"	N	15-2	1		1	<u> </u>	1		1		\dashv	\dashv	十	1		 						} 		!	1				+

<u> </u>					T		Su	rface	Abo	ve M	lanho	ole		Need	for F	Rena	ir			Renai	r Requir	omo				 			T	1			
		:					_	Ī	T			-		1000	10, 1	,cpa	1			rehai	requir	eme	1	т	1				1				1
STREET ADDRESS	Grid No.	Date Visually	Unable to	Depth		Leak at Manhole Number	Concrete Pavement	Asph Pave	Sidewalk Pave	Grav	Grass	Wood	None	1si	2nc	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/ outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date F		Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Stoneleigh	N15	8/16/2011	1	7'4"	N	15-3	۴	10	l o	> ا	1	٥		S	۰	Lξ	S	le	8 9	12	<u> </u>	13	3 9	13	Comp	eted	ä	gh De	l g	l g	<u>a</u>	<u>a</u> 3	<u> </u>
Stoneleigh	N15	8/16/2011		6'2"	N	15-4				-	1		1									 		-		<u> </u>			1				↓_
Foxwood Dr	N15	8/16/2011		4'9"	N	15-5	1-				1		1						··	-		 		ļ					1	-			↓_
Foxwood Dr	N15	8/16/2011	,	4'9"	N	15-6					1		1				-			-	<u> </u>	-	<u> </u>	ļ	<u> </u>	-	ļ		↓				<u> </u>
Foxwood Dr	N15	8/16/2011		7'9"	N	15-7					1		-			1				-		-		-			ļ		1_	-			_
Foxwood Dr	N15	8/16/2011		7'3"	N	15-7A				/			-			1						-	1	ļ			ļ		-	ļ			↓_
Foxwood Dr	N15	8/16/2011		7'10"	N	15-7A 15-8	1				_1				-	1			4	-	 		1			1			_				
Mallard Lane	N15	8/16/2011		5'2"	N	15-8	 	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				1	1	-		1		,	1	 		-	1			1	 		ļ	-			
Alcoa Parkway	N15	8/16/2011		4'9"	N	15-10	-					1	1								ļ	-			·		ļ		 	ļ			₩
Mallard Lane	N15	8/16/2011	1	43	N	15-10	_					-1	1				1			-	ļ						 			ļ			$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
Timbermist Dr	N15	8/16/2011	-	9'0"	N	15-12	-				1					1	1			 		1			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		 	-					<u> </u>
Timbermist Dr	N15	8/16/2011		3'5"	N	15-12					1					1				├—	 _		1			1	 		1				<u> </u>
Derby	N15	4/16/2013	under	drive	N	15-13A	1				-					1				}				1			ļ		<u> </u>				igspace
Timbermist Dr	N15	8/16/2011	anacı	6'11"	N	15-13A 15-14	-				1					1				ļ			·	_									
Timbermist Dr	N15	8/16/2011		6'0"	N	15-15	1				1				1	1			4	ļ		<u> </u>			×				₩	-			ــــ
Timbermist Cr	N15	8/16/2011		5'10"	N	15-16	1								1				1				1	1		1			↓	ļ			₩
Timbermist Cr	N15	8/16/2011		7'3"	N	15-17	_				1		1		1				1	-			1	1		1			↓				ــــــ
Timbermist Cr	N15	8/16/2011		3'4"	N	15-18	 		-		1		1	\vdash												1			ļ				<u>↓</u>
Derby Cr	N15	8/16/2011	, , , , ,	5'8"	N	15-19					-	1	-			î			***************************************				4			1			—			;"	ـــ
Derby Cr	N15	8/16/2011		5'2"	N	15-20		1	-			-1				1			1				1						—				<u> </u>
Hicks	N15	8/16/2011		5'6"	N	15-21	1	-						-		1							1	1		1		· · · · · · · · · · · · · · · · · · ·	 				
Hicks	N15	8/16/2011		5'8"	N	15-22	<u> </u>	1							H	1	-						1	-		ľ	_		-				
Spring Creek Cove	N15	8/16/2011		7'9"	T N	15-24		1	-				1											1		-							igspace
Spring Creek Cove	N15	8/16/2011			N			1					-			1							1		ļ	-			 				₩
Spring Creek Cove	N15	8/16/2011		4'3"	N	15-25		-			1		1			#							1						-		-		⊢
Spring Creek Cove	N15	8/16/2011		3'2"	N	15-26					1		1	-												<u> </u>	-		-				<u> </u>
Spring Creek Cove	N15	8/16/2011		11'0"	N	15-26A					1		1	-												! !			₩				
Derby Cr	N15	4/16/2013		4'9"	N	15-27					1		1																	\vdash			
Red Bud Cove	N15	8/16/2011		7'0"	N	15-28		1			-		1		-				-					\vdash					-	 			<u> </u>
Derby Cr	N15	8/16/2011		5'8"	N	15-29		-	7		1		-	\vdash		1								1		l 	\vdash	·- 	├		\dashv		_
Alcoa Parkway	N15	8/16/2011		11'2"	N	15-30					1	-+			$\vdash \dashv$	1			· · ·	-	1	\vdash		┝╧╢			$\vdash \vdash$					-	
Shady Lane	N15	8/17/2011		6'3"	N	15-31					1					1				1		$\vdash \vdash$	1	$\vdash \dashv$	ļ		\vdash		-				<u> </u>
Alcoa Parkway	N15	8/17/2011		11'2"	N	15-35		1			-		1							-						<u> </u>	 		-				<u> </u>
Alcoa Parkway	N15	8/17/2011		11'10"	N	15-36		_			1		1						-						<u> </u>		$\vdash \dashv$		-	$\vdash \dashv$			<u> </u>
Alcoa Parkway	N15	8/17/2011		11'6"	N	15-37		1			-	┈╂	1	┝╼┥	┝─┤					-						<u> </u>			-				-

							Su	ırface	e Abo	ove N	⁄ lanh	ole	Ī	Need	for R	Repai	r		R	Repai	r Requir	eme	nt			T	<u> </u>	1	1	_		
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	1	Leak at Manhole Number	Concrete Pavement	Asph Pave	Sidewalk Pave	Grav	Grass	Wood	None		2nd		No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/ outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	털
Alcoa Parkway	N15	8/16/2001		14'1"	N	15-38				1	1	1				1		1	1	T		广		1 00		╁	T 10 10 3	+ -	1	۳		十半
Alcoa Parkway	N15	8/16/2011		12'0"	N	15-39					1					1			1		<u> </u>	1	:	1		+	 	+	+	╂╌┤	 	+
Alcoa Parkway	N15	8/16/2011		14'3"	N	15-40					1		1				-			t	<u> </u>		<u> </u>			+			 	\vdash		+-
Benton Parkway	014	8/23/2011		9'1"	0	14-19				1	1		1													+-		+	 	H	 	+-
Kelso Cr	014	8/22/2011		18'1"	0	14-20		1	<u> </u>						1				1	1						+			 	┝┈┤	 	+
Benton Parkway	014	8/23/2011		11'7"	0	14-18				1	1		1							1						+		1	 	\vdash		+
Kelso Cr	014	4/17/2013		10'6"	0	14-21		1			1	1	1													+	 	+-	+		 	+
Kelso Cr	014	8/22/2011		5'8"	0	14-22		1			1	1									†					+		1	+	$\vdash \vdash \vdash$	 	+
Benton Parkway	014	8/23/2011		12'0"	0	14-24					1	†	1								<u> </u>	 	<u> </u>			+	 	+-	 			+
Benton Parkway	014	8/23/2011		7'3"	0	14-26A						1	1													+		+	 	\vdash	<u> </u>	+
Benton Parkway	014	8/23/2011		13'7"	0	14-26(BR)		1		1	1		1									 				1		1	 			+-
Benton Parkway	014	4/16/2013		10'3"	0	14-27	1			1	1	1	1													1		+	+	H	 	+
Kelso Cr	014	8/22/2011		11'9'	0	14-28	1	1								1						1	1			+		+-	 			+
Kelso Cr	014	4/17/2013		12'	0	14-29		1			1	1	1													1		+	1	 		+
Kelso Cr	014	8/22/2011		12'8"	0	14-30						1	1									·····	ļ			1		+	1-	-	$\vdash \vdash$	+
Kelso Cr	014	8/22/2011		8'5"	0	14-31						1		-		1							1					 	+		 	+
Gattin Rd	014	8/23/2011		8'8"	0	14-33	1	1					1													1		1-	1		——	+
Benton Parkway	014	8/23/2011		9'2"	0	14-40						1				1							1			-		 	┼	\vdash		+
Benton Parkway	014	8/22/2011		12'2"	0	14-41		1		1						1							1			1		1-	1			+
Benton Parkway	014	8/23/2011		11'11"	0	14-42						1				1			, · · · · · · · · · · · · · · · · · · ·				1		!	1			1 -			+
Benton Parkway	014	8/23/2011		12'0"	0	14-43						1				1							1		,	1		 	1	\square		+
Gattin Rd	014	4/16/2013		8'4"	0	14-44		1					1													1		\vdash	 	\vdash	l	+
Gattin Rd	014	8/23/2011	_	5'7'	0	14-45		1								1			1			<u> </u>				1			 			+
Gattin Rd	014	8/22/2011		5'8"	0	14-46						1	1													1		1	1		i	+
Kelso (Row)	P13	8/23/2011			Р	13-3						1		1					1	1			1	1		1			1			+
Sidell	P13	8/23/2011		11'7"	Р	13-39					Π	1				1			1									1	1			+
Sidell	P13	4/17/2013		12'1"	Р	13-44					1		1								*						1	I^{-}				+
Sidell	P13	8/23/2011		17'11"	Р	13-74						1	1							<u> </u>						+		ļ	1	 		+
Sidell	P13	8/23/2011		15'11	Р	13-75						1				1			1							1		1				1
Sidell	P13	8/23/2011		15'1"	Р	13-72					1		1													1						+
Sidell	P13	8/23/2011		16'9"	Р	13-73					1		1													1		†				1
Sidell	P14	8/23/2011		12'2"	Р	14-1						1	1			3.00										1						+
Kelso Cr (Row)	P14	8/23/2011		9'8"	Р	14-2						1				1			1						Ì				1			+
Benton Parkway	P14	4/17/2013		7'8"	Р	14-6						1	1	1												1				- 		+
Edison Ave	P14	8/23/2011		12'10"	Р	14-7					1		1													1				_ 		+

:							Su	ırfac	e Abo	ove N	/lanh	ole		Need 1	for R	epair			R	Repai	r Requi	reme	nt					-	T	T			
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth		Leak at Manhole Number	Concrete Pavement	Asph Pave	Sidewalk Pave	Grav	Grass	Wood	None	1 st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/ outside	Raise Rim	Seal Rim of	Cementious Lining	Date Re Comple	·	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raisec	Extension or Rim Sealec	ning Comple
Edison Ave	P14	8/23/2011		13'3"	Р	14-8					1		1																	T			T
										<u> </u>																		***************************************		1			1
Totals			2		0		5	29	0	6	43	20	69	1	4	30	2	0	15	4	1	5	18	7			0	0	0	0	1	0	0

Total No. Manholes

106

BENTON OTILITIES 35 MAI	T -	I I		BASIN	1		<u> </u>		A 1																		,						
							Su	rface	Abo	ve N	<u>lanh</u>	ole T		Need	for F	lepa	ir		R	Repai	r Requi	reme	nt										
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	1	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	힏
Glenda Ln/Sandra	H14	7/15/11		6'-2"	1	H14-1		1						Π		1							1				Î		Ì				
Glenda Ln	H14	7/15/11		8'-11"	1	H14-3		1								1					1		1	1		Ì	1		-				
Glenda Ln	H14	7/15/11		6'-4"	1	H14-4		1								1							1	1		,	1						
Glenda Ln	H14	7/15/2011		9'-9"	1	H14-5		1								1							1	1			1						+
Glenda Cove	H14	7/27/2011	1			H14-6											1					1		1				· · · · · · · · · · · · · · · · · · ·		†			-
Glenda Ln	H14	7/15/2011		6'-11"	1	H14-7		1								1						1	1			1							1 - 1
Angela	H14	7/6/2011		8'-8"	1	H14-8					1					1						T	1				1						1-1
Glenda Ln	H14	7/15/2011		5'-3"	1	H14-9	. , ,				1					1							1				 	<u> </u>		 -			
4227 Ginger Dr	H14	7/27/2011		4'-8"	1	H14-10					1					1							1					· · · · · · · · · · · · · · · · · · ·		1			+
4219 Ginger Dr	H14	7/27/2011		20'-2"	1	H14-10A		1								1							1			i	1						+
Ginger Dr	H14	7/27/2011		5'-0"	1	H14-11		1								1						Ť –	1	1		1	 						+
Ginger Dr	H14	7/27/2011		5'-4"		H14-11A							1									1	 				<u>† </u>		 				
Glenda Ln	H14	7/15/2011		8'-2"	1	H14-12					1					1		-				1	1			 	†						-
Michael Ave	H14	7/6/2011		9'-7"	1	H14-13		1								1		·				1	1				<u> </u>					· · · · ·	
Michael Ave	H14	7/6/2011		10'-8"	1	H14-14		1								1				1		1-	1			 							
Michael Ave	H14	7/16/2011	_	9'-2"	1	H14-15		2.27			1				1									1		1	1	-					-
Empty Lot Michael/Ginger	H14	7/27/2011	1			H14-16											1					1				<u> </u>							
Sandra	H14	7/15/2011		9'-0"	1	H14-17		1								1							1		,,,,,,,					1			
Congo Road	H14	7/27/2011		6'-3"	1	H14-18									1							1	1	1			 					-	
1403 Congo Road	H14	7/27/2011		6'-2"		H14-19				1						1		1				1	1				†						+
Sandra	H14	7/15/2011		8'-4"	1	H14-20		1								1		-				†	1						-				+-
Ginger Cove	H14	7/15/2011		4'-11'	1	H14-21		1								1						1	1				†		ļ				+
Ginger Dr	H14	7/27/2011	1			H14-22		1									1	******				1	-				1						+
Ginger	H14	7/15/2011		6'-0"	1	H14-23		1						1		1						1	1				1						+
Sandra	H14	7/15/2011		5-'5"	1	H14-24		1								1						1	1			1	1						+-
Cul De Sac Sandra	H14	7/15/2011		5'-0"	1	H14-25		1								1					<u> </u>	1	1				 						+
Glenda Lane	H14	7/15/2011		10'-6"	1	H14-26		1		-					1	100-0								1		<u> </u>							+-
Ginger	H14	7/15/2011		11'-7"	1	H14-27		1			,					1		<u> </u>				1	1	1									+
ROW off Ginger	H14	7/27/2011		6'-11.5"		H14-28						1	1				T					1	 -	1						\vdash			+
Row betw Ginger & Mink	H14	7/27/2011	1	 ,	П	H14-29					*******						1					1										······································	+-1
ROW N of Longhills	H14	7/27/2011		8'-3"		H14-30					1		1									1	 -				-						+-
ROW N of Longhills	H14	7/27/2011		8'-1"		H14-31					1		1									1	-								\dashv		+
Glenda Lane	H14	7/15/2011		5'-8"	1	H14-32		-			1				1	1		<u> </u>		<u> </u>	†	1	1		<u> </u>				\vdash	\vdash			+
Ginger	H14	7/15/2011		15'-5"	1	H14-33		1								1			-		<u> </u>	1	1		_								+
Stockon	114	8/16/2011		5'-2"		114-1					1		1		▎┤					-		 	-	1						\vdash	-		┿┪

	1	KEPAIK KE		1				_					-				-																
	,							irtace	e Abo	ve N	lanho	ole	<u> </u>	Veed	for R	Repai	r	,	F	Repai	r Requir	eme	nt										
STREET ADDRESS	No.	Date Visually Inspected	Unable to Access	Depth	1 '	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair opleted	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Stockon	114	8/16/2011		5'-3"		114-1A					1		1																干	╁═╾			┿
Stockon	114	8/16/2011		10'-9"	1	114-2					1					1						1		1					 	+	 	ļ	+
Stockon	114	8/16/2011		6'-3"		I14-2A					1		1								1								+	+-	-		+
Stockon	114	8/16/2011	1			114-28											1			1		1					 		+	+			+
Troy	114	8/16/2011	1			114-3											1		····			1	<u> </u>		3		╁──┤	-	+	+			╂╾┤
Stockon	114	8/16/2011		3'-9"	1	114-3A					1				1								· · · · · · · · · · · · · · · · · · ·	1		·	-		+-	 			 -
Troy Cir.	114	8/16/2011		6'-2"	1	114-4		1							1					<u> </u>		1		1			$\vdash \vdash$		+-	+			
Troy Cir.	114	8/16/2011	1			114-5		1									1		W	 		1					┢═		+-	+			+
Troy	114	8/16/2011		5'-1"		114-6					1		1						 	 		1				*******	 		+	 	ļ		
Troy/Diana	114	8/16/2011		5'-5"	1	114-7		1							1				1	1			1		··	~	 		+-	+			
Troy	114	8/16/2011		8'-11"	1	114-8		1								1					ļ		1				 		+-	╂—′			+
Pelton Rd	114	8/17/2011		5'-7"		114-9					1		1									-					 		₩	╂─┤			
Pelton Rd	114	8/17/2011		5'-9"	1	114-10					1					1						 	1				$\vdash \vdash \vdash$		+	┼			
Pelton Rd	i14	8/17/2011	1			114-11						1				$\overline{}$	1					1					├─┤	<u> </u>	+				
Pinccroft Dr	114	8/16/2011		6'4"		114-13		1					1														┟──┤		\vdash	1			4
Pinccroft Dr	114	8/16/2011	1			114-14		1							-		1		***************************************			1					 -		┼—	╁—┤			4
Pinccroft Dr	114	8/16/2011		5'-1"		114-15		1					1									-				····	 		┼	 			4
Pelton Rd	114	8/16/2011		5'-10"	1	114-16		1						-	\dashv	1							1			·			┼—	╂			
Turkey Track	114	8/15/2011	22310	8'-8"	1	114-18					1					1					-		1			÷		- · · · · · · · · · · · · · · · · · · ·	┼	igwdown			4
Fox Trail	114	8/15/2011		7'-10"		114-19	-				1		-	- 1	1	-			1				- +				\vdash		 				↓
Leawood	114	8/16/2011		8'6"		114-20		1					1	-													 			1			+
Leawood	114	8/16/2011		11'0"		114-21		1								1			* <u></u>			-					 		<u> </u>	 			\bot
Corner of Pelton/Leawood	114	8/16/2011		7'5"		114-23		1	1				1			\dashv													 	├ ─┤			-
Corner of Pelton/Leawood	114	8/16/2011	1			114-24				\dashv		1	\dashv				1				1						 		ļ	\vdash			4-4
Fox Trail	114	8/15/2011		6'6"		114-25					1	_	1																-	├ ─┤			┿┩
W. Longhills	114	8/17/2011		5'0"		114-27			+		1		$\frac{1}{1}$		\dashv		\dashv			\vdash									 	igwdapprox			4_1
Congo Road	114	8/17/2011		5'0"		114-27A					1	1	-+	-+	1	\dashv			1	1									['	\vdash			4
W. Longhills	14	8/17/2011		9'6"		114-29	-	1	- 1	-	ᅴ	-	1	-+	-					+									 '				+
W. Longhills	114	8/17/2011		11'0"		114-30		1			- 1		1	-+			-	\dashv		\vdash									₩	$\vdash \vdash$			+
W. Longhills	114	8/17/2011	•	7'5"		114-31	Н	1		1	-			-+	-	1	-				 		1	\dashv				· · · · · · · · · · · · · · · · · · ·	 	$\vdash \vdash$			+
Ginger	114	8/17/2011		7'0"	-	I14-31A	\neg	1		寸			1	-+	-	-		_ +		-			1										1
W. Longhills	114	8/17/2011		7'10"		114-32		1		\neg	_		11	\dashv	\dashv	-													 				4
W. Longhills	114	8/17/2011		6'6"		114-33		1		\dashv			1	\dashv	\dashv	_			•	\vdash										\vdash			4
W. Longhills	114	8/17/2011	1			114-34		1	\dashv	\dashv	\dashv		\dashv	\dashv			1	\dashv				1							 	\longmapsto			4
W. Longhills	114	8/17/2011		8'6"		114-35		1	\dashv		\dashv	\dashv				1						-	1	-1					igsqcut	\vdash		· · · · · · · · · · · · · · · · · · ·	11

BENTON UTILITIES SS MAN	TIOLL	ILI AIN NE		BASIN	10	1 6	£c	A 1	. 14				- d C			т-									γ		,			
							тасе Т	Abov	e Ma	nnole	-	Ne	ed for	r Kep	air	╀	- R	(epai	r Requir	emer	nt								1	1
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	2nd	LOW	No Access	Replace Manhole	₹ 20	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
W. Longhills	114	8/17/2011		6'8"	I14-35A	1	$\overline{\Gamma}$	ΠŢ		1	T	T	T	1		T		1		Ī	1				<u> </u>					忙
Deer Drive	114	8/15/2011		8'11"	114-37	1				\top	_	1	1	1		T		 						 	<u> </u>	\vdash				1
North Fox Trail	114	8/16/2011		8'10"	114-38					1	1	1	1		1	T		\vdash		†						 	1			1
North Fox Trail	114	8/16/2011	1		114-39				T	1	1	\top		1	1	1		1		†		1	1		1					1
Fox Trail	114	8/16/2011		5'3"	I14-40A		1			1	1	1	1	1	1	1	1			 				 						+
Fox Trail	114	8/16/2011		17'9"	114-40A					1	1	1	1	1	1	T		t		1						 	 			1
1901 N Fox Trail	14	8/16/2011	1		114-41	1			-	1	+	十		1	1	1	1	†		t				T	:			$\vdash \vdash$		+
Dark Forest Drive	114	8/15/2011		5'4"	114-43	1	1		7	\neg		1		+	1	1	1	1	<u> </u>					 		 	1			+
Longhills	114	8/15/2011		4'3"	I14-43A				1	_	1	1	_	_	1	T	1		ļ					┢		 				十
Dark Forest Place	14	8/15/2011		8'4"	114-44		1					_		1		T	1	† · · · ·			1			 		 	1	\vdash		1
Dark Forest Place	14	8/15/2011		3'.5"	114-45		1		1		1		1	1	_	1	1	 	<u> </u>		1	1		\vdash			-		·····	十一
Longhills	114	8/15/2011		3'4"	I14-45A				1	1	\top	1	1	十	1	1			<u> </u>					\vdash						+
Dark Forest Place	114	8/15/2011		10'2"	114-46					1	1		1	1				 		 	1	1		\vdash						+
Deer Drive	114	8/15/2011		14'8"	114-47		1				1	1		十	1	1		†			-: ··· · · · · · · · · · · · · · · · · ·					╁┈╌				+
Dark Forest Place	14	8/15/2011		9'1"	114-48				1	1	1		1	1		1	1	 			1			 		 	1			
Deer Drive	114	8/15/2011		5'7"	114-49		1		7	1		1		1	1	1		 						 		 	 			
Deer Drive	14	8/15/2011	1		114-50		1			1				1	1	T		 						 			 	1		+
Deer Drive/Fox Trail	114	8/15/2011		8'11"	114-51					1	T	1	1	十	1	1		1						 		 	 			†
Fox Trail	114	8/15/2011		8'2"	114-52				\neg	1	1	1	1	1	1	1		1						 						+
Bear Cove	114	8/15/2011		8'8"	114-53					1				1		1	1	1								 	1			+
Bear Cove	114	8/15/2011		6'6"	114-54	1					1			1		1						1								1
Fox Trail	114	8/15/2011		11'0"	114-55	1				1		1						 								—				1-
Beaver Cr.	114	8/16/2011		10'7"	114-56				丁	1	T	1		1		1	1								<u> </u>					t^-
Deer	114	8/15/2011		10'11"	114-57					1	1	1	\top			T									<u> </u>					t
Deer	114	8/15/2011		11'6"	I14-57A				_	1		1				1	1													†
Deer	114	8/15/2011		11'9"	I14-57B					1		1						1						 						<u> </u>
130 West Service Road	114	8/15/2011		2'2"	114-58				\neg	1				1		1		1		1										
I30 West Service Road	114	8/15/2011	1		i14-59										1			1												
130 West Service Road	114	8/15/2011		3'0"	114-60					1		1	\top	1							 							1		
Access Road (East) Exit 121	114	8/17/2011	1		114-61										1					1				-						1
Access Road (East) Exit 121	114	8/17/2011	1			-				1					1	1		Π		1									4 40	
Fox Trail	114	8/15/2011		6'0"	114-63					1	T	1																		1
Military Road	115	7/27/2011		5'9"	115-1		1				T			1			ŀ				1									
Military Road	115	7/27/2011		5'10"	115-2		1			7		1	1				1		·											┰
Military Road	115	7/27/2011		6'8.5"	115-3				\neg	1		1		1				Π					**: T							

BENTON UTILITIES SS MAN	IHOLE	REPAIR RE	CORD	BASIN 1	<u> </u>																										
						Sui	rface	Above	Man	hole	1	Need	for R	epair			R	epair	r Require	emer	it										
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Military Road	115	7/27/2011		16'7"	115-4				1	T	1														T		T	T			
Military Road	115	7/27/2011		10"	115-5				1	1	1			1			- 1127 2177 22 1								 		†	T			
Military Road	115	7/27/2011		20'0"	115-6					$\frac{1}{1}$	1				_										 	 	+	T			1
Military Road	115	7/27/2011		15'0"	115-7			十	+	$\frac{1}{1}$	1				_	_											1	 			\top
Everett Form	115	7/27/2011		12'1"	115-9				1	-	1					_									1		1	T			\top
I-30 East Service Road	115	7/27/2011		5'8"	115-10		1		1	1	1																1		1		11
I-30 East Service Road	115	7/27/2011		6'2.5"	115-11			十	1		1														1			\Box			11
I-30 East Service Road	115	7/27/2011		8'7"	115-12				1		1									-,				İ	1						
I-30 East Service Road	115	7/27/2011		7'7"	115-13				1		1																1				
I-30 East Service Road	115	7/27/2011		8'4"	115-14				1		1				- 1																
I-30 East Service Road	115	7/27/2011		8'3"	115-15		1			1	1													1		1		1			
I-30 East Service Road	115	7/27/2011		7'6"	115-16				1					1					1									\Box			
I-30 West Service Road	l15	7/27/2011		8'10"	115-17				1	1	1				ī												T	1			
1-30 East Service Road	115	7/27/2011		7'4"	115-18				1					1							1										
I-30 East Service Road	115	7/27/2011	1	2.7	115-19						!				1					1											
I-30 East Service Road	115	7/27/2011		9'6"	115-20		1				1																				
Boone Road	115	7/27/2011		4'8"	l15-21		1				1																				
Boone Road	115	7/27/2011		5'10"	115-22		1				1			-																	
Forge Dr.	115	7/29/2011		7'0"	I15-23A			1						1							1										
Dark Forest	115	7/29/2011		3'10"	I15-23B				1		1																				
Dark Forest	115	7/29/2011		4'8"	115-24				1		1																				
Deerfield/Fawn	J14	6/16/2011		10'3"	J14-1		1				1																				
Fawn Drive	J14	6/16/2011		5'7"	J14-1A				1		1													,	<u> </u>			$oldsymbol{ol}}}}}}}}}}}}}}}}}$		<u> </u>	
Deerfield Drive	J14	8/17/2011	1		J14-2										1																
Deerfield	J14	6/3/2011		6'6.5"	J14-3		1				1																			<u></u>	
Deerfield Drive	J14	8/17/2011	1		J14-4						11				1														<u> </u>		
Deerfield Drive	J14	6/3/2011		5'10"	J14-5		1				1																			<u></u>	
3213 Drake Drive	J14	6/3/2011		7'11.5"	J14-6		1				.1						7-01 1000000											1		<u> </u>	\bot
Deerfield Drive	J14	8/16/2011	1		J14-7 (BR)										1									<u> </u>	ļ			4		<u> </u>	
Arch/Deerfield	J14	6/3/2011		10'1"	J14-8		1				li			1					L						<u> </u>			1		<u> </u>	
Service Road/North of Brown Law Firm	J14	6/3/2011		11'0"	J14-12						1				,																
Service Road/NE of Brown Law	314	0/3/2011	-	110	314-12	 		-+	+	+	+	 						-	1			T	 		+-		1	+-	 	 	+-1
Firm	J14	6/3/2011		6'3"	J14-13				1		[1				1										1		_	1_		<u></u>	
Arch/Dead End Side	J14	6/3/2011		4'8"	J14-14		1				1			ليبا		<u> </u>		<u> </u>			<u> </u>				<u> </u>	1	1			<u></u>	

BENTON UTILITIES SS MAN	HOLE	KEPAIR RE	CORD	BASIN	10																										
						Su	rface	Abov	e Ma	nhole	e	Ne	eed fo	r Re	pair			R	epair	r Requir	emer	nt		1							
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2 nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining	e Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Arch/Dead End Side	J14	6/3/2011		6'10"	J14-15		1				T	1		Т		T	T								T			1			T
Arch/Back of Brown's Kitchen	J14	6/3/2011		8'9"	J14-16	7	1		T	\neg	T	1		1		T									1		1	+			1
3011 Congo/Back of Fountain											1					1									†		1	t			+
Lakes	J14	6/16/2011		23'3"	J14-16A						1	1			- 1	- 1								Chair and a second							
3011 Congo/Fountain Lakes	J14	6/16/2011		7'3"	J14-16B				T	1		1			\top	十							1		1			1			1
3011 Congo/Fountain Lakes	J14	6/16/2011		8'4"	J14-16C				T	1		1		1		1							t		+		 	\top			+
Deerfield	J14	6/3/2011		5'3.5"	J14-17		1			1	1			十	1	十	一十	1			1		†		1		1				1
West I30 Service Road	J14	5/16/2011	1		J14-18						T		T			1									1	4	1	1			1
Service Road/RV City	J14	6/3/2011		9'2.5"	J14-19		1				1	1	1	十		1		···					1		1		1	T			1
Service Road/RV City Back Lot	J14	6/3/2011		8'5.5"	J14-20					1		1																			
Service Road/Front of I-30 Sales	J14	6/3/2011		6'1"	J14-21	1					1	1			1							1									
Service Road/Front of I-30 Courts		6/3/2011		4'6"	J14-21A				1						1								1								
Military Behind I-30 Courts	J14	6/3/2011		5'2"	J14-21B				1		L				1	\bot							1								
Military	J14	6/3/2011		7'6"	J14-26		1			\perp		1				┸															
Military	J14	6/3/2011		8'7"	J14-27	1					丄	1																			
Denise	J14	5/26/2011		3'4.5"	J14-35A					1	\perp			1				1					1	Ì							
Denise	J14	5/26/2011		4'2"	J14-35				1		\perp			1				1					1								T
Denise	J14	5/26/2011		4'0"	J14-36					1		\perp		1				1					1								
Pamela	J14	5/26/2011		4'2"	J14-37					1					1			1					1								1
Pamela	J14	5/26/2011		4'.5"	J14-38					1				1				1					1								
Pamela	J14	5/26/2011		5'4"	J14-42					1				1				1					1								1
Pamela	J14	5/26/2011		5'2.5"	J14-43					1				1				1					1								I^{-}
Pamela	J14	5/26/2011		3'4"	J14-45					1				1				1					1							7.77	T
Pamela	J14	5/26/2011		5'6"	J14-46					1				1	Ι.			1					1								T
Pamela	J14	5/26/2011		5'7.5"	J14-47					1		$\perp \Gamma$		1				1					1					T			1
Janet	J14	5/26/2011		7'2"	J14-48						1			1				_1					1								1
Janet	J14	5/26/2011		7'2.5"	J14-49A					1		1		1				1		1			1								1
Janet	J14	5/26/2011		6'4"	J14-49B					1				1	i i i			1					1							:	T
Thomas	J14	6/3/2011		6'1"	J14-54	,	1					1																Ι			1
Thomas	J14	6/3/2011		7'6"	J14-55		1			\Box					1							1									1
Thomas	J14	6/3/2011		5'11"	J14-56		1					1			-																
Thomas/North side of I-30	J14	6/16/2011		8'8"	J14-59		1		I			1				A. A. C. C.															

BENTON UTILITIES SS MAN	IHOLE	NEPAIR RE		BASIN 3														,										γ		,		
						Su	rface	Abo	ve M	lanho	ole	N	leed	for R	epai	r		R	epai	r Requir	emer	it										
STREET ADDRESS	Grid No.	Date Visually Inspected	1 . 1	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Thomas Drive	J14	6/16/2011		6'4"	J14-60	Г	1			<u>.</u>		- 1		# 1	1	<i>S</i>	IV.	1	<u> </u>	1000	-	<u> </u>	100		Picted	屵	 " " 	+=	1	+=		
Thomas Drive	J14	6/16/2011		6'11"	J14-60A					1					1		-	1	1				-		1	 	+	+-	+	1-		
Thomas	J14	8/16/2011	1	<u> </u>	J14-61										-	1		*							<u> </u>	+	+	┼	╁	 	ļ	
West I30 Service Road	J14	8/16/2011	1		J14-62				-			·				1						-			1	+-	1	+	+-	<u> </u>		
Winchester	J14	6/3/2011		5'11.5"	J14-62A					1					1	•						1	-			+-		+-	1			+
W. Service Road in front of old		5,5,252													-											+	1	+	+-	┼──		+
BP	J14	6/16/2011		4'11"	J14-64			1		1		1]							
Janet	J15	6/29/2011		5'7"	J15-2					1					1			1					1			+	1	+	+	-		
Janet	J15	8/17/2011	1		J15-3											1		-					_			1	 	1	+			
Janet	J15	6/29/2011		5'6.5"	J15-4					1					1			1					1	······	<u> </u>	+	1	†	 	 		-
Janet	J15	6/29/2011		5'7"	J15-5				1				ı		1			1								1		╅	†	1		1
Primrose/Janet	J15	7/1/2011		3'4"	J15-6	1		$\neg \dagger$		1		1														1		†	+	 		
Primrose	J15	7/1/2011		4'2"	J15-7					1		1										, 					†	1	†	†		
Primrose	J15	7/1/2011		3'9"	J15-8						1				1			1								1		1	1	†		1
Karen	J15	6/17/2011		4'11.5"	J15-11	1				1				1				1					1			1		1		1		
Karen	J15	8/17/2011	1		J15-11A											1						A				1		1	1	1		
Karen	J15	6/17/2011		5'0"	J15-12					1				1				1					1			1		1	 	1		
Karen	J15	8/17/2011	1		J15-12A											1														†		1
Denise	J15	6/17/2011		5'0"	J15-13	1				1				1				1	1			-	1		1			1				
Denise	J15	6/17/2011		7'6.5"	J15-14					1					1							1										
	J15	8/16/2011	1		J15-4A											1										1						
Denise	J15	6/17/2011		7'3"	J15-15					1		1			1			1								1						
Denise	J15	6/17/2011		3'3.5"	J15-16					1				1				1	1				1			1						
Tara	J15	8/17/2011	1	<u> </u>	J15-16A						1					1										T			<u> </u>			
Tara	J15	6/29/2011		5'3"	J15-16B					1		1		1				1					1									
Tara	J15	6/29/2011		6'8"	J15-16C	1				1		1		1				1					1									
Tara	J15	6/29/2011		3'8"	J15-17				4	1				1				1					1		-							
Tara	J15	6/29/2011		3'2.5"	J15-17A					1				1									1									
Primrose	J15	8/17/2011	1		J15-17B											1																
Denise	J15	6/29/2011		5'9"	J15-18					1					1			1				1										
Tara	J15	8/17/2011	1		J15-19) m					1																
Denise	J15	7/1/2011		5'5.5"	J15-21		1							1				1					1		f							
Denise	J15	7/1/2011		5'2"	J15-24					1				1				1					1			1						
Denise	J15	7/1/2011		3'11.5"	J15-24A					1		1																				
Winchester	J15	8/17/2011	1		J15-26											1																

BENTON UTILITIES SS MAN	T	VELVIII IVE		BASIN		c.	rface	Ahava	Mar	bol-	_	Nes	1 £ 1	2055	: 1										Τ-	T	_			-	
1							1	Above	iviar	nole	+-	Need	for F	кера	ır I		R	epai	r Require	emer	nt			 							
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grass	Wood	None	1st	2nd	Low	1 _ 1	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Browning	J15	7/6/2011		4'11"	J15-26A				1					1							1						1				T
Military	J15	7/6/2011		13'6"	J15-27				1					1							1				+		1				1
Military	J15	7/6/2011		6'4"	J15-27A		1				1		1												+-	- 					1
Denise	J15	6/29/2011		5'9"	J15-28	1 11000000			1					1								1			+			1			1
Denise	J15	6/29/2011		5'7"	J15-29				1		1	1		1	1 -		1	1							+			 			
Denise	J15	7/1/2011		6'2"	J15-30				1				1			l	1				·	1			+			1			1
Denise	J15	7/1/2011	1	4'0"	J15-31			,	1		1	1	1	1		l					1				\top		1	+	\vdash		1
Denise	J15	8/17/2011	1		J15-31A										1						-				1			1			1
Breckenridge	J15	7/1/2011	1	4'9"	J15-31B				1			1	1				1			\Box		1			+		+	1	\vdash		T
Denise	J15	7/1/2011		4'1"	J15-32				1				1				1					1			+			1-		.,	
Primrose	J15	6/29/2011		2'9.5"	J15-33				1				1				1	1				1			+	 		1			1
Primrose	J15	6/29/2011		2'9"	J15-34				1					1			1					1		1	1	1	1	1			1
Primrose	J15	6/29/2011		4'8"	J15-35				1		<u> </u>	7	1				1					1			1			1	H		
Primrose Circle	J15	8/17/2011	1		J15-36					1					1											<u> </u>		1			
Denise	J15	7/1/2011		4'3"	J15-38				1	.]			1				1					1					+	1		W.W	
Oakwood	J15	7/5/2011		4'6.5"	J15-37				1	.			1				1					1		·	1			 			
Oakbrook	J15	7/5/2011		4'10.5"	J15-39A				1		1		1	1			1								1						1
Breckenridge	J15	7/1/2011		4'5"	J15-40				1		1.	1		1			1					1			1		1				1
Janet/Primrose	J15	7/1/2011		3'7"	J15-41				1					1										1	1		1	+			
Primrose	J15	6/29/2011		3'8"	J15-42				1					1			1				1				1		1	1			1
Janet	J15	6/29/2011		4'2"	J15-45				1		1														1		1	1-			1
Janet	J15	6/29/2011		5'0"	J15-48				1					1			1						,	;	1			1			
Oakbrook	J15	7/1/2011		6'1"	J15-51				1		1												İ				1	1	\Box	-,	
Oakbrook	J15	7/1/2011		5'10.5"	J15-52				1		:1										-										
Oakbrook	J15	7/1/2011		7'5"	J15-53				1		1	1	1		,,,,																
Oakbrook	J15	7/1/2011		7'5.5"	J15-54				1		1			1			1				1						1				
Oakbrook	J15	7/1/2011		3'3"	J15-55				1		1		1			l							j/				1	1			†
Peachtree Lane	J15	7/5/2011		6'6"	J15-57				1					1							1		i i				1	1			
Stonewall Drive	J15	7/5/2011		7'1.5"	_ J15-58			1_	1		1					•							ÿ	<u></u>	1		1			 	
Stonewall Drive	J15	7/6/2011		3'11.5"	J15-58A				1		1												,	-	1		1				
Stonewall Drive	J15	7/6/2011		6'7.5"	J15-58B				1		1		1										V		1	1	1	1			
Stonewall Drive	J15	7/5/2011		10'2"	J15-58C				1		1		1												1		1				
Peachtree Lane	J15	7/5/2011		6'6"	J15-59		1				1		1	1			1				1		T T		1	1		1			\Box
Hemlock Cove-West Side	J15	7/6/2011		10'8"	J15-60				1		1		1												1		1-				
Hemlock Cove-West Side	J15	7/6/2011		8'6"	J15-61				1		1					·							1		1	1	1				\Box

