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December 1, 2021

Sarah Pierce
Arkansas Energy and Environment / Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118

Re: Mountain Home Corrective Action Plan
Wastewater Collection System Twelfth Quarter Report
Corrective Action Plan Overall Summary
Permit #AR0021211
AFIN: 03-00039

Dear Sarah:

On behalf of the City of Mountain Home, we are submitting the Mountain Home Wastewater Collection System twelfth Quarter Report addressing the continued maintenance and additional compliance efforts, as described in the Corrective Action Plan, dated December 14, 2018, for reducing Sanitary Sewer Overflows.

A milestone date of December 2021 was the goal of the City to reduce the sanitary sewer system overflows. This report includes a summary of the effort done in the last 3 years to meet that goal and the plan to continue those efforts to further reduce sanitary sewer system overflows.

If you have any questions, please feel free to call me at Garver or Alma Clark at the City of Mountain Home.

GARVER, LLC

Kirby B. Fowland, P.E.

Senior Project Manager

Cc: Honorable Mayor Hillrey Adams, City of Mountain Home
Alma Clark, City of Mountain Home
Terry Sanders, City of Mountain Home
Richard Healey, Arkansas Energy and Environment



Corrective Action Plan Mountain Home, Arkansas

WASTEWATER COLLECTION SYSTEM Twelfth Quarter Report Corrective Action Plan Overall Summary December 1, 2021

NPDES Permit Number AR0021211
AFIN: 03-00039



Corrective Action Plan Overall Summary

Engineer's Certification

I hereby certify that this Twelfth Quarter Report and Overall Corrective Action Plan Summary, dated December 1, 2021, was prepared by Garver under my direct supervision for the City of Mountain Home.

Kirby B. Rowland, PE
State of Arkansas PE License 5168



Garver LLC
Arkansas Certification of Authorization
Certificate Number 766
Expires 12/31/2022



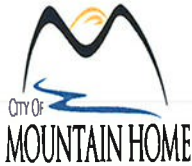


Table of Contents

1. Twelfth Quarter Report
 - a. Wastewater System Maintenance
 - b. Additional Compliance Efforts to Reduce Sanitary Sewer Overflows (SSO's)
 - c. Rainfall and Overflow Events

2. Corrective Action Plan Overall Summary
 - a. Corrective Action Plan Synopsis
 - b. Summary of Overflow Events and Overflow Amount Reductions
 - c. Summary of Efforts to Reduce Overflows and Costs

List of Appendices

Appendix A	Line Cleaning Records
Appendix B	Line Cleaning Maps
Appendix C	CCTV Camera Examination Records
Appendix D	Sewer Repair and Replacement Records
Appendix E	Lift Station Maintenance Records
Appendix F	Easement Cleaning Right of Way Maps
Appendix G	Rainfall Records
Appendix H	Corrective Action Plan Correspondence
Appendix I	Overflow Events and Amounts
Appendix j	Rainfall and WWTP Effluent Flow



1. Twelfth Quarter Report

This report covers the three-month period from August 2021 to October 2021. An overall Corrective Action Plan Summary follows this section of the report.

As a result of the Arkansas Energy and Environment / Environmental Quality letter of October 29, 2018, Mountain Home's objective has been to implement actions and procedures to reduce sanitary sewer overflows.

a. Wastewater System Maintenance

The following information updates items of equipment and work that has been done concerning the wastewater collection system maintenance to reduce sewer overflows.

- Work Crews

- Line Cleaning

Line cleaning records for this quarter are attached in APPENDIX A – LINE CLEANING RECORDS. Maps showing these areas that have been cleaned in the various parts of the City are highlighted and attached in APPENDIX B – LINE CLEANING MAPS.

- Closed Circuit Television (CCTV)

CCTV records for this quarter are attached in APPENDIX C – CCTV CAMERA EXAMINATION RECORDS.

- Repair / Maintenance

As problems are found through the inspections, work orders are produced to get the problems fixed. These work orders are attached in APPENDIX D – SEWER REPAIR AND REPLACEMENT RECORDS. These repairs reflect irregular sewer main conditions found during the line cleaning and CCTV examinations.

- Lift Stations

Lift station maintenance beyond the normal everyday inspections is typically done when a VACTOR truck is used to pump out wet wells when needed. No lift stations were pumped out this quarter. Included in APPENDIX E – LIFT STATION MAINTENANCE RECORDS are the lift station pump run times for each month.



Corrective Action Plan Overall Summary

Piping and materials for the force main of the new lift station for the Indian Creek service area is on site and the installation is in progress. Following the force main installation, the lift station work will begin. A completion date has not yet been determined for this work.

The install of the Supervisory Control and Data Acquisition (SCADA) system that will provide 24 hour monitoring at all 12 lift stations is still in progress. A completion date has not yet been determined for this work.

(b) Additional Compliance Efforts to Reduce Sanitary Sewer Overflows (SSO's)

The following is an update on the efforts being accomplished in addition to the current ongoing measures that are being done to address the SSO's, as noted in the Corrective Action Plan (CAP) dated December 14, 2018.

- Additional Assets

The new VACTOR truck, the new CCTV Camera, and flow measurement equipment continues in use.

- Fats, Oils, and Grease (FOG) Program

The FOG outreach program is ongoing.

- Clearing Right of Way

Maintenance mowing and Right of Way inspection work for this quarter in various parts of the City are highlighted and attached in APPENDIX F – EASEMENT CLEANING RIGHT OF WAY MAPS.

- Smoke Testing

Smoke testing work is on a 3-year schedule such that the entire system is planned to be smoked tested in 2022.

(c) Rainfall and Overflow Events

For informational purposes, daily rainfall records included in APPENDIX G – RAINFALL RECORDS, were examined for any infrequent rainfall amounts that might have occurred that would influence potential overflow events. No overflows occurred this quarter.



Corrective Action Plan Overall Summary

2. Corrective Action Plan Summary

a. Corrective Action Plan Synopsis

The City of Mountain Home received a letter on October 29, 2018, from the Arkansas Department of Environmental Quality (ADEQ), now known as the Arkansas Department of Energy and Environment (ADEE) / Water Quality Division, regarding 51 reported Sanitary Sewer Overflows (SSOs) that occurred from the period from September 1, 2015, to September 30, 2018. ADEE requested that the City prepare a Corrective Action Plan (CAP), detailing the measures that are being taken or that will be taken to reduce SSOs. They also requested exact locations of the lift stations and manholes with the City's sewer collection system.

The City responded on December 11, 2018, with a CAP developed by Garver, LLC with the City's assistance in establishing the specifics of measures to be taken to reduce SSOs.

The City received a response from ADEE on December 27, 2018, requesting an inclusive milestone schedule, including a final date of compliance, a lift station report evaluating the adequacy of the lift stations, and requesting quarterly reports of the progress being made towards meeting the milestone date.

The City responded by letter dated January 14, 2019, listing several actions the planned to take towards reducing the overflows and stated a date of compliance for reducing SSOs of December 2021. The City also submitted the Lift Station Evaluations Report to ADEE by letter dated February 25, 2019.

Copies of this correspondence is included in APPENDIX H – CORRECTIVE ACTION PLAN CORRESPONDENCE.

b. Summary of Overflow Events and Overflow Amount Reductions

The City's National Discharge Pollutant Discharge Elimination System (NPDES) permit, Number AR0021211, requires the City to report overflow occurrences and amounts. It also specifies that the City must follow Best Management Practices to prevent or reduce the pollution of the waters of the State from stormwater runoff, spills or leaks, sludge or waste disposal or drainage from raw sewage.