						S	urfac	e Abov	/e M	anho	ole	N	eed f	or R	epair			R	epaiı	Requir	emer	nt						T	\Box	$\overline{}$		Т
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pav				No				_ 8	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside			Cementious Lining		e Repai		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Forge Drive West Side	J15	7/6/2011		7'2"	J15-62		Ī			1		1				T													市市	一		Ħ
Winchester	J15	7/6/2011		4'6"	J15-64					1		1					1									+		 	1 1	一十		十
Winchester	J15	7/6/2011		4'4"	J15-65		1			1		1				1						-							1	-		+
Winchester	J15	7/6/2011		5'9.5"	J15-66					1		1				-1-					- /							 	+	_		1
Winchester	J15	7/6/2011		6'4"	J15-67	1	1		1			1				1									·			1	+			†
Browning	J15	7/6/2011		6'10.5"	J15-68	1	1	1 1				1										·				+	_	+	+	\dashv		†
Winchester	J15	7/6/2011		6'6"	J15-69		1		1		\neg	ΓŤ			1	1		1				· · · · · · · · · · · · · · · · · · ·						1	+	+		T
Browning	J15	7/6/2011		5'8"	J15-70		1				1	1				-1-						·				\top		+	1	-+		t
Briarstone Drive	J15	7/5/2011		7'4.5"	J15-71		1	1				1			-	7	_									1		1	 	+		T
Briarstone Drive	J15	7/5/2011		5'11.5"	J15-72			1		-		1				_	1											1	1	\dashv		T
Millbrook Drive	J15	7/5/2011		4'10"	J15-73		1			1		1														_		 	+	一十		t
Millbrook Drive	J15	7/5/2011		9'2"	J15-74	1	1	1				1																1	\Box	$\neg \dagger$		t^{-}
Denise	J15	7/5/2011		5'7"	J15-75			1				1														1		1	1	\dashv		t
Denise	J15	7/5/2011		8'4.5"	J15-76			1				1													,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1		†	1			1
Millbrook Drive	J15	7/5/2011		11'6.5"	J15-77		1	1				1		· ·															\Box			T
Millbrook Drive	J15	7/5/2011		12'5"	J15-78			1				1														1			1	-+		
Hamilton Cove	J15	7/5/2011		11'11.5"	J15-79		1	1							1			1									-	<u> </u>	1	\neg		<u> </u>
I30 East Service Road	K13	7/28/2011		5'6"	K13-39		1			1				1				1	1	1			1					<u> </u>	\dagger	-		┢
130 East Service Road	K13	7/28/2011		7'4"	K13-40		1	1							1						1							1	\Box			
Military Road	K13	7/29/2011		7'5"	K13-41					1					1							1						†	1 1			十
Millitary Road	K13	7/29/2011		5'1"	K13-42					1		1														_		<u>† </u>	1	_	**	T
Congo Road	K13	7/29/2011		8'10"	K13-42A						1			1				1	1				1		···			1	f	十		t
Military Road	K13	7/29/2011		4'7"	K13-43					1		1													l .		1			\dashv		H
Military Road	K13	7/29/2011		2'6"	K13-44	1								1				1		7			1					1		-		十
Military Road	K13	7/29/2011		3'9"	K13-46	1				1		1	$\neg \uparrow$													1		†	1	\neg	***************************************	十
Military Road	K13	7/29/2011		3'10"	K13-49		1			1				1				1			1	······································	1						1	\dashv		T
Military Road	K13	7/29/2011	1		K13-51						1					1				· · · · ·		··· · · · · · · · · · · · · · · · · ·						1	\Box			T
Durwood	K14	12/21/2010		5'3"	K14-1	1	1					1		\neg		1										\top		1	1 1	+		T
Durwood	K14	12/21/2010		4'8"	K14-2	1	1					,1				1				· · · · · · · · · · · · · · · · · · ·								1	1	十		T
Military Road	K14			2'6"	K14-6	1	1					:1	1									·						1		\dashv		
Military Road	K14		1		K14-6A				1					\neg		1					1											1
Military Road	K14	5/20/011		8'7.5"	K14-7					1			1		ė		1	1	1	1						1		1		+		
Military Road	K14	12/17/2010		6'10"	K14-8	-					1	1		一		1				-								1	1			T
Military Road	K14	12/17/2013		4'9"	K14-10					1		11				1)		1			1			
Military Road	K14	12/17/2010		6'2"	K14-11					1		1		\neg		1	1					-				1				_		

BENTON UTILITIES SS MAN	I	NEFAIN NE		BASIN		c	rface	Λha	0.14	nh al		, , ,	مدير و	for D	onsi-			n	ons:	r Do a · · !-		-+			<u> </u>	Т		Τ-	T -	Т		т-
		j						Abov	e Ma	IONNE	e	- N	eed f	or K	epair		-	K	epaii	r Requir	emer I	nt I			1					1		1
			Unable	:	Leak at	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	6 l		\ 	7/26				_ 1	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious L			Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Se	Lining Completed
STREET ADDRESS	Grid No.	Date Visually Inspected	Access	Depth	Manhole Number	men	men	men	Gravel	Grass	Wood	None	15t	2nd	Low	cces	hol	gh o	₹oot	Replace Outside	Rin	im o	Lining		e Repair npleted	aceo	oug Hole Pip	0Ve	ace	aise	or Rim Sealed	letec
Northshore	K14	ilispected	1	6"	K14-12	ā	<u> </u>		" 	<u> </u>	┭	<u>~</u>	7	러	<u> </u>	1	-	0 3	S	<u> </u>	13	3 3	00	COI	Ipieteu	10	1 10 10 3	10				屵
Northshore	K14	12/14/2010		4'6"	K14-13					1	1	1					-				<u> </u>	 			<u> </u>	†	1	†				1
Northshore	K14	12/14/2010		3'5"	K14-13A			1 1	_	1	\dashv	1	1							-	 	 				+	+	1				十
Northshore	K14	12/14/2010		5'11"	K14-14				1	1	_	1														1		1				1
Northshore	K14	12/14/2010		6'6"	K14-15				7	1	7	1														1		1	1			1
Cedar Ridge	K14	12/14/2010		6'6"	K14-16		1			1	1	1	1	-1							1		1		ĺ					一十		1
Northshore	K14	9/6/2011		6'7"	K14-16A				1	1	1	1										1			{	1		1	T			T
W. Lakeview	K14	12/21/2010		3'7"	K14-17					1	1				1		<u> </u>		1		İ		1		1				1			1
W. Lakeview	K14	12/21/2010		3'6"	K14-18					1		.1																			•	T
Redwood	K14	12/17/2010		8'8"	K14-19					1		1	1															Т				Т
E. Lakeview Drive	K14	12/16/2010		2'7"	K14-20		1			T					1			1							1	1	1				*	T
W. Lakeview	K14	12/21/2010		3'4"	K14-21					1		1			. 1										ľ							T
E. Lakeview Drive	K14	12/21/2010		5'7"	K14-22			1 1		1		1																			***************************************	1
E. Lakeview Drive	K14	12/20/2010		6'4"	K14-22A					1		1									1	1				1						T
E. Lakeview Drive	K14	12/20/2010	·	5'2"	K14-24				T	1	1	1	1												I.	1						
E. Lakeview Drive	K14	12/20/2010		4'11"	K14-25					1	T	1													1							T
E. Lakeview Drive	K14	12/20/2010		6'5"	K14-26					1	1	1																				T
E. Lakeview Drive	K14		1		K14-26A (NF)											1									1							T
E. Lakeview Drive	K14	12/16/2010		8'3"	K14-27		1					1													Ţ.							Т
E. Lakeview Drive	K14	12/16/2010		7'8"	K14-28		1					1																				
Cedar Ridge	K14	12/14/2010		7'1"	K14-29					1		1																				
Cedar Ridge	K14	12/14/2010		7'10"	K14-30					1		1																				$oldsymbol{\mathbb{L}}$
Northshore	K14	12/14/2010		9'	K14-31A	-	1					,1																				\mathbf{L}
					K14-31																											
Northshore	K14		1		(BR)											1									1							丄
Northshore	K14	12/14/2010		3'8"	K14-32		1					1		1											1							
Northshore	K14	12/20/2010		5'4"	K14-32A					1		1																				
Northshore	K14		1		K14-34 (BR)							+				1																
Northshore	K14	12/14/2010		3'4"	K14-34 (BR)		1	·				1																			<u> </u>	
Northshore	K14	12/14/2010		2'11.5"	K14-34A					1		1																				
East of Cody	K14		1		K14-36							\Box				1																
Cody	K14	5/20/011		3'7"	K14-37						1	Ì		1				1	1				1	L	1							

BENTON UTILITIES 55 MA	T	NLFAIN NE	CORD	BASIN	TO								<u></u>																				
							Su	rface	Abov	e M	lanho	ole		Need	for R	Repa	ir	L	R	Repai	r Requir	emer	nt										
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	M	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Re Comple	pair ted	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
East of Cody	K14	12/20/2010		6'6"		K14-38					1		1							T													
East of Cody	K14	12/21/2010		6'4"		K14-39					1		1													-1			 	\vdash			+
East of Cody	K14	12/20/2010		3'9"		K14-39A					1		1						1				***					······································		\vdash			+
Northshore	K14	12/14/2010		2'3"		K14-40					1		1						1							一						-	+
Northshore	K14	12/14/2010		6'9"		K14-43					1					1				† —			1						\vdash	\vdash			1
Northshore	K14	12/14/2010		5'5"		K14-44			1				1					1				1				1		· · · · · · · · · · · · · · · · · · ·		1			+-1
N. Lakeview Drive	K14	12/16/2010		3'11"		K14-45			1				1					1	1	1				T				 		H			+-
N. Lakeview Drive	K14	12/16/2010				K14-46					1	1	1						1	 		1			i			· · · · · · · · · · · · · · · · · · ·	<u> </u>	 			+
Brookview	K14	12/16/2010		3'10"		K14-46A					1		1									1								\vdash			+
Brookview	K14	12/16/2010		4'8"		K14-46B					1					1				†				1					<u> </u>	+			
Eldonwood	K14	12/16/2010		9'11"		K14-47		1								1				1				1		\neg				1	$\overline{}$		
Brookwood/Meadow Lane	K14	12/17/2010		6'5"		K14-48					1		-			1				1			··· /· / · · · · · · · · · · · · · · ·	1						+			+
Brookwood	K14	12/16/2010		6'2"		K14-49					1		1							1		1							\vdash	\vdash			+-1
Brookwood	K14	12/17/2010		6"4"		K14-50					1		1									1			i i				 		\Box	··	+
Brookwood	K14	12/17/2010		4'11"		K14-51					1		1										~						 	\vdash			+
Carwin Drive	K14	12/17/2010		5'3"		K14-53					1		1									1						·					1-1
Brookwood	K14	12/17/2010		5'3"		K14-54					1		1																\vdash				+
Carwin Drive	K14	12/17/2010		4'4"		K14-55					1	-	1										· · · · · · · · · · · · · · · · · · ·	П	i .							-	1
East Of Meadow In	K14		1			K14-56											1				1				į				\vdash		$\overline{}$		+
East Of Meadow Ln	K14	12/20/2010		6'1"		K14-57					1		1															·	\vdash	\vdash			+
Carwin (ROW)	K14	12/22/2010		7'8"		K14-57A			T	T	1		1	П											T i				\vdash	\vdash	-+		+
East Of Meadow In	K14	12/20/2010		7'8"		K14-58					1		1															~,	┢──	\vdash			+
Meadow Lane	K14	12/17/2010		5'6"		K14-59					1		1					· · · · · · · · · · · · · · · · · · ·											\vdash				+
Meadow Lane	K14	12/20/2010		8'		K14-60					1		,1																\vdash	\vdash			1-1
Carwin (ROW)	K14	12/27/2010		6"		K14-62					1					1								1					М				+-1
Cody Dr	K14	12/20/2010		5'5"		K14-63		1	1				1											П							\dashv		+-1
Cody Dr	K14	12/20/2010		6"4"		K14-64		1					1					-											\vdash	 		***	+-1
Donald	K14	12/16/2010		5'9"		K14-65		1								1		-						1	j				М		-		+
Janet	K14	12/27/2010		7'10"		K14-66					1					1								1		$\neg +$							+
Eldonwood	K14	8/30/2011	1			K14-70				\neg		1					1										1			\vdash			+-1
130 East Service Road	K14	12/27/2010		2'9"		K14-72					1		11		- 1				·							1							++
130 East Service Road	K14	12/27/2010		4'		K14-73					1		1												- 		_		\Box			··· · · · · · · · · · · · · · · · · ·	+
I30 East Service Road	K14	12/27/2010		7'1"		K14-74	1						,1				П									$\neg +$			\Box	\vdash		3	1-1
I30 East Service Road	K14	12/27/2010		9'6"		K14-75		1		\neg			1	\Box			М								,	\dashv	\neg						+
Northshore	K14	12/20/2010		5'6"		K14-76			1	一	1		1												1	\dashv	1			- 1	-	·	+-1

BENTON UTILITIES 55 IMAI	<u> </u>		<u>_</u>	BASIN		Ç.	ırfacı	e Abov	(0 N/	anha	<u>, , , , , , , , , , , , , , , , , , , </u>	R.	leed '	for P	onsi					- 0 '					<u> </u>			, ,				
							T	1 1	ve IVI	aurio		IN IN	reea	ior K	epail		<u> </u>	K	epai	r Requir	emei	nt	т	l					1 /		ĺ	
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Donth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	Nor	1s	2nd	Low	_	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
East of Cody	K14	Inspected	†	Depth		+=	13	13	<u></u>	<u>8</u>	굨	可	秥	_ق_	٤		ē	<u> 유</u> 옥	ड	<u>e</u> 6	13	3 9	8	Cor	npleted	<u> e</u>	Pe es	<u>g</u>	8	8	Rim aled	<u> e</u>
		12/22/2010	1	CIEW	K14-77	╂—	<u> </u>									1					<u> </u>					<u> </u>						
East of Cody	K14	12/22/2010		6'5"	K14-78	-	ļ			1	_	1						,,,,,,								'			'	Ш		
Brookwood	K14	12/27/2010	ļ	7'	K14-79	-	!			1		1														<u> </u>						
East of Meadow Ln	K14	12/22/2010		6'6"	K14-80	_	<u> </u>			1		1																				
Carwin (ROW)	K14	12/21/2010		7'11"	K14-81	.	<u> </u>				_	1																			i	
East of Meadow Ln	K14	12/20/2010		6'3"	K14-82					1	_	1																				
Meadow Lane	K14	12/20/2010		6'11"	K14-83					1		1																				
Cody Road	K14	12/20/2010		9'11"	K14-84	ļ				1		1																		\Box		T
Cody Road	K14	12/20/2010		5'4"	K14-85		<u> </u>			1		1																				1
Military	K14	12/27/2010		5'	K14-88	_				1		1													ł r					\Box		
130 East Service Road	K14	12/27/2010		15'7"	K14-89A		1					1																				\top
Military (ROW)	K14	12/27/2010		6'3"	K14-89B					1		1																				1
Millbrook Drive	K15	8/22/2011	1		K15-CO					1						1					1						·				-	1
Redwood	K15	8/25/2011		8'9"	K15-2					1		1																				1
Redwood	K15	8/25/2011		5'5"	K15-3	1				1		,			1					-		1					***************************************			\Box		1
Valley Forge Drive	K15	8/25/2011		6'1"	K15-3A					1		1												···· .			······································					1
Valley Forge Drive	K15	8/25/2011		5'10"	K15-4						1	1			,												· • • • • • • • • • • • • • • • • • • •					1
Valley Forge Drive	K15	8/25/2011		8'5"	K15-5					1					1			1												\Box		+
Valley Forge Drive	K15	8/25/2011		6'10"	K15-6	į				1					1			1												$\overline{}$		+
Mt. Vernon Drive	K15	8/25/2011		5'11"	K15-7					1		1														\Box				\Box		+
Mt. Vernon Drive	K15	8/25/2011		6'8"	K15-8					1					1		****					1			(\vdash	$\overline{}$		+
Mt. Vernon Drive	K15	8/25/2011		5'11"	K15-9	1				1					1							1				\vdash			\vdash	$\overline{}$		+
Northshore	K15	8/25/2011		8'4"	K15-11	1	1					\Box			1							1							\vdash			+
Carwin	K15	8/25/2011		5'9"	K15-12				1	1		1	一十	7	- 1											\vdash		\vdash				+
Northshore	K15	8/25/2011		4'2"	K15-13					1				1	1			1				1				H						+-
Northshore	K15	8/25/2011		3'6"	K15-13A	1	1		1	1		$\overline{1}$			1			1			1								\vdash			+
Juniper Ddrive	K15	8/24/2011		6'6"	K15-14	1	1		1	1	1	11									1					\vdash			\vdash			+
N Greenbrier	K15	8/18/2011		9'0"	K15-15	1		1 1	+	1		1			1			1											\vdash			+-
Greenbrier	K15	5/20/011		6'2.5"	K15-15A		1			1	1	++			1			1								H			┝─┤			+
Rollingbrook	K15	8/22/2011		6'2"	K15-16	1			Ť	1	—	-+		1	一十			1	1				1						 			+
N Greenbrier	K15	8/18/2011		5'1"	K15-16A	1	1		1		-	+++	-1	-	1			*	-			1	_						$\vdash \vdash \vdash$	\dashv		+-
N Greenbrier	K15	8/22/2011		6'5"	K15-16B	1	-		\dashv	_	—	1	+	•						-		-				$\vdash \vdash \vdash$			 			+-
Juniper Drive	K15	8/24/2011	1		K15-17	1	1	1 1	\dashv	+		+++	\dashv			1					1								 	+		+-
Corner of			-	-		╅	 	 	\dashv		+	+	+	\dashv	\dashv	-										\vdash			┢═┪			+-
Woodvale/Rollingbrook	K15	8/22/2011		6'7"	K15-18		1								1							1										

and the second second

BENTON UTILITIES SS MAN	IHOLE	REPAIR RE	LUKU	BASIN :	10							:				-												,	,			
						-	ırface	Abov	/e Ma	anho	le	N	eed f	or Re	pair	4		R	epair	Requir	emer	nt			1					, 1		
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	151	2nd	Low	_ [Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		te Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Carwin	K15	5/20/2011		11'4"	K15-20	T	1			1	一十	1			\forall		*	*		10 10					1	慒	1	†	Ī			Ħ
	K15	5/20/2011		6'1"	K15-21	1	1			1	一				1	+	十					1		 	 	T	+	 				
Carwin	K15	5/20/2011		5'7.5"	K15-22	1	†		_	1	一十	1		_†		1	-						1		ì	+		\vdash	 	\Box		
N Greenbrier	K15	8/18/2011		8'3"	K15-23	1	†	1 1	\dashv	1	-	-			1	十	\dashv	1							1	+		1-	†	\Box		
Woodvale Lane	K15	8/22/2011		6'0"	K15-24	1	†	1		1	_	- 1			$\frac{1}{1}$	1	寸	1				1			 	+	 	1	 			
N Greenbrier	K15	8/18/2011		2'10"	K15-25	1	 	1			一十			1	1	十		1				1	1		†	+	1.	1	1			†
Janet	K15	8/18/2011	1		K15-25A	+-	1				1			-+	-	1	7						H	-	 	+	1	1	 	\vdash		
E. Greenbrier	K15	8/18/2011		5'0"	K15-26	1	1				-		-		1	+	1	1							}	 	+	1-	 	\vdash		1
Janet	K15	8/18/2011		4'6"	K15-26A	1		1		1	-			1		1		1	1				1		1.	t	†	1	 			
Intersection E						1	1	1-1			一		_			十								l	1	十一	 	 				T
Greenbriar/Rollingbrook	K15	8/18/2011		5'7"	K15-28		1		1			1	1				- [l	ľ					1		1
E. Greenbrier	K15	8/18/2011	1		K15-28A	1	1	1 1		1						1	_						1		ì	1	† ·	†	1			
E. Greenbrier	K15	8/18/2011		3'7"	K15-28B	1	1		1	1		1		_	_	寸				****						1			<u> </u>	\Box		1
Janet	K15	8/18/2011		4'7"	K15-28C					1		1				1				- 		· · · · · · · · · · · · · · · · · · ·				1		†	†	\Box		1
Rollingbrook	K15	8/22/2011		6'6"	K15-29	1	1		1	7	•	1			1	1						1			1	1	† · · · · · · · · · · · · · · · · · · ·	†	†	\Box	-	T
Rollingbrook	K15	8/22/2011		3'6"	K15-30		1								1	1		1				1			1	1	1	1	1			T
Rollingbrook	K15	8/22/2011	1		K15-30A	1					1					1									1.	1		1		\Box		
E. Greenbrier	K15	8/18/2011		4'1"	K15-31	1				1					1		T					1				1		1		\Box		1
E. Greenbrier	K15	8/18/2011		4'5"	K15-33	1				1				1	1		丁					1				1				\Box	*****	1
Oakbrook Cove	K15	8/23/2011	1		K15-33A	1	П				1					1	1											1	1	\Box		
E. Greenbrier	K15	8/18/2011		4'1"	K15-34	1				1					1			1				1			i.			1		\Box		1
Corner of Janet/Breckenridge	K15	8/18/2011		4'3"	K15-34A	1					1000				1			1														
Janet	K15	8/18/2011	ļ	5'0"	K15-34B	1	1			1		1				4	_						1	<u> </u>	-	4_	!	1		igwdap		1
Janet	K15	8/18/2011	-	8'9"	K15-34C	╄				1			_		1	\dashv	_	1			<u> </u>			<u> </u>	-	 		_	<u> </u>	 		—
Corner of Oakbrook/E. Greenbriar	K15	8/18/2011		5'3"	K15-36	1						1																				
Oakbrook Drive	K15	8/18/2011		4'6"	K15-36A	1_				1					1		_	1						L	1			<u> </u>	<u> </u>			
Oakbrook Drive	K15	8/23/2011		5'7"	K15-37A	1_	_			1		1													<u> </u>	4				\Box		1
Oakbrook Drive	K15	8/23/2011		7'9"	K15-37B		↓				1			1			_	1	1			1		L_		1_						
E. Greenbrier	K15	8/22/2011		5'1"	K15-38	1	_					1														1		_				
Millbrook Drive	K15	8/22/2011		6'2"	K15-39	1	_			1		1		_		\perp	_							L_		1-			<u> </u>	\sqcup		1_
E. Greenbrier	K15	8/22/2011		4'6"	K15-39A	1_				1	_	1													<u> </u>	1	<u> </u>	1		\sqcup		1
Stonewall Drive	K15	8/22/2011		6'7"	K15-40		_			1	_	1	\perp			\bot								<u> </u>	1	 	<u> </u>			\sqcup		<u> </u>
Stonewall Drive	K15	8/22/2011		12'1"	K15-40A		1			1		1									1	L	1			1	1	<u> </u>				

BENTON UTILITIES SS WAN	MOLL	REPAIR RE	CORD	BASIN	10		C	-	. A.b	A	4 a l-				£		1	1						-				<u> </u>	1				
						1	_		Abo	ve N	riann T	oie		Need	ror F	repa I	ır	<u> </u>	H T	repai T	r Requir	emer T	nt	r							1 1	1	
	Grid	Date Visually	Unable to		1	Leak at Manhole	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gra	<u> </u>	W	Z				8	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Li	Dat	e Repair npleted	Manhole Repla	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
STREET ADDRESS	No.	Inspected	Access	Depth	1	Number	ent	ent	ent	Gravel	Grass	Wood	None	1st	2nd	Low	Access	ole	h or lipe	ots	lace side	Rim	n or sion	Lining	Cor	npleted	ced	ugh tole pipe	ved	ced	sed	or Rim Sealed	ted
Blackberry Lane	K15	8/22/2011	1			K15-40B						-	1.6.1				1																T
Stonewall Drive	K15	8/22/2011		13'4"		K15-40C			1				1										***************************************									· · · · · · · · · · · · · · · · · · ·	
Stonewall Drive	K15	8/22/2011		7'8"		K15-40D					1					1							1								\Box		
Millbrook Drive	K15	8/23/2011		5'1"		K15-41					1		1																				
Millbrook Drive	K15	8/23/2011		4'11"		K15-45					1		1															·					
Laurel Drive	K15	8/24/2011		8'7"		K15-46	1						,			1							1										
Oakbrook Cove	K15	8/23/2011		4'9"		K15-47A		1					ŧ			1							1										
Oakbrook Cove	K15	8/23/2011		5'2"		K15-47B					1				1				1				1										
Oakbrook Cove	K15	8/23/2011	1			K15-47C											1									ļ.					\Box		
Laurel Drive	K15	8/24/2011	1			K15-49							202711				1	Ī														· · · · · ·	\top
Behind Northshore Pump Station	K15	8/23/2011		5'11"		K15-50			1			1	1																				
Behind Northshore Pump Station	K15	8/23/2011	1			K15-50A						1					1															i	
Oakbrook Drive	K15	8/23/2011	1			K15-50B											1									1						l .	
Jasmine Drive	K15	8/23/2011		4'9"		K15-51	1						-			1							1										
Rollingbrook	K15	8/24/2011	,	7'2"		K15-52					1		,1													L							
Jasmine Drive	K15	8/23/2011		8'6"		K15-53	1						1																				
Millbrook Drive	K15	8/24/2011	1			K15-54						1					1																
Millbrook Cove	K15	8/23/2011	1			K15-54A						1					1						,										
Millbrook Drive	K15	8/23/2011		6'3"		K15-55					1		1							100	20.71 1,000												
Millbrook Drive	K15	8/23/2011		5'9"		K15-55A					1		1																				
Northshore	K15	8/25/2011	1			K15-56				1							1					1									П		
South End of Laurel Drive	K15	8/24/2011		4'7"		K15-57A					1					1							1									i	
Juniper Drive	K15	8/24/2011		4'4"		K15-57B					1		1													\						[\Box
Rollingbrook	K15	8/22/2011		8'2"		K15-59					1		1																				
Blackberry Cove	K15	8/22/2011		6'10"		K15-60	1						1																				
Blackbery Cove	K15	8/22/2011		11'9"		K15-61					1		1																				
Corner of Blackberry																																	
Ln/Millbrook	K15	8/22/2011		5'10"		K15-62	1		1				1																				
Blackbery Ln	K15	8/22/2011		5'1"		K15-63			1				1																				
Woodcliff	L13	1/26/2011	1	6"		L13-CO					1		2				1									1							
Woodcliff	L13	1/26/2011		5"3"		L13-47					1		*	}		1								1									
Woodcliff	L13	1/26/2012		4'1"		L13-48					1		1																				
Woodcliff/Cedarhurst	L13	1/26/2011	1	5'9"		L13-49		1					<u>;</u> 1							1	1												

		REPAIR REC		DASIN .		Su	rface	Abo	ve M	anho	le	N	leed	for R	epai	r		F	Repai	r Requir	emer	nt			T-	T	7				T^{T}
	Grid	Date Visually	Unable to		Leak at Manhole	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gr	G	×					No Access	Replace Manhole	Bench & Trough or Around Pipe		Replace Cover/Outside	Raise Rim	Seal Ext	Cementious Lining	Data Romai	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Se	Lining Completed
STREET ADDRESS	No.	Inspected	_	Depth	Number	ient	ient	nent	Grave	Grass	Wood	None	1st	2nd	Low	ces	힣	Pipe	S S	blace	R	Rim or tensior	inin	Date Repair Completed	Sec	Pip	Ove	ace	ise	or Rim Sealed	ete
Cedarhurst	L13	1/26/2011		5'4"	L13-55					1					1	<u> </u>		1 3	1	1 0 0	13	3 5	1	Completed	++		+-	-		<u> </u>	부
Durwood	L14	5/26/2011	1		L14-CO											1		†		<u> </u>	 		1		+		-		\vdash		+
South of Cedarhurst	L14	5/26/2011		4'1"	L14-1					1				1			_	1	†		 		1		+	<u> </u>	.				+
Melrose	L14	5/20/2011		4'4"	L14-2					1				1				1					1		 				\vdash		+
Melrose & Brookview	L14	5/20/2011		4'1"	L14-3					1					1			 	1	1	1				 		+		\vdash		+-
Brookview & Cedarhurst	L14	5/20/011		3'8"	L14-4				1	1				1				1	1		┢		1		+		 		┟─┤		1
South of Cedarhurst	L14	5/20/2011		4'7"	L14-5				1	1		1		1				1 1	 				1	 	+		+		 		+-
2012 Cedarhurst	L14	5/20/2011		4'8"	L14-7							7		$\neg \dagger$	1			 		1			1		+		†		┌──┤		+
Cedarhurst	L14	5/20/2011		6'6"	L14-8				Ť	1				1				1			1		1		+		 		\vdash		+
2009 Cedarhurst	L14	5/20/2011		4'9"	L14-9	: - :		1		1					1			1				1 414 1	-		 		†—		\vdash		+-
End of Sagecrest	L14	5/26/2011		8'5"	L14-16	•				-	1	1							<u> </u>		1				+-		1		 		+
Watts Road	L14	5/26/2011	1		L14-17											1				 	1				1 -		+		-		1
Watts Road	L14	5/26/2011		3'0"	L14-17A		1					1					-		1						+		+		 	may y	+
Watts Road	L14	5/26/2011		4'11"	L14-18					1		1													 		-		-	 	+
Watts Road	L14	5/26/2011		5'9"	L14-19	-				1		1						1							+		 	\vdash			\vdash
End of Sagecrest	L14	5/26/2011		7'11"	L14-20						1	1	1	- 1											+	<u> </u>		-			+
Durwood	L14	5/26/2011		3'4"	L14-21					1				1				1				***	1		 		 		$\overline{}$	······	+
Durwood	L14	5/26/2011		3'8"	L14-22				- : -	1		-	7	1				1			1	· - · · · · · · · · · · · · · · · · · ·	1		**		1		$\overline{}$		+
Watts Road	L14	5/26/2011		5'2"	L14-23					1		1					/							1	1		1	-	$\overline{}$		+
Durwood	L14	5/26/2011		5'3"	L14-24		1					1						†			1	·			_		 		$\overline{}$		+
Durwood	L14	5/26/2011	1		L14-25									~~t		1									+						╁
Durwood	L14	5/26/2011		5'3"	L14-26	-	1				1	\Box			1			1				1			+		 				┼
Durwood	L14	5/26/2011	1		L14-27		1						1			1				 					+						+
West Lakeview	L14	5/26/2011		6'6"	L14-28		1							1	1			1							+						+-
West Lakeview	L14	5/26/2011		5'3"	L14-29		1								1							1			1					·····	┼
Durwood	L14	5/26/2011		5'5"	L14-30		1		- 1	1	1	7			1							1			1						
Southshore Dr.	L14	5/26/2011	1		L14-31		1				\exists		1			1		*************			1				1						
West Lakeview	L14	5/26/2011		2'10"	L14-32		1								1								1		1						\vdash
West Lakeview	L14	5/26/2011		3'10"	L14-33		1			- 3				1		- 1		1					1		1				\dashv		\vdash
East Lakeview	L14	5/25/2011	*	7'2"	L14-34					1	7				1			1		1		-		-	1-		\vdash		\rightarrow		1
East Lakeview	L14	5/25/2011	1		L14-35							1		\neg	_	1		1		· 	1			 	1		1				
East Lakeview	L14	5/25/2011	1		L14-36					1	1					1			1		1						\vdash		\dashv	····	
East Lakeview	L14	5/25/2011	1		L14-37						一	7		十		1		<u> </u>			1						\vdash		\dashv		-
East Lakeview	L14	5/25/2011		8'8"	L14-38					1		1	1		_			1							+		\vdash				-
East Lakeview	L14	5/25/2011		9'11"	L14-38A					1	一	1				,		1		<u> </u>	1				+				\dashv	·	\vdash

BENTON UTILITIES SS MA	T	I I	LOND	BASIN	10	C	<u>-</u>	A h = 1	- 11-	L I				- D -		_			-				<u> </u>	_		T	T	т—			
								Abov	e ivia	nnol	<u>e</u>	<u>N</u> E	ed fo	r Ke	pair	+	1	кераі	r Requir	emer	nt	_									
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	2na 1st	2-1	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Southshore Dr.	L14	5/26/2011		5'4"	L14-39		1				T			T	1	Т	1			Ī		1			T	Î	T				1
East Lakeview	L14	9/6/2011		6'4"	L14-40					1	1		1	1	1	1				1	1				†		T				1
East Lakeview	L14	9/6/2011	1							1		-		1	1	1				1					1		†	†			1
East Lakeview Chris Drive	L14	5/24/2011 5/25/2011		7'10" 4'4"	L14-42 (BR) L14-43		1			1			1				1	1				1									
Cedarhurst	L14	5/20/011		4'5"	L14-43	ļ				1	+	-	_	+	1	-	1	1			31.4				₩		+-	 		 	+
East Lakeview	L14	5/25/2011	1	43	L14-44 L14-45	 	-	\vdash	+	1	-	1		+	1	╂		+		-					+-		+-	+	$\vdash \vdash$		
East Lakeview	L14	5/25/2011	1		L14-45					1	-	\dashv			1	-		-		1 1					+		┼	<u> </u>	$\vdash \vdash$		+
East Lakeview	L14	5/25/2011	-	10'3"	L14-40		-			1	+	-	_	\dashv	1 1	╅┈		1		 		1		· ·	+		₩	 	┟─┤	 	+-
East Lakeview	L14	5/25/2011		10'2"	L14-48					1	-				1	-	1	╁		+-					+		+	 	╂┈┤		+-
East Lakeview	L14	5/24/2011	-	11'9"	L14-49	-	-			1	-	1		-	+	╁	*	1-		+	·				+		╁	+'	\vdash		
East Lakeview	L14	5/24/2011	1	11.7	L14-50	-				1	-+	•	_	+	1	+		+		1					+		+	 	 		+
Chris Drive	L14	5/25/2011	 	3'10"	L14-51			- 1	-+	1		-	1	+	- -	+		1		╁╧				 	+	 	+	+	₩		+
East Lakeview	L14	5/24/2011	 	11'4"	L14-52				-	1	+		1			+	•		1	1	1				 		+-	 	 	 	
East Lakeview	L14	5/24/2011	 	11'0"	L14-53	1			\rightarrow	1	-	1	- -			1		1	1	1	-				 		+	+	-	 	
East Lakeview	L14	5/24/2011	† •	6 ¹ 2"	L14-54	1	1			_	1		1			╅		1	1		1		ì	-	 		 	+	\vdash		+
East Lakeview	L14	5/25/2011	1		L14-55					1	Ť			1	1	╅	1	1		1					†	1	 	+	 		+
East Lakeview	L14	5/25/2011	1	9'0"	L14-55A					1	十	1		\top		1		1		1					 		 	 	H	 	1
East Lakeview	L14	5/25/2011		9'7"	L14-56					1		十	1			1	1		1	1		1			十一		+		\vdash	 	+
East Lakeview	L14	5/25/2011		8'4"	L14-57					1	\top	1			1	1		1	1	1	1				†		<u> </u>	†			1
Cary Road	L14	5/25/2011		9'6"	L14-58					:	1		1			T					1	1					1	1			1
Chris Drive	L14	5/26/2011		3'11"	L14-59						1	1		1		1			-								1				†
Chris Drive	L14	5/25/2011		4'1"	L14-60						1		1				1	1	1			1		÷							1
Chris Drive	L14	5/25/2011		4'2"	L14-61					1	1		1	L			1	1													T
East Lakeview	L14	5/24/2011		4'2"	L14-62		1						1	l		1	1					1									1
Chris Drive	L14	5/25/2011		4'0"	L14-63		1					ì			1							1									1
East Lakeview	L14	5/24/2011		6'3"	L14-61		1				\Box				1						1										1
East Lakeview	L14	5/24/2011		6'2"	L14-65		1								1						1										1
East Lakeview	L14	5/24/2011		9'2"	L14-66		1								1	T					1										T
Cary Road	L14	5/25/2011		8'6"	L14-67						1		1	ı]			1	1			1										1
Cary Road	L14	5/25/2011		4'2"	L14-67A					1	1		1	L			1	1	,			1									1
Cary Road	L14	5/25/2011	1		L14-68										1																
Cary Road	L14	5/25/2011	1		L14-69										1					1											
Cary Road	L14	5/25/2011		7'3"	L14-70		1				1				1				1			1									

	1	REPAIR RE		BASIN :			urfac	e Abo	ve M	lanho	مام		leed t	for R	enair	. 1		D	onai	- Doguin					_	1	T	7			_
						-	1	_	1		Jie	- '	leeu	IOI K	Epail	' 	1		ераі	r Requir	emer	וד ר	1		ŀ			1		ı	1
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repair Completed	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	
Cary Road	L14	5/25/2011	1		L14-71			T				Ī			Ī	1				1			I		 = 		-		旹		+
Chris Drive	L14	5/25/2011		4'3"	L14-72			1			1				1				_	<u> </u>		1	1		 		╁──	 	\vdash		+
Cedar Ridge	L14	5/24/2011		8'3"	L14-73					1		1							-				 -		 		 	1-	\vdash		+
East Lakeview	L14	5/24/2011		7'1"	L14-74		1	1						1				1		·· · · · · · · · · · · · · · · · · ·			1		 		╁		 		+
West Lakeview	L14	5/26/2011		3'4"	L14-77		1	1		1					1			1		1			1		├		╁	 	┼─┤		+
West Lakeview	L14	5/26/2011		4'9"	L14-79	1	1			1		1		1				1	1				1		 	 	╁┈╌	+	\vdash		+
West Lakeview	L14	5/26/2011	1		L14-79		1	1		1					\dashv	1			Ť		1		+		 		 	1	+		+
West Lakeview	L14	5/26/2011		3'7"	L14-80		1	1		1				1	_			1					1	1	\vdash	 	t	 	$\vdash \vdash$		+
West Lakeview	L14	5/26/2011		4'7"	L14-81	_	1	1		1					1			1					1		 		1	\vdash	 		+
Cedar Ridge	L14	5/24/2011		5'4"	L14-82	1	1	1		1		T			1						-	1	-		╁┈	 	\vdash	┼	\vdash		+
Cedar Ridge	L14	5/24/2011		10'2"	L14-83	1	1	1		1		1				\dashv									┢		┼		\vdash		+-
Eagle Run Drive	L15	5/23/2011		20'8"	L15-1		1	1		1					1						-	1			1		╁	 	╁		+
Eagle Run Drive	L15	5/23/2011	1		L15-2	T		1		1						1					1		-		╂┈┈	 	┢	1	$\vdash \vdash \vdash$		+
Eagle Run Drive	L15	5/23/2011		10'1"	L15-3		1	1						1				1	1		-		1			ļ	 	 	-		+
Eagle Run Drive	L15	5/23/2011		15'0"	L15-3A	1	1	1		1					1			1				1	1	 	 	 	 	 	+		+
Eagle Run Drive	L15	5/23/2011		8'11"	L15-4					1					1	\neg					1	-			╁		 	 	┢─┤		+
Dove Drive	L15	5/23/2011	1		L15-5	1		1								1										 	 	 	\vdash		+
Dove Drive	L15	5/23/2011	1		L15-6	1		1								1					1		-		┢	 	\vdash	 	\vdash		+
Dove Drive	L15	5/23/2011	1		L15-7	十	1			1		3				1					-						 	 	\vdash		+
Dove Drive	L15	5/23/2011		5'3"	L15-8	1				1				1				1		· · · · · · · · · · · · · · · · · · ·	1	1			 	 	 		\vdash		+
Eagle Run Drive	L15	5/23/2011		7'1"	L15-9	1		1		1			1	1		1		1				1			 		 		$\vdash \vdash$		+
Eagle Run Drive	L15	5/23/2011		4'4"	L15-10	1	1	1		1					1			1			1	1				 	 	 	 		+
Eagle Run Drive	L15	5/23/2011		3'7"	L15-10/	_	1	1		1					1	-1		1			\vdash	1		 		 	 	1	$\vdash \vdash$		+
Robinwood Court	L15	5/23/2011		4'6"	L15-11	_	1	1		1		1	1		+	-1						-	М			 		 	 		+
Eagle Run Drive	L15	5/23/2011		6'4"	L15-12		1	1		1			1	1	1	一		1					1					1	$\vdash \vdash$		+
Eagle Run Drive	L15	5/23/2011		10'9"	L15-12/		1	1		1		1	1		7						\vdash		H		<u> </u>			1			+
Dove Drive	L15	5/23/2011	1		L15-15	_	1	T				2 *			+	1					1	77 - 7 - 7 - 7			 			1			+
Eagle Point Drive	L15	5/20/011		5'9"	L15-13	_	1	1		1			+	1	1	_		1				1		1		 	 		$\vdash \vdash \vdash$		+
Eagle Point Way	L15	5/20/011		4'11"	L15-14		1			1			<u> </u>		1		-	1				1	\vdash	- 		 	_				+
Dove Drive	L15	5/23/2011		6'9"	L15-16		1	1		1					1				-	-	\vdash	1		 		 	-	H			+
Falcon Way	L15	5/20/011		5'10.5"	L15-17	_	1	1		1				_	1			1			\vdash	1		4. 3393	-				$\vdash \vdash$	***********	+
Dove Drive	L15	5/20/011		4'10"	L15-18	_	1	1		1			_		1						\vdash	1		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					\vdash		+
Dove Drive	L15	5/20/011		4'7"	L15-18/	_	\top	1		1					1	_		,			$\vdash \vdash$	1			-						+
Dove Drive	L15	5/23/2011		6'2"	L15-20	_	1	1		1			-		1		\neg				1	<u> </u>	H								+
Robinwood Court	L15	5/23/2011		6'7"	L15-21		\top	1		1			$\overline{}$	\dashv	1					-	1			Constant Trans Section	 	 					+

RENION UTILITIES SS MA	T	I AIR RE	I	BASIN :		I c.	ـ حکــ	A b =			- 7		1	.		. 1									1		1					· · · · ·
						_	ırface		ve iv	lanno	ole	N	leed	for K	epair		L ,	- K	epai	r Requir	emer	nt .		1		1						
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	- I	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	힐
Robinwood Court	L15	5/23/2011		10'1"	L15-22	T				1		1	T								Ī		Ĭ			1	1		〒			
Falcon Circle	L15	5/23/2011		10'4"	L15-23	T				1					1				1		1	1	†		<u> </u>	1	1	\vdash		\square		1
Eagle Run Drive	L15	5/23/2011		10'6"	L15-24		1					1										<u> </u>				 		\vdash	 			
Falcon Way	L15	5/23/2011		4'3"	L15-25	1				1				1	1			1	1			1			Ì 	 		1	\vdash			+
Falcon Way	L15	5/23/2011		6'4"	L15-26	1				1		11									†		†	1	-	 		十一	 	\vdash		1
Falcon Way	L15	5/23/2011		7'8"	L15-26A	1				1		1									1			—	1	 		T	T			1
Falcon Way	L15	5/20/2011		3'10.5"	L15-27	1				1					1							1		-	İ	1	 	\vdash	T			+
Falcon Way	L15	5/20/011		6'5"	L15-28	1				1					1			1				1				 	†	\vdash	 	\vdash		1
Eagle Point Way	L15	5/20/011		4'11"	L15-29	1				1					1						1	1		· · · · · · · · · · · · · · · · · · ·	1	 	<u> </u>	 				
Valley Forge Drive	L15	5/20/011		6'11"	L15-30					1					1						1	1		1	1	 	†	\vdash	<u> </u>			
Mt. Vernon Drive	L15	5/20/011		7'.5"	L15-31	T				1					1			,				1		 			<u> </u>	 	1			
Mount Vernon	L15	5/20/011		7'4"	L15-32	1				1					1		-					1			<u>.</u>	1		T	†			
Redwood	L15	5/20/2011		3'1"	L15-35	1				1					1					1		1						<u> </u>	T			
Delaware Crossing	L15	5/20/011		7'8"	L15-37	1				1		1																1	 			1
Valley Forge Drive	L15	5/20/011		8'4"	L15-39					1		1									1				İ	1			T			+
Redwood	L15	5/20/011		10'2"	L15-40					1		1												1		1			1			
Abby Lane	L15	5/24/2011		8'5"	L15-43					1		1				7 7 1										1		T	\top	\Box		1
Abby Lane	L15	5/24/2011		8'11"	L15-44					1		1													Ï				1			
Abby Lane	L15	5/24/2011	1		L15-45						1					1				<u> </u>		***************************************			+	1			1			1
Abby Lane	L15	5/24/2011	1		L15-46	1					1					1										1		T				
Abby Lane	L15	5/24/2011	1		L15-47	1					1					1		··							Ì	1		T	T			†
Abby Lane	L15	5/24/2011		7'2"	L15-49	T				1					1							1				1		T	\vdash			
Abby Lane	L15	5/24/2011	1		L15-50	T				1						1					1					1		1	\vdash			
Kenmore	L15	5/24/2011		8"	L15-51	T				1					1			1										!				1
Kenmore	L15	5/24/2011		10'7"	L15-52	1					1				1							1						T	†			1
Abby Lane	L15	5/24/2011		9'7"	L15-53					1		1								· · · · · · · · · · · · · · · · · · ·								T				
Tay Court	L15	5/24/2011		9'7"	L15-54	1				1		1																				T
Kenmore	L15	5/23/2011		9'9"	L15-55					1		2			1			1				7. 3							1		-	
Falcon Court	L15	5/24/2011		6'7"	L15-56					1		1													İ							1
Falcon Court	L15	5/23/2011	1		L15-57											1					1					T						
Falcon Court	L15	5/23/2011		6'8"	L15-58					1		1													Ì	1						
Falcon Court	L15	5/23/2011		7'2"	L15-59		1								1					4.1		1	12.1	5 - 3 5 - 3					1	[,		
Falcon Court	L15	5/23/2011		6'2"	L15-60	1				1		1									T											
Falcon Court	L15	5/23/2011		8'3"	L15-61					1		1													1	1					····	1
Galloway Drive	L15	5/23/2011		6'1"	L15-62	1				1					1	:					1					1			T			1

BEINTON OTILITIES 33 IVIAIN						S	urfac	e Abo	ve N	lanh	ole	N	Veed	for R	Repai	ir		R	epai	r Requir	emer	nt				1	ı				
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1 st	2nd	Low	-	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside		Seal Rim or Extension	Cementious Lining	Date Repa		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	힏
Galloway Drive	L15	5/24/2011		5'5"	L15-62A	1	T			1		1															†=	一			+=
Galloway Drive	L15	5/24/2011		7'0"	L15-63					1		1							·		1		 		-		+	 	\vdash		+
Galloway Drive	L15	5/24/2011		6'8"	L15-64		1			1					1							1	 				╂	 	\vdash		+
Falcon Court	L15	5/23/2011	, ,	9'11"	L15-65	1	1			1					1						1	 	 				+-	 	\vdash		+
Falcon Court	L15	5/23/2011		11'7"	L15-66	1	1	1				,			1			1			1		<u> </u>				┼	╁──	\vdash		+-
Candis Drive	M13	5/23/2011		3'9.5"	M13-1	1	1			1		l			1			1	1	 		 					+-	+-	$\vdash \vdash$	· ·	+
Pine Circle	M13	5/23/2011		4'9"	M13-2	1	1					1													\dashv	-	+	 	$\vdash \vdash \vdash$		+
Candis Drive	M13	5/23/2011	1	3'5"	M13-3	1	1				1			1				1	1			1				- 	╁┈	 	\vdash		+
Doyle Drive	M13	8/16/2011	1		M13-3A	1	1		<u> </u>		-			-		1			Ť			-	†				+	 	$\vdash \vdash$		+
Sunset/Pine Circle	M13	5/23/2011		4'10.25"	M13-4	1	1			-		1													╅		┼	 	\vdash	· · ·	+
Ridge Drove/Sunset	M13	5/23/2011		6'3.75"	M13-5	1	1					1		-							 		-		+		+	+-			+
Candis Drive	M13	5/23/2011		6'0"	M13-6	1	1	1		1					1	1			-			1	ļ		_		╁	╁			+
Crystal Road	M13	8/16/2011	1		M13-7	1	1		 							1					1			*	_		+-	╁			+
Oakwood Drive	M13	5/23/2011		6'1"	M13-8	1	1	1	<u> </u>			7		1							 		1		\dashv		 	 			+
Military Behind Sutherlands	M13	5/24/2011		16'10.5"	M13-9	1	1							1									1		_	+	+	 	\vdash		+
Alcoa	M13	5/24/2011		8'10.5"	M13-10		ļ.,			1					1			1				1			+		 	+			+
Crystal Drive	M13	5/23/2011		6'4"	M13-11	1				1				1				1				1	1	· · · · · · ·	+		1	 			+
Crystal Drive	M13	5/23/2011		6"	M13-12	1	1								1								1		\dashv		†	 	\vdash		+
Sunset/Foreson	M13	5/23/2011		5'9.5"	M13-13		1								1				-				1		+-		+	╁	\vdash		+
Military Behind Sutherlands	M13	5/23/2011		7"7.5"	M13-14	1	1			1					1			1					1		_		+	†	\vdash		1
Jameson	M13	5/23/2011		3'0"	M13-15	1				1		1													+		+	 			+
Crystal Drive	M13	8/16/2011	1		M13-16	1										1					1			1	\top		T	 		,	+
Crystal Drive	M13	5/23/2011		3'1.5"	M13-18		1					1												1	1		 	 	\vdash		+
Jameson/Crystal	M13	5/23/2011		3'6.5"	M13-19	1	1							1				1					1		1		1		\vdash		+
Jameson	M13	8/17/2011	1		M13-20	1						-				1				-	1				1			1			+
Crystal Drive	M13	5/23/2011		2'10"	M13-21		1							1				1					1				1	\vdash			+-1
Jameson	M13	5/23/2011		3'6.5"	M13-22	1	1	1						1				1					1					 			+ 1
Crystal Drive	M13	5/23/2011		4'6"	M13-24		1							1				1	1				1		_		\vdash	${f H}$			+
Jameson	M13	5/23/2011		6'4"	M13-26	4	1				1				1			1				1						\vdash			+-1
Cornett Drive	M13	5/25/2011		6'3"	M13-26A	1	1			1					1			1				1					1	╁╌┤	一十		+
Military NE Corner of Post Office	M13	5/25/2011		4'7.5"	M13-27	1	1	1		1				1				1					1		-		 		\vdash		+-1
Leon	M13	5/6/2011	1		M13-30			T								1					1				1		t^{-}	 	 		+-1
Cornett Drive	M13	5/25/2011		5'8"	M13-31					1					1			1							\top	1	T	\vdash	\Box		+
Cornett Drive	M13	5/25/2011		5'4"	M13-31A	1		1		1		1			1			- , -	1	1			1		1		 		$\overline{}$		+
Cornett Drive	M13	5/25/2011		6'2.5"	M13-32	_	1							1				1	-		1	· · · · · · · · ·	1		\top		 		\Box		+

							Su	rface	Abo	ve N	1anh	ole	1	Need	for R	lepai	ir		R	epai	r Requir	emer	nt									T
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at inhole imber	Concrete Pavement	Asphalt Pavemen	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	hon	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repa		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Griffey Drive	M13	5/24/2011		3'4"		M13-33	4	1	-		1	٣	-	Ħ	1			- IV	1	. v	1	 		1				╅	+=	+=		干
Cornett Drive	M13	5/26/2011		10'1"	-	M13-34					1	╁	┢┈	╁╌┤	1		1		1			 		1		+	+	+		+	\vdash	+
Irene	M13	5/26/2011	1	101		M13-35					1	┢┈╵	┢┈╵	1	-		1	********	 			 		-					+	+-	<u> </u>	+
Smithers Drive	M13	8/17/2011	1		_	M13-36					Ť	1		┢╌┤			1					1				+-		+	+	+-	—	+
Smithers Drive	M13	5/25/2011	 	8'4"		M13-37		1			┢	╁	┟┈╵	╁		1	╁┼	-			1	┝╌		1		+		+	+	+-	<u> </u>	+
Smithers Drive	M13	5/25/2011	 	9'7"		M13-37	-	1			-	1	┟──┤	H^{-1}		1	$\vdash \vdash$	 	 		 	 		1		-	 	+	+-	+-	 	+
Griffey Drive	M13	5/24/2011	ľ	3'7.5"		M13-39		1			 	╁┈┤	H	╁	1	┢╧┉	\vdash		1		 	†	 	1			+	+	+	+	 	+
Lynnwood	M13	5/24/2011	 	5'8.5"		M13-40		1			\vdash	 	┟┷┙	╁	╅	1	Н	ļ	 		 		<u> </u>	1		+	+	+	+	+	\vdash	+
Shadow Lane	M13	8/17/2011	1			И13-41B		-			-	 	┢	╁┈┤	\vdash	-	1	-	 	 	 	1		┢		+-	 	+	+	+	 	+
Utopia Utopia	M13	5/24/2011	 	5'1.5"		M13-415	<u> </u>				1	 	-	T	1	-	1		1			 -	ļ	1		1	· · · · · ·	+	+	+	 	+
Utopia	M13	5/24/2011	†	9'11.5"		M13-43		\vdash			1	+	-	 	1				1	-	1	 	<u> </u>	1				+-	+-	+	 	+
Griffey Drive	M13	5/24/2011	†	6'10"		M13-44					 −	1		╁	1	 	\vdash		 	1	1	 		1	1			+	-	+-	 	+
Smithers Drive	M13	5/25/2011	 	6'3.5"		M13-45		1			 	+-	 	 	1		\vdash	┢──		 	-	╁	 	1		+	 .:	+	+-	+	 	十
Jameson Drive	M13	5/24/2011	 	5'7"	- 1 -	M13-46		1			1-	 		1	1	 		 	1	 	 	1		1					+	+	 	+
Smithers Drive	M13	5/25/2011		5'4"		M13-47		1			 	†		†	1			-	1	-		 		1		+		+	+	+	 	+
Cornett Drive	M13	5/25/2011		4'6"	-	И13-47A		-			1	1		t	1		1		1	 	 	1		1		+		\top	+	+-	 	+
Smithers Drive	M13	5/24/2011	 	5'6"		M13-48		1		_	 	1		+	1	 	1	 	1	 		1		1		_		+	+-	+	 	十
Smithers Drive	M13	5/24/2011		5'6"		M13-48		1		-	 	†		┢──	1	 	1	_	1	 	1	T		1		+	1	十	1	+	 	+
Jameson Drive	M13	5/24/2011		10'5.5"		M13-49		H			1	1		 	1	 			1	 	 		 	1		_	7	1	1	+	+	+
Jameson Drive	M13	5/24/2011		10'1"		M13-50		1			1	+	-	1	1	 			1	1	<u> </u>	1		1		_		+	+	+-	+	+
Jameson Drive	M13	5/24/2011		9'5"	1	M13-51				<u> </u>	1	+	1	 	1				1	<u> </u>	1			1		十		1	7-		 	+
Smithers Drive	M13	8/17/2011	1		-	M13-52	┪				1			1			1	—		1		1						1	1	+	<u> </u>	十
Smithers Drive	M13	5/24/2011	1	4'10"		M13-53					1	1		T-	1				1	1	1			1	İ	\top	1	1		+	†	+
Smithers Drive	M13	5/24/2011	1	7'.75"	1	M13-54		1				T		1	1				1				<u> </u>	1		1		1	1	1		十
Smithers Drive	M13	5/24/2011		7'5.5"	-	M13-55					1				1			Г	1		T			1		1		十				十
Alcoa Road	M13	5/24/2011		8'4"		M13-56					1				1				1		1			1		1		\top	1	1	1	十
Smithers Drive	M13	8/17/2011	1			M13-57						1		I			1					1				\top				1		1
Hester Drive	M13	5/23/2011		9'5"		M13-58		1	-			1		1	1	-			1			1		1	İ							1
Hester/Oakwood	M13	5/23/2011		5'9"	—	M13-59		1			1	T		1	1				1			1		1						1		1
Hester Drive	M13	8/17/2011	1		-	M13-60						T					1					1						\top		1		T
Shadow Lane	M13	5/24/2011		5'3"		M13-61					1	1			1				1					1				T		1		1
Shadow Lane	M13	5/24/2011	1	6'11"		M13-62		1			1			1		1		T-	1				1					T	3	1		十
Shadow Lane	M13	5/25/2011		11'1"	-	M13-63				<u> </u>	1	1	1			1			1													1
Shadow Lane	M13	5/25/2011		9'0"		M13-64					1	1				1		Г	1				1			1				1		T
Lynnwood	M13	5/25/2011		4"		M13-65		1			†	1	1						1					1		1		\top		1		1

		,				S	urfac	e Abo	ve Ma	anho	le	N	eed fo	or R	epair			R	epai	r Requir	emer	it			1	T		П				T
						Concrete	Asphalt Pavement	Sidewalk Pavemen									Replace	Bench & Ar	Remove Roots	Replace Cover/Outside			Cementious			Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots	Cover Replaced	æ	Extension	Lining Completed
			Unable		Leak at	Pavemen	Pave	Pave			- 1						Manhole	& Trough or Around Pipe	ove	γ̈́ ν̄	Raise Rim	Seal Rim or Extension	sno			R _E	nd T ed o	Removed	Re	Rim Raised	9	OH OH
	Grid	Date Visually	to		Manhole	ğ	l ä	ğ	Grave	Grass	Wood	None		$_{\sim}$	-	Access	<u> </u>	d P Hgh	8	Replace Outside	Se A	Rim	Lining	Date	e Repair) ac	T P T P	۱ŏ) ac	Rais	or Rim Sealed	1 6
STREET ADDRESS	No.	Inspected	Access	Depth	Number	nt	Ιä	ğ	é	ass	å	ă	1st	2nd	Low	ess	유	ipe Pe	ots	ide	ä	ig q	ing	Con	pleted	èd	ough Hole Pipe	ed_	ë	ě	e ii	<u> </u>
Brookview	M14	8/16/2011	1		M14-C0											1					1											Τ
Penland	M14	5/27/2011	1		M14-CO-	4										1					1											$oxed{T}$
Brookview	M14	6/16/2011		4'8.5"	M14-3					1		1																				
Watson Place	M14	6/16/2011		5'7"	M14-4					1				1				1	1				1									
Alcoa	M14	6/17/2011		4'11"	M14-MH	5				1				1				1	1				1									
Brookview	M14	8/16/2011	1		M14-6											1					1											T
Griffey Drive	M14	6/16/2011		5'11"	M14-7						1	•		1				1					1									
Watson Place	M14	6/16/2011		4'4"	M14-8		1								1			1					1									
Watson Place	M14	6/16/2011		5'1"	M14-9					1				1				1					1			1						Τ
Watson Place	M14	6/16/2011		11'8"	M14-11					1				1				1					1		4							T
Brookview	M14	6/16/2011		5'2"	M14-12					1	\Box	1														Т						T
Brookview	M14	6/16/2011	1		M14-13						1					1					1											Т
Griffey Drive	M14	6/16/2011		3'5"	M14-15						1			1				1	1				1									
Brookview	M14	6/16/2011		6'2"	M14-16	1	1							1				1	1				1									T
Scenic Way	M14	6/16/2011	1		M14-17							П				1					1											T
Watson Place	M14	6/16/2011	1		M14-17/										T	1					1							\Box				T
Brookview	M14	6/16/2011		4'0"	M14-18		T			1					1								1		1	T						T
Penland		5/27/2011		4'2"	M14-19	1									1			1					1									\top
Penland	M14	5/27/2011	1		M14-20	1					\Box					1					1							T				T
Brookview Drive	M14	5/27/2011		2'11"	M14-21	T	1							1				1					1			T						T
Shadow Lane	M14	6/16/2011		6'2"	M14-22					1				1				1	1				1		1	1		1				T
Shadow Lane	M14	6/16/2011		6'3"	M14-22/		1							1				1	1				1			1		1				1
Shadow Lane	M14	6/16/2011		5'4"	M14-22I	3				1		1														T						
Shadow Lane	M14	6/16/2011		.7'0"	M14-23					1		1														1						1
Scenic Drive	M14	6/16/2011		3'6"	M14-24					1				1				1					1					-	1			1
Shadow Lane	M14	6/16/2011		7'3"	M14-25	T				1	\Box	1													İ	T						T
Shadow Lane	M14	6/16/2011		4'11"	M14-26		T				1	1												-			1					1
Brookview	M14	5/27/2011		4'6"	M14-27		1				1				1			1					1		İ	1						T
Brookview Drive	M14	5/27/2011	İ	5'7"	M14-28	1	1				\neg	,		1				1					1				1	1				T
Brookview Drive	M14	5/27/2011		4'4"	M14-29		1					1													1			1				1
Brookview Drive	M14	6/16/2011		4'1"	M14-30	1	1			1	1	71		1	1			1	1		1	- "	1			1	1					T
Watson Place	M14	6/16/2011		3'0"	M14-31		1				1	7	1	1					1				1						1			+
Lynnwood	M14	6/16/2011	1	4'8"	M14-32		1			1		1	_	1				<u> </u>		1						1			f			+
Lynnwood Dr. & Brookview	M14	5/27/2011		4'7"	M14-35	_	1			1		7	\top	+	1			-		<u> </u>			1					1	1			+
Lynnwood Drive	M14	5/27/2011		4'1"	M14-36	_	1	-	1		_	1	\dashv	_	-	\neg			1	1					ì	1			 		ſ	十

.

BENTON UTILITIES SS MAN	T	NEI AIN NE	I	DASIII.		Su	rface	- Abo	ve N	lanh	ole		Need	for R	epai	ir		R	enair	Require	emer	nt				1	$\overline{}$						
			Unable		Leak at	$\overline{}$		Sidewalk Pavement								_	Replace Ma	Bench & Trough or Around Pipe		Cover		Seal Rim or Extension	Cementious			Manhole Replaced	Sealed at Pipe	Bench and Trough	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
	Grid	Date Visually	to		Manhole	em	em	em	Grave	ଦ୍	Wood	ΙŽ			٦	Access	Manhole	nd P	Ro	Replace Outside	se F	Rim	Lining	Dat	e Repai	r Dac	at P	בָּ קַ	[]	[말	Rais	or R Seal	Plet
STREET ADDRESS	No.	Inspected	Access	Depth	Number	ent	l ĝ	l en	é	Grass	ŏ	None	1st	2nd	Low	ess	ole	ipe or	ots	ace ide	Î	ion On	ing	Cor	npleted	<u>i</u>	j pe	<u> </u>	<u>e</u>	èd	ě	e ii	<u>e</u>
Brookview Drive	M14	5/27/2011		6'11"	M14-37					1				1				1		1			1									-	
Brookview Dr/Fairmont Dr.	M14	5/27/2011	1		M14-38					1						1																	
Fairmont Drive	M14	5/27/2011		7'10"	M14-39		1							1				1					1										
Fairmont Drive	M14	5/27/2011		8'5"	M14-40		1		1			-		1				1					1										
Chris Drive	M14	5/26/2011		9'9"	M14-42					1				1				1					1										
Chris Drive	M14	5/26/2011	1		M14-43											1					1												
Chris Drive	M14	5/26/2011	1		M14-44											1																	
Chris Drive	M14	5/26/2011		4'10"	M14-47					1					1			1	1														
Chris Drive	M14	5/26/2011		6'8"	M14-48					1				1				1	1		1		1										
Chris Drive	M14	5/26/2011	1		M14-48A					1						1									ļ								T
Chris Drive	M14	5/26/2011		4'5"	M14-49					1		1													ſ								Т
Chris Drive	M14	5/26/2011		4'2"	M14-50					1		1													l								T
Chris Drive	M14	5/26/2011		3'2"	M14-50A					1				1				1					1		l								1
Chris Drive ROW	M14	6/17/2011		5'11"	M14-51						1	1																				*	T
Chris Drive ROW	M14	6/17/2011		4'8"	M14-51A					1		1															1						
Hicks Road	M14	6/17/2011		6'3.5"	M14-51C					1		1																					1
Hicks Road	M14	6/17/2011		4'5"	M14-51D					1	1				1			1				1					1					***	1
Chris Drive	M14	5/26/2011		1'4"	M14-53	Ì				1					1			1			1												1
Edgehill	M14	5/27/2011		4'4"	M14-54					1		1													i		1		1				1
Edgehill	M14	9/7/2011		5'7"	M14-55					1	İ			1				1		1		1					1						
Edgehill	M14	5/27/2011		7'3"	M14-56					1					1						1		1										1
Edgehill	M14	5/27/2011		10'6"	M14-57	1								1				1					1		1								1
Penland	M14	5/27/2011		8'6"	M14-58		1								1			1					1										
Edgehill	M14	5/27/2011	Ī	9'11"	M14-59		1			1		1	П														T						\top
Chris Drive	M14	5/26/2011		9'11"	M14-60			1	1		1	1																					1
Chris Drive	M14	5/27/2011	1		M14-61	1		1								1					1					1							
Chris Drive	M14	5/27/2011	1	7'5"	M14-62				1	1		1	1														T						T
Edgehill	M14	5/27/2011		9'2"	M14-63	1		1		1				1				1					1										\top
Alcoa Blvd	M14	8/16/2011	1		M14-64			1	1							1		1			1						1						
Chris Drive/Hicks ROW	M14	8/16/2011	1		M14-64A								П			1					1		0				1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					1
Alcoa Blvd	M14	8/16/2011	1		M14-67			1		1			\Box			1					1						T						1
Edgehill	M14	5/27/2011		9'2"	M14-65			1		1				1		1		1					1		-								T
Lynnwood Drive	M14	5/27/2011		5'8"	M14-66					1			1	1		1		1					1		Ì	_							1
Alcoa	M14	6/17/2011		6'4"	M14-68	1				1	<u> </u>		1	1	1	1		1		1													1
Alcoa	M14	6/17/2011		6'11"	M14-69	1	1	1			1	1	1	1	1	1		1	1		1	1				1	1						T

DENTON OTILITIES 33 IVIA	T	l l		BASIN .		S	rface	Ahos	10 M	lanhe	Ja T	N	lood f	for D	onoir	. 1				- <u> </u>							<u> </u>		1			
						1			ve IVI	anno	ле		leed f	ior K	epair			K	epai	r Requi	reme	nt I	1								ı	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	_	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair npleted	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Hicks Road	M14	6/17/2011		6'0"	M14-71		1						#		1	<u>۷</u>	- CD	0 -	ν.	<u> </u>	13	3 3	100	COI	ipieteu	18		0	10	믐	<u> </u>	╬
Watson Place	M14	6/16/2011		7'0"	M14-73					1			-		1			1			+		-		·	 				\vdash		+
Hicks Road	M15	6/17/2011		6'3.5"	M15-1		1					1			-+			-					-			 -		-		├─┤		
Hicks Road	M15	6/17/2011		9'9"	M15-2		1					1								ļ	+		 					-		 		+
Hicks Road	M15	6/17/2011		9'9"	M15-2A		1					-		\dashv	1			1		<u> </u>	+-				 							-
Red Bud Cove	M15	6/17/2011		7'0"	M15-4		1					1			╧╅					ļ	 	 			· · · · · · · · · · · · · · · · · · ·	┼─				-		+
Springcreek Drive	M15	5/17/2011		9'10"	M15-5			- 1		1		1			-						1		ł	·	, , , , , , , , , , , , , , , , , , ,	 		-		\vdash		+
Arbor Cove	M15	6/17/2011		5'11"	M15-6		1					1									+	 			 	 		 		$\vdash \vdash$		+
Barberry Cove	M15	6/17/2011		5'3"	M15-7		1					1											 		 	 			-	┟─┼		+
Spring Creek	M15	6/17/2011		8'5"	M15-8					1					1					<u> </u>	1					 	×		_	\vdash		+
Spring Creek	M15	6/17/2011		5'4"	M15-9					1		1								<u> </u>	† -					 				\vdash		+
Hicks Road	M15	7/15/2011		7'8"	M15-11		1					1			7 1					·	 					 						+
Hicks Road	M15	7/15/2011		7'2"	M15-12		1								1			1		 						 		-		\vdash		+
Hicks Road	M15	7/15/2011		9'11"	M15-13		1					1								***************************************	1					┢		┢				+
Westbury Drive	M15	7/15/2011		7'8"	M15-14					1		1									 					 		<u> </u>		 		+
Westbury Drive	M15	7/15/2011		7'10"	M15-15					1					1					1										-		+
Westbury Drive	M15	7/15/2011		8'10"	M15-16					1		1													 							+
Garden Bend Drive	M15	7/15/2011	1		M15-17											1					1				-							+
Garden Bend Drive	M15	7/15/2011		6'2"	M15-18					1		1																		\Box		+
Garden Bend Drive	M15	7/15/2011		6'1"	M15-19					1		1									1						· · · · · · · · · · · · · · · · · · ·			\Box		1-1
Nantucket	M15	7/15/2011		4'8"	M15-20			1				1	1								1				· · · · · · · · · · · · · · · · · · ·					\Box		1
Garden Bend Drive	M15	7/15/2011		6'2"	M15-21					1		1																				T
Nantucket	M15	7/15/2011		4'10"	M15-22					1	1	1					1															1
Nantucket	M15	7/15/2011		4'6"	M15-23			1	1						1			1							 							1
Garden Bend Drive	M15	7/15/2011		6'10"	M15-24					1		1																				1
Hicks Road	M15	7/15/2011		8'0"	M15-25		1		1			1																				
Hicks Road	M15	7/15/2011		7'11"	M15-26		1								1							1			, r							
Hicks Road	M15	7/15/2011		5'10"	M15-27						1			1				1	1	1		1		l i					П			
Westbury Drive	M15	7/15/2011	1		M15-29							,				1					1									, 		
Westbury Drive	M15	7/15/2011	1		M15-30											1					1									一十	·	1
Westbury Drive	M15	7/15/2011	1		M15-31											1					1						·			, 		\Box
Westbury Drive	M15	7/15/2011	1		M15-32							and the second				1				<u></u>	1				· · · · · · · · · · · · · · · · · · ·					\Box	·	
Westbury Drive	M15	7/15/2011	1		M15-33											1					1									$\neg \dagger$		
Galloway Drive	M15	7/15/2011		5'1"	M15-34					1		1																				
Alcoa	M15	7/15/2011		7'4"	M15-56					1		1													<u> </u>							\top

BENTON UTILITIES SS MAN	NHOLE	REPAIR RE	CORD	BASIN :	10	1 -						 													····		· . · · · · · · · · · · · · · · · · · ·		·	-		
						Su	ırtace	Abov	e M	anho T	le	<u>N</u>	leed 1	or R	epair	<u>-</u>		R	epair	Requir	emer	nt			1							
STREET ADDRESS	Grid No.	Date Visually Inspected		Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	-	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Rep	air	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Nantucket	M15	7/15/2011	7100033	5'8"	M15-57	ļā	 #	ā	<u>"</u>	1	٥	1	- 2 	<u> </u>	<u> </u>	Š I	0	ĎΥ	S	TO 16	3	3 3	l ro	Complet	ea	<u>으 </u>	<u> </u>	10	10	٩	<u> </u>	+=
Nantucket	M15	7/15/2011		7'5"	M15-58	╁	1		-					-+	1								1				 	-				+
Spring Creek	M15	6/17/2011		4'6"	M15-59	-	1		- +	-					1						-		-		-		····	-				+
Alcoa	M15	7/27/2011		10'0"	M15-60	╂			_	1					1			,			1	1		+								4
	M15	7/27/2011		12'6"	M15-61	1	 	1		1					1						1	1						 				
Alcoa Alcoa	M15			14'11"		╂—		\vdash		1	-	-+			1						1		-					├	-	-		+
	<u> </u>	7/27/2011		8'0"	M15-62	╆	-		\dashv	1		1			_			- 1			\vdash					_		-	 	-		+
Alcoa Hiland	M15	7/27/2011 5/17/2011	,		M15-63	-	-			1				1		_		1	1	4			1		∤-	\dashv		-	 			4-4
Backyard	N13 N13	12/10/2010		2'5" 5'5"	N13-13A			3		4		1								1	ļ		-		-			╂—	-	\vdash		+
	N13	12/10/2010		13'	N13-1	1				1		1					-											-				+
North of Benton High Arena		+	-	5'5"	N13-2	1	1			1		1									-							-	┼			4
1015 Montclair School Parking Lot S. of School St	N13 N13	12/10/2010 12/17/2010		13'	N13-3 N13-4	-	1		-			1							-									-	-			+
Cox North of School St.	N13	12/17/2010		5'		1	1	-+		1		1														-		 				+
609 Terry (Backyard)	N13	12/1//2010		3'6"	N13-5 N13-6	-	1		\dashv	-		1													-			┼				+
626 N Border (Backyard)	N13	12/9/2010		6'	N13-6		-			1									-				-			\dashv		+	-		: "	+
611 Terry	N13	12/3/2010		4'	N13-7	1-	-			1 1		1 1																┼	-			+
702 Couch	N13	12/16/2010	1	4	N13-6		1		-+	-+				-+		1					-							╁	1			4-4
610 Terry	N13	12/6/2010	-	8'6"	N13-3		+-			1		1				-									\dashv	\dashv		╁	1			+
North/Adrian	N13	5/17/2011	1	5'11"	N13-10	1	1			-+					1			-		1	-			1	\dashv			╂─	-			+
North/Border	N13	5/16/2011		5'7"	N13-11	-	1							-	1			1		<u>, , , , , , , , , , , , , , , , , , , </u>			1		-			╁	-			+
Between Cox & Hiland Place	N13	12/10/2010		1'5"	N13-12	-	+ +				-1	1			-			+		92-William			1		-			╫	1		·	+
McKelvy & Cox	N13	12/10/2010		8'5"	N13-13		1		_	+	-	1	-												-+			+	-			++
1110 McKelvy	N13	12/10/2010		1'8"	N13-14A	-	+ -		1						1					1							····	+	-	\vdash		+
Cox & Mason		12/10/2010		6'5"	N13-14A	╁	1	-	╧╅			1					-			<u> </u>					-			╫	-			+
Cox	N13	12/9/2011	1	0.5	N13-15	1	+-	\vdash	-+			-				1	-			,	1	,			-+			-	 -			+
Cox St & North	N13	12/9/2010	+	10'5"	N13-10	+	1	-		-	\dashv	1									-		-		-		: ·	 	-			+
North/Dalewood	N13	5/16/2011	 	6'1"	N13-17	1	1	\vdash				1				1									\dashv			+-	1	-		+
Couch/Watson	N13	5/16/2011	1	15'2"	N13-18	1	1	\vdash	\dashv			7		1				1				\	1		\dashv	-		\vdash	 	-		+
Couch & Ward St	N13	12/6/2010		5'6"	N13-19	-	1	+				+1	\dashv							,			-		\dashv			-	_		7000	+
Alcoa Blvd & Couch	N13	12/6/2010		6'	N13-20A	÷		1		1		1		-		-1			\vdash				-	- 	-+		· · · · · · · · · · · · · · · · · · ·	\vdash	 		-	+-
Adrian	N13	5/16/2011		5'10"	N13-20A			-		1		+		-	1		-					1			\dashv	-		\vdash		\vdash		+
Adrian	N13	5/16/2011		4'3"	N13-21	+	1	-	+	1		11		1			\dashv	1					1					 	1	$\vdash \vdash$		+-1
Dalewood & Sunset	N13	12/6/2010	1	4'6"	N13-22	+	1		-	-		1		-				-					<u> </u>					-	\vdash			+-
Sunset & Oakwood	N13	12/6/2010		5'	N13-24	+	1	\vdash	\dashv	-		11	-	\dashv	\dashv		\dashv		-		-		-		+			 	\vdash			+
						+	+		1	_		-		-	1			1		<u> </u>			-					-	+	\vdash		+
705 Oakwood	N13	12/6/2010		8'6"	N13-24A	L	1								1			1														土

BENTON UTILITIES SS MAN	INOLE	REPAIR RE	CORD	BASIN :	10															,						<u> </u>		- 			 _		
							Su	rtace	Abov	ve N	lanho	ole	N	leed	tor R	epai	r		R	epai	r Requir	eme	nt						1	- [
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Ma	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair	1 ()	Bench and Trough Repaired or Hole Sealed at Pipe	Rook and Traush	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Dalewood	N13	5/16/2011		4'1"		N13-25		1		-						1					1	j –		1				T	十		1	T T	十
Dalewood	N13	5/16/2011		3'10"		N13-26		1					1			-						<u> </u>	!				1	+	十	\dashv	1	1	+
Sunset & North	N13	12/9/2010		5'		N13-27		1	\Box		М	\vdash	1									 		 		 	+-	†	十	十	+-	1	+
811 Oakwood	N13	12/6/2010	1	5'4"		N13-28		1					1									\vdash	.				+	†	+	_	1	1	+
Hester	N13	5/16/2011	†	9'5"		N13-29		1				\vdash			1				1			1	 	1		 	┪	+	十	\top	1	<u> </u>	-
Hester	N13	5/16/2011		7'		N13-29A		1			\square	Н			1				1				 	1		1	+-	†	+	+	+	†	+
Southside of Alcoa & Newcomb	N13	12/9/2010		9'		N13-30					1		1																1				
Northside of Alcoa & Newcomb	N13	12/9/2010		9' 7'		N13-31	1									1			1										_				
1642 Alcoa Rd Behind Storage	N13	12/8/2010		5'	 	N13-32		ļ	-		1	 			1				1	_		ļ	ļ	1		1		 	+	_		ļ	
1642 Alcoa Rd Behind Storage Houston & North	N13	12/8/2010	1	4'5"		N13-32A		1			1	 -	1							ļ	ļ	ļ		1		1		 	+		+-	1	+
North & Newcomb	N13 N13	12/8/2010 12/8/2010	ļ	43 9'		N13-33 N13-34		1			┟╌╌┦	 /	1									├				1		+	+	-	-	 	+
North & Hester	N13	12/9/2010	<u> </u>	4'6"		N13-34		1				 	1					-		-	<u> </u>	┼		├ ──	 -	<u> </u>	+	+	-		-	 	
1218 North Street	N13	12/9/2010	<u> </u>	4'6"	1	N13-35		1			 	 -'	┝╧┤		1				1	-		├	 	+	<u> </u>				+	-			-
815 Houston	N13	12/3/2010		2'10"		N13-30		<u> </u>	-		1	┤┤	1	-	-					 	ļ	╂	 	-			+	+	+		+-	-	+
Newcomb	N13	12/13/2010		2'5"	-	N13-37		1					1							-		┼	· · · · · ·	1			+-	+	+		-	-	+
818 Ryan Road	N13	12/10/2010		3'5"		N13-40		1	1		1	╁	1							-		┼	<u> </u>	├			╁	+	+	-	-	 	+
25B Highland	N13	12/8/2010	 	3'5"	-	N13-40	1	-			-	╁	1		1					├		\vdash		-	-	1	+	+	+			+-	╁
1808 Doris Cove behind fence	N13	12/10/2010		4'		N13-43	-				1		1								,					1		1					
705 Ryan	N13	12/10/2010		9'5"		N13-44		1				П	1									†		1		Ì	†		\top	\top			+
722 Houston		12/10/2010		1'8"		N13-45		1					1							1							1	1	十	1	1		十
801 Newcomb behind House	N13	12/17/2010		4'10"	1 1	N13-46					1		1											1		İ	1	1	\top	1			1
700 Houston	N13	12/10/2010		5'		N13-47		1					1							1					·	İ	1	1	十	\top	1		+
607 Newcomb Behind House	N13	12/17/2010		4'5"	 	N13-48					1					1			1			T			l	<u> </u>	1		十		1		+
610 Houston	N13	12/16/2010		8'		N13-49		1			П		1									1			1		\top		+	\top	1		+
Newcomb & Newcomb Ct	N13	12/13/2010		5'		N13-50		1											1							Í <u>.</u>	1_		1		1	1	1
Newcomb Circle	N13	5/16/2011		6'3"		N13-51		1					1																1		1		1
617 Newcomb in Back Yard	N13	12/17/2010		4'		N13-52					1		1						-										\top				1
3913 Hiland Place	N13	12/8/2010		10'		N13-53					1		1			1			-		1								\top	\top	T		T
35 Hiland Place	N13	12/8/2010		4'6"		N13-54				*****	1		1				- 1												1				T
32A Hiland	N13	12/8/2010		5'		N13-55	1		П				1																\top				T
Newcomb	N13	5/16/2011		8'2"		N13-56		1				Γ				1			1							ĺ			\top				1