The ADEE letter of October 29, 2018, notified the City that measures needed to be taken to reduce SSO's and a Corrective Action Plan be instituted to outline how the City will accomplish overflow reduction. Corrective Action Plan summaries were submitted every quarter starting with the first quarter report submitted on February 25, 2019, covering the months of November and December 2018 and January 2019. A total of 12 quarterly reports have been submitted detailing the work the City has been accomplishing towards reducing SSO's. The following paragraphs give a summation of the progress made over the last 3 years to reduce the SSO's.



Corrective Action Plan Overall Summary

For the 3 year period of **September 1, 2015, to September 30, 2018**, the Discharge Monitoring Reports indicate **64** overflows with a reported total volume of **177,955** gallons. (Note that these numbers are different from the ADEE letter of October 29, 2018, but reflect the actual numbers taken from the submitted Discharge Monitoring Reports).

For the 3 year period of **October 1, 2018, to October 31, 2021**, the Discharge Monitoring Reports indicate **27** overflows with a reported total volume of **89,225** gallons.

This 3 year effort resulted in the following reductions:

- Overflow occurrences for the 3 year period of **September 1, 2015, to September 30, 2018**, compared to the 3 year period of **October 1, 2018, to October 31, 2021**, have been reduced **58%**.
- Overflow amounts for the 3 year period of **September 1, 2015, to September 30, 2018**, compared to the 3 year period of **October 1, 2018, to October 31, 2021**, have been reduced **50%**.

Charts of this data are included in APPENDIX I – OVERFLOW EVENTS AND AMOUNTS.

There is also a correlation between the amount of rainfall and the resulting effect it has on the effluent volume at the wastewater treatment plant (WWTP). Due mainly to infiltration and inflow in the wastewater collection system (which has been the typical cause of the overflows that Mountain Home has seen in their collection system), a rainfall event will typically increase the effluent volume at the WWTP fairly quickly then will slowly decrease over a period of time, depending on location, intensity, and length of the rainfall event.

As an overview examination of the amount of wastewater effluent volume the WWTP treated for the 3 year period of **September 1, 2015, to September 31, 2018**, records kept at the WWTP indicate **89.16** inches of rainfall occurred (this is rainfall recorded at the WWTP) with a total WWTP effluent volume of **2,607,443,000** gallons.

For the 3 year period of **October 1, 2018, to October 31, 2021**, records kept at the WWTP indicate **155.63** inches of rainfall occurred with a total WWTP effluent volume of **3,136,975,000** gallons.

Note that the rainfall amount increased **75%** over the previous 3 year period, however, the total effluent volume, as compared to the previous 3 year period, only increased **20%**. This marginal increase in effluent volume versus a much larger rainfall increase is indicative that the efforts the City has done to reduce the infiltration and inflow into the collection system is having positive results.

Charts of this data are included in APPENDIX J – RAINFALL AND WWTP EFFLUENT FLOW.



c. Summary of Efforts to Reduce Overflows and Costs

The City has put forth a significant effort to reduce the amount and volume of overflows. These efforts will not be reduced or stopped but from this point forward, the City intends to continue with the items listed below for achieving even further reductions in overflow events.

- Line Cleaning – dedicated crew continually cleaning lines throughout the City.
- Closed Circuit Television (CCTV) - dedicated crew continually examining lines throughout the City with CCTV equipment.
- Repair / Maintenance - dedicated crew continually repairing / maintaining lines throughout the City based on work orders from the line cleaning and CCTV crews.
- Lift Stations – checked daily for operation and wet wells pumped out when needed to remove scum layers and other buildup of material.
- Lift Station SCADA – will allow for faster response times to the lift stations when a power outage occurs or other event that could cause an overflow at the lift station.
- New VACTOR truck, - purchased and operational for jetting lines / manholes, removal of material at overflow events and pumping out of lift stations.
- Fats, Oils, and Grease (FOG) Program – program is established and continues to be monitored.
- Clearing Right of Way – dedicated crew continually clearing sewer line Right of Way to prevent any building of private structures over the sewer lines and to prevent trees from growing around the sewer lines resulting from potential root intrusions.
- Smoke Testing – will be accomplished over a 3 year schedule with the next system wide testing planned for the year 2022.

In addition to the above, the City has budgeted for 2022 a Water and Sewer Master Plan Update, which, as concerns the sewer system will:

- Update the City's sewer collection system hydraulic model based on the City's existing sewer system data, record drawings, and lift station pump assessments.



Corrective Action Plan Overall Summary

- Identify capital improvement needs to address gaps in lift station capacity based on the assessment.
- Develop modeling scenarios for flow conditions based on historical flow data.
- Complete hydraulic model assessments of buildout condition and develop infrastructure improvements to address future system buildout.
- Examine the possibility for constructing an equalization basin to further dampen any potential surges that might occur in the collection system to reduce the impact on the WWTP.
- Examine the current WWTP operation and treatment systems for adequate operation meeting today's regulatory requirements and for the future needs and requirements.

In alleviating the overflow conditions that precipitated the need for the Corrective Action Plan, the City's allocation of work forces and funds over the last 3 year period resulted in:

- Over the 3 year period of **October 1, 2018, to October 31, 2021**, the City has spent **7,461** hours in sewer line cleaning totaling over **941,912** feet of sewer line.
- Over the 3 year period of **October 1, 2018, to October 31, 2021**, the City has spent **3,166** hours in CCTV inspection of sewer lines totaling over **285,476** feet of sewer line.
- Over the 3 year period of **October 1, 2018, to October 31, 2021**, the City has developed **304** work orders in sewer line repair and maintenance with a cost of **\$1,573,444**.

The City of Mountain Home has actively followed the activities, practices, maintenance procedures, and other management practices designed to prevent or reduce the pollution of waters of the State. The City's is committed to continue the above listed action items and to implement further recommendations that may come out of the planned Water and Sewer Master Plan Update. This planning and effort will enable the City to continue to further reduce the sewer collection system overflows.

APPENDIX A
LINE CLEANING RECORDS

Sewer Maintenance Daily Information

Date: 8-2-2021

Operator: H. Slings
 Laborer: _____
 Laborer: _____

Hours Worked _____
 Hours Worked _____
 Hours Worked _____

Location / Address: _____

Vactor E351 / Vactor E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: _____
 Number of stop-ups: _____

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Asst Marvin	@ lift stations	0800	1100		
2.	PT		11:30	2:00		
3.	Cleaned TRK		2:00	3:15		
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 2-5-2021

Operator: Hastings
 Laborer: Mullen
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: Ivy / 2nd / Circle

Vactor E351 / (E320) (circle)

Feet of sewer line cleaned regular maintenance: 1950
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	<u>Assist Rocky @ Ivy</u>		<u>0700</u>	<u>0800</u>		
2.	<u>Assist Kuba @ 2nd</u>		<u>0830</u>	<u>1030</u>		
3.	<u>clean pump TRK</u>		<u>11:00</u>	<u>11:30</u>		
4.	<u>137141</u>	<u>137142</u>	<u>12:50</u>	<u>1:00</u>	<u>300</u>	<u>WH</u>
5.	<u>137141</u>	<u>137143</u>	<u>1:00</u>	<u>1:10</u>	<u>250</u>	
6.	<u>137140</u>	<u>137141</u>	<u>1:30</u>	<u>1:45</u>	<u>300</u>	
7.	<u>137149</u>	<u>137140</u>	<u>2:10</u>	<u>2:20</u>	<u>400</u>	
8.	<u>137074</u>	<u>137149</u>	<u>2:40</u>	<u>3:00</u>	<u>400</u>	
9.	<u>137074</u>	<u>137076</u>	<u>3:00</u>	<u>3:10</u>	<u>300</u>	
10.	<u>2000 gallons @ Circle</u>		<u>1:00</u>	<u>3:00</u>		
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-4-2021