BENTON UTILITIES SS MAN	HOLL	TEPAIN NE		BASIN :		Su	rface	Abov	e Ma	nhol	. 1	N	eed f	or R	enair	1		Re	enair	Requir	emer							Ι.				
								1	I	I	+	-	eeu II	1	- Pail	+			Chail	nequil	emer	11										
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	151	2nd	Low	_ 1	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
296 Hiland	N13	12/8/2010		3'	N13-57	1						1	Ť		7	T	1		<u> </u>	35 .5						Ī		Ī	T			
Whitlock	N13	5/16/2011		5'2"	N13-58		1		_		+	_	-+	1		1	1	1					1	05	/20/11	1	1					1
Whitlock	N13	5/16/2011		4'10"	N13-59		1	- 1	1	-	1	+		1	-	_		1					1			1		 				1
Whitlock	N13	5/16/2011		10'2"	N13-60		1		十		十	1	一十	_		7								· · · · · ·		1		1	1		<u> </u>	
Houston/Whitlock	N13	5/16/2011	<u> </u>	7'	N13-61		1		_	_	1	1	_	_	-	7										1		1	1	\Box		†
Newcomb	N13	5/16/2011		2'11"	N13-62		1		1		1	寸	_	1	$\neg \uparrow$	7		1		· · · · · · · · · · · · · · · · · · ·			1		1	1						1
509 Houston	N13	12/10/2010		3'6"	N13-64	H	\vdash	 	+	1	\dashv	$\overline{}$	\dashv	-	1	1		1	1				<u> </u>			1	 	1	†	\vdash		
333 335					1,125 6 7				_	-	1	\dashv		\neg		1		-			-	<u> </u>			1	1		1		\Box		1
Across from 501 Houston in field	N13	12/16/2010		5'10"	N13-65						1	1	1																			
511 Bowes	N13	12/16/2010	1	3'5"	N13-66				一十	1	1	1				1					1				-							
Whitlock & Bowers Drive	N13	12/15/2010		8'6"	N13-67		1					寸		1		1		1					1	05	/05/11		1					1
Carson & Whitlock	N13	12/16/2010		6'	N13-68		1		-1		T	1			T											1		1				
614 Doris Cove	N13	12/15/2010		5'	N13-69		1	1	T	_	1	一	1		1	7		1			1		1		Ì	1		1	1			
800 Ryan	N13	12/10/2010		9'2"	N13-70				一十	1		1				1					T					1		1	T			
Corner of North & Fernwood	N13	12/8/2010	 	4'	N13-71				1	1	1	7	1		1						1				İ				\top			T
900 Fernwood	N13	12/8/2010		4'3"	N13-72				寸	1	1	1		7		_									1	1						T
921 Benbrook	N13	12/10/2010	1	5'8"	N13-72A				寸	1	7	1								100 100 100					1	1						
Hicks Road	N14	†	1	5'	N14-1	1					7	1			1	寸																1
Brookfield	N14	5/19/2011		4'4"	N14-2				1	1	7	\neg			1			1	1			<u> </u>		1	1							T
Whitlock	N14	5/17/2011		4'8"	N14-3		1		1		T	1				7												1				\top
	N14	5/19/2011	1	6'5"	N14-4					1					1	1		1			1	1						1	\Box			1
Whitlock	N14	8/17/2011	1		N14-5											1					1											1
Whitlock	N14	5/17/2011	1	5'0"	N14-6		1							1				1					1									
Rosewood	N14	5/17/2011		4'10"	N14-7	1								1		1		1					1									
Wanda	N14	5/17/2011		4'5"	N14-8	1			一	1	寸	\top		1				1					1		1				T			T
Wanda	N14	5/17/2011	1	4'6"	N14-8A				1	1	1				1			1							1	T						Π
Cherry Crossing	N14	5/18/2011		5'3"	N14-9	1			1		1	1				1												I				I
Cherry Crossing	N14	5/18/2011		5'	N14-9A				1	1	7	1																				
Cherry Crossing	N14	5/19/2011		5'7.5"	N14-10						1	,			1							1										
Fernwood	N14	5/17/2011		8'10"	N14-11					1				1				1					1									
Fernwood	N14	5/16/2011		6'7"	N14-11A					1		1																				
Fernwood Cove	N14	5/17/2011		5'4"	N14-12		1					1			1			1														
Fernwood Cove	N14	5/17/2011	1	5'6"	N14-13				1	1				1				1					1									
Fernwood Cove	N14	5/17/2011	1	2'11"	N14-14					1				1				1		1			1									
Fernwood	N14	5/17/2011	1	5'10"	N14-15				一	1		1				i																

		KEPAIK KE		BASIN		Sii	rface	Δho	e Mar	holo	т-	Need	for	ona:	_ 1	_			-						, 	T		,			
	1						race		I	T	╁	T	IOT	repail			<u> </u>	repai	r Requir	emer	nt	,								1	Ī
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Wood	· None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Fernwood	N14	5/17/2011		7'6"	N14-16		1						1				1					1					十一	 			<u> </u>
Fernwood	N14	5/17/2011		7'11"	N14-17		1				T			1			1	`									 	╁			
Rosewood	N14	5/17/2011		6'4"	N14-18				1				1				1					1					+	\vdash			_
Doris	N14	5/17/2011		5'5"	N14-19	1					1																+	 	$\vdash \vdash \vdash$		
Desoto Place	N14	5/17/2011		4'2"	N14-20	1				1	1				_												+	-	\vdash		
Rosewood/Doris Drive	N14	5/17/2011		8'5"	N14-21		1				1															 	+				
Doris Cove	N14	5/18/2011		3'10"	N14-22		1			1	1	1		\dashv								\vdash	_				+		\vdash	\longrightarrow	
Doris	N14			4'7"	N14-23		1			\top	1			1			-					1					 		\vdash		
Doris	N14	5/18/2011		9'4"	N14-24		1			1	1			1								1					 		\vdash		
Brookfield	N14	5/19/2011		5'0"	N14-25				1	1	1			1			1				1	1			-		┼┈		┌─┤		
Doris	N14		1		N14-26				1		1		\vdash		1		_			1		\vdash		<u> </u>	-		 	-	\longrightarrow		
Rosewood	N14	5/18/2011		6'2"	N14-27				1	_	1			1	_		1	1							\vdash		╂'				
Rosewood	N14	5/17/2011		6'10"	N14-28			1		1	1			1			1	1		1		\vdash					+-	_			
Desoto Place	N14	5/18/2011		6'1"	N14-29				1		1							-		╧┪					\vdash	 	╂─┤	-			
Fernwood	N14	5/18/2011		5'4"	N14-30				1	_				1			1	1									╂╌┦	\vdash			
Rosewood	N14	5/17/2011		6'4"	N14-31				1		1			-+				H							\vdash		\vdash			-	
Edgehill	N14	5/17/2011		10'3"	N14-32		1	1			1			_													+-				
Edgehill	N14	5/20/011		5'1"	N14-33A			寸		1	1									\dashv				[]:			+-	\vdash			
Rosewood	N14	5/17/2011		5'6"	N14-35				1	1				1				-			1		·		-		╂—┦		\rightarrow		
Edgehill	N14	5/18/2011	Î	4'9"	N14-39				1	_	1		1		_	- 1	1			1		1	-				╂─┤				
Alcoa	N14	5/18/2011		6'9.5"	N14-39A				1	_	1		1	1	-	_	1					1					╂—┦				
Edgehill	N14	5/18/2011		7'6"	N14-40				1		1	1	-	1				\vdash				1					\vdash				
Edgehill	N14	5/18/2011		5'1"	N14-41			1	1		1	1	1	1		-	1					1					\vdash		\dashv	\longrightarrow	
Edgehill	N14	5/18/2011		10'3"	N14-42			_	1	+	1			1	1		1		1					•			\vdash		\rightarrow		
Cherry Crossing	N14	5/18/2011		6'0"	N14-46	1		\top	<u> </u>	1	1	\vdash		1	\dashv	\dashv	1	\vdash	-			-1					$\vdash \vdash$		-		
Cherry Crossing	N14	5/18/2011		4'6"	N14-47	1		_	+	\top	1	f		-	+												\vdash		\dashv	\longrightarrow	
Shaker Ridge	N14	5/19/2011		4'8"	N14-48			_	1	1	1	1 1		1		\dashv				\dashv									\rightarrow		
Shaker Ridge	N14	5/19/2011		4'11.5"	N14-49				1	1	1	1		-		-		\vdash		+							 		\rightarrow		
Brookfield	N14	5/19/2011		6'1.5"	N14-50			_	1	T	1	1 1		1	-+		1										$\vdash \dashv$		\dashv	-	
Brookfield	N14	5/19/2011		8'0"	N14-51		- 1	十	$\frac{1}{1}$	+-	1	 		1	\dashv		1		-	\rightarrow	1			-			\vdash		\dashv		
Stoneleigh	N14	5/19/2011		5'4.5"	N14-52	\vdash	1	十	$\frac{1}{1}$	+-	1	† – †	- +	+	-	-+	- 	┤		\dashv					_+		$\vdash \dashv$	-		\longrightarrow	
Shaker Ridge	N14	5/19/2012		6'3"	N14-53		_	\dashv	$\frac{1}{1}$	+	1	 	-+	1	┪	\dashv	1	-				-,					$\vdash \vdash$		\dashv		
Shaker Ridge	N14	5/19/2011		5'1"	N14-54		-	_	1	+-		┝╼┤	-+	1	\dashv	_	1	1				1					$\vdash \vdash$		\dashv		
Cherry Crossing	N14	5/18/2011		5'1"	N14-55	1		\dashv	+-	+	1			+	\dashv	\dashv	1					\dashv					$\vdash \vdash$		_		
Cherry Crossing	N14	5/18/2011		5'10.5"	N14-57	-	-+	_	1	+-	 	┝╼┤		1	\dashv	\dashv	1			- +									\dashv		

						Sı	ırface	Abo	ve Ma	nhole	T	Nee	d for	Rep	air	Т		Repai	ir Requir	eme	nt		- 		1		Γ	_			_
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pav		Grass					No Ac	Replace Manhole	Bench &	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Cherry Crossing	N14	5/19/2011		5'11.5"	N14-58	f			-		+	4	+	1 3	16	10	105	<u> W </u>	lo ö	13	3 3	1 60	Com	pleted	à	<u>6 6 7</u>	<u>lă</u>	قا	لقر	<u> </u>	¥ë
Cherry Crossing	N14	5/19/2011	1		N14-59				\dashv		+	+-	╁╴	ተ	1	╁	+	-	 	1		-					├		\vdash	——	$oldsymbol{\perp}$
Cherry Crossing	N14	5/16/2011		6'5"	N14-61				$\neg +$	1	╅	+	╅	+-	╅	1	 	╁		1			-	-	-		_		$\vdash \vdash$		╄
Cherry Crossing	N14	5/19/2011		5'10"	N14-62		1		_	1	1	, 🕂	╅	╁÷	+-	╁	1	┼		-	1		1				├				4
Cherry Crossing	N14	5/18/2011		6'10"	N14-63					1	1		+	+	+	-	+	\vdash	 	-					-		ļ	\square			4
Great Hill	N14	5/19/2011		5'11"	N14-64				_	1	1	-	+-	╫	+-	┢	 	-	 									\vdash			$oldsymbol{\perp}$
Great Hill	N14	5/19/2011		5'1"	N14-65	1			_	1	+	+	+	1	+	1	1	1	 		1	\vdash	1		\vdash		-	\vdash			4
Cherry Crossing	N14	5/19/2011		5'10"	N14-66	1			\dashv	_	1	+	+	1	+	\vdash	1	 		\vdash	1	\vdash	-		-			\vdash			+-
Cherry Crossing	N14	5/19/2011		6'11"	N14-67					1	1	+	+-	1 1	+-	┢┈	╁╧	 		-	1				-	· · · · · · · · · · · · · · · · · · ·	_	\vdash			╀
Brookfield	N14	5/19/2011		5'2"	N14-68					1	十	+	1	$\frac{1}{1}$	+	┢	-	 			1	\vdash					 	\vdash			╄-
Edgehill	N14	5/19/2011		7'9"	N14-70					1	+	1	+-	1 1	+-	┢	 	-		-	1	\vdash	-		\vdash		-				╄
Edgehill	N14	5/19/2011		6'4"	N14-71					1	1	1	1	╅	T	1	1	 		-		1	-						\dashv		\vdash
Edgehill	N14	5/20/2011		8'9"	N14-72					1	1		+-	t	†-	1	 	-				-			-				\rightarrow		\vdash
North off of North Street	N16	12/8/2010		4'	N16-63					1	1	_	十	1	1	1				\vdash			- +						\dashv		╂
Harmon ROW (8)	014	12/10/2010		4'5"	014-?					1	1		1	1	†	1		1				\vdash	- +				-		\rightarrow		╁
Harmon	014	12/10/2010		3"	014-1		1			1	1		1	1	1	1			-					-	\vdash		-		-		
NONE	014	12/6/2010		6'10"	014-2					1	1	 -	\top	T	1					\vdash			1.	- 1	\vdash		-	\longrightarrow			╁
	014		1		O14-2A							\top	1	1	1		†			1							\vdash	\rightarrow	\dashv		╀
Harmon ROW (8)	014	12/10/2010		7'5"	014-3					1		1	†	1	-		1		1							17		\dashv	\rightarrow		╀
Harmon ROW (8)	014	12/13/2010		4'7"	014-5					1	1		1	1			 	-	-				- -	 			\vdash	\dashv			⊢
	014	12/10/2010		6'10"	014-6		1				1	1	1	1			1					1	04/1	9/11		1			\dashv		H,
Harmon Dr/Shari	014	12/10/2010		3'10"	014-7		1					1	1	1			1					1		9/11		1		\dashv			+
Shari	014	12/10/2010		4'5"	014-8			1						1			1					-	04/1	3/11				\dashv	\dashv		┝╌
Shari	014	12/10/2010		6'9"	014-9		1				17			1			1										-	\dashv	\dashv		<u> </u>
Harmon	014			5'9"	014-10		1					1	1	1			1					1	04/1	9/11		1	-	\dashv	\dashv		1
Harmon Dr/Harmon ROW	014	12/10/2010		4'1"	014-11			1			T		1	1			1		1			-	- 1/1-	-,				\dashv	+		┝╧
Harmon ROW (8)	014			6"	014-12					1	1												- 		-			-+	+		-
Harmon ROW (21)	014	12/9/2010		7'	014-13					1	1																-	\dashv	+		-
Harmon ROW (21)	014	12/10/2010		6'4"	O14-13A					1	1		1	1.											\dashv		-+	\dashv	+		—
Harmon ROW (21)	014	12/10/2010		UTO	O14-13B					1	1		1										-		-+			+	+		-
Harmon ROW (21)	014	12/9/2010		6'9"	014-14					1	1	T^{-}											- i		-			\dashv	+		<u> </u>
Pleasant Holly Drive	014			6'3"	014-15					1	1				1										+		\dashv	+	+		\vdash
. Harmon ROW	014	5/20/2011		7"	014-16					1	1									$\neg \uparrow$		$\neg \uparrow$	1		+		\dashv	+	+		_
Harmon ROW (21)	014	12/9/2010		5'3"	014-17					1	1	1								\neg					\dashv			+	-+		_
Benton Parkway	014	12/6/2010		10'10"	014-18			1		1	1		1												-+		-+	+	+		_

	1					Su	rface	Abo	ve Mai	hole	L	Need	for F	Repair	r i		F	Repai	r Requir	emer	nt		Γ							Т	_
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Donth	Leak at Manhole	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Wood	None	1	2nd	Low	No Access	Replace Manhole	Beno		Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		e Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Benton Parkway	014	12/6/2010	Access	Depth 8'6"	Number 014-19	12	급	루	<u> </u>	18	16	1st	<u>آم</u>	٤	SS	ė	8 9	<u> </u>	<u> </u>	<u> j</u>	3 9	<u></u>	Coi	mpleted	e.	gh ble pe	e	ed	ed	<u>g</u> <u>a</u>	ed
Kelso Circle	014	12/6/2010		16'6"			1		-		+	-								 				<u> </u>	<u> </u>	<u>-</u>	<u> </u>				
Kelso-End of Road ROW	014	12/6/2010		4'11"	014-20	-	1	\vdash		+-	1_			1			1	1		ļ											
ROW Rail Line Kelso	014	12/9/2010		7'4"	014-21			-		1	-	-										\sqcup		1							
ROW Rail Line Kelso	014	12/9/2010		9'4"	014-22	_				$\frac{1}{1}$	_	-		1			1	_													
Benton Parkway	014	12/3/2010		9'4"	014-23 014-24		H			1	-	+-		1			1	1						1	igsquare						
Benton Parkway	014	12/6/2010		5'10"	014-24	-	_		-+:	+	1	+				_		-	ļ	-	 				\vdash		<u> </u>				
Benton Parkway	014	12/6/2010		11'3"	O14-26 (BR)		1			-	1	-																	-		
Benton Parkway	014	12/6/2010		4'	O14-26 A	_	1		1	-	1 1	-							<u> </u>			\vdash							_		
Benton Parkway	014	12/6/2010		8'11"	014-20 A					1	1	+						-	ļ					1					\rightarrow		
Kelso Circle	014	12/6/2010		11'1"	014-27	-	1			+-	$\frac{1}{1}$	+						-		-		-									
Kelso Circle	014	12/9/2010		5'9"	014-29		1	\vdash		-	1 +	+	-					-		\vdash				<u> </u>	\sqcup			\vdash			
Kelso Circle	014	12/9/2010	 	12'1"	014-30					 _	╁	+	Н	1			_		1	\vdash		\vdash	ļ	1							
Kelso Circle	014			5'2"	014-31						1	+		-	-			-	1	\vdash	·			1 <u>.</u> 1.	\vdash						
Pleasant Holly Drive	014	12/6/2010		5'2"	014-32				- 1	-	1 1	+		-	-								-	1							
Gattin	014	12/6/2010		8'	014-33		1	 		+	1 1	+						-				\vdash		1					\dashv		
Pleasant Forest Drive	014	12/6/2010		7'	014-34		H			+-	1	+	Н	-+		-		\vdash]							
Pleasant Forest Drive	014	12/6/2010		7'7"	014-35					-	1	╅	\vdash	-+			_	\vdash		\vdash				<u> </u> -			-	\vdash			
Pleasant Forest Drive	014	12/6/2010		5'1"	014-36		-	 		_	1	+-	\vdash	\dashv	\dashv	H	-	\vdash		\vdash		-		1				\vdash			
Pleasant Forest Drive	014	12/6/2010		8'4"	014-37				1	+	1 1	+	\vdash	-+				\vdash					,	!						- $+$	
Pleasant Holly Drive	014	12/6/2010		5'2"	014-38				_	1	+-	1	\vdash														\vdash			-+	
Benton Parkway	014	12/6/2010		8'4"	014-39					1	-	+-	\vdash	-+		-		\vdash			_,			1	\vdash		\vdash		\dashv		
Benton Parkway	014	12/6/2010		8'3"	014-40				\dashv		1	+	\vdash	\dashv	\dashv			\vdash	_										\dashv	\longrightarrow	
Benton Parkway	014	12/6/2010		11'6"	014-41		1			†	1	_	\vdash	$\overline{}$				\vdash		\vdash							\vdash			\longrightarrow	
Benton Parkway	014	12/6/2010		11'3"	014-42	-	1	\vdash	\dashv	+-	1				-	-		\vdash													
Benton Parkway	014	12/6/2010		11'4"	014-43		1		+	1	1	_		_	-1		-	H		-		\vdash					-				
Gattin	014	12/6/2010		7'5"	014-44		1			1	1	+		_					-			\vdash			 				+		
Gattin	014	12/6/2010		- 5'1"	014-45		1				1	1		1		. ,		\vdash		\vdash				:			$\vdash \vdash$		\dashv	-+	
Gattin	014	12/9/2010		5'2"	0014-46		П		1	1	1	+	\vdash		1							-			\vdash				+		
										1	T	1	 	+	一		<u>.</u>		-	\vdash											_
Totals			124			33	232	21	12 50	1 66	403	3 3	154	265	124	2	255	47	32	90	140	191			0	5	0	0	0	0	5
Total No. Manholes	949																							1	\perp			-			-

Total No. Manholes

949

BENTON UTILITIES	33 IVIAI	NHOLE KEP	AIR REC	י עאט.	BASIN	111								<u> </u>													-						
							Su	rface	Abo	ve M	anho	le	N	leed f	for Re	epair			Rep	oair F	Requiren	nent											
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Worth Ave	A-18	1/8/12		8'3"	Α	18-1					1					1							1						Ī				Г
Worth Ave	A-18	1/8/12		9'7"	Α	18-2					1		_1	\Box																			Γ
Nassau	A-18	1/8/12		7'	Α	18-3					1		1																				Γ
Nassau	A-18	1/8/2012		6'9"	Α	18-4		1								1							1				1	*					Γ
Worth Ave	A-18	1/6/2012		8'6"	Α	18-5					1		1													F							Г
Worth Ave	A-18	1/6/2012		8'8"	Α	18-5A					1		1																				Г
Atlantic	A-18	1/6/2012		6'11"	Α	18-6					1		1														1						Г
Atlantic	A-18	1/6/2012		5'8"	Α	18-7		1								1							1			-							Г
Pierce Manse	A-18	1/6/2012		9'2"	Α	18-8					1		1													1							Г
Pierce Manse	A-18	1/6/2012		7'7"	Α	18-8A						1	1																				Г
Wheatland Cove	A-18	3/25/2013		7'7"	Α	18-9						1				1						1			03/2	25/13					1		Г
Wheatland Cove	A-18	1/6/2012		9'8"	Α	18-10					1		1	\Box																			Г
Wheatland Cove	A-18	1/6/2012		6'5"	Α	18-11						1	1																				Г
Peacefield Cove	A-18	1/6/2012		18'6"	Α	18-12					1		1																				Г
Peacefield Cove	A-18	1/6/2012		11'2"	Α	18-13			-		1		1																				Г
Pierce Manse	AA-18	1/6/2012		10'1"	AA	18-1					1		1																			-	Г
Pierce Manse	AA-18	1/6/2012		15'3"	AA	18-2					1		1																				Г
Pierce Manse	AA-18	1/6/2012		6'11"	AA	18-3	1							\Box		1							1										Г
Pierce Manse	AA-18	1/6/2012		18'2"	AA	18-4		1			1		1													1, .							Г
Pierce Manse	AA-18	1/6/2012		6'	AA	18-5					1					1						1	1			1							Г
Moticello Dr	AA-18	1/6/2012		7'	AA	18-6		1								1							1										Г
Pierce Manse	AA-18	1/6/2012		16'3"	AA	18-7				1			1													1							厂
Pierce Manse	AA-18	1/6/2012		13'8"	AA	18-8					1		1	\Box																			Γ
Wheatland Cove	AA-18	1/6/2012		5'9"	AA	18-9					1		1													ľ							Г
Wheatland Cove	AA-18	1/6/2012		5'11"	AA	18-10					1				1							1	. 1	3		ž.							
Wheatland Cove	AA-18	1/6/2012		5'10"	AA	18-11					1		1												. A	1							
Pierce Manse	AA-18	1/6/2012		5'8"	AA	18-13					1		1	į			,									F							Г
Pierce Manse	AA-18	1/6/2012		6'3"	AA	18-14					1			i		1							1			-						······································	Г
Pierce Manse	AA-18	1/6/2012		6'11"	AA	18-12				1			1	3	2	\neg							James									<u> </u>	Γ
Pierce Manse	AA-18	1/6/2012		5'8"	AA	18-15					1			Y .		1			1				1										Γ
Moticello Dr	AA-18	1/6/2012		6'3"	AA	18-16					1			- 2		1							1			[Γ
Moticello Dr	AA-18	1/6/2012		6'8"	AA	18-17					1			-		1							1										Γ
Mt McGregor	AA-18	1/6/2012		6'5"	AA	18-18					1		1											12.0				The second secon				ا تېتالىغە دەرىسىي	40.00 m /
Pierce Manse	AA-18	1/6/2012		9'11"	AA	18-21					1			. :		1							1			1	L						Γ
Hermitage Dr	AA-18	1/6/2012		3'11"	AA	18-22		1				1		l I		1							1			Ī							Γ

	T	NHOLE REP	T		BASIN	1 11	S ₁	rface	e Abc	wo N	tanh	مام	Γ.	Mood	for P	onai	. 1		Po	noin	D				_	<u> </u>	_	7	,				_
								Tace	T	ve iv	iaiiii) ie	 '	veed	for R	chall			ке	pair	Requirer	nent	т			1							
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	М	eak at anhole umber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	151	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Hermitage Dr	AA-18	1/6/2012		8'8	AA	18-23			Ī		1		Ť			1	<u> </u>		<u> </u>	1	1 10 10		1	1 00		l	╁╩	_ (0 (0)	+=	10		<u> </u>	屵
Pierce Manse	AA-19	1/6/2012		13'3"	AA	19-1	T				1		-			1		\vdash	1	†	1	1	 			1	+		1				+
Pierce Manse	AA-19	}		9'11"	AA	19-2	1	1	1			1	1			-		-	<u>-</u>	╁		 -	 			1	╁		╁┈	-	-		\vdash
Pierce Manse	AA-19	+		3'3"	AA	19-3		1			1		1	1						†	+	1	-		····	1	+		┼		-		+-
Pierce Manse	AA-19			6'4"	AA	19-5		1				1	1			- 1				1	1	 	 			1	+		╁	-			+
Pierce Manse	AA-19	1/6/2012		6'	AA	19-6		1	1			<u> </u>	 			1	_			1		 	1			-	+		-	-			╁
Pierce Manse	AA-19			7'1"	AA	19-7	t	✝▔			1		┢	\vdash		1				1	 	1	 	\vdash		.	+		1		\vdash		+
Springhill	AA-19	<u> </u>		4'7"	AA	19-8	1			1	_		1	\vdash	\vdash	-	\neg			1	 	╁	 	\vdash		-	+	-	┼		\vdash		\vdash
Worth Ave	B-18	1/10/2012		7'3"	В	18-1		1	1	_		1	1			- 1	-	\vdash	 	+	 	 				1	+		╂─	 	\vdash		\vdash
Worth Ave	B-18	1/8/2012		7'	В	18-2	1	Ť	 		1		ΙŤ			1	-		1	+-	 	1				1	+-		+	 	\vdash		+
Worth Ave	B-18	1/8/2012		6'9"	В	18-3	t	1	1		1	 	1	Н			\dashv	\vdash		†	 	┢		\vdash		1	+		╂	1			+
Worth Ave	B-18	1/8/2012		7'4"	В	18-6	T	1	1		1		1			-				+	1	\vdash				1	+-		+	-	+		+
Pacific	B-18	3/25/2013		8'1/2"	В	18-7		 			1		H			1				\vdash	1	1		-	U3/	25/13	+		╫	-	1		┼┈
Pacific	B-18	1/8/2012		8'2"	В	18-8	1				1		1			-				1-	 	 -			03/	23/13	+-		╁		-+		╁
Worth Ave	B-18	1/8/2012		7'4"	В	18-9		 			1		<u> </u>			1			1	+	 	╁					1		\vdash	-			╀
Palisades	B-18	3/27/2013		5'6"	В	18-10			1		1				-	1				 	 	1	 	\vdash	03/	2 <mark>7/13</mark>	+		╂—	-	1		₩
Palisades	B-18	1/8/2012		8'6"	В	18-11	1	-	1		-		1		1					+	 	+		H	03/	27/13	+-		1		-+		╁
Worth Ave	B-18	1/8/2012		7'8"	В	18-12	 	 	 -		1	-	1		\vdash	_				+	 	-	-	H		1	╫		 		\dashv		⊢
Palm Beach	C-18	10/11/2011		6'	c	18-1	┢	 	\vdash		1		1			1	-			+-	 	-		H		1	┼		-				╀
Palm Beach	C-18	10/11/2011		9'10"	С	18-2		1	_		1		1	-		\dashv	-			 	1	\vdash				1	┼		╂		-		-
Palm Beach	C-18	4/17/2013	1	6'8"	c	18-3	-	 	-	-	1		┢		1	1				+		1			04/	17/13	+		╂	\vdash	1		├-
Palm Beach	C-18	10/11/2011		7'2"	c	18-4	<u> </u>		 		1	1	1	\vdash	\vdash					-	 	+ -		$\vdash \vdash \vdash$	04/.	1/13	+			-	1		-
Palm Beach	C-18	10/11/2011	1	9'9"	c	18-5	I		-		1		1	\vdash		-+	;			+				H			+-		-			-	\vdash
Palm Beach	+	10/10/2011		6'8"	c	18-6	—	1	1		1		1				\dashv			1	-	+				1	-		-	\vdash		•	-
Palm Beach		10/10/2011	 	9'7"	c	18-7	1	 	1		1	 	1	H	 	\dashv				+	 	+-	-	\vdash		1	╂		-	H	-		\vdash
Palm Beach	C-18	10/11/2011		7'6"	c	18-7B	-	_			1		1						<u> </u>	╫		╁		\vdash		} 	-			\vdash			⊢
Palm Beach	C-18			6'3"	c	18-8	 				1		H		\vdash \dagger	1		-	1	+-	+	+-	<u> </u>		-	<u> </u>	1-		-	\vdash			-
Palm Beach		10/11/2011		5'4"	c	18-9			\vdash		1	 	1		\vdash	-				+	+	\vdash		\vdash		}	-		-	-	+		\vdash
Worth Ave	C-18	3/26/2013		7'8"	c	18-10	1				1	-	1		\vdash					1	 	 	 			<u> </u> 	-		-		+		\vdash
Worth Ave	C-18	10/11/2011		9'7"	c	18-10A		_	-	1	┝╧		广		 	1	\dashv	-	1	+	 	1		\vdash		├	 		-		-+		-
Worth Ave	C-18	10/10/2011		8'1"	c	18-11	\vdash	_	1	<u>-</u>	1	-	1	1	\vdash	-	\dashv	-		\vdash	 	Ė	 	\vdash		 	-		-	\vdash			\vdash
Union Square	C-18	10/10/2011		6'4"	c	18-12	-		-	-	1	-	1		 	\dashv		\dashv	-	+-	 		 -	\vdash		1	1-		+ -		+		\vdash
Palm Beach	C-18	10/10/2011	 	7'3"	c	18-13	 	-			1	-	1	H	\vdash	\dashv	\dashv			\vdash	 					}	-		-		\dashv		\vdash
Palm Beach	C-18	10/10/2011	 	8'2"	c	18-14	\vdash	-			1	 	1			-				+	 			-		1	-		-	 	-+		\vdash
Palm Beach	+	10/10/2011		10'1"	c	18-15		-		\vdash	1	\vdash	1	┢┼┨						┼─	· · · · · · · · · · · · · · · · · · ·		-	$\vdash \dashv$		-	-		 		-+		

2 of 16

BENTON UTILITIES	1	THE REP	AIN NEC	OND	T	N 11	l c	-f	A L	- 14							1													
						•	1	тасе	Abov	е Ма	nnole	4	Nee	d for	Repa	ir	1_	Re	pair	Requirer	nent		,							
STREET ADDRESS	Grid No.		Unable to Access	Depth	N	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Wyood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Repai Completed	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed
Palm Beach	C-18	10/10/2011		10'	С	18-16					1	1	T	T	1									1	十	T 3	屵	┿	H	2 3
Palm Beach	C-18	10/10/2011		6'5"	С	18-17	1					1	. T								<u> </u>	 			+	 	╁┈	 	┢─┦	
Palm Beach	C-18	10/10/2011		9'7"	С	18-18					1				1			1				ļ			+	 	+	+		
Worth Ave	C-18	10/10/2011		6'2"	С	18-19					1	1	.	1			1								+	<u> </u>	+	 	$\vdash \vdash \vdash$	
Palm Beach	C-18	10/10/2011		8'7"	С	18-20					ı	1	1	1	1		1		 -		1	1			+	 	+	+	\vdash	
Worth Ave	C-18	10/10/2011		11'3"	С	18-21					1	1	.	1						<u> </u>	<u> </u>	 			+		┼	 	 	
Palm Beach	C-18	10/10/2011		9'6"	С	18-22					i	1	1		1	1		1					1		+-		₩	 	igwdot	
Worth Ave	C-18	10/10/2011		8'9"	С	18-23	1					1	. 1	1			1			1	-	<u> </u>			+		├ ─	╁─┤	\vdash	
Worth Ave	C-18	10/10/2011		8'10"	С	18-24					ī		1		1	1			-		1	<u> </u>	\vdash		+-	 	 	├ ─┤	\vdash	
Lexington	C-18	10/7/2011		7'5"	С	18-25						1		1		1					-				+-		┼	-	$\vdash \vdash \vdash$	
Worth Ave	C-18	10/10/2011		9'8"	С	18-26						1		1		1			 						+		 	\vdash	 	
Lexington	C-18	3/26/2013		5'2"	С	18-27							1	1	1					-	1		\vdash	03/26/13	+		 	\vdash	\vdash	
Lexington	C-18	10/7/2011		6'1"	С	18-28						1												03/20/13	+-		 	\vdash	1	
Union Square	C-18	10/7/2011		6'1"	С	18-29						1	. 1		1	1			-						+		 	\vdash	\vdash	
Union Square	C-18	10/7/2011		8'10"	С	18-30							1		1	1					1						 	-	\vdash	
Worth Ave	C-18	10/10/2011		13'8"	С	18-31						1	. 🕇 🗆								_				+		-	\vdash	┝─┤	
Union Square	C-18	10/7/2011		10'5"	С	18-32					-	1	-		1	-									+-	 	 	\vdash	\longrightarrow	
Worth Ave	C-18	10/10/2011		13'7	С	18-33						1	+	1 -	1	1								j.	+		 	\vdash		
Lexington	C-18	10/7/2011		10'	С	18-34						1													+-		 '	\vdash		
Union Square	C-18	10/7/2011		11'1"	С	18-35				1:		1			1	\vdash									+-		 	\vdash		
Union Square	C-18	10/7/2010		3'8"	С	18-36				1		1	+												+-		 			
Union Square	C-18	10/10/2011		7'3"	С	18-37					-	1		1	<u> </u>	1									+-		 			
Peach Blossom Dr	C-18	10/7/2011		6'5"	С	18-38				1		1		3	1	 					-				+-		\vdash	\vdash	\rightarrow	
Peach Blossom Dr	C-18	10/7/2011		4'4"	С	18-39				1		1													+				\dashv	
Peach Blossom Dr	C-18	10/7/2011		6'11"	С	18-40				1		1		 		<u> </u>							-		+-		H	\vdash	\dashv	
Village Loop	C-18	1/5/2012		6'4"	С	18-40A			1		十	1	_	1		 								 	+		\vdash	\vdash		
Village Trace	C-18	1/5/2012		6'9"	С	18-40B			1		_	1		\$Y.		<u> </u>						14.5			+		\vdash	\vdash		\longrightarrow
Peach Blossom Dr	C-18	10/6/2011		8'2"	С	18-41		_	+	1	.		+	 	1						1				+-		\vdash			
Peach Blossom Dr	C-18	10/7/2011		4'10"	С	18-42				1	. 🕇	1	1,	†		t				i	-				+-		\vdash		\dashv	
Peach Blossom Dr	C-18	10/7/2011		5'10"	С	18-43				1	.	1		†	1										+-			 		
Lexington	C-18	10/6/2011		8'5"	С	18-44				1	-	1	-	3 2		 -									+-			 	\rightarrow	
Lexington	C-18	10/7/2011		3'11"	С	18-45				1		$\frac{1}{1}$			\vdash						-	24 4			+		 			
Lexington	C-18	10/7/2011		7'	С	18-45A			_	1		1	-	†	1	 	╅								+					
Peach Blossom Dr	C-18	3/26/2013		7'7"	С	18-46	1	_		1	_	† <u> </u>	+	1-	1						1			03/26/13	+					
Palm Beach	C-18	10/11/2011		7'7"	С	18-47		_		1	+	1	1		Ħ		 				-	- 10 E		03/26/13	+	- <u>- 1</u> - 1			1	

BENTON UTILITIES S	OS IVIAI	VHOLE KEP	AIR REC	OKD I	DASI	N 11																											
		l]		1		Su	rface	Abov	e Ma	nho	le	N	eed f	or Re	epair			Rep	pair f	Requirer	nent										1	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	N	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining	Date Com	Repair pleted	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Palm Beach	C-18	10/11/2011		9'4	С	18-48					1		1	T																			
Palm Beach	C-18	4/5/2013		8'7"	С	18-49					1					1						1			04/	5/13					1		
Palm Beach	C-18	10/11/2011	-	9'7"	С	18-50					1		1																				
Palm Beach	C-18	10/11/2011		8'7"	С	18-51					1		1																	-			\vdash
Palm Beach	C-18	10/11/2011		9'9"	С	18-52				Ī	1		1																				\vdash
Palm Beach	C-18	10/11/2011		9'3"	С	18-53					1		1															-					\Box
Palm Beach	C-18	1/5/2012		8'2"	С	18-54					1		1	1											<u> </u>								
St Regis Sub	C-18	1/5/2012		8'5"	С	18-55	1									1							1		<u> </u>								\Box
St Regis Sub	C-18	1/5/2012		4'10"	С	18-56		1					1																				
St Regis Sub	C-18	1/5/2012		5'2"	С	18-57		1					1													Ì							
Village Dr	C-19	1/5/2012		12'	С	19-4			1				1													İ							
Village Dr	C-19	1/5/2012		13'3"	С	19-5			1				1																				\vdash
Village Loop	C-19	1/5/2012		11'10"	С	19-6			1				1																				
Village Loop	C-19	1/5/2012		10'6"	Ć	19-7			1				1							1 1 1 1													
 Village Loop 	C-19	1/5/2012		8'8"	С	19-8					1		1	L																			
St Regis Sub	C-19	1/5/2012		9'	С	19-8A		1					1			1																	\Box
St Regis Sub	C-19	1/5/2012		5'1"	С	19-8B					1		1			1																	
Village Loop	C-19	1/5/2012		7'1"	С	19-9					1		1								1	1				j							
Village Loop	C-19	1/5/2012		8'8"	С	19-10					1		1		1				<u> </u>							<u> </u>	1						
St Regis Sub	C-19	1/5/2012		14'6"	С	19-11					1		1									1									1		\Box
Village Dr	C-19	1/5/2012		7'3"	С	19-43A			1					1	:	1			1	2.													$\overline{}$
Village Dr	C-19	1/5/2012		10'1"	С	19-43B			1	T			1		,																		
Westminster	D-16	10/3/2011		9'	D	16-1					1	1	1	-																			
Westminster	D-16	3/28/2013		11'8"	D	16-2				\top	1	1				1						1			03/:	8/13					1		
Westminster	D-16	10/3/2011		7'3"	D	16-3					1		1													•	İ						
Westminster	D-16	10/3/2011		8'5"	D	16-4					1	1	1								1												
Westminster	D-16	10/3/2011		7'3"	D	16-5					1	1	1	7		7										12.							
Westminster	D-16	10/3/2011		7'5"	D	16-6					1	1	1							,													
Courtney	D-16	10/3/2011		8'1"	D	16-7					1		1						.,							Ì-							
Courtney	D-16	10/3/2011		6'10"	D	16-8			1	1	T	1	1		$\neg \uparrow$		-									Ì	1						
Garvin	D-16	10/3/2011		9'4"	D	16-9					1	ī	1	4		$\neg \uparrow$							i			Ì	1						
Grayson	D-16	10/3/2011		7'5"	D	16-10					1		1			\neg					1					İ							
Westminster	D-16	10/3/2011		4'7"	D	16-11				1	1		1	1												1							
Westminster	D-16	10/3/2011		5'3"	D	16-12				丁	1		1															,					
Westminster	D-16	10/3/2011		7'2"	D	16-13					1	1	1	[