Operator: JK Stays
 Laborer: Mullen
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: GCE

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 2050
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	106145	106089	1:45	1:55	550	WH #2
2.	106145	106133	1:55	2:10	400	WH #2
3.	106155	106145	2:15	2:25	400	WH #2
4.	1000 5-110AS	@ GCE	2:30	2:40		
5.	122540	122530	2:50	3:00	500	WH #2
6.	122545	122540	3:00	3:10	200	WH #2
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-4-2021 Operator: Hastings S Hours Worked: 8
 Laborer: Mullan Hours Worked: 8
 Laborer: _____ Hours Worked: _____

Location / Address: Fair grounds

Vactor E351 / Vactor E320 (circle)

Feet of sewer line cleaned regular maintenance: 3250
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	169140	169145	0715	0730	650	N
2.	1000 gallons @ Fair grounds		0735	0745		
3.	122365	122360	0810	0820	350	WH #1
4.	122365	122363	0820	0845	400	WH #1
5.	1000 gallons @ Fair grounds		10:25	10:35		
6.	Assist Kevin @ Dyer		0900	10:00		
7.	122065	122365	10:40	10:50	200	WH #1
8.	122065	122060	10:50	10:55	150	WH #1
9.	122065	122060	10:55	11:05	650	WH #1
10.	1000 gallons		11:10	11:20		
11.	107150	107153	12:40	1:00	450	WH #2
12.	107135	106175	1:10	1:20	100	WH #2
13.	107135	107141	1:20	1:25	300	WH #2
14.	1000 gallons @ 62		1:30	1:40		
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-5-2021

Operator: H. Stings

Hours Worked 8

Laborer: M. Ken

Hours Worked 5

Laborer: _____

Hours Worked _____

Location / Address: Spring / Sanford

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 1000

Feet of sewer line cleaned due to stop-ups: 0

Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	<u>Clear JT @ Spring</u>		<u>0715</u>	<u>0800</u>		
2.	<u>106160</u>	<u>106135</u>	<u>0810</u>	<u>0820</u>	<u>600</u>	<u>WH #2</u>
3.	<u>106160</u>	<u>106155</u>	<u>0820</u>	<u>0825</u>	<u>200</u>	<u>WH #2</u>
4.	<u>122550</u>	<u>122545</u>	<u>0830</u>	<u>0835</u>	<u>100</u>	<u>WH #2</u>
5.	<u>122550</u>	<u>106160</u>	<u>0835</u>	<u>0840</u>	<u>100</u>	<u>WH #2</u>
6.	<u>2000 gallons @ Col.</u>		<u>0845</u>	<u>0855</u>		
7.	<u>Repair track</u>		<u>0900</u>	<u>11:00</u>		
8.	<u>Clear track</u>		<u>12:30</u>	<u>3:00</u>		
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-9-2021

Operator: Haskings
 Laborer: Mulla
 Laborer: _____

Hours Worked 8
 Hours Worked _____
 Hours Worked _____

Location / Address: PTS / 4th / Sanford

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 4850

Feet of sewer line cleaned due to stop-ups: 0

Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Cleared & Marked PT		0700	0830		
2.	138271	138279	0900	0930	500	WH #1
3.	138271	138270	0935	0940	250	WH #1
4.	1000 gallons @ 4 th		0950	1000		
5.	122555	123170	10:15	10:25	500	WH #1
6.	122560	123178	10:30	10:35	300	WH #1
7.	122560	122555	10:35	10:40	200	WH #1
8.	122565	122560	10:45	10:50	200	WH #1
9.	1000 gallons @ Shop		11:00	11:10		
10.	123186	123183	11:15	11:25	150	
11.	123188	123180	11:25	11:30	100	
12.	123205	123202	11:35	11:40	250	
13.	123210	123203	11:40	11:45	100	
14.	123210	123180	11:45	11:55	400	
15.	1000 gallons @ 6C		12:40	12:50		
	123579	123210	1:10	1:20	300	
	123579	122565	1:35	1:45	400	
	123579	123579	1:45	1:50	150	
	1000 gallons @ Redwood		2:00	2:10		
	123305	123303	2:15	2:25	200	
	123310	123305	2:30	2:45	400	
	123360	122577	2:45	2:55	450	
	1000 gallons @ 6C					

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-10-2021 Operator: H-Sting^s Hours Worked 8
 Laborer: Mullen Hours Worked 3
 Laborer: _____ Hours Worked _____

Location / Address: Madison /

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 3150
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	1000 gallons @	Arkansas	0710	0720		
2.	Assist Garrett @	Madison	0725	0730		
3.	Clean & Dump	TRK	0830	0900		
4.	got TPT animal	catch	0900	0935		
5.	107085	107050	10:20	10:25	350	ST
6.	107085	107090	10:25	10:30	100	ST
7.	107100	107085	10:45	11:00	300	ST
8.	1000 gallons @	62	10:35	10:45		
9.	Work on TRK	360	11:00	11:40		
10.	107155	107100	12:50	1:00	250	N
11.	107060	107055	1:15	1:30	400	N
12.	107060	107062	1:30	1:35	100	N
13.	2000 gallons @	Coley				
14.	107105	107112	1:55	2:15	550	N
15.	1000 gallons @	62	2:20	2:30		
	107163	107105	2:35	2:45	500	N
	107163	107060	2:50	2:35	500	N
Comments (problem areas or customer info). <u>1000 gallons @ Coley</u>						

Turn this in to your foreman each morning.

250
Dyer

Sewer Maintenance Daily Information

Date: 8-11-2021

Operator: A. Stings
Laborer: Mullen
Laborer: _____

Hours Worked 8
Hours Worked 8
Hours Worked _____

Location / Address: Franklin / Connie Baker /

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
Feet of sewer line cleaned due to stop-ups: 0
Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
* Device - (RS for Root Saw / N for Nozzle / Etc).

MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Assist Garrett @ Franklin	0715			
2.	Clean Truck				
3.	Assist Garrett @ Connie Baker				
4.	Clean Truck		0230p		
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-17-2021

Operator: Hastings
 Laborer: _____
 Laborer: _____

Hours Worked 8
 Hours Worked _____
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	<u>Assist Garrett</u>	<u>W/locks</u>	<u>0715</u>	<u>0300</u>		
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-13-2021

Operator: Hastings
 Laborer: Mullen
 Laborer: _____

Hours Worked 5
 Hours Worked 8
 Hours Worked _____

Location / Address: North Point

Vector E351 Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____

Feet of sewer line cleaned due to stop-ups: _____

Number of stop-ups: _____

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

1.	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	<u>Assist w/ water leaks</u>		<u>0600</u>	<u>0300</u>		
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-16-2001 Operator: W. King S Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: PT'S

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 1250
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	clean PT'S		9:00	1:00		
2.	1000 gallons @ shop					
3.	1000 gallons TRK 200					
4.	138390	138465	12:50	1:05	350	WH #2
5.	138390	138385	1:05	1:15	400	WH #2
6.	138064	138059	1:30	1:45	250	WH #2
7.	138064	138062	1:45	2:20	250	WH #2 & VCC D. 6.5.5
8.	1000 gallons @ shop 2nd		1:15	1:30		
9.	1000 gallons @ shop 2nd		2:30	2:40		
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-17-2021 Operator: Hastings Hours Worked: 8
 Laborer: Mullen Hours Worked: 5
 Laborer: _____ Hours Worked: _____

Location / Address: overlook

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 3550
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Dump Clean TRK		0715	0800		
2.	123320	123330	0815	0830	400	WH #2
3.	123320	122281	0830	0840	500	WH #2
4.	123320	123310	0840	0850	400	WH #2
5.	1000 gallons @ Redbird		0850	0900		
6.	123325	123320	0910	0920	350	WH #2
7.	122305	123325	0930	0940	300	WH #1
8.	122300	122295	0945	1000	400	WH #1
9.	122300	122305	1000	1010	100	WH #1
10.	Assist Chris @ Hospital		10:30	11:00		
11.	122320	123350	11:10	11:20	350	WH #1
12.	122320	122315	11:20	11:25	250	WH #1
13.	122320	123305	11:25	11:40	500	WH #1
14.	Clean & Repair Truck		12:30	3:00		
15.	2000 gallons @ Redbird		3:00	11:30		

Comments (problem areas or customer info).
122305 to ~~122310~~ 123340 Can not get Jetter into
Needs Video

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-18-2001 Operator: H. King S Hours Worked 8
 Laborer: M. Lane Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: Redbud / Shop / Shiras

Vactor E351 / Vactor E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: _____
 Number of stop-ups: _____

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

1.	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
	10000 gallons @ Shop		0710	0720		
2.	123345	123343	0730	0750	200	N
3.	123347	123345	0800	0830	300	N
4.	Work on Trk @ Shop		0840	1:30		
5.	138170	138185	1:50	2:00		
6.	10000 gallons @ Shop		1:35	1:45		
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-19-2021 Operator: Hasting S 8 Hours Worked
 Laborer: Milled 8 Hours Worked
 Laborer: _____ _____ Hours Worked

Location / Address: Richard

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: _____
 Number of stop-ups: _____

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	123348	123362	07:25	07:35	100	N
2.	123348	123347	07:35	07:45	550	N
3.	1000 gallons @ Shop		08:00	08:10		
4.	Assist Ed @ Dyer st		08:20	09:50		
5.	Pumpt Clean TRK		10:15	10:45		
6.	123370	123348	11:00	11:25	500	N
7.	Assist Ed @ Dyer					
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-13-02

Operator: A. Hastings
 Laborer: M. Allen
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

MH #	MH #	Time	Time	Footage	* Device
From	To	Started	Ended		
1.	<u>move & clean PT</u>	<u>0700</u>			
2.	<u>Dump & clean Truck</u>		<u>0800</u>		
3.	<u>Assist Sewer Plant</u>	<u>0800</u>	<u>0900</u>		
4.	At				
5.	<u>152065</u> <u>152060</u>	<u>0920</u>	<u>10:00</u>		
6.	<u>back MH's</u>	<u>11:00</u>	<u>3:00</u>		
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-24-2021 Operator: Hastings S Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: Gray St / Circle St /

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 2800
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Dump & clean TRK		0700	0730		
2.	Work on TRK Drain		0730	0830		
3.	153020	153025	0900	0915	700	WH #2
4.	1000 gallons @ Gray		0840	0850		
5.	153020	153010	0915	0930	550	WH #2
6.	Vac MH 153020	153010	0930	0950	850	WH #2
7.	Vac MH 153020	153025	0950	1000	200	WH #2
8.	138310	138090	10:30	11:00	450	WH #2
9.	1000 gallons @ 5th		10:20	10:30		
10.	138340	138290	11:10	11:30	450	WH #2
11.	138340	138335	2:30	3:00	450	WH #2
12.	1000 gallons @ 8th					
13.	Assist Sewer Plant @ ^{big} creek		12:45	2:15		
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8/28/31

Operator: Anthony Miller Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: _____

Vactor E351 / Vactor E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	helped leak crew		7:15	3:30	—	—
2.	1500 Gal	cut shop	7:00	7:15	—	—
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8/29/21

Operator: Anthony Muller Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	helped leak crew		7:45	3:30	—	—
2.	1500 Gal at Shop		7:00	7:15	—	—
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-30-2021 Operator: Hestings Hours Worked 8
 Laborer: Mullen Hours Worked 5
 Laborer: _____ Hours Worked _____

Location / Address: PT's / Fairgrounds / S. Church

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 550
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

1.	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Clean PT's		0700	0800		
2.	167140	167145	2:10	2:25	550	WH #2
3.	Assist Kevin @ S. Church		2:25	2:40		
4.	Fuel + DEF					
5.	200 gallons @ Dyer					
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 8-31-2021

Operator: Hastings
 Laborer: Mullen
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 1250
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

1.	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	<u>Assist Kevin @ dig up</u>		<u>0700</u>	<u>0930</u>		
2.	<u>check MH 110001</u>		<u>0940</u>	<u>0950</u>		
3.	<u>155516</u>	<u>155522</u>	<u>10:20</u>	<u>10:45</u>	<u>150</u>	<u>WH #2</u>
4.	<u>155516</u>	<u>171012</u>	<u>10:40</u>	<u>10:45</u>	<u>100</u>	
5.	<u>155510</u>	<u>171012</u>	<u>10:55</u>	<u>11:05</u>	<u>200</u>	
6.	<u>155504</u>	<u>155510</u>	<u>11:10</u>	<u>11:20</u>	<u>250</u>	
7.	<u>155504</u>	<u>171024</u>	<u>11:20</u>	<u>11:30</u>	<u>550</u>	
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 7-1-2021 Operator: H. Shingis Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: _____

Vector E351 Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	clean tools & Truck		0700	0830		
2.	Assist James @ Hospital Dr		0840	1000		
3.	Assist Sewer Plant @ Plant		1015	1115		
4.	move & clean PT for Street Dept		1130	1100		
5.	Get supplies for truck		1110	140		
6.	rec gallons @ shop		1:50	200		
7.	Assist James		2:15	3:00		
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 7-2-2021 Operator: H-stang Hours Worked 8
 Laborer: Mullen Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: Shop / Plezeway

Vector E351 / (Vactor E320) (circle)

Feet of sewer line cleaned regular maintenance: 2200
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Install New Parts on Trk 320		0700	1000		
2.	094062	094063	10:20	10:35	550	
3.	094005	094062	10:40	10:50	550	
4.	110025	094005	10:55	11:10	550	
5.	110005	110025	11:15	11:25	550	
6.	2000 gallons @ Plezeway		10:30	11:30		
7.	Assist Kevin @ Lee		12:45	2:30		
8.	Assist Tyler @ Bender		2:30	3:00		
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9/7/21 Operator: Anthony Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: Shop, Justin lane, park's, sewer plant,
dump by walmart!