BENTON UTILITIES					BASIN 11		Sur	face A	hove	Man	2010		N = = = 1	fo=	lon-i	. 1		-				·					1.	, .				
							_ T		\neg	iviani	Tole	 	Need	TOP H	kepaii		- 1	Re	pair	Require	ment			1								
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	Leak a Manho -Numbe	le	Concrete Pavement	Asphalt Pavement	Grave	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim of	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Westminster	D-16	10/3/2011		9'1"	D 16	-14	I			1	T	1	 					<u> </u>	T	1	+-	13.3	100		picted	╬	1 0 0 3	10		-	<u>a 3</u>	윽
Westminster	D-16	10/3/2011		5'3"	D 16	-15				1	1	1	1						1		┢		+		1	+		┼	+	-+		⊢
Westminster	D-16	10/3/2011		5'10"	D 16	-16				1	-	1							1	1	-	 	+	 		+		┼	-	-		╀
Westminster	D-16	10/3/2011		8'6"	D 16	-17				1	1	1	1					 	1		 	 	+-	_	<u> </u>	+		+-		_	•	⊢
Westminster	D-16	10/3/2011		14'7"	D 16	-18				1		1	1						1		 	 	+		1	+-		┼─		-		╁
Westminster	D-16	10/3/2011		16'6"	D 16	-19				1	+-	1					-		1		1		+	 	<u> </u>	+		+	+			┢
Westminster	D-16	10/3/2011		16'6	D 16	-21			1	1		1							+	1	 	 	+-	 		+	-	┼—	11	+	-	\vdash
Kensington	D-17	10/13/2011		6'7"		'-7			\top	1	1	1	\Box						1	1	1	 	+	1	1	+-		+				\vdash
Kensington	D-17	10/13/2011		7'3"	D 17	'-8	1			1	1	1							+	1	1	 	+	 	 	+		1-		+		├
Worth Ave	D-18	10/12/2011		8'	D 18	3-2	8			1	T				1				+		1	1	+		1	+		╫		+		┢
Kensington	D-18	10/12/2011		7'8"	D 18	3-3				1		1	1-1						1	 	╁∸		+-		1	+-		╀	-	\dashv		⊬
Kensington	D-18	10/12/2011		8'4"	D 18	3A				1	1	1							1		 		+-		1	╂──	,	┼	\vdash	-+		⊬
Worth Ave	D-18	10/12/2011		8'1"	D 18	-4			1	1		1							+				+-		1	+		1	+	+		
Worth Ave	D-18	10/12/2011		11'	D 18	-5				1	-	1	\Box							1			-		i	+'		-	1 1			
Worth Ave	D-18	10/12/2011		6'5"	D 18	3-7			1	1		1							1	 	-		┪	_	 	╁─┤		-	\vdash			<u> </u>
Worth Ave	D-18	10/12/2011		8'11"	D 18	8-8			1	1		1				7			1				-		1	+-	<u> </u>	-		+		┢
Kensington	D-18	10/12/2011		9'11"	D 18		1			1		1							1		 		+		1	╂		-	╂╌╌╂	-+		_
Worth Ave	D-18	10/12/2011		9'10"		-10	1			+	1	1							+-	1	-		+		1	+		┼		\dashv		\vdash
Worth Ave	D-18	10/12/2011		5'5"	D 18				\top	1		1	1-1			_			1		1		+-		1	╂—-/			-	\rightarrow		<u> </u>
Kensington	D-18	10/12/2011		7'8"	D 18					1 1	1	1				_	-		+				-		!	+		-				<u> </u>
Kensington	D-18	10/12/2011		9'10	D 18				1	 	T	1				-			╁─	 					1	+		├		+		<u> </u>
Kensington	D-18	10/12/2011		8'4"	D 18				Ť	1	†	1	+		+	-				<u> </u>	-				-	+				\dashv		-
Kensington	D-18	3/27/2013		7'10"	D 18		1		+	1	1				1	\dashv		······································	+	 	1		+	Ω2 /	27/13	+		 		+		<u> </u>
Worth Ave	D-18	10/12/2011		5'7"	D 18-			\top	1	1	1 .	1			-				1	 	-		+	U3/.	4//13	1		-	\vdash	1		<u> </u>
Worth Ave	D-18	10/11/2011		6'2"	D 18-		1	1	1	1		1		1		1			†	1		ļ <u>.</u>	+-		-	\vdash				+		-
Worth Ave	D-18	10/11/2011		9'5"	D 18-				1	1	1	1	Ti		\dashv	+	_	,,	+	1			+	 	}	H	<u> </u>	-	$\vdash \vdash$	+		
Worth Ave	D-18	10/11/2011		9'9"	D 18-					$\frac{1}{1}$		1		\vdash	_	+	+		╫	 	-		+		1	\vdash	· · · · · · · · · · · · · · · · · · ·					
Worth Ave	+	10/11/2011		8'3"	D 18-			1	1	_		1		 	-+	-			1	1			+-	 	1	+				$-\!$		
Worth Ave	D-18	10/11/2011		6'2"	D 18-		$-\dagger$	$\neg \vdash$	1.	1		1			-+	\dashv	\dashv		+	-	 		+-		 	1-1			\vdash	\dashv		
Worth Ave	D-18	10/11/2011		6'	D 18-	_		\neg	1	1		1	17	\Box	+	十	+		1				+-	— —	<u> </u>	\vdash	· 	\vdash	\vdash	+		· · · · ·
Worth Ave	D-18	10/11/2011		7'5"	D 18-		_	_	\top	1		1		\vdash		+	\dashv		\vdash	 			+		-	+	 	-	$\vdash \vdash$	-		
Worth Ave		10/11/2011		4'	D 18-		$\neg t$		1	1		1		\vdash	$\overline{}$	\dashv	ᅱ		1				+		<u> </u>	 				+		
Worth Ave		10/11/2011		9'7"	D 18-			_	+	1 1		1		$\overline{}$	-+	┪	\dashv	7	-	 	-		+-		1	\vdash		\vdash	$\vdash \downarrow$	-		
Worth Ave		10/11/2011		8'4"	D 18-			-	1	$\frac{1}{1}$	1	1	1	\dashv		\dashv	\dashv		\vdash	1	\vdash		+		-	 	······································		$\vdash \vdash$			
Worth Ave	 	10/11/2011		7'	D 18-		\dashv	_	_	1	\Box	1				+	\dashv		+		\vdash		+-		 	\vdash			\vdash	-		

· 				***	1		Sii	rface	Aho	/e M	anho		NI.	00d £	or Re	nair	7		D							<u> </u>		,					
										VE 1VI	T	12	- Ne	eea t	or Ke	pair	_	<u> </u>	Kepai	r Re	quiren	ent											T
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	N	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	15	2nd	Wo l	No Access	Bench & Trough or Around Pipe	Kemove Koots	Bomoyo Boot	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	
Westminster	E-16	10/4/2011	1	····	E	16-3	T				<u> </u>	Ť	" 	#	- 	_	1	1 6 5	- 10	+	<u> </u>		2 3	90	Com	pleted	10	663	ļä	ļä	لقا	<u> 3</u>	4
Westminster	E-16	3/28/2013		9'	E	16-4					1	7	_			1	-			+		1		-	02/5	0/40	 		 		\square		4
Westminster	E-16	10/4/2011		8'8"	E	16-5					1		1			-				+		1			03/2	8/13	ļ		_		1		\downarrow
Westminster	E-16	10/4/2011		9'1"	E	16-6				-	1		1							+					1.	-	↓		<u> </u>				_
Westminster	E-16	10/4/2011		8'10"	E	16-8			1		1	\dashv	1	+						-						!	 		<u> </u>		\square		╛
Westminster	E-16	10/4/2011	1		E	16-9				\dashv	1			-	\dashv	-	1		-	-						<u> </u>					\square		╛
Westminster	E-16	10/4/2011		9'	E	16-10				-	1	+	1	+	-	+	+	_	-	+		1		$\vdash \vdash \vdash$		1	 		_ _	1	Ш	 	\downarrow
Grayson	E-16	10/3/2011		4'8"	E	16-11	†				1	\dashv	-+		1	+	+	1	+-	-							-						4
Grayson	E-16	10/3/2011		6'1"	E	16-12		- 1		-	1	\dashv	-	+		1	-	1	1	-						<u> </u>	ļ		<u> </u>	 			4
Grayson	E-16	10/3/2011		5'11"	Ε	16-13			_	-	1	\dashv	1	-+	\dashv	+	+			-						ļ	1		ļ				┙
Rolla	E-16	10/3/2011		5'9"	E	16-14		1			+	+	1		-	+	-			+						1	 				\sqcup		4
Kimberly	E-16	10/3/2011		7'9"	E	16-15				-	1	-	1				+			+						<u>:</u>			ļ				_
Courtney	E-16	10/3/2011		4'9"	E	16-16			_		1	\dashv	1				_			+							<u> </u>				\sqcup		4
Garvin	E-16	10/3/2011		9'7"	E	16-18			1	-	1	_	1	- -	-	+	╁			+	-+					1	 		 		\vdash	·	4
Kimberly	E-16	10/3/2011		5'2"	E	16-19				- +	1		1	-	-	+	-			+						1	-				\longrightarrow		1
Kimberly	E-16	10/3/2011		5'9"	E	16-20			1		1	1	-+-	-	1	-		1 1		-							 		<u> </u>				4
Grayson	E-16	10/3/2011		7'2"	Е	16-21				$\neg +$	1	+	1	-+	+	\dashv		<u> </u>		+		-											1
Grayson	E-16	10/3/2011		6'9"	Е	16-22					1	+	1	_	\dashv				\dashv	+						<u> </u>	 	···					4
Westminster	E-17	10/5/2011		6'	Е	17-1					1	1	1		-	+	_			+		-			 								4
Westminster	E-17	10/5/2011		7'4"	Ε	17-2			_	-+	1	1	1	\dashv		+		-	+	╌		-				1							1
Westminster	E-17	10/5/2011		10'9"	Е	17-3					1	-	1	+				·				\dashv				<u>'</u>		· · · · · · · · · · · · · · · · · · ·					4
Rivera	E-17	10/5/2011		6'10"	Е	17-4		1	_		1	_	1	_	+	\dashv	+	+		+											\rightarrow		4
Rivera	E-17	10/5/2011		11'	Е	17-5			$\neg \dagger$		1		1	+	+	+	+			+		-											1
Pebble Beach	E-17	10/13/2011		8'6"	E	17-12			+	\top	1		1	+		+	-		+	+						l			\vdash				4
Pebble Beach	E-17	10/13/2011		6'6"	Ε	17-13			1	十	1		1	+	\dashv	\dashv	+		+-	+		-							\vdash	$\vdash \dashv$	 		1
Pebble Beach	E-17	10/13/2011	· ·	3'10"	Е	17-14				_	1		1	+	+	_	\dashv		+	+	-+	\dashv		\dashv		! 	\vdash	······································	$\vdash \dashv$		\dashv		4
Pebble Beach	E-17	10/13/2011		10'2"	Ε	17-15			$\neg \dagger$	1	1		1	}	_	+	+	- 	+-	+		\dashv		-							\dashv		1
Caribbean	E-17	10/13/2011		6'9"	Е	17-19	1		\neg	_	1	- 4	1		-	+	_	-	1	+	+	+		_			\vdash	-			\rightarrow		1
Caribbean	E-17_	10/13/2011	. 1	8'	E	17-20		_	_	+	$\frac{1}{1}$		1	十	\vdash	+	_			+		\dashv					$\vdash \dashv$		-		\dashv		1
Westminster	E-17	10/5/2011		10'3"	Ε	17-21			+		$\frac{1}{1}$		1	+	-	+	╅	-	-	+		\dashv											1
Westminster	E-17	10/5/2011		9'11"	E	17-21A			_		1		1	1	-	+	+		+	+	- 	-+											1
Tahoe	E-17	4/1/2013		6'7"	Ε	17-21B	\Box	$\neg \dagger$	_		$\frac{1}{1}$	+	-+	+	+	+	+		-	+-		1			04/0	1/12	├				\dashv		1
Malibu	E-17	10/5/2011		4'8"	E	17-22	\Box	$\neg +$	$\neg \uparrow$	_	1	+	1	+	- 	+	+		+	+		┿			04/0	1/13				_	1		+
Caribbean	E-17	10/13/2011		9'2"	E	17-24		\dashv	十	_	1		1	十	\dashv	+	+	-		+	- +	\dashv								\dashv			ļ
Caribbean	E-17	10/13/2011		5'11"	E	17-25	\vdash	_	\dashv	-	1	-	1	十一	-	+-	+			+	-+	-+					-				\dashv		1

BENTON UTILITIES	T	T T	AIN NEC		BASII	ATT	T -		A.						-																		
								пасе	Abo	ve M	anho	ole		Veed	for R	epai			Re	pair	Require	ment											T
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	M	_eak at 1anhole Iumber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Caribbean	E-17	10/13/2011		6'	E	17-26					1		1							T		Ť		100		(Ħ		╁	1	H	= -	屵
Manhattan	E-17	4/1/2013		4'10"	E	17-27					1					1				1	†	1	1	1	04/	01/13	\vdash		<u> </u>	+	1		+
Wall St	E-18	10/13/2011		5'5"	Е	18-1					1		1							1		╁╌			0.17	1	╫		1		┢╧╅		+
Wall St	E-18	10/13/2011		5'6"	E	18-2					1		1				1			1	†		 			 	\vdash		+		\vdash		+
Wall St	E-18	4/1/2013		5'5"	E	18-3					1					1					1	1			04/	01/13	+-		╁		1		+-
Wall St	E-18	10/13/2011		5'	E	18-4					1		1				\neg	一		1	1	Ť	 		047	1,13	\vdash	 	1	-	┝╧┼		+
Wall St	E-18	10/13/2011		5'7"	E	18-5					1		1								1	†	 	1			 		+-		┌─┼		+
Wall St	E-18	10/13/2011		6'2"	E	18-7					1		1							1	1	†				†	╆	 	╂─	1	\vdash		+
Caribbean East	E-18	10/13/2011		7'3"	E	18-9					1		1							1	 	1	<u> </u>			' 	╁	 	+	╁┈┤			╁
Manhattan	E-18	10/13/2011		5'	E	18-10	1			1			1							1		†		\vdash		1	╁─┤		+	-	-+		╁
Michigan	E-18	10/13/2011		6'7"	E	18-11A					1		1						· · · · · · · · · · · · · · · · · · ·	1		1					+-		+	\vdash	\vdash		+
Worth Ave	E-18	10/13/2011		9'8"	E	18-12					1		1							1		1	-	-		1	╁		╁	+	\vdash		+
Worth Ave	E-18	10/13/2011		13'6"	E	18-13		1					1							1		1	 	\vdash		1	┢╌┤		+		-+		+
Carribbean	E-18	10/13/2011		11'1"	E	18-15					1		1			1						+			===	1	╂┈┦		+-	-			╁
Worth Ave	E-18	10/13/2011		15'6"	Е	18-17					1		1						<u></u>	†		\vdash		\Box		1	\vdash		┼	\vdash			+
Congressional	F-15	1/17/2012		7'	F	15-1			1				1							1-						1			╂─	\vdash			╁
Scott Salem	F-15	1/17/2012	1		F	15-2										- 1	1			1		1				 	\vdash		╁─	1-1			+
Murifield	F-15	1/17/2012		6'4"	F	15-3	1						1							1		╅	 		· · · · · · · · · · · · · · · · · · ·	1	\vdash	-	+	-			╀
Valhalla	F-15	1/17/2012		5'4"	F	15-4			1				1						*	1-	1					1	-		-	1-1			+
Scott Salem	F-15	1/17/2012	Ī	6'2"	F	15-5			1				1			-				1-						-	 	 	1-	-	-+		+
Salem Hills	F-15	1/17/2012	Under	Drive	F	15-6			1											1-			 			-	\vdash		-		\dashv		╁
Salem Hills	F-15	1/17/2012		7'8"	F	15-7			1	7			1			-	-				<u> </u>				·				 				╁
Dogwood Lake Apts	F-17	10/25/2011		10'1"	F	17-1				_	1		1					_		1					7 1	1	$\vdash \vdash$		╂	-	\dashv		₩
Dogwood Lake Apts	F-17	10/25/2011		9'5"	F	17-2					1						_			1-	 		1			 			├	\vdash			╀
Dogwood Lake Apts	F-17	10/25/2011	`	10'4"	F	17-3			\neg		1		1	7				-	·	1			-			-			 				┼
Dogwood Lake Apts	F-17	10/25/2011		7'4"	F	17-4					1		1	一十		_	1									}			┢	\vdash	\dashv		⊬
Dogwood Lake Apts	F-17	10/25/2011		6'10"	F	17-5			7		1		1	Ŋ							1				10 FG	4		-	├		\dashv		╁—
Dogwood Lake Apts	F-17	10/25/2011		8'1"	F	17-6			7	_	1		1								 				- 4	<u> </u>	\vdash		-		+	· · · · · · · · · · · · · · · · · · ·	╀
Dogwood Lake Apts	F-17	10/25/2011		8'1"	F	17-6A					1	1	1		+	\dashv				1-	<u> </u>	1-				! 	 		-				₽-
Dogwood Lake Apts	F-17	10/25/2011		6'8"	F	17-10	-			\dashv	1		1		\dashv	_	-1	-		+	1	1	 			1	┌─┤		-		-		
Dogwood Lake Apts	F-17	10/25/2011		7'2"	F	17-11			+	_	1		1		$\neg +$	-+	\dashv	\dashv		\vdash	 	 	 		-	<u> </u>	 		-	-	-		\vdash
Dogwood Lake Apts	F-17	10/25/2011		5'3"	F	17-12			1	+	1	一十	1			\dashv	-	_		1	 				<u> </u>	 				$\vdash \vdash$	+		-
Dogwood Lake Apts	F-17	10/25/2011		7'2"	F	17-13					1			1		1	+	\dashv	1	 	 	 			-	1	 		-		\dashv		-
Dogwood Lake Apts	F-17	10/25/2011		6'3"	F	17-13A			+	十	1	\neg	1	+	-	+	+	\dashv	<u> </u>			+				1					+		-
Dogwood Lake Apts	F-17	10/25/2011		7'4"	F	17-14	1		1		-				-+	1	-	\dashv		\vdash	 	1		1		1	 		<u> </u>				—

BENTON UTILITIES	33 IVIA	NHOLE KEP	AIR REC	ORD	BASI	N 11																												
						-	Su	rface	Abc	ve N	1anh	ole		Need	for R	Repai	r		Re	pair l	Requirer	nent					T	Γ		T	$\overline{}$			T
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	N	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair		1 00 7	Bench and Trough	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Boardwalk	F-17	10/6/2011		11'2"	F	17-15					1		1					12		1	T 10 10	13	13 3	100	COIII	pieteu	뿌	<u> </u>	<u> </u>	╬	누	١٥١	<u> </u>	부욕
Boardwalk	F-17	10/6/2011		6'9"	F	17-16					1		1							\vdash	 	 		-		 	+	├		┼	+-			+-
Boardwalk	F-17	10/6/2011		7'5"	F	17-17					1		1							 	 	-	 			}	+	├		┼	—			+
Boardwalk	F-17	10/6/2011		8'3"	F	17-18	1						1							 	 	 		╂─┤		<u> </u>	+	├		┼—	┼			+-
Boardwalk	F-17	10/6/2011	1		F	17-19											1	Н		╁	 	1		╁		 	 	├─		—	 	┝		┿
Westminster	F-17	10/6/2011		14'11"	F	17-20					1		1	\vdash				H		├	†	┝╧	 	Н		1	+	 		┼	 			+
Westminster	F-17	10/6/2011		11'9"	F	17-22					1		1					\vdash		 	1	 		\vdash		1	+			+-	—			+
Westminster	F-17	10/6/2011		6'3"	F	17-23					1		1							1-	ļ	-				 	+	├──		┼	├ ─-			
Westminster	F-17	10/6/2011		6'8"	F	17-24					1		1							 	-	-	 			1.	+	├─-		 	 			—
Westminster	F-17	10/6/2011		10'6"	F	17-24A					1		1							 				\vdash		1	+'	 		┼	├	\vdash		4-
Westminster	F-17	10/6/2011		8'5"	F	17-24B					1		1	 						 		-		\vdash		1	+	—		—	 			—
Westminster	F-17	10/6/2011		6'9"	F	17-26					1		1				_	-		 						1	 			—	 			—
Westminster	F-17	10/6/2011		8'11"	F	17-27					1				-	1				-		1		\vdash		1	╂	├—		┼—	 			┿
Rivera	F-17	10/5/2011		5'11"	F	17-28					1		1							-		1				1	╂	 		┼	╂/			╀
Rivera	F-17	10/5/2011		7'11"	F	17-29					1				1	-	_		1	1						1.	╂'	 		 	 			┼
Rivera	F-17	10/5/2011		6'	F	17-30					1		1		-		_		<u>+</u>	-		-		1		<u> </u>	+	 		 	 -	\longrightarrow		
Rivera	F-17	10/5/2011		9'	F	17-31			Н		1		1													1	+			 	 	-		—
Westminster	F-17	10/5/2011		6'11"	F	17-31A					1		1									-		-		1	╁╌┦			 	 			₩
Westminster	F-17	10/5/2011		6'4"	F	17-32					1		1				-	-				-				1	+		,	 	┦			
Westminster	F-17	10/5/2011		6'4"	F	17-34			Н		1		1													1	+			ـــــــــــــــــــــــــــــــــــــ	\vdash			—
Westminster	F-17	10/6/2011		13'3"	F	17-34A					1		1	\vdash			-					-				-	+			-				↓
Boardwalk	F-17	10/6/2011		13'10"	F	17-35			-		1		1		\dashv						-					1	┼	 		igspace				1
Boardwalk	F-17	10/6/2011		7'9"	F	17-36		-			1		1	 			-									i i	+			↓	\sqcup			╄
Boardwalk	F-17	10/6/2011		7'3"	F	17-37					1		1	33	- 1	_	_					-		\vdash			+				\sqcup		-,	—
Hurricane lk Main sta	F-17	10/6/2011		14'9"	F	17-38					1		1		\dashv			\dashv		-					<u> </u>	1	+				igsqcut			╀
Hurricane lk Main sta	F-17	10/6/2011		15'11"	F	17-39				1	-		1		_	-+	_									<u> </u>				\vdash	\vdash			↓
Rio De Janiero Blvd	F-17	10/6/2011		12'9"	F	17-42				_	1		1		_	- 1	-	-		<u> </u>						-				╀┦	$\vdash \vdash$		- /	₩
Rio De Janiero Blvd	F-17	10/6/2011		4'7"	F	17-43	H	\vdash			1		1	8	-			-		H		\vdash		├─┤		T.	\vdash			+	\vdash			1
Catalina	F-17	10/6/2011		11'5"	F	17-45					1		1		-+		_	\dashv		_						Ĭ	╁—┤			\vdash	\vdash			
Catalina	F-17	10/6/2011		4'10"	F	17-46	\vdash		- 		1	\dashv	1	$\overline{\Box}$			-1	-		\vdash			***			1	\vdash			\vdash	 			 _
Rio De Janiero Blvd	F-17	10/6/2011		12'8"	F	17-49	\vdash		$\vdash \dashv$		1		1	 	$\neg +$	\dashv	\dashv	-				-				1	╁╼┤			$\vdash \vdash \vdash$	\vdash	\dashv		₩
Worth Ave	F-17	10/6/2011		9'	F	17-50	H			\dashv	1	\dashv	1	2	- 1	\dashv				Н										\vdash	$\vdash \dashv$			1
Rivera	F-17	4/3/2013		9'7"	F	17-53			┤		1	_	- 	1	-	1	┪	-				1					\vdash			\vdash	┝─┤	+		₩'
Westminster	F-17	10/6/2011		7'6"	F	17-54				\neg	1		1	- 	-	- 	\dashv	\dashv						┪	04/0	3/13	\vdash			\vdash	\vdash	1		
Dogwood Lake Apts	F-17	10/25/2011		5'3"	 	17-12	\vdash	-	\vdash	\dashv	1	\dashv	1	1	\dashv					$\vdash \dashv$						 	┝╼┤			\vdash	 	-		↓ ′

BENTON UTILITIES	55 IVIAI	NHOLE REP	AIK KEC	OKD	BASII	N 11							· ·																			
						- · · · · · ·	Sur	face	Above	Man	hole		Nee	d for	Repa	ir		Re	pair l	Requiren	nent											
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	M	.eak at Ianhole Iumber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grass	Wood	None	- 151	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	10	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Mediterranean	F-18	10/13/2011		6'7"	F	18-2			Ť	1		1	_	T	T				Ī	1						 			H	一十		⇈
Mediterranean	F-18	10/13/2011		6'4"	F	18-3				1		1	-	1	1		H	<u> </u>	\vdash	 		<u> </u>				+		┢	╂─┤	\rightarrow		╆
Wall st	F-18	10/13/2011		10'2"	F	18-4		_	-	1		1	-	1	+	-	H		\vdash	1	-				 	+		├─	11	$\overline{}$		
Wall St	F-18	10/13/2011		9'9"	F	18-5		_		1		1	_	+	†				╁	 					 	+	 	怈	$\vdash \vdash \vdash$			+
Dogwood Lake Apts	F-17	10/25/2011		5'3"	F	17-12		1		1		1	_	+-	1	_			\vdash	 						+-		\vdash	\vdash			+
Pinehurst Cr	G-15	1/23/2011		7'11"	G	15-2		1	_	十	1	Ŧ	+	+	1	_	H	1		 			H			+		╁	\vdash	\dashv		+
Congressional	G-15	1/17/2012		7'4"	G	15-3		1	1	+	1	十	+	+	$\frac{1}{1}$	1	П		t	†		1	H		-	+-		\vdash	\vdash	\dashv		+
Congressional	G-15	1/17/2012		7'6"	G	15-4	1	1	1	1	1	1	1	+	†	 			 	†		-	\vdash		<u> </u>	+		┢		\dashv		+
Castle Valley Rd	G-15	1/17/2012		6'1"	G	15-5		_	1	+	1	ऻ ऀ	+	+	1	_	T		1	1		1	H			1		一	\vdash	\dashv		+
Murifield	G-15	1/17/2012		7'8"	G	15-6		1		1	1	1		†	1				┢	†					-	+		一	\vdash			\vdash
Pinehurst cv	G-15	1/23/2012		12'3"	G	15-7				1		+	十	+	1		1	1	╁					***	-	+			$\vdash \vdash \vdash$	-+		+
Pinehurst cv	G-15	1/23/2011		6'5"	G	15-8		1		1	-	1	+	+	1			-	t	 		1		 -	<u>!</u>	+-	<u> </u>	怈	╁╌┤	-+		+
Pinehurst cv	G-15	1/23/2011		2'11"	G	15-9		1		+		1	_	†	† <u> </u>					<u> </u>			Н			+	 	╁	\vdash	\dashv		\vdash
Valhalla	G-15	1/17/2012		8'	G	15-10		Ť	1	+	1	1	-	+-	\dagger				1							+-	 	┤	\vdash	$\neg +$		
Dogwood Lake Apts	F-17	10/25/2011		5'3"	F	17-12				1		1	- 1	+-	+	<u> </u>			1	-						1		\vdash	\vdash			\vdash
Winged Foot	G-15	4/5/2013		7'4"	G	15-11A	H	1		1		1	+	†	1	_			H	1	1		H	04/0	5/13	1		 	\vdash	1		
Castle Valley Rd	G-15	1/17/2011		9'4"	G	15-12		7	1		\top	1	_	+	†						_			0.70	7,10	+				十		\vdash
Castle Valley Rd	G-15	1/17/2012		6'10"	G	15-13				1		1		1	†				1	1					-	1		\vdash	\vdash			
St. Andrews Dr	G-15	1/17/2012		9'4"	G	15-14		1	1	1	1	1	+	1	1			1	1	1		1			<u> </u>	1		H	\vdash	-+		╁
Dogwood Lake Apts	F-17	10/25/2011		5'3"	F	17-12		1		1		1	1	1	†	 	1		 	-					 	1		Н	 	\blacksquare		
St Andrews Dr	G-15	1/17/2012		4'10"	G	15-16			1	1		1	+	+	1				1	<u> </u>	-	1			 	1		H	H	\dashv		
Congressional	G-15	1/17/2012		5'	G	15-17		_	1	十	+-	1		+	1-	-			†							+		┢	\vdash			+
Congressional	G-15	1/23/2012		8'3"	G	15-18			1	1	1	1		1-					t						 	1	 	\vdash	H	t		
Colonial	G-15	1/23/2012		4'10"	G	15-19				1		1	1	1	1			1	1	 		_,				1			\vdash			一
Shadow Creek	G-15			5'	G	15-20				1		1		1	1		1			 						+		┢═┤		$\neg +$		
Shadow Creek	G-15	1/17/2012		3'4"	G	15-21			1	1	1	1		1					1							1		Н		\neg		十
Shadow Creek	G-15	1/23/2012		5'4"	G	15-22		一	1	\top	\top	1		1	1				1	1						1			\vdash	十		<u> </u>
Crooked Stick	G-15	1/23/2012		5'11"	G	15-23			1	十	十	1	_	1			1		1	<u> </u>						1			\vdash	_		
Crooked Stick	G-15	1/23/2012		7'5"	G	15-24		寸	1	1	1	1	$\overline{}$	1	1				t							1				1		\vdash
Shoel Creek	G-15	1/17/2012		4'2"	G	15-25			1	\top	\top	1	-+-	T	1				1							T	<u> </u>			+	•	
Shadow Creek	G-15	1/23/2012		8'10"	G	15-26			1	1	1	1	-	1	1				\vdash							1			\Box	+		\vdash
Shadow Creek	G-15	1/23/2012		7'6"	G	15-27		_		1		1	_	1	1			· · · · · · · · · · · · · · · · · · ·	1	1					-	1			\Box	+		
Shoel Creek	G-15	1/17/2012		10'8"	G	15-28		\neg	1		1	1	_	1	+				 				\Box			+				+		
Shoel Creek	G-15	1/17/2012		5'10"	G	15-29		1	1	1	1	1		\top	1		T		1	1					<u> </u>			М		\top		
Cypress Point	G-15			5'9"	G	15-30		\neg		1	ī	1		1	1				T^-							1		<u>-</u>		\dashv		1

BENTON UTILITIES	SS IVIA	NHOLE REP	AIR REC	.ORD	BASIN 1	.1																			ļ							
							Sur	face /	Above	Man	hole		Need	for F	Repai	r		Re	pair I	Requirer	nent							T	T	Т		Т
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth .	Leak Manh Numi	cat hole	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grass	Wood	None	1st	2nd	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair pleted	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Cypress Point	G-15	1/17/2012		7'		15-31			1	1	T	1	†			<u>~</u>	" 	10 -	-	<u> </u>	3	133	100	Com	leteu	쁜	<u> </u>	ᆍ	부욕	+=	0 3	부
Cypress Point	G-15	1/17/2012		7'4"	+	15-32		$\overline{}$	1	+	+-	1	1			-	\dashv		1-		 		\vdash		<u> </u>	+	 	+	-	 	 	+
Cypress Point	G-15	1/23/2012		6'	 	15-33	1	_	1		+	1	1						-	 	├					 		+	┿	┼		+-
Shadow Creek	G-15	1/23/2012		6'8"		15-34			1		1-	1							┢		1	<u> </u>				+	 	+	+	╂—		┼
Shadow Creek	G-15	1/23/2012		7'4"		15-35			1	+	+	1	-				$\neg +$		 		 					 		+-		-		+
Cypress Point	G-15	1/23/2012	Clean	Out	 	15-36				1	+	╁	1				_				 		H			 	 	+	+-			+
Spyglass	G-15	1/17/2012	1	3'5"	+	15-37			1	† -	_	1	1	1						<u> </u>						+-		+	+-	1	 	+
Cypress Point	G-15	1/23/2012		7'10"	 	15-38			1			1	1								 					+		+-	+	-		┼
Cypress Point	G-15	1/23/2012		5'11"		15-39				1	1	Ť	†	1	1	- +	_		\vdash			1				 	 	+-	+-	-	 	$+\!\!-$
Augusta	G-15	1/23/2012		12'	+	15-40			1		1	1	†		1			1	 			1		··. · · · · · · · · · · · · · · · · · ·	i i	╁─┤		+	+	-	 	+-
Crooked Stick	G-15	4/5/2013		6'5"	G 1	15-41			1		1	1	1		1	一十		•	 		1			04/0	5/13	 		+	+	-	 	+
Crooked Stick	G-15	1/23/2012	under	drive		15-42	1		- -		1					一十					1			04/0	73/13	+		+	+-	1		+
Augusta	G-15	1/23/2012		7'1"	G 1	15-43				1		1									 					 		+	+	<u> </u>		+
Oak Tree Cv	G-15	1/23/2012		5'	G 1	15-44			\top	1			1		1		_					1			!	+		+	+-		 	+
Oak Tree Cv	G-15	1/23/2012		11'8"		15-45			1		1	1				1					-	-				\vdash		+-	+-	-		+-
Pinehurst Cv	G-15	1/23/2012		10'6"	G 1	15-46				1	1	1	† · · · · ·					. ==						·		\vdash		+	+	\vdash		+
Augusta	G-15	1/23/2012		9'4"	G 1	15-47			1	1	1	1	1										\vdash			H		+-	+-	 		+
Pinehurst Cr	G-15	1/23/2012		7'1"	G 1	15-48				1		1	1					···								╁		+	+	-		+
Salem Hills	G-15	1/17/2012		7'8"	G 1	15-49		1				1	1													\vdash		+	+-	\vdash		+
Salem Hills	G-15	4/8/2013		9'3"	G 1	5-50				1					1						1			04/0	8/13	\vdash	 	+-	+-	1		+-
Salem Hills	G-15	1/17/2012		7'6"	G 1	15-51		1			1	1									-				0/13			+	+	1		+
Oak Forrest Lane	G-16	9/13/2011		5'6"	G 1	16-1				1		1													<u> </u>	 	 	+	+			+
Oak Forrest Lane	G-16	9/13/2011		4'	G 1	16-2		i		1	_	1												·		\vdash		+	+			+
Oak Forrest Lane	G-16	9/13/2011		5'9"	G 1	16-3						1														\vdash	 	+	+-	H		+-
Oak Forrest Lane	G-16	9/13/2011	under	house	G 1	16-4				1			,				1											+-	+-'	1		+-
Oak Forrest Lane	G-16	9/13/2011		5'5"	G 1	16-5				1		1	1				寸									\vdash		+	1-	\vdash		+
Oak Forrest Lane	G-16	9/13/2011		2'7"	G 1	16-6		1	\top	1	\rightarrow	1					十							-				+-	+-	H		
Oak Forrest lane	G-16	9/13/2011		3'	G 1	16-7				1				1							1	1			-			+	+-	1 1		+
Oak Forrest lane	G-16 .	9/13/2011		2'11"	G 1	16-8				1		1					十									\vdash		1	+-		, 	+
Oak Forrest Lane	G-16	9/13/2011		3'10"	G 1	6-10				1		1	1		1													+	1			+
Oak Forrest Lane	G-16	9/13/2011		4'11"	G 1	6-11	1			1		1			1	1	\neg										1	1	1			+
Oak Forrest Lane	G-16	9/13/2011		5'7"	G 1	6-12				1		1	į			一												+	+			
Salem-Congo	G-16	9/13/2011		4'7"	G 1	6-13				1		1	1	П		1												1	+			
Salem-Congo	G-16	9/13/2011		4'8"	G 1	6-14				1		1	3				寸								-	\sqcap		+	+			+
Salem-Congo	G-16	9/13/2011		4'	G 1	6-15			1	1		1	i			_												+-	+			

BENTON UTILITIES S	JO IVIAI	VITOLE REP	AIN NEC	טאט	BASII	A TT				_																							
					1		Su	rface	Abo	ve M	anho	ole		Veed 1	for R	Repai	r	L.,	Rep	pair [Require	nent			`								
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	N	.eak at Ianhole Iumber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair pleted	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Salem-Congo	G-16	9/13/2011	-	2'7"	G	16-16				1			1	T	I							T					 						十
Pilot L/S	G-17	1/24/2012		8'1"	G	17-1						1	1							· ·	1	 		\vdash			†				\vdash		╁
Pilot L/S	G-17	1/24/2012		8'2"	G	17-2						1	1								<u> </u>	\vdash		\vdash			1						+-
Pilot L/S	G-17	1/24/2012		8'2"	G	17-3						1	1								 	1	<u> </u>				 		 		 		+
Pilot L/S	G-17	1/24/2012		7'5"	G	17-4						1	1								 	1	<u> </u>				†		┼─				+
Pilot L/S	G-17	1/24/2012		9'6"	G	17-5						1	1	\Box							 						┼		 				╫
Pilot L/S	G-17	1/24/2012		7'5"	G	17-6						1	1								 	1					1				 		+
Pilot L/S	G-17	1/24/2012		7'4"	G	17-7					1		1								 	1					1		_		 		+
Pilot L/S	G-17	1/24/2012		13'4	G	17-8						1	1								 	t					+					· ·····	+-
Dogwood Lake Apts	G-17	10/25/2011		9'1"	G	17-9				1						1			1		1	1	1				 						+
Dogwood Lake Apts	G-17	10/25/2011		11'10"	G	17-10				1			1								 	1				-	\vdash		 				+
Dogwood Lake Apts	G-17	10/25/2011		9'7"	G	17-11	1						-			1						一	1				t						+
Dogwood Lake Apts	G-17	10/25/2011		10'11"	G	17-12				1	1					1					1	1					†				\vdash		+-
Dogwood Lake Apts	G-17	10/25/2011		5'3"	G	17-12A					1	1				1				1		1	1				t^-						+
Dogwood Lake Apts	G-17	10/25/2011		5'3"	G	17-13					1		1	\Box								Ť				1	1				\vdash		+-
Dogwood Lake Apts	G-17	10/25/2011		9'11"	G	17-14					1		1													ì	 		 	\vdash	$\overline{}$		+
Alcoa Rd	G-17	1/24/2012		7'4"	G	17-15		1					1								l					1.							+
I-30 West Service rd	G-17	1/24/2012		10'4"	G	17-16					1		1								<u> </u>	1				1			_	-			+
Glenda Ln	H-14	1/12/2012		8'11"	Н	14-3					1		1								1	 				<u> </u>	1		1	\vdash	$\overline{}$		\vdash
Glenda Ln	H-14	1/12/2012		6'6"	Н	14-4		1					1								 	 				i –	1				$\overline{}$		
Glenda Ln	H-14	1/12/2012		9'9"	Н	14-5		1			1		1								<u> </u>	ļ				<u> </u>	 			Н	$\overline{}$	-	╁
Glenda Ln	H-14	1/12/2012		7'6"	Н	14-6		1					1								1	 				1	1			\vdash			
Glenda Ln	H-14	1/12/2012		6'11"	Н	14-7		1						ia.		1			1			1	1			i -					_		\vdash
Angela Ave	H-14	1/12/2012		8'6"	Н	14-8				1	1		1		1							 				<u> </u>							
Angela Ave	H-14	1/12/2012		5'3"	Н	14-9					1		1									1				<u> </u>		****	-		\rightarrow		
Ginger	H-14	1/12/2012		4'9"	H.	14-10					1		1	ŧ												Ì						***************************************	
Ginger	H-14	1/12/2012		20'	Н	14-10A		1					1	2	7.											;					\dashv		
Ginger	H-14	1/12/2012		5'1"	Н	14-11		1					1													<u> </u>							1
Ginger	_H-14	1/12/2012		5'6"	Н	14-11A					1		1	1												ì				$\vdash \dashv$,,	†
Glenda Ln	H-14	1/12/2012		8'3"	Н	14-12					1					1							1		· · · · · ·	Ì							
Michael Ave	H-14	1/12/2012		10'6"	Н	14-14		1				1		- E		1							1			<u> </u>			Н		-		
Michael Ave	H-14	1/12/2012		9'1"	Н	14-15					1			il		1						1				Ī					-1		
Ginger	H-14	1/12/2012		6'11"	Н	14-16					1		1														1				1		
Ginger	H-14	1/12/2012		5'	Н	14-21		1					1	1																			
Ginger	H-14	1/12/2012		13'4"	Н	14-22		1		\neg	1		1	4	7							<u> </u>					T	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				56 - 16 1 C.	†