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	1500 Gal at shop		7:00	7:30	—	—
2.	Toilets	0000	7:30	9:30	—	—
3.	helped James		9:30	12:00	—	—
4.	helped James		12:30	2:00	—	—
5.	1500 Gal at shop		2:00	2:30	—	—
6.	Cleaned truck		2:30	3:30	—	—
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9/8/21

Operator: Anthony Mulla Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: park's shop, dump by walmart Stage parking lot

Victor E351 / Victor E320 (circle)

Feet of sewer line cleaned regular maintenance: 1450

Feet of sewer line cleaned due to stop-ups: 0

Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Cleaned Toilets		7:30	10:05		
2.	095121	095127	10:15	10:20	300	
3.	095109	095121	10:20	10:30	250	
4.	095103	095109	10:30	10:50	350	
5.	095097	095103	10:50	11:00	200	
6.	095079	095097	11:00	11:20	350	
7.	1500 Gal at Shop		11:20	12:00		
8.	helped - times		12:30	3:15		
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-13-2021

Operator: Hastings
 Laborer: M. Miller
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: _____

Vector E351 / (Vector E320) (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 1

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Vec/clean/move	PT'S	0700	0800		
2.	Assist Kevin @ Cooper		0800	1000		
3.	1000 gallons @ Cooper's		0900			
4.	Assist James @ W. Wade		1000	1200		
5.	move & clean	PT'S	12:40	1:00		
99 6.	152275	to 152270	1:15	1:30	0	No Problem found
7.	move PT'S to Rovers market		1:45	2:45		
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9/10/21 Operator: Anthony mullen Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: shop/stage-1

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: _____
 Number of stop-ups: _____

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	095061	095079	7:00	7:20	250	
2.	095055	095061	7:20	8:00	400	
3.	1500 Gal	stage	8:00	8:15		
4.	095091	095115	8:15	8:30	300	
5.	095085	095091	8:30	9:00	300	
6.	095073	095085	9:00	9:30	300	
7.	1500 Gal	stage	9:30	9:40		
8.	095049	095055	9:40	10:15	400	
9.	095043	095049	10:15	10:30	350	
10.	095043	095073	10:30	10:50	350	
11.	095037	095043	10:50	11:20	300	
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-14-2021 Operator: H. Stinson Hours Worked: 8
 Laborer: Muller Hours Worked: 8
 Laborer: _____ Hours Worked: _____

Location / Address: 60 / Buzzard Road

Vactor E351 / Vactor E320 (circle)

Feet of sewer line cleaned regular maintenance: 4000
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	105420	105365	0700		550	WH #2
2.	105420	106105		0820	100	WH #2
3.	Assist Sewer Plant		0830	0930		
4.	093007	093008	0945	0950	150	N
5.	093007	End of line	0950	0955	250	N
6.	094105	093007	1000	1020	550	N
7.	Assist James @ Cooper		1030	11:00		
8.	094100	094105	11:10	1120	550	N
9.	094111	094112	11:25	11:30	250	N
10.	094111	094110	11:30	11:35	200	N
11.	3000 gallons @ Buzzard		10:00	12:00		
12.	094095	094100	12:40	12:55	550	N
13.	094094	094095	1:00	1:05	200	N
14.	094094	094111	1:05	1:10	300	N
15.	094093	094094	1:15	1:35	350	N + Vactor

Roots & Debris

lots of Gravel

1000 gallons @ Buzzard R 1:10 1:50

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-17-2021 Operator: Hestings Hours Worked 26
 Laborer: Mullen Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: Buzzard Road

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 1600
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	094092	094093	1:55	2:00	100	N
2.	094014	094092	2:10	2:20	200	N
3.	094013	094014	2:25	2:30	150	N
4.	094012	094013	2:30	2:35	100	N
5.	1000 gallons @ Buzzard					
6.	10034	094012	2:40	2:55	550	N
7.	10033	10034	2:55	3:10	550	N
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-15-2001 Operator: Hasting S Hours Worked 8.5
 Laborer: Mullen Hours Worked 8.5
 Laborer: _____ Hours Worked _____

Location / Address: Stop / Long St / Buzzard Road

Vector E351 / (Vector E320 (circle))

Feet of sewer line cleaned regular maintenance: 4150
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Safety meeting		0700	0830		
2.	Ass. st @ Long St		0840	0930		
3.	Pump truck @ Walnut		0945	0950		
4.	110032	110033	1015	1025	400	
5.	110031	110032	1030	1035	300	
6.	110026	110031	1045	1100	450	
7.	110021	110026	11:05	11:20	550	
8.	2000 gallons @ Buzzard		11:00	11:30		
9.	094108	094114	12:40	12:55	400	
10.	094096	094108	1:05	1:15	550	
11.	094097	094096	1:20	1:30	400	
12.	094055	094097	1:35	1:40	250	
13.	1000 gallons @ Buzzard		1:40	1:50		
14.	094053	094055	1:55	2:05	150	
15.	094050	094053	2:10	2:20	350	
	094045	094050	2:25	2:35	350	

Comments (problem areas or customer info).
TRK

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-16-2001

Operator: J. S. King
 Laborer: Mullen
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 4400
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	094040	094045	0730	0750	550	N
2.	1000 gallons	@ Walmart	0715	0725		
3.	094065	End of line	0755	0810	100	N
4.	094060	094065	0815	0825	300	N
5.	1000 gallons	@ Harbor	0830	0840		
6.	094030	094040	0845	0855	550	N
7.	094030	094060	0855	0900	300	N
8.	1000 gallons	@ Walmart	0905	0915		
9.	094002	094030	0900	0930	550	N
10.	110001	110005	0935	0940	550	N
11.	110001	094002	0940	0945	450	N
12.	1000 gallons	@ Walmart	0950	1000		
13.	110036	110046	10:25	10:35	500	N
14.	110009	110001	10:40	10:50	550	N
15.	Assist Justin	@ Harbor	10:55	11:15		

1000 gallons @ Shop

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-16-2001 Operator: Hastings Hours Worked 8
 Laborer: Muller Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: Lowes / TJS Max

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 2950
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	110016	110036	11:20	11:30	250	N
2.	110016	110009	11:30	11:35	500	N
3.	110016	110021	11:35	11:45	400	N
4.	111001	098007	2:00	2:15	550	N
5.	098007	095037	1:40	1:58	550	N
6.	Assist Justin @ Harbor		12:45	1:30		
7.	111007	095002	2:25	2:35	300	N
8.	111007	111001	2:35	2:45	400	N
9.	1000 gallons @ Lowes		2:45	2:55		
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-20-2021

Operator: Hastings
 Laborer: Mullen
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 1950
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Clean & more PT's		0700	0800		
2.	Clean clean out @ shop		0800	0800		
3.	PT's		0830	11:30		
4.	095025	095031	1:25	1:40	300	N
5.	095013	095019	1:50	2:05	550	N
6.	095013	095025	2:10	2:30	550	N
7.	111054	095013	2:35	2:55	550	N
8.	2000 gallons @ stage		1:00	500		
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-21-2021 Operator: Hastings Hours Worked 8
 Laborer: Mullen Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: Cooper estates

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 200
 Number of stop-ups: 1

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Replace lid @ M/H 155498	0800	0900		
2.	Replace lid @ M/H 122565	0900	0930		
3.	Checked M/H on cut 5-11	9:30	12:00		
4.	Pushed special pipe	12:45	3:00		
5.	124010 108238	3:20	4:00	200	N/WH
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

Roots in line

SS

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-22-2021

Operator: Asking S
 Laborer: Mullen
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: Richsmith