BENTON UTILITIES	T				BASII		Sı	ırfacı	e Abo	we N	1anh	مام		Nood	for R	onai	. 1		Po	nnin	Danis					 	Τ-	<u> </u>	T	, 			
								1	T	1	lailli	oie 	 	veed	101 K	epall	\dashv		ке	Pair	Requirer 1	nent T	· · · · · ·	1									
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	№	Leak at 1anhole Iumber	Concrete Pavemen	Asphalt Pavement	Sidewalk Pavemen	Grave	Grass	Wood	None	15	2nc	Low		Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Glenda Ln	H-14	1/12/2012		10'8"	Н	14-26	1	1	1	<u> </u>	<u> </u>	0	T Q			1	رک	<u> </u>	1	1 is.	100	1	lā š	loro.	COII	pietea	 _	0 0 5	10	10	으니	<u>ਰ ਤ</u>	윽
Glenda Ln	H-14	1/12/2012		5'9"	Н	14-32		 -	-		1		1	-		-			<u>.</u>	+-	-	1	 	-		 	-	<u></u>	+-	+	-		├
Ginger	H-14	1/12/2012		15'5	Н	14-33	1	1	 		-		1							╂	+	 	 	-		}	-	<u> </u>	+-		\dashv		├-
Spyglass	H-15	1/17/2012		8'	Н	15-1		 - -	 		1		1				-			╁╌		┼	-	 		! !	┼		 	-			┼
Spyglass	H-15	1/17/2012		8'6"	Н	15-2	1	1	 		-		1							╂		-	 	-		-	╂	<u></u>	-	+	-		├
Shoel Creek	H-15	1/17/2012		7'8"	Н	15-4	1	╁╾	1				-	 	\vdash	1				+	-	-	1			1	-		+	+			├-
Shoel Creek	H-15	1/17/2012		7'8"	Н	15-5	1	 	1				1	\vdash		-				+	 	-	-	+-		1	 	<u></u>	+	+			₩
Shoel Creek	H-15	1/17/2012		12'8"	Н	15-6	1	1	† -				1	\vdash	 					+-	 	-	 	+			 		+		+		_
Shoel Creek	H-15	1/17/2012	1	7'11"	H	15-6A	亡	1	1		1		1	 						†	 	-	 			+	-		\vdash	\vdash	\dashv		-
Hwy 5	H-15	1/17/2012		5'10"	Н	15-7	1	1	1		1		1	\vdash						1	 	╁		1-		<u>.</u>	 		+	+			╁
Hwy 5	H-15	1/17/2012		6'11"	Н	15-8	-	†	1		1		1							┪	 	╫	-			1	1		╁─	\vdash			├-
Alcoa Rd	H-17	1/23/2012		8'3"	Н	17-1		 	1		1		1	\vdash						╂	ļ	┼				1			╁	-			-
Alcoa Rd	H-17	1/23/2012		7'	Н	17-2	1	1	!		-	-	1							+	†	\vdash	1	\vdash		+	-	<u> </u>	╁	+			╁
Alcoa Rd	H-17	1/23/2012		9'10"	Н	17-3		1	1				1							 		 		1		1	 		+	+	-+		┢
I-30 East Service rd	H-17	1/23/2012		9'2"	H	17-4	t	1			1		1			_			iiii	+		┢		\vdash		1:	+		╁		\dashv		\vdash
I-30 East Service rd	H-17	1/23/2012		10'	Н	17-5	T				1		1							1		1			 	1		<u></u>	╁	+	-		-
I-30 East Service rd	H-17	1/23/2012		10'3"	Н	17-6	T	1	1							1				1		\vdash	1			1	-		╁	+			┢
I-30 East Service rd	H-17	1/23/2012		10'9"	Н	17-7	1	1	1				1							+-	<u> </u>	1				1			┼─	+		<u> </u>	\vdash
I-30 East Service rd	H-17	1/23/2012		13'1"	Н	17-8		1					1						·		1	1		\vdash		†	†		1	+			H
I-30 East Service rd	H-17	1/23/2012		8'9"	Н	17-9		1	1	-77			1							1		1			······································	1	1	·	 	+			H
I-30 East Service rd	H-17	1/23/2012		9'9"	Н	17-10			1	1			1							1		1		1-1		 	 		 		-		
Alcoa Rd	H-17	1/23/2012		7'10"	Н	17-11			1		1		1		T				- : :	1		1							╁	\vdash	\dashv		\vdash
Alcoa Rd	H-17	1/23/2012		9'3"	Н	17-12					1		1									1				1	†		1-				
Alcoa Rd	H-17	1/23/2012		10'11"	Н	17-13				1			1	3						1						1		<u> </u>	1		-		\vdash
Crepe Myrtel Cove	I-16	1/4/2012		6'2"		16-1			1				1								1					1	t		t	1 1	\dashv		
Crepe Myrtel Cove	I-16	1/4/2012		7'5"		16-1A			1							1				1	:		1			1		·	<u> </u>	1 1			\vdash
Heritage Farms Dr	I-16	11/9/2011		4'6"		16-2			1				1				1	\neg			1.			П		1				H	\dashv		\vdash
Heritage Farms Dr	I-16	11/9/2011		7'5"		16-3			1				1					;						1 1	1.4	1			1		-		
Heritage Farms Dr	I-16	11/9/2011		8'3"		16-4			1							1	一		1				1			1		 	1	1 1	+		\vdash
Wildrose Cv	I-16	1/4/2012		8'7"		16-11A						1	1				一			1						1				1 1			\vdash
Heritage Farms Dr	I-16	11/9/2011		8'11"		16-5			1					1		1	7		1		1				 -	†				1 1			
Heritage Farms Dr	I-16	11/9/2011		9'2"		16-6			1	-			1	1			1	7		1				1		1		and strength as the contract of the strength o	N1	1 1	\dashv		N + 1965 12
Bay Meadows/Wildflower	I-16	11/9/2011		7'2"		16 7		1					1						·		1												
					 	16-7		1	ļ	_		\vdash	1	┟╬┨		\dashv	_			├ -	 		 	\vdash		<u> </u>			<u> </u>		_		<u> </u>
Wildflower Ln	I-16	11/9/2011	L	5'10"		16-8	<u> </u>		L_		1		1	Щ	$oldsymbol{\sqcup}$		1							<u>L</u>									i

BENTON UTILITIES	JO IVIAI	T TOLL INC.			וכאט	N 11	C.	urfoc		21/6	105	مأم	_	N) ·	_												,	,	 		
							-	ігтасе Т	1	ove N	/ianh T	ole	₽-	Need	tor F	кераі	r		Re	pair I	Requirer	nent	ï			İ		1					
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	\ \ \	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1st	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair pleted	1 ()	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	일
Wild Rose	I-16	11/9/2011	, , , , , , , , , , , , , , , , , , ,	7'5"	1	16-8A				Ī	1	I	1	T							T T						十	 " " = "	T	+	╁	ᢡ	+==
Bay Meadows	I-16	1/4/2012		8'7"	1	16-9			1	1		1	1								1					ĺ	+	+	1	+-	1-	 	+
Bay Meadows	I-16	1/4/2012		5'5"	1	16-9A			1	1				1		1			<u> </u>		1	 	1			1	+	+	-	+	1	 	+
Bay Meadows	I-16	1/4/2012	under	drive	ı	16-10	1	1		1	1									 		 	-			<u> </u>	+-	+	+	+	+	-	
Wild Rose	I-16	11/9/2011		12'3"	1	16-11	1	1					1	1	1							1				1	+		1	+		\vdash	+
Mockingbird Cv	I-16	10/27/2011		5'6"	1	16-12	1	1		1	1		1	1													+-	+	1-	+	1	 	
Hummingbird Cv	I-16	10/28/2011		6'5"	1	16-13		†	1	1	T		1	1							1		 			<u> </u>	+	+	\vdash	+	+-	_	+
Hummingbird Cv	I-16	10/28/2011		7'8"	1	16-13A	1	1		1			1	 						<u> </u>		<u> </u>	 			<u> </u>	+	+	-	╁╌	 	\vdash	+
Wildflower Ln	I-16	10/28/2011		6'6"	1	16-14	1	1	1	1			1										 			<u> </u>	+	+	-	1	-	 	+
Wild Rose	I-16	11/9/2011		8'	ī	16-15		1					1						_ 15x 50mm								+		\vdash	+	-	 	+-
Hazelwood Dr	I-16	10/28/2011		6'4"	i i	16-16	1	1		1	1	1	1	1		1			-				1		··········		+	+	┼	+	-	 	
Hazelwood Dr	I-16	10/28/2011		7'1"	1	16-17			1		†	1	1									.					+	 	+	1		 	+
Bay Meadows	I-16	11/9/2011		7'	ī	16-18			1	1		1	1	1												1	+	 	╁	+		 	+
Bay Meadows	I-16	11/9/2011		6'5"	1	16-19	1						1														+		 	+	 	 	+
Butterfly Cv	I-16	11/9/2011		5'8"		16-20			1					1		1						1	1				+	+	\vdash	╁	 	 	+
Boone Rd	I-16	11/9/2011		7'6"	1	16-21		1		1	1	1	1	†					· · · · · · · · · · · · · · · · · · ·								+		 	┼		 	+-
Legacy Village Dr	I-16	11/9/2011		7'8"	1	16-22		1		1	 		1	1												. i	+	 		-	 	 	+-
Legacy Village Dr	I-16	11/9/2011		9'10"	1	16-23		1			1	1	1	1								1				1	+			+-	1	 	+
Legacy Village Dr	I-16	11/9/2011		6'6"	1	16-24		1 -		1	1	1	1	1							1						+-	+		1	-	 	+-
Patriot Cv	I-16	11/9/2011		7'	ı	16-25					1	1	1	1							1				,		+	†		+-	-	-	+-
Legacy Village Dr	I-16	11/9/2011		4'11"		16-26	1		1	1		1	1	1													+	1	\vdash	╁──	-	 	+
liberty Cv	I-16	11/9/2011		6'1"	ī	16-27			1			1		†		1							1				+	 	-	1			
Legacy Village Dr	I-16	11/9/2011		5'8"	1	16-28	1		1	1			1				1									<u> </u>	+	†	1—	 	-	 	+
Freedom Cv	I-16	11/9/2011		5'2"	i	16-29		1	1					1		1			-				1		- 1.		1		 	╁──		}	
Legacy Village Dr	I-16	11/9/2011		6'	T	16-30			1	t	1		1						· · · · · · · · · · · · · · · · · · ·			-					+	 	-	╂—		 	+
Legacy Village Dr	l-16	11/9/2011		5'10"	T	16-31		1		1						1							1			1	+-	1	-	 		 	+-
Legacy Village Dr	I-16	11/9/2011		6'2"	11	16-32	Ī		1		<u> </u>		1	1									_			 	1		 	1			+-
Heritage Oaks Dr	I-16	11/9/2011		5'10"		16-33			1			 	1	-					·	 	 	1				1	+-	1		1		 	+
Heritage Farms Dr	I-16	11/9/2011		8'2"		16-34			1		 -		1	_												-	1	 		1		 	+-
Heritage Oaks Dr	I-16	11/9/2011		10'3"		16-35			1						1				1	 			-	1		1	+		ļ	1		 	+
Royal Oaks Circle	1-16	11/9/2011		8'		16-36	T		1							1					-		1			} 	+		\vdash	1		 	+
Royal Oaks Circle	I-16	11/9/2011		9'6"		16-37		1	<u> </u>	1	1		1	1				- 1									+	1	-	 		-	-
Royal Oaks Circle	I-16	11/9/2011		10'4"	1	16-38	1					-	T		1	1						1				 	+			1-			
Royal Oaks Circle	I-16	11/9/2011		9'8"	1	16-39	<u> </u>		1							1			1	-	 					-	+-	 	-	1			+-
Royal Oaks Circle	I-16	11/9/2011		11'7"	1	16-40			<u> </u>	1	1	-		1	1						1	1	1			 	+	 		1	_		╅┙

				· · · · · · · · · · · · · · · · · · ·			Su	rface	Abo	ve M	anh	ole	1	veed	for R	lepai	r		Rep	oair F	Requiren	nent			Г								
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	№	Leak at 1anhole Jumber	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Grave	Grass	Wood		i		Low	No Access	Replace Manhole	Ber		Replace Cover/Outside		Seal Rim or Extension	Cementious Lining	Date	Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Peach Tree Ln	J-15	1/4/2012	1.00000	6'7"	1 1	15-57	13	<u> </u>	A		1	<u> </u>	e	٢	유		Š	0	ĎΞ	S	<u> </u>	3		100	Con	pleted	 e	e e b	٩	٥	윽	<u> </u>	10
Stonewall Dr	J-15	1/4/2012		10'1"	 ' -	15-57 15-58C	1—	-			1		1		\vdash	1							1	-		 	├ ─		<u> </u>		ightarrow		<u> </u>
Peach Tree Ln	J-15	1/4/2012		6'6"	-	15-580	1	1					1		-	1			1					 	<u> </u>	<u> </u>	-		_		\vdash		-
Hemlock Cv	J-15	1/4/2012		10'9"	'	15-60	1	1	1				1			1			1	 				-	<u> </u>	+	 		 				-
Hemlock Cv	J-15	1/4/2012		8'5"	-	15-61			-		1		1		\vdash							ļ	Tim. 11	 		1	╂—		-				—
Forge Dr	J-15	1/4/2012		7'2"	-	15-62	₽						1		\vdash											1	├		 		\vdash		
Stonewall Dr	J-15 J-16	1/4/2012		6'4"	1 ,	16-2	[-	1		1		1	\vdash	\vdash	1		·	4				4	-	 		╀—		_		ightarrow	<u> </u>	<u> </u>
Stonewall Dr	J-16	1/4/2012		6'11"	1 1	16-2	.	!					_			1			1				1	 		 	-		-				_
Clover Hill Ln	J-16 J-16	1/4/2012		6'	1	16-3	-		1				1												<u> </u>	1	1-		ļ		\vdash	 '	-
Buckeye Cv	J-16 J-16	1/4/2012		8'2"	1	16-4	!		1				1	\square	\vdash	4		ļ					4			1	╂		-			·	\vdash
Heritage Farms Dr	J-16	4/10/2013		9'4"	J	16-5	-		1		1				 	1		<u> </u>		ļ			1	ļ	24/	10/12	-		_			<u> </u>	<u> </u>
Clover Hill Ln	J-16	1/4/2012		7'5"	J	16-7	ļ				1					1						1		<u> </u>	04/	10/13	 		-		1	<u> </u>	—
Heritage Farms Dr	J-16 J-16	1/4/2012		7'1"	J	16-7	1	_	1												1	1		ļ		 	-		ļ		\vdash	ļ	₩
Peach Tree Ln	J-16 J-16	1/4/2012		10'1"	1 1	16-8	1	1	1		-			\vdash	-	1							1	ļ		1	╂				\vdash		\vdash
Clover Hill Ln	J-16 J-16	1/4/2012		8'6"	1	16-9	_		1				4	\vdash		1							1	<u> </u>		1	╂					<u> </u>	
Clover Hill Ln	J-16	1/4/2012		6'6"	J	16-10	1		1				1	 		1				-				 		1	╂—		 				-
Hemlock Cv	J-16	1/4/2012		7'11"	, ,	16-11	1		1				4	<u> </u>	\vdash	1		_					1			1	 		 -		$oldsymbol{oldsymbol{\sqcup}}$		
Heritage Farms	J-16	1/4/2012		10'5"	,	16-13		1	1				1	 	₩	-						1	4			i i	┼		 			<u> </u>	├-
Heritage Farms Dr	J-16	1/4/2012		5'2"	J	16-13	1	1	1				1	\vdash	\vdash	1						1	1			<u>[</u>	-		<u> </u>		\vdash	<u></u>	-
Forge Dr	J-16	1/4/2012		6'8"	-	16-14	╂		1				1		₩											<u> </u>	┼		_	-	 		—
Forge Dr/Clover hill	J-16	1/4/2012		6'8"		16-15	 	1	1				1	\vdash	\vdash				=/ -=* V/							1	ļ		_		 		-
Crepe Myrtel Cove	J-16	1/4/2012	, , ,	8'3"	-	16-17	1	1			1		1	 												,	-		_				
Bay Meadow	J-16	10/26/2011		10'2"	-	16-17	1	-	-		1			┟╌╌┦	+	1				<u> </u>						<u>}.</u>	-						
Bay Meadow	J-16	10/26/2011		10'6"	1	16-19	1		-		1				1	1							1			 	-			-			<u> </u>
Bay Meadow	J-16	10/26/2011		5'2"	1	16-20			1		1		1	-	1	1		-		ļ		-	1			 	-						-
Bay Meadow	J-16	10/26/2011		6'7"	1	16-21	 		1				1		 					-		-				1	-	 			\longrightarrow		
Crepe Myrtel Cove	J-16	1/4/2012		6'	,	16-21	1		1				1		 - 					<u> </u>		 		-	 	1	╂		_	\vdash			<u> </u>
Heritage Farm Dr	J-16	1/4/2012		7'2"	1	16-23	\mathbf{f}	1	1					H	\vdash	1				-		-	1			-	1				\longrightarrow	·	_
Heritage Farms Dr	J-16 J-16	1/4/2012		6'6"	- 1	16-23	1	1	1			-	1	1	 	1		H		<u> </u>		-	1	-	 		 			 		· · · · · · · · · · · · · · · · · · ·	
Crepe Myrtel Cove	J-16	1/4/2012	-	7'9"		16-24	1 -		1				-		\vdash	1		\vdash				 	1	-		1	+		-	-		<u> </u>	—
Millwood Dr	J-16	1/4/2012		6'6"	 	16-25	1		1				1		\vdash	1						1		 	-	<u> </u>	╂—			-	,		\vdash
Evergreen Dr	J-16 J-16	1/4/2012		12'4"	1	16-28	ऻ—		1			_	-		\vdash	1	,		:	-		-	1	-		-	-				,—-		-
Evergreen Dr.	J-16 J-16	1/4/2012		7'10"	1 ,	16-28 16-28A	1—	<u> </u>	1			-	1	1	-	1		-		-	 	 	-	-	-	-	┼						-
Mockingbird Cv	J-16 J-16	10/27/2012		6'8"	1 ,		-		+			-	1	1 1	-					<u> </u>		├	1	₩:	 	-	╂—	<u> </u>	_				-
Mockingbird Cv	J-16 J-16	10/27/2011		8'	·	16-30 16-31	 		1			<u> </u>	1	1	\vdash	_1_					<u> </u>	-	1	+	 	-	╂			\vdash			\vdash

							Sui	rface	Abo	ve Ma	anho	ole	N	leed .	for R	epai	r		Re	pair	Requirer	nent	· · · · · · · · · · · · · · · · · · ·						T	T			T
STREET ADDRESS	Grid No.	Date Visually	Unable to Access	Depth	N	Leak at Nanhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood	None	1s1	2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rim	Seal Rim or Extension	Cementious Lining		Repair pleted		Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Į
Mockingbird Cv	J-16	10/27/2011		7'7"	J	16-33		1		T			1	一			V.			T				T		10100	╈		屵	+=	屵	Ħ	屵
Cottonwood	J-16	10/26/2011		5'9"	J	16-34			1							1				1			1	1			+	 	+	+	+		+
Hazelwood Dr	J-16	10/26/2011		12'3"	j	16-35		1								1				1		ļ —	1	\vdash			-		+-	+-	+	<u> </u>	+
Hazelwood Dr	J-16	1/5/2012		8'4"	j	16-36										1			1				 				 	 	+-	+-	+		+
Evergreen Dr	J-16	1/5/2012		9'	J	16-37			1				1			-				╁	·			-			+	 	+	+	ightarrow		+
Millwood Dr	J-16	1/5/2012	1	5'10"	J	16-38		1					1	$\overline{}$	 					†	1		 	 	·	1	+-	 	+	+	+		+
Hazelwood Dr	J-16	1/5/2012		4'10"	J	16-38A			1	+					- 	1				1-	1.		1			1	+	+	+-	+	H	· · · · · ·	+
Shelby Dr	J-16	10/26/2011		12'11"	J	16-39					1	, 1	1		\vdash				· · · · · · · · · · · · · · · · · · ·	1			 	-		1:	+	 	+-	+	H	l	+
Shelby Dr	J-16	10/26/2011	1	10'1"	J	16-40					1		1	- 						1	1		 	1		<u>}</u> :	+	-	+-	+	\vdash		+
Butterfly Cv	J-16	10/26/2011		11'1"	J	16-41		1			1		1							1							+		+	+	\vdash		╁
Butterfly Cv	J-16	10/26/2011		7'5"	<u> </u>	16-42	H				1					1				 	1			1		1	+-		+	+-	╁		+
Butterfly Cv	J-16	10/26/2011	1	8'3"	J	16-42A			1		1		1			_									, ii,		+-	 	+	+	$\vdash \vdash \vdash$		╁
Shelby Dr	J-16	10/26/2011		10'3"	j	16-43	1				_		1	7						1			 	1		\	+	 	+	+-	$\vdash \vdash \vdash$		╁
Shelby Dr	J-16	4/10/2013		12'2"		16-44				\dashv	1					1					1	1		 	04/	10/13	-	 	+	+-	1		╁
Donna Dr	J-16	4/10/2013		12'10"	J	16-45				_	1	\neg			1	1	-			 		1				10/13		 	+-	+-	1		╫
Brenda Dr	J-16	10/26/2011	1 1		J	16-46							1	\Box			1			1	1	1			04/	10/13	+		+	+	+		+
Donna Dr	J-16	10/26/2011		11'9"	j	16-47			- 1	1			1				-			 		-			·	<u> </u>	+	 	+-	+	\vdash		╁
Brenda Dr	J-16	10/26/2011		13'8"		16-48	1						1							+				-	····	<u> </u>			+	+	$oldsymbol{oldsymbol{arphi}}$		╁
Shelby Dr	J-16	10/26/2011	1	5'10"	J	16-49					1		1					7	,	1							+		+	+	\vdash		+
Brenda Dr	J-16	10/26/2011		6'5"		16-50	1			$\neg +$			$\overline{}$			1			1			-	1			1	+		+	+	\vdash		+
Brook Ln	J-16	10/26/2011		7'2"	J	16-51				+	1	\neg	1	-					<u> </u>	1	<u> </u>			H		 	+	 	+	+	\vdash		+
Brook Ln	J-16	10/26/2011		7'1"		16-52					1		1							╁──	1						-		+	+'	\vdash		+
Shelby Dr	J-16	10/26/2011		6'10"	1	16-53	1		1	-+	-		1	\Box	\Box					1-	 	,	<u> </u>	1		}	-		+-	+	\vdash		+
Darla Dr	+	10/26/2011		6'7"		16-54	1			-			-+			1			1	1	1		1			1	-		+	 			+
Darla Dr	J-16	10/26/2011		5'1"		16-55				-	1		+		\Box	1				-	<u> </u>	_	1	1	2 H 1 1 1 1 1 1 1 1 1 1	 	+-	-	+-	+	╂	·	+
Maggie Dr	J-17	10/26/2011		6'		17-1	1				1	\dashv		/ 		1			1	┼	 		 -			 	+-		+	+	┟─┤		+
Brandy Dr	J-17	10/26/2011		7'9"		17-2	1		1		1		1		- 	-			<u> </u>	1	+		 	$f \rightarrow$		 	-		+	+-	\vdash		+
Loretta Ln	J-17	10/26/2011	<u> </u>	7'6"		17-3				\dashv	1	$\overline{}$	1	<u> </u>		-	- 1		·		-	 				-	+		+	+-	\vdash		+
Loretta Ln	J-17	10/26/2011	1	5'9"	1	17-4	-			$-\pm$	1		1	Agric	 			 		-						1.	+-		+	+	\vdash		+
Maggie Dr	J-17	10/26/2011	† 1	8'7"		17-5					1		1	 	-+				· · · · · · · · · · · · · · · · · · ·		1	-		1		1			+-	+	$\vdash \vdash \vdash$		+
Leanna Ln	J-17	4/11/2013		6'5"	1	17-6					1			\vdash	-+	1		 		-	 	1	 	-	04/	11/13	+	-	+	+	1		+
Maggie Dr	J-17	10/26/2011		10'9"	1	17-7			+		1	\dashv	1		\Box	_				+-		-	14,111		U4/	11/13	+-	7-2	+-	+	+	47	1
Leanna Ln	J-17	10/26/2011		8'5"	 	17-8				$\overline{}$	1		1	,DED?	\vdash	-				+-	 	 		\vdash	1.49.23	1	+		+	╂┤	\vdash	<u> </u>	+
Donna Dr	J-17	10/26/2011		7'10"	1	17-9	\vdash			-	1	\dashv	1	1	- 			\vdash	 	-	 	 		\vdash			 		+	+	\vdash		+
Donna Dr	J-17	10/26/2011		8'6"	+	17-10	1			+	-		1					-			 	—	 	\vdash		} 	+	 	+-	1-	$\overline{}$		+

							Su	rface	Abo	ve M	lanh	ole	ſ	Veed	for F	Repai	r		Re	pair	Require	ment			1		т	T	T	1		Γ	
STREET ADDRESS	Grid No.	Date Visually Inspected	Unable to Access	Depth	١	Leak at Manhole Number	Concrete Pavement	Asphalt Pavement	Sidewalk Pavement	Gravel	Grass	Wood			2nd	Low	No Access	Replace Manhole	Bench & Trough or Around Pipe	Remove Roots	Replace Cover/Outside	Raise Rin	Seal Rim or Extension	Cementious Lining		Repair	Manhole Replaced	Bench and Trough Repaired or Hole Sealed at Pipe	Roots Removed	Cover Replaced	Rim Raised	Extension or Rim Sealed	Lining Completed
Chapel[Ridge]Apt	J 17	10/26/2011		5'10''	" J"	17-11			1	1	1	1778 vid 1178 vid 1178 vid	47			12				<u> </u>		M.M	1	1 00	Haran A	AL AL	18-38					0. 3	
Chapel Ridge Apt	J-17	10/26/2011		4'7"	J	17-12					1		1							0003100.4	420 2000 102 1000	60-E8-12, 318				. iii 1982	# # COGO	2555 1 7465.5			Carrie	indicate and the	Residence of
Chapel Ridge Apt	J-17	10/26/2011		5'3"	j	17-13					1		1							1			 				1-		 	1-			+
Chapel Ridge Apt	J-17	10/26/2011		5'9"	J	17-14					1					1			·*····································			T-	1						 			<u> </u>	1-1
Chapel Ridge Apt	J 17			5'1"	JJ\$t	17, 15		Tarin.	3	2	12		1	21	-3/3			-	*****			36.1			F/N ()	F.	100		Part and the		THE THE		25 2.01
Chapel Ridge Apt	J-17	10/25/2011		4'6"	J	17-16					1					1			7: - 2 				1	374230.52	Paragraph (S.2.)	46244	And on.		620220		1.20011.0	1.24.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	Therese
Chapel Ridge Apt	J-17	10/25/2011		7'11"	J	17-17		1					1						**************************************														
Chapel Ridge Apt	J-17	10/25/2011		5'	J	17-18					1		1						· · · · · · · · · · · · · · · · · · ·								1	· · · · · · · · · · · · · · · · · · ·					
Chapel Ridge Apt						17-19	-			્ં	1		1				e y	in property		Page 1		V. 26							-	C.E	Z		39.00
Chapel Ridge Apt	J-17	10/25/2011		4'9"	J	17-21					1		1													78.1 100.0	. Williams	100	C/256 / \$968	2000	A.S. 888.9271	SHEET SECTION	3783323
Chapel Ridge Apt	J-17	10/26/2011		5'8"	j	17-22					1					1							1										
Brandy Dr	K-16	1/23/2012		5'3"	К	16-1			1							1							1				1 1	_					
Brandy Dr		1/23/2012	4.00	4'8"	K	16-2					⁷ 1	200 mm / 1	1	1		Y										30.0							
Alcoa Rd	K-17	1/23/2012		10'5"	К	17-1					1		1																		UNAL 222/4		85.28
Alcoa Rd	K-17	1/23/2012		7'4"	K	17-2					1		1																				
Mandy	K-17	1/23/2012		4'5"	K	17-3					1		1																				\vdash
	K-17	<u></u> 1/23/2012			€K 🖫	17.4					[1]		-			-19							12122		100								
Maggie Dr	K-17	1/23/2012		7'10"	K	17-5					1		1												10.10.10.1								- T
Totals			5		_		26	54	94	15	337	12	406	1	7	117		1	32	E	2	47	74										
Total No. Manholes	536	<u> </u>	- 1			<u> </u>	ا ۲	J-7	J-7		73/	14	700	-		11/	<u> </u>	+	32	5	2	47	71	4			0	0	0	0	21	0	0

Summary of Unaccounted Manholes

Table of Contents

I	***************************************		təəqspeə.id
səābd		,	jitle

	Original Number of Unaccounted	Manholes Remaining
Basin #	for Manholes	Unaccounted
1	24	10
2	116	116
3	176	115
4	32	15
5	173	35
6	57	14
7	40	34
8	115	72
9	15	2
10	124	43
11	68	5
Total	940	461
and the second s		
Need to Camera		
Basin 10		12
Basin 5		4
Basin 3		11
Basin 1		4
Total		31
Debris or Deep		
Basin 11		5
Basin 10		5
Basin 6		11
Basin 4		1
Basin 3		8
Basin 1		6
Total		36
· · · · ·		
Never Found		
Basin 6		4
Basin 5		1
Total		5
Total		<u> </u>
M.H with Bolts		
Basin 10		5
Basin 3		4
Total	<u> </u>	9
	· · · · · · · · · · · · · · · · · · · 	
Asphalt Over-Jackha	ammer	
Basin 10		7
Basin 7		10
Basin 6		7
Basin 5	· · · · · · · · · · · · · · · · · · ·	4
Basin 4		12
Basin 2		3
Total	to the second se	43
L	anholes Located but not inspected	124

Appendix 7 Benton Utilities Sanitary Sewer Gravity Main Repair Record

Table of Contents

Title	Pages
Summary Sheet	1
Basin 2	1
Basin 3	1
Basin 4	1
Basin 5	1
Basin 6	1
Basin 7	1
Basin 8	
Basin 9	1
Basin 10	1-2

W:\2011\11-5723 Benton Utilities - SSES Assistance\Project Documentation\Gravity Main Repair Record\Final Gravity Main Repair\
Gravity Line Repair All Basins 073113

		Gravity M	lain Leaks		Pi	pe Defect	/Repair R	equireme	nt		Rep	air Compl	eted	
Basin No.	Storm Drain	Asphalt Pavement	Sidewalk Pavement	Grass	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Point Repair (each)	Pipe Burst Length (ft)	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Point Repair (each)	Pipe Burst Length (ft)
1							IP							
2	0	1	0	2	1	3	0	0	945	0	1	0	0	357
3	0	6	0	10	2	13	0	5	2903	0	5	0	0	1302
4	0	3	0	6	0	6	2	3	2279	0	3	2	3	1191
5	2	11	0	12	16	19	4	0	5195	2	3	1	0	828
6	0	0	0	6	6	6	0	0	965	3	3	0	0	304
7	0	6	0	0	0	6	0	0	1261	0	0	0	0	0
8	0	0	0	5	0	5	0	0	979	0	0	0	0	0
9	0	2	0	0	0	2	0	0	720	0	0	0	0	0
10	0	19	1	24	14	36	1	1	10560	6	8	1	1	2131
11							IP							
Totals	2	48	1	65	39	96	7	9	25,807	11	23	4	4	6,113

IP - Basin in Progress

		-			G	ravity I	Main	ī								-												,
						Leak	S		(Cleaning an	d Video Insp	ectio	nn		Pipe	defec	ct/ Repair	r Require	emen	ts				Repair Co	omplete	d		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.		Storm Drain	Asphalt Pavement	Sidewalk Payament	Grass	Date	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in)	Ріре Туре	Date Determined	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)	Date	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)
Misty	K11	6/7/12	K11-10	K10-35A				1	11/12/12	K11-10	K10-35A	6	6	Conc	8/5/12		1		8"		357	11/12/12		1		8"		357
Misty & Banny	K-10	6/7/12	K10-20	EOL				1	3/21/13	K10-20	EOL	3	6	Conc	3/21/13	1	1		8"		115	.1						
Sherris	L-11	6/8/12	L10-53	L11-29		1			3/21/13	L10-53	L11-29	3	6	Conc	3/21/13		1		8"		473						$oldsymbol{ol}}}}}}}}}}}}}}}}}$	
			· · · · · · · · · · · · · · · · · · ·																									
	<u> </u>																		<u> </u>							<u> </u>	ـــــــ	ļ
			·				_											<u> </u>	ļ	ļ	Ĺ				<u></u>	<u> </u>	 	
							_	_			<u> </u>		ļ						<u> </u>	<u> </u>						 	 	
					<u> </u>	-	-	-			ļ	-	<u> </u>	-				 	-	ļ						-	—	<u> </u>
					-		+	-				 	├						├	├	ļ					 	₩	
						\vdash	+	+		······································	-		₩			 	·		-	├		ļ	 			 	┼	_
		,	• • • • • • • • • • • • • • • • • • • •			┝╌┼╴	\dashv	-				├	 							├	 					 	 	1.
							+	+			-	<u> </u>								-		 				 	\vdash	+
						 	+	+				1	 			-				-	<u> </u>	-				 	 	\vdash
	<u> </u>					1 1	+	+		***************************************		1	1			 			†							 	T	†
							十	1			<u> </u>	t	-	,,,,,,,,,,					1							T	†	
							\neg	1				T																
																									· · · · · · · · · · · · · · · · · · ·			
Totals					0	1	0	2								1	3	0		0	945		0	1	0		0	357

					G	avity	Main	1		· · · · · · · · · · · · · · · · · · ·										} 							
					Ŭ.	Leak			Cleaning an	d Video Inst	nectio	n		Pine	defe	ct/ Repai	r Peguir	men	te				Repair C	omplete	ad		
			-		\vdash					Tideo mis	T	 	<u> </u>	1 100	I	, '	l Kequii	I	T T	 				ompiet	T	Τ	1
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	То М.Н.	Storm Drain	Asphalt Pavement	Grass Sidewalk Pavement	Date	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in	Ріре Туре	Date Determined	Line Sag/Grease	Separation Joints/Root:	Objects Through Mair	Replace Pipe Size	Point Repair (each	Pipe Burst Length (ft)	Date	Line Sag/Grease	Separation Joints/Root	Objects Through Mair	Replace Pipe Size	Point Repair (each	Pipe Burst Length (ft)
511 Woodland	N10	6/20/12	N10-75	EOL			1	3/25/13	N10-75	EOL	5'	6"	conc	3/25/13		1		8"		80		ľ	<u> </u>		 	Ť	广
1411 Lenore	N10	6/20/12	N10-25	N10-26			1	3/25/13	N10-25	N10-26	5'	6"	conc	3/25/13	<u> </u>	1	 	8"	5		 				+	+	
1711 Teresa	N10	6/20/12	N9-17A	EOL		1	1	3/21/13	N9-17A	EOL	6'	6"	conc	3/21/13	<u> </u>	1		8"		350					+	+-	\vdash
Grapevine	N10	6/14/11	N10-51	N10-52		1	1	12/8/11	N10-51	N10-52	5'	6"	conc	12/8/11	<u> </u>	1		8"		130	12/14/11		1	<u> </u>	8"	<u> </u>	130
W. Saline Cir	N9	6/14/11	N9-1	N9-2			1	12/8/11	N9-1	N9-2	3'	6"	conc	12/8/11		1		8"		300	12/12/11		1		1	+	300
Forrest Ln	M11	8/12/11	M11-13	EOL			1	11/12/12	M11-13	EOL	5'	6"	conc	11/12/12	T	1		8"		342	12/12/12		1		8"	1	342
Pinewood Dr	N10	8/12/11	N10-31	N10-33			1	11/12/12	N10-31	N10-33	6'	6"	conc	11/12/12		1		8"		175			1		8"	\top	175
Pinewood Dr	N10	8/12/11	N10-33	N10-35			1	3/4/13	N10-33	N10-35	5'	6"	conc	3/11/13		1		8"		355	3/11/13		1	1	8"	1	355
Edgemoor	N10	8/12/11	N10-33	N10-37	1	1		11/12/12	N10-33	N10-37	5'	6"	conc	11/12/12		1		8"		296					1	1	
McNeil	M11	6/4/11	M11-82	M11-82A		1	1	12/8/11	M11-82	M11-82A	4'	6"	conc	12/8/11		1		8"		320							
Circle Dr	M11	6/4/11	M11-82A	M11-83		1		12/8/11	M11-82A	M11-83	3'	6"	conc	12/8/11		1		8"		130					T	T	
Lenore/Pinewood Cv		8/12/11	N10-11	M10-31			1	11/12/12	N10-11	M10-31	8'	6"	conc	11/12/12	1	1		8"		286				-			
Lenore/Pinewood Dr	N10	8/12/11	N10-11	N10-12		1		11/12/12	N10-11	N10-12	8'	6"	conc	11/12/12	1	1		8"		139							
							_					<u> </u>				l											
	<u> </u>											<u> </u>			<u> </u>												
					<u> </u>	\sqcup				-	1	<u> </u>				<u> </u>			<u> </u>				· · · · · · · · · · · · · · · · · · ·				
					<u> </u>		-		1		1				 			ļ	<u> </u>	ļ						<u> </u>	<u> </u>
Totala		,			اہے!	_	0 4	1	1	<u> </u>	ļ					1		<u> </u>	Ļ	ļ				ļ <u>.</u>	1	1	<u> </u>
Totals					0	6	0 10	'			L				2	13	0	1	15	2903	1	0	5	0	1	0	1302

		-			A3111		N / m ! ==													-		_					
					Gra	•	Main	1												1							
					<u> </u>	Leal	(S		Cleaning ar	d Video Ins	ectio	on	T	Pipe	defe	ct/ Repai	r Require	emen	its	<u> </u>			Repair C	omplete	<u>:d</u>		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	То М.Н.	Storm Drain	Asphalt Pavement	Grass Sidewalk Pavement	Date	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in)	Ріре Туре	Date Determined	Line Sag/Grease	Separation Joints/Roots	Objects Through Mair	Replace Pipe Size	Point Repair (each	Pipe Burst Length (ft	Date	Line Sag/Grease	Separation Joints/Root	Objects Through Mair	Replace Pipe Size	Point Repair (each	Pipe Burst Length (ft)
1101 W Smith	010	6/27/11	O10-41	010-38			1	11/12/12	O10-41	010-38	6'	6"	conc	8/5/11			1	8"		260	11/12/12			1 1	8"		260
South Stree	010	6/27/11	-			1	1							8/5/11			1	1	3		8/7/12		· 	1 1	†	3	
424 Jefferson	P10	6/28/11	P10-36	O10-43A			1	11/12/12	P10-36	O10-43A	4'	6"	conc	8/5/11		1		8"	1	347	11/12/12		1	1	8"	<u> </u>	347
609 Jefferson	P10	6/28/11	P10-38	P10-31			1	11/12/12	P10-38	P10-31	3'	6"	conc	8/5/11	1	1		8"			11/12/12		1		8"		306
Robinett	P10	6/28/11	P10-33A	O10-49			1	12/1/11	P10-33A	010-49	6'	6"	conc	8/5/11		1		8"		278	12/7/11		1		8"	†	278
Dale Ave	O10	6/28/11	010-18	010-15		1			010-18	010-15	4'6"	6"		2/23/12		1		8"	1	274					1	1	†
Banner	010	6/28/11	P10-4A	010-18		1			P10-4A	010-18	17'	6"	conc	2/23/12		1		8"		430				1		1	
Thelma	P10	6/28/11	P10-22	P10-15			_ 1		P10-22	P10-15	7'	6"	conc	2/23/12		1		8"		384							
	_			_																							
							_	<u> </u>																			
												<u> </u>															
				-	1 1		_					ļ															
				,		-					ļ									ļ							<u> </u>
						\dashv					ļ							ļ		ļ							
							_		<u> </u>		 	<u> </u>	1		ļ		_	ļ	ļ]					L_	
					1		_	-			<u> </u>	<u> </u>			ļ											<u> </u>	<u> </u>
Totals			· · · · · · · · · · · · · · · · · · ·	-	0	2	0 ε	 		_	1	<u> </u>	ļ		<u> </u>	<u></u> _			 						<u> </u>		<u> </u>
10(8)3					L	3	0 6	<u> </u>		L				1	0	6	2		3	2279	.	0	3	2	1 '	3	1191