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 2900

Feet of sewer line cleaned due to stop-ups: 0

Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	108320	108325	0725	0735	250	N
2.	108298	108330	740	8:00	200	N
3.	108295	108298	0810	0825	500	N
4.	1000 gallons @ shop		0840	0850		
5.	Assist water plant @ lift station		9:00	12:00		
6.	1000 gallons @ fire grounds					
7.	108310	108320	1:15	1:30	550	N
8.	108305	108295	1:35	1:40	100	N
9.	108305	108310	1:40	1:50	250	N
10.	1000 gallons @ Richsmith		1:50	2:00		
11.	108300	108305	2:05	2:10	100	N
12.	108200	108300	2:15	2:25	550	N
13.	108105	108200	2:30	2:45	400	N
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-23-21 Operator: H. King Hours Worked 8
 Laborer: Mullen Hours Worked 5
 Laborer: _____ Hours Worked _____

Location / Address: Remanz

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 3300
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	155210	155211	0730	0745	450	N
2.	155260	155255	0750	0800	500	N
3.	155215	155260	0805	0815	500	N
4.	155215	155210	0815	0820	300	N
5.	2000 gallons @ Remanz		0730	0830		
6.	155220	155253	0840	0900	550	N
7.	155220	155215	0900	0905	250	N
8.	155225	155220	0915	0925	300	N
9.	155235	155230	0930	0945	450	N
10.	Assist Flippin	Sewer Plant	0945 1000	1230		
11.	1000 gallons @ Waverly		945	1000		
12.	Clean + Dump truck		1:15	1:45		
13.	Refuel truck		1:50	2:00		
14.	Repair truck		2:10	3:00		
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-24-2021 Operator: H-shing S Hours Worked 8
 Laborer: M-chen Hours Worked 7
 Laborer: _____ Hours Worked _____

Location / Address: _____

Factor E351 / Factor E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Clean + Move PT's		0900	1100		
2.	Assist	Kevin	1100	1200		
3.	Assist Sewer Plant		0700	0900		
4.	clean MH's		12:45	1:45		
5.	clean truck		200	3:15		
6.	1000 gallons @ stop					
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 09-27-2021 Operator: Hastings Hours Worked: 8
 Laborer: Mullen Hours Worked: 8
 Laborer: _____ Hours Worked: _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 600
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	<u>Clear out manhole PT's</u>	<u>07:00</u>	<u>08:30</u>		
2.	<u>Assist Sewer Plant @ lift</u>	<u>08:45</u>	<u>09:15</u>		
3.	<u>Assist Kevin @ Cooper</u>	<u>09:30</u>	<u>10:45</u>		
4.	<u>124100</u> <u>124004</u>	<u>11:00</u>	<u>12:00</u>	<u>200</u>	<u>N / vac</u>
5.	<u>Dump Truck</u>	<u>12:45</u>	<u>1:00</u>		
6.	<u>124100</u> <u>124004</u>	<u>1:15</u>	<u>2:30</u>	<u>400</u>	<u>N / vac</u>
7.	<u>2000 gallons @ Seirest</u>	<u>1:00</u>	<u>3:00</u>		
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-28-2021

Operator: H. Stang
 Laborer: M. Wilson
 Laborer: _____

Hours Worked 8
 Hours Worked _____
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Assist Sewer Plant @ Lift Stations		07:00	12:00		
2.	Harold Tucker's Sewer DEF		12:45	1:00		
3.	Baker's Acker		1:30	2:00		
4.	Check M/H on outfall		2:00	3:15		
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 9-09-2001

Operator: Hastings
 Laborer: Mullen
 Laborer: _____

Hours Worked _____
 Hours Worked _____
 Hours Worked _____

Location / Address: _____

Vactor E351 / (Vactor E320) (circle)

Feet of sewer line cleaned regular maintenance: 4550
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH# From	MH# To	Time Started	Time Ended	Footage	* Device
1.	122325	122320	7:50	8:00	200	4H#7
2.	122330	122325	0805	0810	150	4H#1
3.	122335	122355	0820	0830	500	4H#1
4.	122335	122330	0830	0835	200	
5.	1000 gallons @ Cedar		0840	0850		
6.	122070	122335	0900	0915	500	
7.	122070	122065	0915	0925	350	
8.	1000 gallons @ Locust		0930	0940		
9.	122080	122320	0940	0950	500	
10.	122080	122070	0950	1000	500	
11.	1000 gallons @ Ray		10:20	10:30		
12.	122085	122380	10:45	10:55	400	
13.	122085	122080	10:55	11:10	400	
14.	1000 gallons @ Windbrook		11:10	11:20		
15.	122085	122395	11:25	11:35	250	
	122395	122390	11:35	11:40	300	
	122395	122370	11:40	11:50	300	

Comments (problem areas or customer info):

1000 gallons @ Shop

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-1-2021 Operator: Hasting S Hours Worked 8
 Laborer: Mullen Hours Worked 5
 Laborer: Hunter Hours Worked 2

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

MH #	MH #	Time	Time	Footage	* Device
From	To	Started	Ended		
1.	Clean TT'S	0700	1:30		
2.	Truck Safety	2:00	3:15		
3.	1000 gallons @ 62				
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-4-2021

Operator: Hastings
 Laborer: _____
 Laborer: _____

Hours Worked 8
 Hours Worked _____
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____

Feet of sewer line cleaned due to stop-ups: _____

Number of stop-ups: _____

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Assist Kevin @ Lilliant 3 rd		07:15	09:15		
2.	Dump truck @ E 6 ²		9:15	9:30		
3.	Refuel TRK					
4.	Replace Hose on front reel		9:50	11:00		
5.	169140	169145	11:15	11:45	650	WJ #2
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10/5/01 Operator: H. Stings Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 1150
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	122445	122455	0730	0830	200	WD #2
2.	Clean PIT @ Farmer's Market		0840	0900		
3.	Clean PIT @ Fishing Pond's		0910	0930		
4.	Paper Mill @ Office		0930	0940		
5.	1000 gallons @ Shop		0940	0950		
6.	151072	151076	10:15	10:30	350	N
7.	151064	151072	10:35	10:50	350	N
8.	151064	151068	11:00	11:15	350	N
9.	Assist Kevin @ Dyer		11:20	12:00		
10.	Assist James @ 8th & Gray		1:00	3:00		
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-6-2021

Operator: Hastings
 Laborer: _____
 Laborer: _____

Hours Worked 8
 Hours Worked _____
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 450

Feet of sewer line cleaned due to stop-ups: 0

Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

1.	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Checked 50%	5 th Street	07:15	07:30		
2.	Check PT @	Farmer's Mkt	07:30	07:45		
3.	107180	107002	09:00	09:30	350	ST / Street @ Clean out
4.	107175	107180	09:30	10:00	100	Grease
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

107175 - 107180 has lots of Grease - Can only go 100'
Need to U. Dec

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-11-2021 Operator: Hastings Hours Worked 8
 Laborer: Mullen Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: Cardinal

Vactor E351 / (Vactor E320) (circle)

Feet of sewer line cleaned regular maintenance: 2300
 Feet of sewer line cleaned due to stop-ups: 300
 Number of stop-ups: 1