			:		Gra	vity N	1ain L	eaks		Cleaning and	l Video Insp	ection	า		Pipe	defe	ct/ Repa	ir Requi	remer	nts				Repair C	Complet	ed		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	То М.Н.	Storm Drain	Asphalt Pavement	Sidewalk Pavement	Grass	Date	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in)	Pipe Type	Date Determined	Line Sag/Grease	Separation Joints/Roots	Objects Through Mair	Replace Pipe Size	Point Repair (each	Pipe Burst Length (ft	Date	Line Sag/Grease	Separation Joints/Root	Objects Through Mair	Replace Pipe Size	Point Repair (each	Pipe Burst Length (ft
Watson Place	N12	6/21/11	N12-54	N12-61				1	Heller	Sept-2013		12'	8"	conc	6/21/13		1		8"		483			<u> </u>	<u> </u>	1		
Terry Circle	N12/13	6/22/11	N13-8	N12-74				1	6/22/11	N13-8	N12-74	5'	6"	conc	6/22/11	1	1		8"		252					1		
Terry Circle	N12	6/22/11	N12-74	N12-73		1		1	6/22/11	N12-74	N12-73	5'		conc	6/22/11	1	1		8"		137							
Terry Circle	N12	6/22/11	N12-73	Ductle		<u> </u>	<u></u>	1	6/22/11	N12-73	Ductle	6'	1	conc	6/22/11	1	1		8"		115							
Short & Conway	011	6/27/11	011-45	EOL	1		<u> </u>		6/27/11	011-45	EOL	3'5"	6"	Clay	6/27/11	1	1		8"		182					1		
E Sevier/Lillian	012	6/21/11	012-17	EOL	1	1			Dye Test	012-17	EOL	5'	6"	conc	6/21/11		1	1	8"		224					1		
Tulane	012	6/23/11	012-37	EOL		1			6/23/11	012-37	EOL	6'5"		conc	6/23/11		1		8"		271							
S Richards/N Walnut	P11	6/27/11	P11-13	P11-64		1			11/16/11	P11-13	P11-64	4'	8"	conc	11/16/11	1	1		8"		298	11/16/11	1	1		8"		298
West Hazel	P11	7/13/11	P11-7A	P11-8				1	3/14/13	P11-7A	P11-8	5'	12"	conc	3/14/13	1	1	1	12"		195					1		
Burton	P11	6/22/11	P11-10	P11-8				1	3/13/13	P11-10	P11-8	6'	6"	conc	3/13/13	1	1		6"		130	3/13/13	1	1		6"		130
Park Ln	013	6/23/11	013-3	013-1		1			9/16/11	O13-3	013-1	6'	6"	conc	9/16/11	1	1		1		212					1	<u> </u>	
S.Richards st	P11	6/22/11	P11-13	P11-64		1			11/16/11	P11-13	P11-64	5'		conc	11/16/11		1		8"		300	11/17/11		1		8"		300
Lillian St & Conway	011	6/23/11	011-23				<u> </u>	1	11/16/11	011-23		4'	6"	conc	11/16/11			1	6"		100	11/16/11			1	6"		100
Fourth st	P12	6/21/11	P12-35	P12-50		1				P12-35	P12-50	6'	8"	conc	6/21/13	1	1		8"		380							
Columbia/Fourth	P12	6/21/11	P12-40	EOL	<u> </u>	1				P12-40	EOL	8'		conc	6/21/13		1		8"		232							
Columbia/cox	P13	6/21/11	P13-33A	P13-34	<u> </u>	1				P13-33A	P13-34	2'	1	conc	6/21/13	1	1		8"		203							
Columbia/Revis	P13	6/21/11	P13-33	P13-33A		1			·	P13-33	P13-33A	4'		conc	6/21/13	1	1		8"		263							
Hiland to Cox	N13	6/21/11	N13-54	N13-13A				1		N13-54	N13-13A	8'	6"	duct	8/25/11	1			8"		242							
Hiland to Cox	N13	6/21/11	N13-13A	N13-13				1		N13-13A	N13-13	8'	6"	duct	8/25/11	.1			8"		189							
Hiland to Cox	N13	6/21/11	N13-13	N13-14				1		N13-13	N13-14	5'		duct	8/25/11	1			8"		121							
Hiland	N13	6/21/11	N13-53	N13-54				1		N13-53	N13-54	8'	6"	conc	8/25/11	1	1		8"		296					1		
Hiland	N13	6/21/13	N13-54	N13-55		1				N13-54	N13-55	4'	6"	conc	8/25/11		1		8"		270							
Lillian	O12	6/21/11	N/A	EOL				1		N/A	EOL	3'	6"	conc	8/5/11	1	1	1	8"		100							
					<u> </u>																							
Totals					2	11	0	12								16	19	4		0	5195		2	3	1		0	828

					G	ravity	Main									·												
						Leak	s		(Cleaning an	d Video Ins	ectio	on		Pipe	defe	ct/ Repai	r Requir	emen	ts				Repair C	omplete	d		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	То М.Н.	Storm Drain	Asphalt Pavement	Sidewalk Davement	Da	te	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in)	Ріре Туре	Date Determined	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)	Date	Line Sag/Grease	Separation Joints/Roots	. Objects Through Mair	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)
Hwy 35	Q13	8/2/11	Q13-16	Q14-9				1 12/1		Q13-16	Q14-9	9'	8"	clay	8/5/11	1	1		8"		100	12/11/12	1	1		8"		100
Hwy 35	Q14	8/2/11	Q14-9	Q14-10				1 12/1		Q14-9	Q14-10	8'	8"	clay	8/5/11	1	1		8"		154	12/11/12	1	1		8"		154
Hwy 35	Q14	8/2/11	Q14-10	Q14-11	ļ		:	1 12/1	2/12	Q14-10	Q14-11	7'	8"	clay	8/5/11	1	1		8"		50	12/12/12	1	1		8"		50
Reed st	Q14	8/2/11	Q14-2	Q14-3			:			Q14-2	Q14-3	8'	8"	Clay	8/14/11	1	1		8"		208							
Reed st	Q14	8/2/11	Q14-3	Q14-4		-		_		Q14-3	Q14-4	6'	8"	clay	8/14/11	1	1		8"		92							
Reed st	Q14	8/2/11	Q14-4	Q14-11	_		:	L	,	Q14-4	Q14-11	6'	8"	clay	8/14/11	1	1	<u> </u>	8"		361						<u> </u>	
			 		<u> </u>	 		-		····								<u> </u>	1							1		
			- :		ļ		-			·		ļ	 					<u> </u>	1						ļ		ļ	
					-	\vdash		-		· ·																		
								-				 							-		j S					<u> </u>	ļ	
					 		+	+		 .		 	1						-						<u> </u>	-	\vdash	$\vdash \vdash \vdash$
								1								 	 		+				-		<u> </u>	-	-	$\vdash\vdash\vdash$
						-						 				 	-	 	1-					····	<u>. </u>	1	 	\vdash
														-					+								1	\vdash
							\top	Ī.				1	1	12 5												†	1	
								,																,		\vdash	 	
																, i								··· .··		†	†	
Totals					0	0	0 (5		,						6	6	0		0	965		3	3	0	1	0	304

					G	ravity	/ Mai	in		,						-												
						Lea	iks		Cleaning and Video Inspection Pipe Pipe Size Size From Manh Date Pipe Size						Pipe	defe	ct/ Repai	ir Requir	emer	nts				Repair C	omplete	d		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	To M.H.	Storm Drain	Asphalt Pavement	Sidewalk Pavement	Grass	Date	From Manhole		Depth	Size	Ріре Туре	Date Determined	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)	Date	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)
Silica Heights	Q15	11/13/12	Q15-23	Q15-24		1				Q15-23	Q15-24	16'4"	8"	clay	11/15/12		1		8"		118					T	Ī	
Silica Heights	Q15	11/13/12	Q15-24	Q15-25		1				Q15-24	Q15-25	8'10"	8"	clay	11/15/12		1		8"		200					1		
Silica Heights	Q15	11/13/12	Q15-25	Q15-26		1				Q15-25	Q15-26		8"	clay	11/15/12		1		8"		77							
Silica Heights	Q16	11/13/12	Q16-23BR	Q16-27	L	1								clay	11/16/12		1		8"		405							
Silica Heights	Q16	11/13/12	Q16-27	Q16-26	<u> </u>	1				1				clay	11/16/12		1		8"		105							
Silica Heights	Q16	11/13/12	Q16-26	Q16-40	1	1				Q16-26	Q16-40	12'8"	8"	clay	11/16/12		1		8"		356		igsqcut			<u> </u>	<u> </u>	<u> </u>
	ļ				<u> </u>							ļ							ļ			····				ļ	↓	<u> </u>
					┡	\vdash						_														↓	<u> </u>	├ ─
			٠	,	-	\vdash			· · · · · · · · · · · · · · · · · · ·														\vdash			<u> </u>		
					┢	-												****	ļ				\vdash			ļ	-	
					-	╂╌┨						-							1	1		-x	11			+	-	├─
· · · · · · · · · · · · · · · · · · ·					 	+						-			· · · · · · · · · · · · · · · · · · ·				 	1		· · · · · · · · · · · · · · · · · · ·	+			 	 	
	-				\vdash	╂ ┨	+				·	.				-							+			+-	-	\vdash
						\Box						-				-				1			1			+	 	\vdash
			· .	·	T											 			-	-			+			 	 	\vdash
														10.00						- 1						1		
					İ									,									\vdash			†—	1	\vdash
Totals					0	6	0	0		1				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·	0	6	0	0	0	1261		0	0	0	0	0	0

					G	ravity	Main	1			,						· · · · · ·											
						Leal	s			Cleaning an	d Video Insp	ectio	n		Pipe	defe	ct/ Repai	r Require	emen	ts				Repair C	omplete	d		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	То М.Н.	Storm Drain	Asphalt Pavement	Sidewalk Pavement	Grass	Date	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in)	Ріре Туре	Date Determined	Line Sag/Grease	Separation Joints/Roots	Objects Through Mair	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)	Date	Line Sag/Grease	Separation Joints/Roots	Objects Through Mair	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft
Blaylock Line	Q-14	8/2/11	Q14-27	P14-22				1	11/26/12	Q14-27	P14-22	6'7"	8"	clay	11/26/12		1		12"		233					T	Ť	
Blaylock Line	P-14	8/2/11	P14-22	P14-21					11/26/12	P14-22	P14-21	7'6"		clay	11/26/12		1		12"		102							
Blaylock Line	P-14	8/2/11	P14-21	P14-20	<u> </u>			_	11/26/12	P14-21	P14-20	7'3"		clay	11/26/12		1		12"		143							
Edison/Blaylock line	P-14	8/2/11	P14-20	P14-12	<u> </u>				11/26/12	P14-20	P14-12	7'9"		clay	11/26/12		1		12"		399							
Edison/Blaylock line	P-14	8/2/11	P14-12	P14-15	1			1	11/26/12	P14-12	P14-15	7'7"	8"	clay	11/26/12		1		12"		102							
<u></u>							_	4								ļ												
					ļ					1. 724			<u> </u>			ļ												
					-	-		-					ļ			ļ			 							<u> </u>	<u> </u>	
					1		-						-			ļ			-								1	igspace
					1	-						-				-			 								<u> </u>	igspace
						 	+	-								 			 							 	╂—	├
					<u> </u>		\dashv	+					 			 			 						ļ	 	1	
								十			, , , , , , , , , , , , , , , , , , , ,					-	 		1	-						-	-	+
							1	1			è.	· · · · · · · · · · · · · · · · · · ·				1			 				 		 	+-	\vdash	
											,					†	 	 							· · · · · ·	\vdash	1	+
																1									<u> </u>	 		
																						· · · · · · · · · · · · · · · · · · ·				 	1	$\vdash \vdash \vdash$
Totals		-			0	0	0	5		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						0	5	0	0	0	979		0	0	0	0	0	0

					G	ravit	у Ма	in										· · · · · · · · · · · · · · · · · · ·					-					
						Le	aks			Cleaning a	nd Video Ins	pectio	n		Pipe	defe	t/ Repai	r Require	emen	ts				Repair Co	omplete	d		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	То М.Н.	Storm Drain	Asphalt Pavement	Sidewalk Pavement	Grass	Date	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in)	Ріре Туре	Date Determined	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)	Date	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)
Algood	P13	6/22/11	P13-42	P13-40		1				P13-42	P13-40	4'8"	6"	conc	8/15/12		1		8"		450					1		
Algood	P13	6/22/11	P13-40	P13-37		1				P13-40	P13-37	4'10"	6"	conc	8/15/12		1		8"		270							
			.,			<u> -</u>																				<u> </u>	<u> </u>	<u> </u>
· · · · · · · · · · · · · · · · · · ·	ļ	<u> </u>			<u> </u>	ļ	 			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u> </u>	<u> </u>			ļ			<u> </u>		ļ		ļ			ļ	<u> </u>	<u> </u>
						↓	↓			,,			↓			ļ			ļ							 	┼	—
**					-	-	1-					-	-		·	-										ļ	 	
· · · · · · · · · · · · · · · · · · ·	<u> </u>		<u> </u>			┼	-	-				 	┼			├			├	-						-	┼	
					╂	1	\vdash	\vdash				┼	-		····	-				-			ļi			 	├─	
	 					╁	1					 	+		· · · · · · · · · · · · · · · · · · ·				-				-			 	一	
		<u> </u>			lacktriangledown	+-		 											 	-							\vdash	\vdash
					1	1	1	1				<u> </u>	1			1				<u> </u>	 		 			 	一	\vdash
				L.	T	1	1						1			1	<u> </u>		1									
									•				1															
		ļ												<u></u>		<u> </u>												
					<u> </u>	\downarrow]		<u> </u>	igspace						<u> </u>								Ļ	
Totals				<u></u>	0	2	0	0			<u> </u>					0	2	0	0	0	720		0	0	0	0	0	0

RENION OTILITIES 23	JUNAVII	I IVIAIIV	NEFAIRI	NECORD	_	ASIN			<u>.</u>					 														
					G		y Ma	in																				
			,		<u> </u>	Lea	aks			Cleaning	and Video Ir	spect	ion		Pipe o	lefect	/ Repair	Requ	irem	ents			R	Repair Co	mple	ted		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	То М.Н.	Storm Drain	Asphalt Pavement	Sidewalk Pavement	Grass	Date	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in)	Ріре Туре	Date Determined	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)	Date	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft)
3801 - 3805 Deer Trail,										,								T			S					1		
Deer/Dark Forest	l14	5/31/11	114-42	114-37		1	1		11/14/12	114-42	114-37	8'	8"	conc	11/14/13	1			8"		330					1		
Rollingbrook	K-15	6/6/11	K15-29	K15-30A				1	8/25/13	K15-29	K15-30A	5'	8"	conc	08/25/11		1		8"		267							
Rollingbrook	K-15	6/6/11	K15-52	K15-52A				1	8/25/11	K15-52	K15-52A	7'	8"	conc	08/25/11		1		8"		254							
Rollingbrook	K-15	6/6/11	K15-47	K15-42				1	8/25/11	K15-47	K15-42	7'	8"	conc	08/25/11		1		8"		205							
Rollingbrook	K-15	6/6/11	K15-30A	K15-47				1	8/25/11	K15-30A	K15-47	5'	8"	conc	08/25/11		1		8"		129							
Pamela	J14	6/6/13	J14-38	J14-45				1		J14-38	J14-45	4'	6"	conc	07/05/12		1		8"		140					1		
Pamela	J14	6/1/11	J14-42	J14-48				1		J14-42	J14-48	5'	6"	conc	07/05/12		1	 	8"		310				-	 	╁	
Pamela	J14	6/1/11	J14-45	J14-46				1		J14-45	J14-46	5'	6"	conc	07/05/12	1		 	8"		200		 		†	 	 	
Pamela	J14	6/1/11	J14-48	J14-49A				1		J14-48	J14-49A	6'	6"	conc	07/05/12		1		8"		168				 	 	+	
2009 Cedarhurst	L14	6/9/11	L14-9	EOL				1	12/8/11	L14-9	EOL	6'	6"	conc	12/08/11	1	1	1	8"		220	12/14/11	1	1	 	8"	\vdash	220
Melrose	L13	6/9/11	L13-36	L13-43				1	12/8/11	L13-36	L13-43	8	8"	conc	12/08/11	1	1	1	8"		232	12/14/11	1	1	†	8"	\vdash	232
Melrose	L14	6/9/11	L14-3	L14-2			-	1	10/12/12	L14-3	L14-2	5'	6"	conc	10/12/12	1	1	1	8"		260	10/12/12	1	1		8"	\vdash	260
Melrose	L13	6/9/11	L13-42	L14-3				1	10/17/12	L13-42	L14-3	4'	8"	conc	10/17/12	1	1		8"		202	10/17/12	1	1		8"		202
Kyle	L13	6/10/11	L13-26	L13-28		1			10/17/12	L13-26	L13-28	8'	6"	conc	10/17/12	1	1		8"		138	10/17/12	1	1	1	8"		138
Longview	L13	6/10/11	L13-19	EOL				1	12/8/11	L13-19	EOL	6'	6"	conc	12/08/11		1		8"		308	12/14/11		1	† • • • •	8"		308
Longview	L13	6/10/11	L13-29	L13-32				1	12/8/11	L13-29	L13-32	9'	8"	conc	12/08/11	1	1		8"		550	12/14/11	1	1		8"		550
1714-1723 W Lakeview	L14	6/8/11	L14-39	EOL		1			3/28/13	L14-39	EOL	5"	6"	conc	03/28/13	1			8'		485							
Lynnwood Dr	M14	6/9/11	M14-66	EOL		1				M14-66	EOL	4'	6"	conc	08/25/11		1		8"		220	· · · · · · · · · · · · · · · · · · ·		<u> </u>				
Lynnwood Dr	M14	6/9/11	M14-66	M14-65		1				M14-66	M14-65	7'	6"	conc	08/25/11		1		8"		386							i
Brookview	M14	6/9/11	M14-16	M14-13				1		M14-16	M14-13	5'	6"	conc	08/25/11		1		8"		303							
Brookview	M14	6/9/11		M14-28		1		1		M14-21	M14-28	3'	6"	conc	11/14/11	1	1		8"		140							
Brookview	M14	6/9/11	M14-38	EOL				1	3/4/13	M14-38	EOL	3'	6"	conç	03/04/13		1		8"		221	03/04/13		1		8"		221
Shadow Ln	M14	6/9/11	M14-28	M14-22A		1			3/4/13	M14-28	M14-22A	7'	6"	conc	09/30/11	1	1		8"		220							
Adrian	N13	6/14/11	N13-21	N13-22				1		N13-21	N13-22	6'	6"	conc	09/30/11		1		8"		255							
Houston-Newcomb cv	013	6/14/11	N13-65	013-19				. 1		N13-65	013-19	5'	6"	conc	09/30/11		1		8"		250							
624 - 626 Newcomb	N13	6/14/11	N13-50	N13-51		1			9/30/11	N13-50	N15-51	4'	6"	PVC	09/30/11			1	8"	1	İ	09/30/11			1			
401 Rosewood	014	6/14/13	014-9	N14-7		1			8/25/11	O14-9	N14-7	8'	6"	clay	08/25/11		1	T -	8'	 	500	00,00,11			_		 	
Rosewood	014	6/14/13	014-9	014-8		1			8/25/11	014-9	014-8	7'	8"	clay	08/25/11		1		8"		244	-					\vdash	
Rosewood	014	6/14/11	O14-8	014-7		1			8/25/11	O14-8	014-7	! 5'	8"	clay	08/25/11		1		8"	\vdash	-172						├─┤	
1627 Harmon	013	6/14/11	013-34	013-31		1		1	3/27/13	013-34	013-31	5'	8"	conc	03/27/13	1	1		8'		304			-,,-			\vdash	
Harmon	014	6/14/11	014-7	O14-13A		1	7			014-7	O14-13A	3'	8"	conc	08/25/11		1		8"		390							

BENTON UTILITIES S	S GRAVIT	Y MAIN	REPAIR I	RECORD	В	ASIN	10																					
					(y Ma	in																				
						Le	aks			Cleaning	and Video Ir	spec	tion		Pipe o	lefect	/Repair	Requ	irem	ents			R	Repair Co	mple	ted		
STREET ADDRESS	Grid No.	Date Smoke Tested	From M.H.	То М.Н.	Storm Drain	Asphalt Pavement	Sidewalk Pavement	Grass	Date	From Manhole	To Manhole	Pipe Depth (ft)	Pipe Size (in)	Ріре Туре	Date Determined	Line Sag/Grease	Separatior Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each	Pipe Burst Length (ft	Date	Line Sag/Grease	Separation Joints/Roots	Objects Through Main	Replace Pipe Size	Point Repair (each)	Pipe Burst Length (ft
Harmon	013	6/14/11	014-1	O13-34		1		1	3/27/13	014-1	013-34	6'	8"	conc	03/27/13	1	1		8'		315		0	<u> </u>	+2			<u> </u>
Desoto	N14	6/9/11	N14-29	N14-20				1		N14-29	N14-20	4'	6"	conc	08/25/11		1		8"		225	· · · · · · · · · · · · · · · · · · ·	 		†	 	\vdash	
Fernwood	N14	6/9/11	N14-71	N14-15		1				N14-71	N14-15	5'	6"	conc	08/25/11		1	† —	8"		310	·····			+	\vdash	 	
Fernwood	N14	6/9/11	N14-15	N14-16		1				N14-15	N14-16	7'	6"	conc	08/25/11		1		8"		358		 		1	\vdash	\vdash	
Fernwood	N14	6/9/11	N14-16	N14-17		1				N14-16	N14-17	7'	6"	conc	08/25/11		1		8"		207		†			┝─┤	\vdash	
Fernwood cove	N14	6/9/11	N14-14	N14-17				1		N14-14	N14-17	5'	6"	conc	08/25/11		1		8"		171	 	<u> </u>			\vdash	\vdash	
Rosewood	N14	6/9/11	N14-16	N14-18		1				N14-16	N14-18	6'	6"	conc	08/25/11		1		8"		320		 		†	\vdash		
Rosewood	N14	6/9/11	N14-18	N14-21				1		N14-18	N14-21	8'	6"	conc	08/25/11		1		8"		205		 		+		\vdash	
Jameson Ave	M13	6/9/11	M13-22	M13-19		1				M13-22	M13-19	4'	6"-4"	conc	08/25/11	1	1		8"		446		1			 		
								1																	-	 		
																									 	 	- 	
													1													 		
																										\vdash	$\overline{}$	
Totals	<u> L</u>				0	19	1	24								14	36	1	-	1	10,560		6	8	1	\vdash	1	2,131

Appendix 8 Benton Utilities Service Line Repair Record

Table of Contents

Title	Pages
Summary Sheet	1
Basin 1	2
Basin 2	3-4
Basin 3	5-6
Basin 4	
Basin 5	9-19
Basin 6	20
Basin 7	21
Basin 8	.,,22-23
Basin 9	24
Basin 10	2 5-30
Rasin 11	31

W:\2011\11-5723 Benton Utilities - SSES Assistance\Project Documentation\Service Line Repair Record\
Tracking Service Line Repair 020113

BENTON UTILITIES SERVICE LINE REPAIR RECORD SUMMARY

			Clean Out	Service Line
Basin No.	Clean Out Leaks	Service Line Leaks	Repaired	Repaired
1	7	0	7	0
2	18	7	18	7
3	43	8	43	8
4	36	10	36	10
5	140)	121	140	121
6	6	7	6	7
7	4	6	4	6
8	29	2	29	2
/_ · s . [9] s	6	2	6	2
10	96	41	96	41
11	14	0	14	0
Totals	399	204	399	204

"W:\2011\11-5723 Benton Utilities - SSES Assistance\Project Documentation\Service Line Repair Record\
Tracking Service Line Repair 020113

						Date Owner	Date Repair			f
			:	Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
2521 Durango Drive	1	(G-9)	08/10/11	1		11/29/11	100 - 100 -	01/06/12	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1109 Stamford Dr	1	H-10	08/12/11	1		12/08/11		01/06/12	1	
1103 Oxford Ave	1	H-10	08/12/11	1		12/02/11		12/07/11	1	
1004 Norwich	1	H-10	08/12/11	1		11/29/11		12/16/11	1	
4005 Norwich	1	H-10	08/12/11	1	September 1	11/29/11	1000年	01/07/12	1	7.10
922 Stamford	1	H-10	08/12/11	1		11/29/11		12/06/11	1	
1115 River Oaks	1	J-10	08/10/11	1		11/29/11		12/08/11	1	
				10.000 To 10.000 10.000 To 10.000	400 cm 24 cm - 200 cm					
Total for Basin				7	0			:	7	0

						Date Owner	Date Repair			
						Notified	Inspected	Date Repair		
			Date Smoke	Clean Out	Service Line	Repair	Still Not	Inspected &	Clean Out	Service Line
STREET ADDRESS	Basin No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
#7 Pheasant dr.	2	I-11	06/05/12	1		06/11/12		06/20/12	1	
#4 Pheasant dr.	2	I-11	06/05/12	1		06/11/12		06/19/12	1	
3010 Salt Creek rd	2	J-11	06/05/12	1		06/11/12		06/28/11	1	
816 Leigh st	2	J-11	06/05/12	. 1		06/11/12		06/26/12	1	
215 Sharon Oaks ct	2	J-12	06/06/12	1		06/11/12		06/25/12	1	
815 Misty dr	2	K-11	06/07/12	1		06/11/12		06/19/12	1	
1606 McCurdy cv	2	L-11	06/08/12	1		06/11/12		06/29/12	1	
909 Greenhill rd	2	L-11	06/08/12	1		06/11/12		07/09/12	1	
609 Miller cv	2	L-11	06/07/12	1		06/11/12		09/19/12	1	
924 Nottingham	2	M-10	06/08/12	1		06/11/12		06/22/12	1	-
1104 Kenwood	2	M-10	06/08/12	1		06/11/12		06/20/12	1	
1113 Nature Way	2	G-12	06/05/12	1		ourself		06/05/12	1	
1220 Nature Way	2	G-12	06/05/12	1		ourself		06/05/12	1	
208 Greenfield	2	J-12	06/05/12	1		ourself		06/05/12	1	
1706 Volcanic	2	K-10	06/14/12	1		ourself		06/14/12	1	
2502 Twin Oaks	2	K-10	06/06/12	1		ourself		06/06/12	1	
222 Elaine	2	K-12	06/06/12	1	:	ourself		06/06/12	1	
1300 Cambridge rd	2	M-10	06/08/12	1		ourself		06/08/12	1	
3505 Valley Vista Cir	2	I-11	06/05/12		1	06/11/12		06/26/12		1
3206 Salt Creek rd	2	I-11	06/05/12		1	06/11/12		07/03/12		1
3516 Salt Creek	2	l-11	06/05/12		1	06/11/12		07/05/12		1
3217 Sharon	2	J-12	06/06/12		1	06/11/12		06/22/12		1
305 Beverly dr	2	K-11	06/07/12		1	06/11/12		06/26/12	· · · · · · · · · · · · · · · · · · ·	1
1121 McCurdy	2	M-10	06/08/12		1	06/11/12		06/21/12		1

					-	Date Owner	Date Repair			
-						Notified	Inspected	Date Repair		
			Date Smoke	Clean Out	Service Line	Repair	Still Not	Inspected &	Clean Out	Service Line
STREET ADDRESS	Basin No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
1100 Cambridge dr	2	M-10	06/08/12		2.5/15 ₄ .j	06/11/12	\$ 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1	07/18/12	14.23 4. 22.24.22	1 4
Total for Basin				18	7				18	7

						Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin	:	Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
Summerwood Apt	3	I-13	06/14/12	6		06/21/12		06/25/12	6	·····
#9 Summerwood Dr	3	J-13	06/14/12	1		06/21/12	:	07/11/12	1	
411 Elaine	3	K-12	06/15/12	1		06/21/12		07/03/12	1	
1320 Sharon rd	3	M-11	06/15/12	1		06/21/12		06/29/12	1	· - · · ·
#1 Medical Park dr	3	M-12	06/18/12	1		06/21/12		06/26/12	1	
114 Trout	3	0-9	06/22/12	1		ourself		06/22/12	1	
302 Pike	3	0-9	06/21/12	1		ourself		06/21/12	1	
15228 I-30	3	0-9	06/21/12	4		ourself		06/21/12	4	
#6 Azalea	3	L-11	06/20/12	1		ourself		06/20/12	1	
28 Azela cir	3	L-11	06/20/12	1		ourself		06/20/12	1	
411 Woodland	3	N-10	06/20/12	1		ourself		06/20/12	1	
311 Crouch	3	0-9	06/20/12	1		ourself		06/20/12	1	
2012 W. Sevier	3	M-9	06/20/12	1		ourself		06/20/12	1	
711 N. Market	3	N-11	06/19/12		1	ourself		06/19/12		1
822 Main	3	M-11	06/19/12	1		ourself		06/19/12	1	
108 Dogwood	3	L-11	06/19/12	1	:	ourself		06/19/12	1	
711 N. Market	3	N-11	06/18/12	2		ourself		06/18/12	2	
917 Heights	3	M-11	06/19/12	1		ourself		06/19/12	1	
909 Heights	3	M-11	06/19/12	1		ourself		06/19/12	1	
1210 Old Hotsprings hy	3	M-11	06/19/12	3		ourself		06/19/12	3	
1229 Old Hotsprings hy	3	M-11	06/19/12	1		ourself		06/19/12	1	
823 Heights	3	M-11	06/19/12	1		ourself		06/19/12	1	
17916 B I-30	. 3	K-13	06/18/12	1		ourself		06/18/12	1	

ŀ						Date Owner	Date Repair			
	t i			Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
815 Crestwood	3	N-11	06/18/12	1		ourself		06/18/12	1	
1500 Sharon rd	3	M-11	06/15/12	1		ourself		06/15/12	1	
1037 Kelly dr	3	K-13	06/15/12	1		ourself		06/15/12	1	
1500 Kelly dr	3	K-13	06/15/12	1		ourself		06/15/12	1	
1320 Sharon rd	3	M-11	06/15/12	1		ourself		06/15/12	1	
2522 Old Congo rd	3	K-13	06/14/12	1		ourself		06/14/12	1	
1311 Orleans court	3	I-13	06/14/12	1		ourself		06/14/12	1	
1718 Deerfield	3	J-13	06/14/12	1		ourself		06/14/12	1	
1617 Deerfield	3	J-13	06/14/12	1		ourself		06/14/12	1	:
1427 Orleans ct	3	I-13	06/14/12	1		ourself		06/14/12	1	
1209 Coper Creek	3	I-13	06/14/12		1	06/21/12		07/05/12		1
619 Woodland dr	3	N-10	09/12/12		1	09/12/12		09/21/12		1
419 Maryland dr	3	N-10	06/18/12		1	06/21/12		06/29/12		1
809 Crestwood dr	3	N-11	06/18/12		1	06/21/12		07/05/12		1
121 Crouch	3	0-9	06/20/12		1	06/25/12		06/28/12		1
15228 I-30	3	0-9	06/21/12		1	06/25/12		08/03/12		1
1024 W. Sevier st	3	0-10	06/18/12		1	06/26/12		07/24/12		1
Total for Basin				43	8				43	8

						Date Owner	Date Repair			
		ļ.		Clean	Service	Notified	Inspected	Date Repair	Ĩ	Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
1321 W. Maple st	4	O-10	06/28/12	1		07/06/12		07/13/12	1	
1410 W. South st	4	0-10	06/28/12	3		07/06/12		07/25/12	3	
1310 Commerce st	4	Q-10	06/29/12	1		07/06/12		07/10/12	1	
615 Conway	4	N-11	06/27/12	1		ourself		06/27/12	1	
915 Banner	4	P-10	06/29/12	1		ourself		06/29/12	1	
1224 Jackman	4	P-10	06/29/12	1		ourself		06/29/12	1	
1305 W. Maple st	4	0-10	06/28/12	. 1		ourself		06/28/12	1	
81 Whispering Pines	4	P-10	06/28/12	1		ourself		06/28/12	1	
23 Whispering Pines	4	P-10	06/28/12	1		ourself		06/28/12	1	
34 Whispering Pines	4	P-10	06/28/12	1		ourself		06/28/12	1	
408 Robinette	4	0-10	06/28/12	1		ourself		06/28/12	1	
68 Whispering Pines	4	P-10	06/28/12	1	,	ourself	·	06/28/12	1	
609 Jefferson	4	P-10	06/28/12	1		ourself		06/28/12	1	
1000 Ashley	4	0-10	06/27/12	1		ourself		06/27/12	1	
204 Dobbs	4	0-10	06/27/12	1		ourself		06/27/12	1	
201 Conrad	4	0-10	06/27/12	1		ourself		06/27/12	1	
311 McCright	4	N-11	06/27/12	1		ourself		06/27/12	1	
315 W. North st	4	N-11	06/27/12	1		ourself		06/27/12	1	
500 Market	4	N-11	06/27/12	1		ourself		06/27/12	1	
225 W.Cross	4	0-11	06/27/12	2		ourself		6/27/2012	2	
818 Cross	4	O-09	6/27/2012	1		ourself		6/27/2012	1	
709 South st	4	0-11	6/27/2012	1		ourself		6/27/2012	1	
625 Evans st	4	N-11	6/27/2012	1		ourself		6/27/2012	1	

						Date Owner	Date Repair		· ·	
		Ī.		Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
802 Cross	4	N-11	6/27/2012	1		ourself		6/27/2012	1	
613 Conway	4	N-11	6/27/2012	1		ourself		6/27/2012	1	
1922 "U"	4	P-09	6/29/2012	1		ourself		6/29/2012	1	
718 Fairfield	4	P-09	6/29/2012	1		ourself		6/29/2012	1	
1111 Banner	4	Q-10	6/29/2012	1		ourself		6/29/2012	1	
911 Banner	4	P-10	6/29/2012	1		ourself		6/29/2012	1	
Jackman	4	Q-09	6/29/2012	1		ourself		6/29/2012	1	:
805 Tee	4	P-09	6/29/2012	1		ourself		6/29/2012	1	
Fair Grounds I-30	4	P-09	6/29/2012	1		ourself		6/29/2012	1	
407 W. Cross	4	N-11	6/27/2012	1	1	7/6/2012		7/18/2012	1	1
1309 W Maple	4	0-10	6/28/2012		1	7/6/2012		7/13/2012		1
1301 Maple	4	0-10	6/28/2012		1	7/6/2012		7/13/2012		1
704 W. Ashley	4	0-10	6/27/2012		1	7/6/2012		8/13/2012		1
121 N. Martin	4	0-11	6/27/2012		1	7/6/2012	·	8/2/2012		1
517 Jefferson	4	P-10	6/28/2012		1	7/6/2012		7/10/2012		1
1421 Jackman st	4	P-10	6/29/2012		1	7/6/2012	¥	7/13/2012		1
1023 Jackman	4	P-10	6/29/2012		1	7/6/2012		7/20/2012		1
1224 Jackman	4	P-10	6/29/2012		1	7/6/2012		7/26/2012		1
1106 Banner	4	Q-10	6/29/2012		1	7/6/2012		7/26/2012		1
Total for Basin	1			36	10	****			36	10

						Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
917 Park	5	M12	06/20/11	1		11/29/11		01/09/12	1	
1215 Military Suite #3	5	M13	06/20/11	1		11/29/11		01/09/12	1	
1019 Candis	5	M13	06/20/11	1		11/29/11		12/12/11	1	
1122 Sunset	5	M13	06/20/11	1		11/29/11		11/30/11	1	
619 Gertrude	5	N12	06/21/11	1		ourself		01/14/12	1	
605 Gertruce	5	N12	06/21/11	1		11/29/11		01/04/12	1	
631 Denton	5	N12	06/21/11	1		ourself		11/29/11	1	
617 Poplar	5	N12	06/20/11	1		11/29/11		11/30/11	1	
715 Watson Lane	5	N12	06/21/11	1		11/29/11		01/04/12	1	
509 Oak Hill	5	N12	06/20/11	1		ourself		06/20/11	1	
504 Oak Hill	5	N12	06/20/11	1		11/29/11		01/04/12	1	
818 Belaire	5	N12	06/22/11	1		ourself		06/22/11	1	
707 Belaire	5	N12	06/22/11	2		11/29/11		01/12/12	2	
112 Fourth	5	N12	06/23/11	1		ourself		12/21/11	1	
915 Montclair	5	N12	06/23/11	1		ourself		06/23/11	1	
868 Montclair	5	N12	06/23/11	1		11/29/11		01/09/12	1	
822 Belair	5	N12	06/22/11	2		11/29/11		12/21/11	2	
304 North	5	N12	06/21/11	1		11/29/11		01/04/12	1	
Empty lot SW of 616		•								
Denton	5	N12	06/21/11	1		ourself		06/21/11	1	
624 North	5	N12	06/21/11	1		11/29/11		12/01/11	1	
818 North	5	N12	06/21/11	1		11/29/11		01/04/12	1	
921 Poplar	5	N12	06/20/11	1		11/29/11		01/04/12	1	
117 E. Cross	5	N12	06/21/11	1		ourself		11/29/11	1	

DENTON OTTENTES SE				0110	DITOIN					
	,					Date Owner	Date Repair			-
				Clean	Service	Notified	Inspected	Date Repair		Service
·	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
721 Denton	5	N12	06/21/11	1	1	09/16/11		09/22/11	1	1
NE of 400 Fourth	5	N12	06/23/11		1	ourself		07/11/11		1
703 Belaire	5	N12	06/23/11		1	09/16/11		09/20/11		1
221 Fourth	5	N12	06/23/11		1	09/16/11		09/20/11		1
227 Fourth	5	N12	06/23/11		1	09/16/11		09/27/11		1
108 Fourth	5	N12	06/23/11		1	09/16/11		09/27/11		1
501 Virginia	5	N12	06/24/11		1	06/16/11		09/21/11		1
404 Denton	5	N12	06/24/11		1	09/16/11	-	09/26/11		1
402 E Carpenter	5	N12	06/21/11		1	09/16/11	:	09/20/11		1
E Carpenter/Lillian	5	N12	06/21/11		1	09/16/11		09/21/11		1
925 Poplar	5	N12	06/20/11		1	09/16/11		09/22/11		1
309 Lillian	5	N12	06/21/11	1		09/16/11		09/21/11	1	
812 Dalewood	5	N13	06/20/11	1		09/16/11		01/04/12	1	
805 Hester	5	N13	06/20/11	1 .		09/16/11		01/09/12	1	
11A/11B Hiland	5	N13	06/20/11	1	-	09/16/11		12/16/11	1	
37A Hiland	5	N13	06/20/11	1		09/16/11		01/20/12	1	
35 Hiland	5	N13	06/20/11	1		09/16/11		11/23/11	1	
609 Terry Circle	5	N13	06/22/11	1		ourself		06/22/11	1	
1000 Montclair	5	N13	06/23/11		1	09/16/11		09/19/11		1
Highland/Whitlock Empty										
lot	5	N13	06/20/11		1	ourself		06/20/11	-	1
707 Couch Empty lot to										
North	5	N13	06/21/11	1		10/07/11		10/13/11	1	
706 Couch	5	N13	06/21/11	1		09/16/11		09/30/11	1	 -
818 Dalewood	5	N13	06/20/11		1	10/14/11		01/13/12		1

DEITION OTHERTIES SI		_ =::::= ::		0110	DASIN	_				
		}				Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
211 Ashley	5	011	06/27/11	3		09/16/11		11/29/11	3	
219 Smith	5	011	06/27/11	1		09/16/11		01/06/12	1	
500 Conway	5	011	06/27/11	1		10/07/11		11/22/11	1	
Ringold Elementary										
Parking Lot	5	011	06/27/11	2		10/07/11		11/29/11	2	
210 Carter	5	011	06/27/11	1		10/07/11		12/27/11	1	
501 West Sevier	5	011	06/27/11	1		10/07/11		01/04/12	1	
330 Ashley	5	011	06/27/11	1		09/16/11		09/28/11	1	
617 Maple	5	011	06/27/11	1		10/07/11		10/13/11	1	
614 Maple	5	011	06/27/11	1		09/16/11		09/26/11	1	
609 E Sevier	5	011	06/27/11	1	1	10/07/11		10/28/11	1	1
619 Smith	5	011	06/27/11		1	09/16/11		10/21/11		1
305 Richards	5	011	06/27/11	1		09/16/11		09/19/11	1	
Phone Co							-			
S Main & W Maple	5	011	07/07/11	1	2	09/16/11		11/25/11	1	2
301/305 S Main	5	011	07/07/11	1	1	10/07/11		10/25/11	1	1
225 First	5	012	06/21/11	1		ourself		06/01/11	1	
220 Conway	5	012	06/21/11	1		09/16/11	:	11/30/11	1	
904 Tulane	5	012	06/23/11	1		09/16/11		01/09/12	1	
115 Fourth	5	O12	06/23/11	1		ourself		06/23/11	1	
310 Firth	5	012	06/23/11	1		09/16/11		11/29/11	1	
218 Princeton	5	O12	06/12/11	1		ourself		09/20/11	1	
228 Fourth	5	012	06/23/11	1		09/16/11		12/19/11	1	
307 Fourth	5	012	06/23/11	1		ourself		12/14/11	1	
203 Third	5	012	06/24/11	1		ourself		12/05/11	1	

								<u> </u>		
						Date Owner	Date Repair			
		}		Clean	Service	Notified	Inspected	Date Repair		Service
	Basin	ŀ	Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
612 E Sevier	5	012	06/24/11	2		ourself		01/04/12	2	
518 E Sevier	5	012	06/24/11	1		ourself		01/04/12	1	
226 First	5	012	06/27/11	1		09/16/11		09/26/11	1	
304 East st	5	012	06/27/11	1		ourself		01/18/12	1	
206 E. Smith	5	012	07/20/11	. 1		ourself		11/22/11	1	
221 East	5	012	07/20/11	-	1	09/16/11		11/30/11		1
127 First	5	012	06/21/11		1	09/16/11		09/20/11		1
218 Princeton	5	012	06/23/11		1	09/16/11		09/21/11		1
310 Third	5	012	06/24/11		1	09/16/11		10/05/11		1
515 Second	5	012	06/24/11		1	09/16/11		09/21/11		1
305 Third	5	012	06/24/11		1	09/16/11		09/21/11		1
110 Third	5	012	06/24/11	1		09/16/11		09/21/11	1	
210 Gunn	5	012	06/27/11		1	09/16/11		09/27/11		1
206 First	5	012	06/27/11		1	09/16/11		10/04/11		1
East & Conway	5	012	07/20/11		1	ourself		09/18/11		1
103 N. East	5	012	07/20/11		1	10/07/11		10/12/11		1
121 E Conway	5	012	07/20/11	1		10/07/11		10/12/11	1	
519 S East	5	012	07/20/11	1	1	09/16/11		11/22/11	1	1
1305 Baywood	5	013	06/22/11	1		09/18/11		01/04/12	1	
1302 Baywood	5	013	06/22/11	1		09/16/11		11/22/11	1	
116 Winstone	5	013	06/22/11	1		09/16/11		11/22/11	1	
1300 Baywood	5	013	06/22/11	1		09/16/11		11/22/11	1	
126 Cox	5	013	06/22/11	1		ourself		06/22/11	1	
1311 Shirewood	5	013	06/22/11	1		09/16/11		11/16/11	1	
110 Cox	5	013	06/22/11	1		ourself		06/22/11	1	

BENTON OTILITIES SI	1	· · ·	LI AIN NEC		DASIIV			r		,
	ļ					Date Owner	Date Repair	i 		
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
124 Border Circle	5	013	06/23/11	1		09/22/11	,	01/04/12	1	
Border/Border Cir	5	013	06/23/11	1		ourself		06/23/11	1	
Border/Hoover	5	013	06/22/11		1	09/18/11		10/04/11		1
808 Park	5	013	06/23/11		1	09/18/11		10/04/11		1
1014 E Sevier	5	013	06/23/11		1	09/16/11		10/04/11		1
1018 E. Sevier	. 5	013	06/23/11		1	09/16/11		09/28/11		1
618 West Brook	5	P11	06/28/11	1		11/18/11		12/21/11	1	
524 Pearl	5	P11	06/27/11	1		11/18/11		11/22/11	1	
619 Pearl	5	P11	06/28/11	1		ourself		06/28/11	1	
406 S Market	5	P11	07/07/11	1		12/13/11		01/04/12	1	
410 S Market	5	P11	07/07/11	1		ourself		07/07/11	1	
813 S Main	5	P11	07/07/11	1		ourself		07/07/11	1	
706 W Hazel	5	P11	07/07/11	1		11/21/11		11/28/11	1	
717 W Hazel	5	P11	07/07/11	1		11/19/11		12/01/11	1	
105 W Hazel	5	P11	07/07/11	1		11/19/11		12/21/11	1	
719 S Market	5	P11	07/07/11	1		10/12/11		12/13/11	1	
810 Guant	5	P11	07/07/11	1		11/22/11		12/21/11	1	
715 Pearl	5	P11	06/28/11		1	10/18/11		12/16/11		1
721 Market	5	P11	06/28/11	1	1	10/17/11		12/13/11	1	1
620 West Brook	5	P11	06/27/11		1	09/28/11		10/28/11		1
309 Pine	5	P11	06/27/11	1		10/07/11		10/11/11	1	
803 Pearl	5	P11	06/28/11		1	10/18/11		11/01/11		1
724 Pearl	5	P11	06/28/11		1	10/25/11		10/25/11		1
710 Pearl	5	P11	06/28/11		1	09/28/11		01/19/12		1
523 W Walnut	5	P11	06/27/11		1	09/28/11		10/07/11		1

			EI AIN NEC							
						Date Owner	Date Repair			
			·	Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
305 Pine	5	P11	06/27/11		1	09/28/11		10/03/11		1
301 Pine	5	P11	6'27/11		1	09/28/11		01/31/12		1
619 Richards	5	P11	06/27/11		1	09/28/11		10/12/11		1
515 Pearl	5	P11	06/27/11		1	09/28/11		10/23/11		1 .
Burton/Westbrook	5	P11	06/28/11		1	10/07/11		02/07/12	7000	1
703 Pearl	5	P11	06/28/11		1	09/28/11		10/10/11		1
524 S Market	5	P11	06/28/11		1	09/28/11		10/28/11		1
530 S. Main	5	P11	07/07/11	1	1	09/28/11		11/02/11	1	1
530/608 S Main	5	P11	07/07/11		1	09/28/11		10/23/11		1
103 E Elm	5	P11	07/07/11	1	1	09/28/11		10/11/11	1	1
704 S Main	5	P11	07/07/11		1	09/28/11		10/07/11		1
518 S Market	5	P11	07/07/11		1	09/28/11		10/19/11		1
1306 River	5	P11	07/08/11		1	09/28/11		10/19/11		1
208 Lot 3 Elm	5	P11	07/07/11		1	09/28/11		12/13/11		1
719 S Market	5	P11	07/07/11		1	10/12/11		12/13/11		1
804 S Main	5	P11	07/07/11		1	09/28/11		11/02/11		1
719 S Market # 2	5	P11	07/07/11		1	11/16/11		12/13/11		1
210 E. Maple	5	P12	06/22/11	1		11/19/11		11/30/11	1	
516 First	5	P12	06/27/11	1		11/22/11		01/20/12	1	
519 Pearson	5	P12	06/27/11	1		ourself		11/29/11	1	
910 Columbia	5	P12	06/23/11	1		11/14/11		01/09/12	1	
503 Neeley	5	P12	06/23/11	1		ourself		01/09/12	1	
313 Neeley	5	P12	06/23/11	1		ourself		12/21/11	1	
325 Fifth	5	P12	06/23/11	1		ourself		12/21/11	1	
624 Columbia	5	P12	06/24/11		1	11/28/11		12/06/11		1

				· · · · · · · · · · · · · · · · · · ·		Date Owner	Date Repair	-		
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
507 Second	5	P12	06/24/11	1		11/21/11		12/21/11	1	
221 E Maple	5	P12	06/27/11		1	09/28/11		10/19/11		1
408 First	5	P12	06/27/11		1	09/28/11		10/19/11		1
414 S. First	5	P12	06/27/11		1	10/07/11		10/17/11		1
608 S. First	5	P12	06/27/11		1	10/03/11		10/28/11		1
722 Columbia	5	P12	06/23/11		1	ourself		10/17/11	_	1
318 Edison	5	P12	06/23/11		1	10/07/11		11/01/11		1
326 Fifth	5	P12	06/23/11		1	09/28/11		11/07/11		1
407 Fourth	5	P12	06/24/11	1	1	10/07/11		01/13/11	1	1
420 2nd st	5	P12	06/24/11		1	09/28/11		10/07/11		1
424 Schely	5	P12	06/24/11		1	09/28/11		10/11/11		1
Third/Columbia	5	P12	06/24/11		1	ourself		10/28/11		1
706 Center	5	P12	07/07/11		1	09/28/11		11/04/11		1
1616 Hudson	5	P13	06/22/11	1		09/28/11		11/28/11	1	
512 Border	5	P13	06/22/11	1		ourself		01/05/12	1	
1411 Columbia	5	P13	06/22/11	1		11/18/11		11/29/11	1	
420 Algood	5	P13	06/22/11	1		09/28/11		01/09/12	1	
1119 Cherry	5	P13	06/22/11	1		01/04/12		01/11/12	1	
406 South Border	5	P13	06/22/11	1		11/18/11		11/28/11	1	
1218 Cherry	5	P13	06/22/11	1		12/05/11		12/06/11	1	
1102 Gray	5	P13	07/08/11	1		12/15/11		01/09/12	1	
614 Revis	5	P13	06/22/11		1	10/19/11		10/25/11		1
1602 Hudson	5	P13	06/22/11	1		09/28/11		10/03/11	1	
510 Algood	5	P13	06/22/11		1	09/28/11		10/03/11		1

			LI AIN NEC		<i>D/10</i> 1					
	•	! !				Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin	±	Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
Empty lot north of 503										
Cox	5	P13	06/22/11		1	ourself		10/07/11		1
1223 Cherry	5	P13	06/22/11		1	09/28/11		10/03/11		1
1303 Gray st	5	P13	07/08/11		3	10/07/11		10/28/11		3
211 Johnson	5	Q12	07/12/11	1		ourself		01/06/12	1	
328 Clark	5	Q12	07/13/11		1	ourself		11/01/11		1
316 Reed St	5	Q12	07/12/11	1		ourself		12/07/11	1	
211 Reed St	5	Q12	07/12/11	1		ourself		01/06/12	1	
1215 Liberty	5	Q12	07/11/11	1		ourself		11/18/11	1	
Vacant house next to										
219 Clark	5	Q12	07/13/11	1		ourself		11/18/11	1	
303 Palm	5	Q12	07/13/11	1		11/21/11		01/11/12	1	
Old Shop behind 303 Palm	5	Q12	07/13/11	1		ourself		11/30/11	1	
1507 Oak	5	Q12	07/13/11	1		11/23/11		12/14/11	1	
916 Ridge	5	Q12	07/13/11	1		11/18/11		12/02/11	1	
1411 Neely	5	Q12	07/13/11	1		ourself		11/23/11	1	
Open Lot on		<u> </u>	07/13/11			Oursen	<u> </u>	11/23/11	4	
Gravel/Liberty	5	Q12	07/11/11		1	ourself		01/04/12		1
Across from							*****			
1315 Stewart	5	Q12	07/11/11		1	ourself		01/27/12		1
1418 Cedar	5	Q12	07/12/11		1	10/07/11		10/28/11		1
1300 Liberty	5	Q12	07/11/11	1		09/28/11		10/03/11	1	
2nd Open Lot on				-						
Gravel/Liberty	5	Q12	07/11/11		1	10/07/11		11/02/11		1

			EI AIN NEC		D/ 10111	<u> </u>				
						Date Owner	Date Repair			
	•			Clean	Service	Notified	Inspected	Date Repair)))	Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Léaks	Required	Acceptable	Accepted	Repaired	Repaired
303 Reed St	- 5	Q12	07/12/11	1	1	11/25/11		11/30/11	1	1
103 Johnson	5	Q12	07/12/11		1	ourself		12/07/11		1
115 Johnson	. 5	Q12	07/12/11		1	10/07/11		10/12/11		1
1420 Cedar	5	Q12	07/12/11		1	09/28/11		10/04/11		1
Vacant lot										
Liberty/Palm	5	Q12	07/13/11	1	1	11/18/11		11/30/11	1	1
Vacant lot										
Stewart/Palm	5	Q12	07/13/11		1	11/18/11		11/30/11		1
328 Clark	5	Q12	07/13/11		1	ourself		01/04/12		1
Abndoned House Place										
Next to 1307 Liberty	5	Q12	07/11/11		1	11/18/11		11/30/11		1
1307 Liberty	5	Q12	07/11/11		1	09/28/11		10/03/11		1
1304 Cedar	5	Q12	07/11/11	2		09/28/11		10/03/11	2	
Vacant Lot Palm/Webster	5	Q12	07/13/11	1		11/18/11		11/30/11	1	
1111 Stewart	5	Q12	07/11/11		1	09/16/11		01/27/12		1
1107 Stewart	5	Q12	07/11/11		2	09/16/11		10/25/11		2
608 Gravel st	5	Q12	07/11/11		1	10/07/11	<u> </u>	10/27/11		1
near 1101 East	5	Q12	07/12/11		1	ourself		11/30/11		1
Clark/East	5	Q12	07/12/11		1	ourself		11/30/11		1
Abandoned House place										
corner Oak/Reed	5	Q12	07/12/11		1	ourself	<u> </u>	11/30/11		1
Palm/Webster	5	Q12	07/13/11		1	ourself		11/30/11		1
Palm - Lot 1/2 way bet										
Stewart & Liberty	5	Q12	07/13/11		1	ourself	:	11/02/11		1

DENTION OTHER TESS					DASIN	<u> </u>				
						Date Owner	Date Repair			
	Ì			Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
1505 Oak	5	Q12	07/12/11		1	09/16/11		09/21/11		1
1406 Cedar	5	Q12	07/12/11		1	10/07/11		10/28/11		1
2018 River	5	R10	07/08/11	1		11/21/11		12/20/11	1	
419 S Richards	5	R11	07/08/11	1		11/19/11		12/21/11	1	
417 S Richards	5	R11	07/08/11	1		11/19/11		12/21/11	1	
520 Woodlawn	5	R11	07/08/11		2	10/19/11		11/02/11	-	2
1712 Liberty	5	R12	07/12/11	1		11/18/11		12/21/11	1	
1517 Stewart	5	R12	07/12/11	1		09/16/11		10/03/11	1	
1316 Reed	5	R12	07/12/11	1		ourself		07/12/11	1	
309 Valley	5	R12	07/11/11	1		ourself		11/16/11	1	
1413 Dixie	5	R12	07/11/11	1		11/21/11		11/30/11	1	
Woodlawn & Dixie	5	R12	07/11/11		1	ourself		.11/18/11		1
1616 Grove	5	R12	07/11/11		1	10/19/11		11/25/11		1
1718 Dixie	5	R12	07/11/11	1	1	10/19/11		11/16/11	1	1
2nd Dixie & Woodlawn	5	R12	07/11/11		1	ourself		11/18/11		1
311 Woodlawn	5	R12	07/11/11		1	10/07/11		11/01/11		1
300 Valley	5	R12	07/11/11		1	10/07/11		10/25/11		1
1502 Dixie	5	R12	07/11/11		1	09/28/11		10/25/11		1
1417 Gum	5	R12	07/12/11		1	10/07/11		10/19/11		1
Vacant lot near 1614										
Liberty	5	R12	07/12/11		1	ourself		11/18/11		1
Vacant lot across from										
1608 Gum	5	R12	07/12/11		1	ourself		11/18/11		1
1519 Stewart	5	R12	07/12/11		1	11/21/11		11/28/11		1

DENTION OTHER TEST			El Allt NEO	U112	DAJIN	<u> </u>				
						Date Owner	Date Repair			
			:	Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
Old house place on										
Stewart	5	R12	07/12/11		1	ourself		11/18/11		1
223 Thompson	5	R13	07/11/11	_ 1		09/28/11		11/18/11	1	i
Old house place near										
1601 Dixie	5	R13	07/11/11	1		09/28/11		11/18/11	1	
Benton Child										
Development on Dixie	5	R13	07/11/11	1		09/28/11	•	11/18/11	1	
Benton Child Dev on			1							
DixieThompson	5	R13	07/11/11	1		09/28/11		10/11/11	1	
End of Thompson	5	R13	07/11/11		1	09/28/11		10/11/11		1
Abandoned House Pl										
Woodlawn No Address	5	R13	07/11/11		1	09/28/11		11/18/11		1
2nd Abandoned House				******						
Place Woodlawn	5	R13	07/11/11		1	09/28/11		10/11/11		1
228 Valley	5	R13	07/11/11		1	09/28/11		10/11/11		1
Total for Basin				140	121		-		140	121

W:\2011\11-5723 Benton Utilities - SSES Assistance\Project Documentation\Service Line Repair Record\
Tracking Service Line Repair 020113

			El Min NEC							
						Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair	ł	Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
1117 Hwy 35	6	Q-13	08/10/11	1		11/29/11		12/13/11	1	
1420 Crest	6	Q-13	08/10/11	1		11/29/11		01/07/12	1	
1818 Bennett	6	R-13	08/10/11	1		11/29/11		01/07/12	1	
1605 Sorrell	6	R-13	08/08/11	1		11/29/11		12/16/11	1	
922 Reed	6	Q-13	08/09/11	1		11/29/11		12/12/11	1	
0600 Cedar	6	R-12	08/08/11		1	ourself		12/02/11		1
Corner of Thompson &										
Cedar	6	R-12	08/08/11		1	ourself		12/02/11		1
1606 Neeley	6	R-12	08/08/11		1	ourself		12/02/11		1
608 Hickory	6	R-12	08/08/11		1	ourself		12/02/11		1
1706 Neely	6	R-12	08/08/11		3	ourself		12/02/11		3
2122 Kay st	6	S-14	08/10/11	1		12/02/11		12/12/11	1	
			·							
Total for Basin	<u> </u>			6	7				6	7

W:\2011\11-5723 Benton Utilities - SSES Assistance\Project Documentation\Service Line Repair Record\
Tracking Service Line Repair 020113

						Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
1814 Chatfield	7_4	R14	2 08/03/11	7.78.39	/*/ 1 /**	11/29/11		12/19/11	型: (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1
1507 Country Oaks	7	R16	08/03/11	1		11/29/11		12/08/11	1	
1328 Oakview	7	Q14	08/02/11	1		ourself		08/02/11	1	
1725 Overview	7	Q15	08/02/11	1		11/29/11		12/07/11	1	
3825 Silica Heights	. * 7***	Q16	08/03/11		1	11/29/11		12/13/11		17.5
1126 Summit	7	Q16	08/03/11		1	ourself		12/20/11		1
Empty Lot North of 1208										
Summit	7	Q16	08/03/11		1	ourself		12/20/11		1
2315 Prysock	7	S14	08/08/11	1	1	11/29/11		01/09/12	1	1
2209 Kay Rd 🕪 🦠	7.	S14	08/08/11	al Company	1,	11/29/11	Charles of the Commence of the	12/05/11	7.7.4	16918\16934
Total for Basin				4	6				4	6

						•				
						Date Owner	Date Repair			
E 1	ļ. [Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
413 Damon	8	P-15	07/15/12	1		07/27/12		08/02/12	1	
4220 Edison Ave	8	P-16	07/16/12	1		07/27/12		07/30/12	1	
1015 Blaylock	8	Q-14	08/16/12	1		ourself		08/16/12	1	
Corner of Yuma/Bristol	8	Q-15	07/18/12		1	ourself		07/18/12	. 277	1
3904 Edison	8	P-16	07/19/12	3		ourself		07/19/12	3	· · · · · · · · · · · · · · · · · · ·
3704 Chamray Pl	8	P-16	07/17/12	1		ourself		07/17/12	1	,
3706 Edison Ave	8	P-16	07/16/12	1		ourself		07/16/12	1	
3019 Silica Heights	8	Q-15	07/20/12	1		ourself		07/20/12	1	
1002 Cantebury	8	Q-15	07/20/12	1		ourself		07/20/12	1	
2120 Silica Heights	8	Q-14	07/19/12	1		ourself		07/19/12	1	
2320 Silica Heights	8	Q-15	07/19/12	1		ourself		07/19/12	1	
1002 Cantebury	8	Q-15	07/18/12	2		ourself		07/18/12	2	
507 Pope st	8	P-15	07/18/12	1		ourself		07/18/12	1	
822 Church st	8	Q-15	07/18/12	2		ourself		07/18/12	2	
2711 Bristol	8	Q-15	07/18/12	2		ourself	-	07/18/12	2	-
#9 N. Summit	8	0-16	07/16/12	1		ourself		07/16/12	1	
#5 N. Summit	8	0-16	07/16/12	1		ourself		07/16/12	1	
N. Summit	8	0-16	07/16/12	1		ourself		07/16/12	1	
323 Autumn	8	N-16	07/16/12	1		ourself		07/16/12	1	
4462 Aronfield	8	P-16	07/16/12	1		ourself		7/16/2012	1	
300 Aronfield	8	P-16	7/16/2012	1		ourself		7/16/2012	1	
3510 Hampton dr	8	P-16	7/16/2012	1		ourself		7/16/2012	1	
3715 Edison Ave	8	P-16	7/17/2012	1		ourself		7/17/2012	1	

STREET ADDRESS	Basin No.	Grid No.	Date Smoke Tested	Clean Out Leaks	Service Line Leaks	Date Owner Notified Repair Required	Date Repair Inspected Still Not Acceptable	Date Repair Inspected & Accepted	Clean Out Repaired	Service Line Repaired
414 Pope	8	P-15	7/18/2012	1		ourself		7/18/2012	1	
507 Shady	8	P-15	7/18/2012	1		ourself		7/18/2012	1	
3723 Fernwood	8	N-16	7/16/2012		1	7/27/2012		8/28/2012		1
Total for Basin				29	2				29	2

W:\2011\11-5723 Benton Utilities - SSES Assistance\Project Documentation\Service Line Repair Record\
Tracking Service Line Repair 020113

						Date Owner	Date Repair			
			:	Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
1120 N Shady Lane	9	M15	08/01/11	1		11/29/11		12/09/11	1	
3215 Coats Rd	9	M15	08/01/11	1		11/29/11		12/13/11	1	
1120 Shady Lane	9	M15	08/01/11	1		11/29/11		08/01/11	1	
1005 Shady Lane	9	N15	08/01/11	. 1		11/29/11		12/07/12	1	
2989 Wildwood	9	N15	08/01/11	1		08/01/11	<u> </u>	01/12/12	1	
2607 Cherry Crossing	9	N15	08/01/11	1		11/29/11		12/19/11	1	
3515 Coats	9	M15	08/01/11		1	12/02/11		01/17/12		1
3003 Wildwood Dr	9	015	08/01/11		1	12/07/11		01/09/12		1
Total for Basin				6	2		1		6	2

DENTION OTHERTIES SE										
						Date Owner	Date Repair	i	-	
			: 	Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
3913 Sandra	10	H14	05/31/11	1		09/01/11	,	10/12/11	1	
4206 Glenda Lane	10	H14	05/31/11	1		ourself		05/31/11	1	
4325 Angela Circle	10	H14	05/31/11		1	08/29/11	y	09/07/11		1
1922 E. Longhills	10	H14	05/31/11		1	08/29/11		09/23/11		1
1708 Long hills	10	113	05/31/11		1	08/29/11		09/13/11		1
1821Pinecroft	10	114	05/31/11	1	!	09/01/11		09/09/11	1	
2200 Fox Trail	10	114	05/31/11	1		09/01/11		09/19/11	1	
1614 Thomas	10	114	06/01/11	1		09/01/11		09/26/11	1	,
1620 Leawood	10	114	05/31/11	1		09/01/11		09/28/11	1	-
Dark Forrest Condos										
Apt #1	10	114	05/31/11	1		09/01/11	t -	05/31/11	1	
1815 Longhills	10	114	05/31/11	1		09/01/11		09/28/11	1	
4230 Ginger	10	114	05/31/11	1		09/01/11		09/07/11	1	
1820 Pinecroft	10	114	05/31/11		1	08/21/11		09/09/11		1
Dark Forrest Place Apt				-						····
#19	10	114	05/31/11	-	1	09/01/11		09/29/11		1
2112 Thomas	10	114	06/01/11		3	09/01/11		ourself		3
3114 Arch	10	114	06/01/11		1	08/29/11		09/21/11		1
1822 Leawood	10	114	05/31/11		1	08/29/11		09/13/11		1
BP Car Wash	10	114	06/01/11		1	08/29/11		09/28/11		1
2008 Longhills	10	114	05/31/11		1	08/29/11	-	09/06/11		1
Old Malco Motors 19711										
i30 Service Road	10	115	06/02/11	1	:	09/01/11		09/28/11	1	
Lander's Ford, I-30 East	10	115	06/02/11	1		09/01/11		09/12/11	1	

				•		Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin	-	Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
Congo Stove Works	10	115	06/02/11	1		09/01/11		09/13/11	1	
I-30 E Service Rd	10	l15	06/02/11	2		ourself		06/02/11	2	
2909 Military	10	J14	06/01/11	1		09/01/11		09/14/11	1	
Co-Op										
I-30 Service Road	10	J14	06/01/11	1		09/01/11		09/12/11	1 1	
W of 1708 Thomas Rd	10	J14	06/01/11		1	09/01/11		09/14/11		1
1919 Deerfield Rd	10	J14	06/01/11	1		08/29/11		09/08/11	1	
3250 Drake Dr	10	J14	06/01/11	1		09/01/11		09/30/11	1	
I-30 Courts, Storage 133	10	J14	06/01/11	1		00/01/11		0/12/11	4	
1-30 Courts, Storage 155	10	J14	06/01/11	1		09/01/11		9/12/11	1	
I-30 Courts, Storage 119	10	J14	06/01/11	1		09/01/11		09/12/11	1	
3222 Arch (Side)	10	J14	06/01/11	1		09/01/11		09/29/11	1	
Across from										
2017 Thomas	10	J14	06/01/11	1	1	08/29/11	-	09/28/11	1	1
1916 Deerfield	10	J14	06/01/11	1				06/01/11	1	
18828 130	10	J14	06/01/11		1	08/29/11		09/08/11		1
3222 Arch St (Back)	10	J14	06/01/11	1	1	08/29/11		09/30/11	1	1
2802 Millbrook	10	J15	06/06/11	1			-	06/06/11	1	
3007 Tara	10	J15	06/02/11	1		09/01/11		09/16/11	1	
1314 Green	10	K13	06/08/11	1				06/08/11	1	
14146 Kyle/Longview	10	K13	06/08/11	1		09/01/11		09/30/11	1	-
2101 Old Congo	10	K13	06/08/11	1		09/01/11		09/23/11	1	
2410 Military	10	K14	06/08/11	1		09/01/11		09/29/11	1	

		LI MIN ILLO	<u> </u>	DAOIIT					
			;		Date Owner	Date Repair			
			Clean	Service	Notified	Inspected	Date Repair		Service
Basin	Ì	Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
10	K14	06/06/11	1		09/01/11		09/16/11	1	
10	K14	06/06/11	1		09/01/11		06/06/11	1	
10	K14	06/07/11	1		08/29/11		09/08/11	1	
10	K14	06/07/11	1		08/29/11		09/28/11	1	
10	K14	06/07/11		1	08/29/11		09/26/11		1
10	K14	06/07/11		1	08/29/11		09/28/11	:	1
10	K15	06/06/11	1		09/01/11		09/07/11	1	
10	K15	06/06/11	1		09/01/11		10/14/11	1	
10	K15	06/06/11	1	1	08/29/11		09/08/11	1	1
10	K15	06/06/11		1	08/29/11		09/08/11		1
10	L13	06/20/11	4		09/01/11		09/13/11	4	
10	L13	06/09/11	1		09/01/11		09/15/11	1	
10	L14	06/07/11	1		09/01/11		09/12/11	1	
10	L14	06/07/11	1		09/01/11		09/14/11	1	
10	L14	06/08/11	1		09/01/11		10/12/11	1	
10	L14	06/07/11	1		ourself		06/07/11	1	
10	L14	06/07/11		1	08/29/11		09/09/11		1
10	L14	06/08/11		1	08/29/11		12/24/11		1
10	L14	06/08/11		1	09/01/11		09/14/11		1
10	L15	06/07/11	1		09/01/11		09/19/11	1	
	Basin No. 10 10 10 10 10 10 10 10 10 10 10 10 10	Basin No. Grid No. 10 K14 10 K14 10 K14 10 K14 10 K14 10 K15 10 K15 10 K15 10 L13 10 L13 10 L14 10 L14 10 L14 10 L14 10 L14 10 L14 10 L14	Basin No. Grid No. Tested 10 K14 06/06/11 10 K14 06/06/11 10 K14 06/07/11 10 K14 06/07/11 10 K14 06/07/11 10 K15 06/06/11 10 K15 06/06/11 10 K15 06/06/11 10 L13 06/09/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11 10 L14 06/07/11	Basin No. Grid No. Date Smoke Tested Out Leaks 10 K14 06/06/11 1 10 K14 06/06/11 1 10 K14 06/07/11 1 10 K14 06/07/11 1 10 K14 06/07/11 1 10 K15 06/06/11 1 10 K15 06/06/11 1 10 K15 06/06/11 1 10 K15 06/06/11 1 10 L13 06/20/11 4 10 L13 06/09/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/08/11 1	Basin No. Date Smoke Grid No. Clean Cout Tested Leaks Service Line Leaks 10 K14 06/06/11 1 10 K14 06/06/11 1 10 K14 06/07/11 1 10 K14 06/07/11 1 10 K14 06/07/11 1 10 K14 06/07/11 1 10 K14 06/07/11 1 10 K15 06/06/11 1 10 K15 06/06/11 1 10 K15 06/06/11 1 10 K15 06/06/11 1 10 L13 06/06/11 1 10 L13 06/09/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1 10 L14 06/07/11 1	Basin No. Grid No. Tested Tested Tested Towner Service Service Service Service Tested	Basin No. Clean Grid No. Clean Tested Date Smoke Out Line Leaks Service Line Leaks Leaks Notified Repair Required Acceptable Still Not Required Still Not Required Acceptable 10 K14 06/06/11 1 09/01/11 10 K14 06/06/11 1 09/01/11 10 K14 06/07/11 1 08/29/11 10 K14 06/07/11 1 08/29/11 10 K14 06/07/11 1 08/29/11 10 K14 06/07/11 1 08/29/11 10 K14 06/07/11 1 09/01/11 10 K15 06/06/11 1 09/01/11 10 K15 06/06/11 1 09/01/11 10 K15 06/06/11 1 09/01/11 10 K15 06/06/11 1 09/01/11 10 L13 06/07/11 1 09/01/11 10 L14 06/07/11 1 09/01/11 10 L14 </td <td> Basin</td> <td> Basin No. Grid No. Tested Leaks Leaks Leaks Required Still Not Accepted Repaired Inspected Still Not Accepted Repaired Repaired Notified Still Not Accepted Repaired Accepted Repaired Accepted Repaired Accepted Repaired Notified Accepted Repaired Accepted Repaired Notified Accepted Repaired Notified Accepted Repaired Notified Accepted Repaired Notified Accepted Repaired Notified Notified Accepted Repaired Notified No</td>	Basin	Basin No. Grid No. Tested Leaks Leaks Leaks Required Still Not Accepted Repaired Inspected Still Not Accepted Repaired Repaired Notified Still Not Accepted Repaired Accepted Repaired Accepted Repaired Accepted Repaired Notified Accepted Repaired Accepted Repaired Notified Accepted Repaired Notified Accepted Repaired Notified Accepted Repaired Notified Accepted Repaired Notified Notified Accepted Repaired Notified No

			•			Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair		Service
·	Basin	Į.	Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
2605 Mt Vernon	10	L15	06/08/11	1		09/01/11		06/08/11	1	
3073 Galloway Dr	10	L15	06/08/11	1		09/01/11		09/22/11	1	
2112 Redwood	10	L15	06/08/11	1		09/01/11		09/14/11	1	
1418 Leon	10	M13	06/13/11	1		09/01/11		09/08/11	1	
1111 Griffey	10	M13	06/09/11	1		09/01/11		09/13/11	1	
1013 Shangrila	10	M13	06/13/11	1	l.	09/01/11	,	06/13/11	1	
1402 Alcoa (Hester)	10	M13	06/13/11	1		09/01/11		09/28/11	1	
1406 Jameson	10	M13	06/20/11	1		09/01/11		09/08/11	1	
1201 Jameson	10	M13	06/20/11	1		09/01/11		06/20/11	1	
1219 Jameson	- 10	M13	06/20/11	1		09/01/11		09/08/11	1	
1006 Hester	10	M13	06/13/11	1		08/29/11		09/19/11	1	
1705 Jameson	10	M13	06/09/11		1	08/29/11		09/14/11		1
1402 Cornett	10	M13	06/13/11		1	08/29/11		09/21/11		1
1724 Lynwood	10	M13	06/13/11	2		08/29/11	i	09/14/11	2	
1309 Brookview	10	M14	06/09/11	1		09/01/11		09/22/11	1	
2014 Linwood	10	M14	06/09/11	1		09/01/11		09/15/11	1	
1010 Edgehill	10	M14	06/09/11	1		ourself		06/09/11	1	
1014 Edgehill	10	M14	06/09/11	1		ourself		06/09/11	1	
1504 Chris	10	M14	06/13/11	2		ourself		06/13/11	2	
1210 Chris	10	M14	06/13/11	1	1	08/29/11		10/10/11	1	1
1623 Brookview	10	M14	06/09/11	1	1	08/29/11		09/15/11	1	1
1113 Edgehill	10	M14	06/09/11		1	08/29/11		09/14/11		1
1119 Edgehill	10	M14	06/09/11		1	08/29/11		09/23/11		1
1003 Watson	10	M14	06/09/11		1	08/29/11		09/06/11		1

						Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair	ļ.	Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
2305 Westbury	10	M15	06/13/11	1		ourself		06/13/11	1	
2521 Alcoa (2609?)	10	M15	06/13/11	1		09/01/11		09/19/11	1	
1125 Hicks	10	M15	06/13/11	1		09/01/11		09/28/11	1	
618 Newcomb	10	N13	06/14/11	1		ourself		06/14/11	1	
616 Newcomb Circle	10	N13	06/14/11	1		ourself		06/14/11	1	
622 Newcomb	10	N13	06/14/11	1		09/01/11		09/12/11	1	
626 Newcomb Circle	10	N13	06/14/11	2		09/01/11		09/26/11	2	
705 Ryan	10	N13	06/14/11	2		09/01/11		9/23/11	2	
521 Newcomb	10	N13	06/14/11		2	08/29/11		09/26/11		2
622 Houston	10	N13	06/14/11	1	1	08/29/11		09/23/11	1	1
402 Wanda	10	N14	06/15/11	1		09/01/11		09/06/11	1	
1906 Harmon	10	N14	06/15/11	1		09/01/11		09/12/11	1	
712 Fernwood	10	N14	06/14/11	1		09/01/11		09/07/11	1	
823 Edgehill	10	N14	06/14/11	1		09/01/11		09/19/11	1	-
820 Rosewood	10	N14	06/14/11	1		09/01/11		09/28/11	1	
801 Fernwood	10	N14	06/14/11	1		09/01/11		09/19/11	1	
715 Fernwood	10	H14	05/31/11		1	09/01/11		09/30/11		1
608 Fernwood	10	N14	06/14/11	1		09/01/11		09/08/11	1	
819 Edgehill	10	N14	06/14/11	1		09/01/11		09/12/11	1	
410 Wanda	10	N14	06/14/11	1		09/01/11		09/09/11	1	
500 Rosewood	10	N14	06/14/11	1		ourself		06/14/11	1	
511 Rosewood	10	N14	06/15/11		1	09/01/11		10/12/11		1
821 Edgehill	10	N14	06/14/11		1	09/01/11		10/12/11		1
820 Edgehill	10	N14	06/14/11		1	10/14/11		10/31/11		1

,						Date Owner	Date Repair			
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin	<u>-</u>	Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
1814 Rosewood	10	N14	06/14/11		2	08/29/11		10/04/11		2
701 Fernwood	10	N14	06/14/11		1	08/29/11		09/26/11		1
409 Wanda	10	N14	06/15/11	1	1	08/29/11		09/13/11	1	1
1623 Brookview	10	N14	06/09/11	1	Kara Jawa	08/29/11		09/15/11	1	
1001 Hicks	10	N15	06/13/11	1		09/01/11	-	09/06/11	1	
1307 Chris	10	N15	06/13/11	1		09/01/11		09/12/11	1	
2400 Pleasant Forest Dr	10	014	06/15/11	1		09/01/11		09/28/11	1	
311 Rosewood	10	014	06/15/11	1		ourself		06/15/11	1	:
2288 Pleasant Forrest	10	014	06/15/11	1		ourself		06/15/11	1	
Total for Basin				96	41				96	41

_W:\2011\11-5723 Benton Utilities - SSES Assistance\Project Documentation\Service Line Repair_Record\
Tracking Service Line Repair 020113

						Date Owner	Date Repair		1	
				Clean	Service	Notified	Inspected	Date Repair		Service
	Basin		Date Smoke	Out	Line	Repair	Still Not	Inspected &	Clean Out	Line
STREET ADDRESS	No.	Grid No.	Tested	Leaks	Leaks	Required	Acceptable	Accepted	Repaired	Repaired
7704 Worth Ave	11	B18	07/18/11	1		11/29/11		01/06/12	1	
5509 Lexington	11	C18	07/18/11	1		ourself		07/18/11	1	
5523 Village loop	11	C19	07/18/11	1		12/02/11		12/13/11	1	
5501 St Regis Unit 1	11	C19	07/18/11	1		ourself		07/18/11	1	
6715 Worth	11	E17	07/18/11	1		12/02/11		12/08/11	1	
6112 Worth	11	E18	07/19/11	1		12/02/11		12/08/11	1	
603 Hwy 5 North	11	G15	07/22/11	1		11/29/11		01/11/12	1	
2807 Spyglass	11	H15	07/21/11	1		11/29/11		12/06/11	1	
3503 Hemlock Cove	11	J16	07/22/11	1		11/29/11		01/11/12	1	
3394 Bay Meadow	11	J16	07/22/11	1		11/29/11		12/07/11	1	
4015 Evergreen	11	J16	07/22/11	1		ourself		07/22/11	1	
6101 Alcoa Rd	11	J17	07/22/11	2		12/01/11		12/09/11	2	
4322 Brandy Dr	11	K17	07/22/11	1		11/29/11		12/20/11	1	
Total for Basin				14	0				14	0



Hand Delivered Mail Receipt

Date	8/15/13
Division	Water
Sender	Berton Utilities
Received By	Miles Johnson