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	<u>Jump Truck @</u>	<u>Walnut</u>	<u>0715</u>	<u>0730</u>		
2.	<u>1000 gallons @</u>	<u>Highland</u>	<u>0730</u>	<u>0940</u>		
3.	<u>107215</u>	<u>107217</u>	<u>0740</u>	<u>0850</u>	<u>150</u>	<u>N</u>
4.	<u>107210</u>	<u>107215</u>	<u>0800</u>	<u>0815</u>	<u>100</u>	<u>N</u>
5.	<u>123005</u>	<u>107210</u>	<u>0820</u>	<u>0830</u>	<u>200</u>	<u>N</u>
6.	<u>108060</u>	<u>108065</u>	<u>0845</u>	<u>855</u>	<u>150</u>	<u>N</u>
7.	<u>108070</u>	<u>108060</u>	<u>9:00</u>	<u>9:15</u>	<u>350</u>	<u>N</u>
8.	<u>1000 gallons @</u>	<u>Center CT</u>	<u>9:20</u>	<u>9:30</u>		
9.	<u>108083</u>	<u>108077</u>	10:10	<u>10:30</u>	300	<u>N</u>
10.	<u>108083</u>	<u>108073</u>	<u>10:30</u>	<u>10:35</u>	<u>150</u>	<u>N</u>
11.	<u>108087</u>	<u>108083</u>	<u>1040</u>	<u>11:00</u>	<u>300</u>	<u>N</u>
12.	<u>108091</u>	<u>108089</u>	<u>1100</u>	<u>11:10</u>	<u>200</u>	<u>N</u>
13.	<u>108075</u>	<u>108070</u>	<u>11:15</u>	<u>11:25</u>	<u>400</u>	<u>N</u>
14.	<u>1000 gallons @</u>	<u>Center CT</u>	<u>11:25</u>	<u>11:35</u>		
15.	<u>122390</u>	<u>122389</u>	<u>12:45</u>	<u>1:15</u>	<u>300</u>	<u>N</u>

SS

Comments (problem areas or customer info).
108060 Needs lid & Ring Resealed/Attached

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-11-2021

Operator: Hastings
 Laborer: M. L. G.
 Laborer: _____

Hours Worked 2
 Hours Worked 2
 Hours Worked _____

Location / Address: _____

Vactor E351 Vactor E320 (circle)

Feet of sewer line cleaned regular maintenance: 1550

Feet of sewer line cleaned due to stop-ups: 0

Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	108080	108090	1:25	1:35	300	N
2.	108080	108075	1:35	1:40	300	N
3.	108085	108080	1:40	1:45	100	N
4.	108093	108085	1:50	2:00	350	N
5.	108110	108093	2:05	2:20	500	N
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-12-2021 Operator: H. S. King Hours Worked 8
 Laborer: Mullen Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 3850
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Assist Sewer Plant @ Midway 1					
2.	186020	186070	08:40	08:50	200	N
3.	186020	186068	08:50	09:10	400	N
4.	Clean PT for ED		09:20	09:40		
5.	Dump truck @ Plant					
6.	107080	108110	10:35	10:45	200	N
7.	107080	107037	10:50	11:10	650	N
8.	138325	138320	12:45	1:00	300	N
9.	138530	138325	1:05	1:15	400	N
10.	138335	138330	1:20	1:30	650	N
11.	138340	138335	1:50	2:05	400	N
12.	138340	138345	2:05	2:15	650	N
13.	Replace lid @ W. Paul + Cross					
14.	2000 gallons @ C-701		12:45	2:00		
15.	2000 gallons @ S-40		8:30	10:00		

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10/15/21 Operator: Anthony Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: Shop

Vactor E351 / Vactor E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Cleaned Truck		7:00	12:00	—	—
2.	helped James crew		12:30	3:30	—	—
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10/18/21

Operator: Anthony Mullen Hours Worked 8
 Laborer: Hunter Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: Shop

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: 300
 Number of stop-ups: 1

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

MH #	MH #	Time	Time	Footage	* Device	
From	To	Started	Ended			
1.	<u>Cleaned Toilets</u>	<u>7:00</u>	<u>9:00</u>	_____	_____	
2.	<u>168130</u>	<u>168125</u>	<u>9:00</u>	<u>9:20</u>	<u>300</u>	<u>WH</u>
3.	<u>helped James</u>	<u>9:20</u>	<u>12:00</u>	_____	_____	
4.	<u>helped James</u>	<u>12:30</u>	<u>3:15</u>	_____	_____	
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10/19/20 Operator: Anthony Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: shop

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 200
 Number of stop-ups: 1

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	1500 Gal	Shop	7:00	7:30	—	—
2.	170145	170005	7:30	8:00	200	WH
3.	helped James	crew	8:00	12:00	—	—
4.	Checked MH		12:30	3:15	—	—
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-21-2001 Operator: Mullen Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Hauled dirt in dump truck					
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-27-2021 Operator: Healing Hours Worked 8
 Laborer: Miller Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

#	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Clean PT	 	0700	11:30		
2.	Assist James @ W. Paul		12:45	3:00		
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-25-2021 Operator: Hastings Hours Worked 8
 Laborer: Kellen Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: _____
 Feet of sewer line cleaned due to stop-ups: 150
 Number of stop-ups: 1

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	check PT'S for blow over		0700	0800		
2.	Assist James @		0830	10:30		
3.	check sewer @ Senior's Pros		NFF 1000	10:30		
SS 4.	171145	171142	10:45	12:30	150	N
5.	Assist James @ Western Hills		1245	6:15		
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-26-2001

Operator: Hustling S
 Laborer: Mullen
 Laborer: _____

Hours Worked 8 1/2
 Hours Worked 8 1/2
 Hours Worked _____

Location / Address: _____

Vector E351 / Vector E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 500
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Pump & Clean TRK		0700	0740		
2.	Parts to work on TRK		0800	0900		
3.	Assist James @ 6 th		0915	11:00		
4.	Assist Tyler @ P401		11:00	12:00		
5.	Weld Truck @ Plant		1:00	1:30		
6.	171135	155465	1:40	1:50	350	
7.	171140	171135	1:55	2:05	150	N NTP
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10/29/21 Operator: Anthony Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: Shop

Victor E351 / Victor E320 (circle)

Feet of sewer line cleaned regular maintenance: 1250
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	139002	CO/139002	7:00	7:20	300	Bullett
2.	139006	139002	7:20	7:30	150	Bullett
3.	139006	139007	7:30	8:00	300	Bullett
4.	139025	139006	8:00	8:20	150	Bullett
5.	138400	138395	8:20	8:40	350	Bullett
6.	138 1500 Gal	2nd st	8:40	9:00		
7.	help Jones		9:00			
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-28-2021

Operator: Hastings
 Laborer: Mullen
 Laborer: _____

Hours Worked 8
 Hours Worked _____
 Hours Worked _____

Location / Address: _____

Vactor E351 / Vactor E320 (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 0
 Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)
 * Device - (RS for Root Saw / N for Nozzle / Etc).

	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Check out Fall Sewer MH's		0700	0230		
2.	Meet w/ Bobby @ College for TT's		2:45	3:15		
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 10-29-2021

Operator: Hestings
 Laborer: Mullen
 Laborer: _____

Hours Worked 5
 Hours Worked 5
 Hours Worked _____

Location / Address: _____

Vector E351 / (Vector E320) (circle)

Feet of sewer line cleaned regular maintenance: 0

Feet of sewer line cleaned due to stop-ups: 0

Number of stop-ups: 0

Location of manholes cleaned (put "s" next to stopped up manholes)

* Device - (RS for Root Saw / N for Nozzle / Etc).

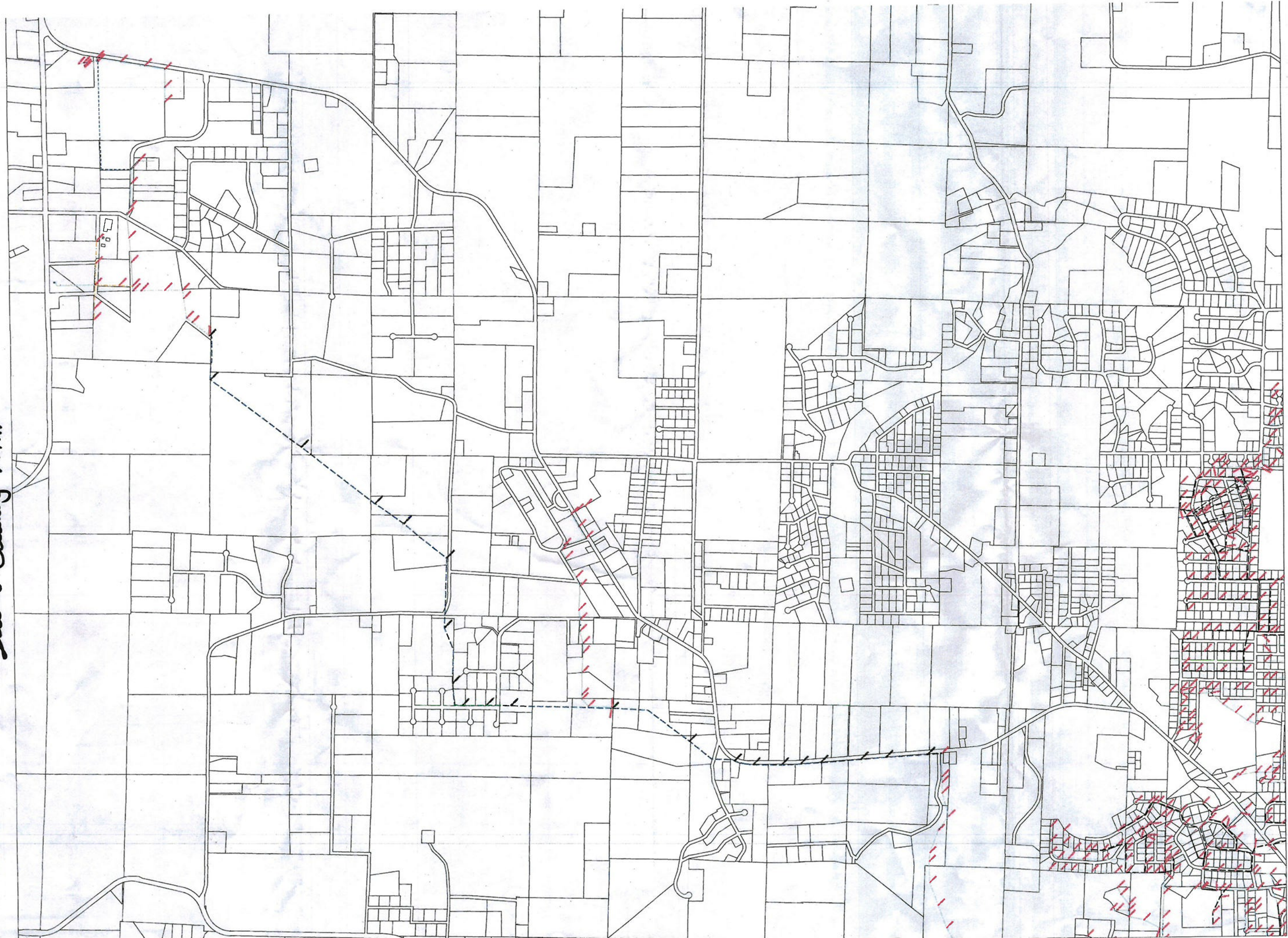
	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Moved & Filled PT'S		0700	11:00		
2.	Assist James		11:00	12:00		
3.	Assist Kevin		1:30	3:15		
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

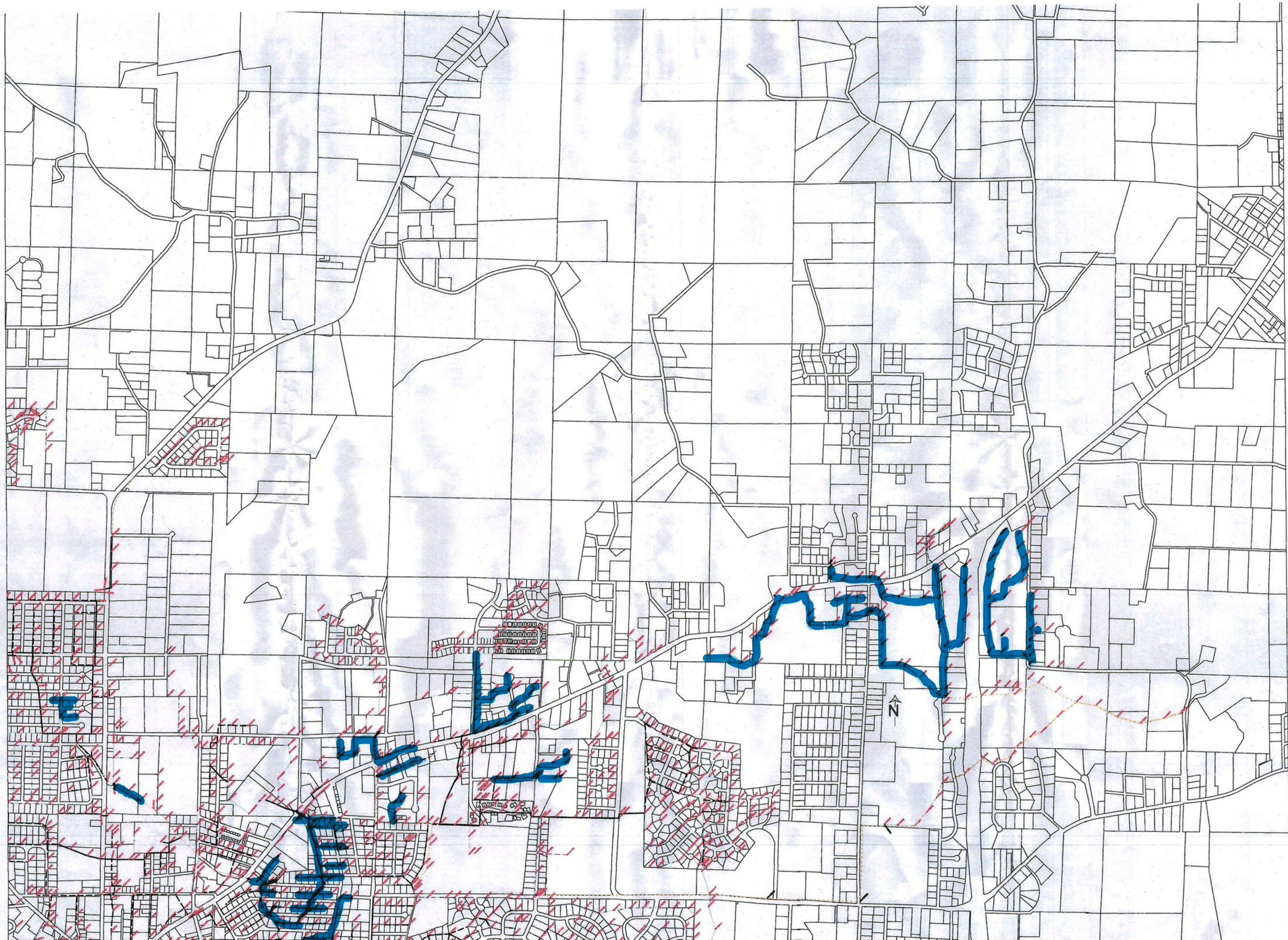
Comments (problem areas or customer info).

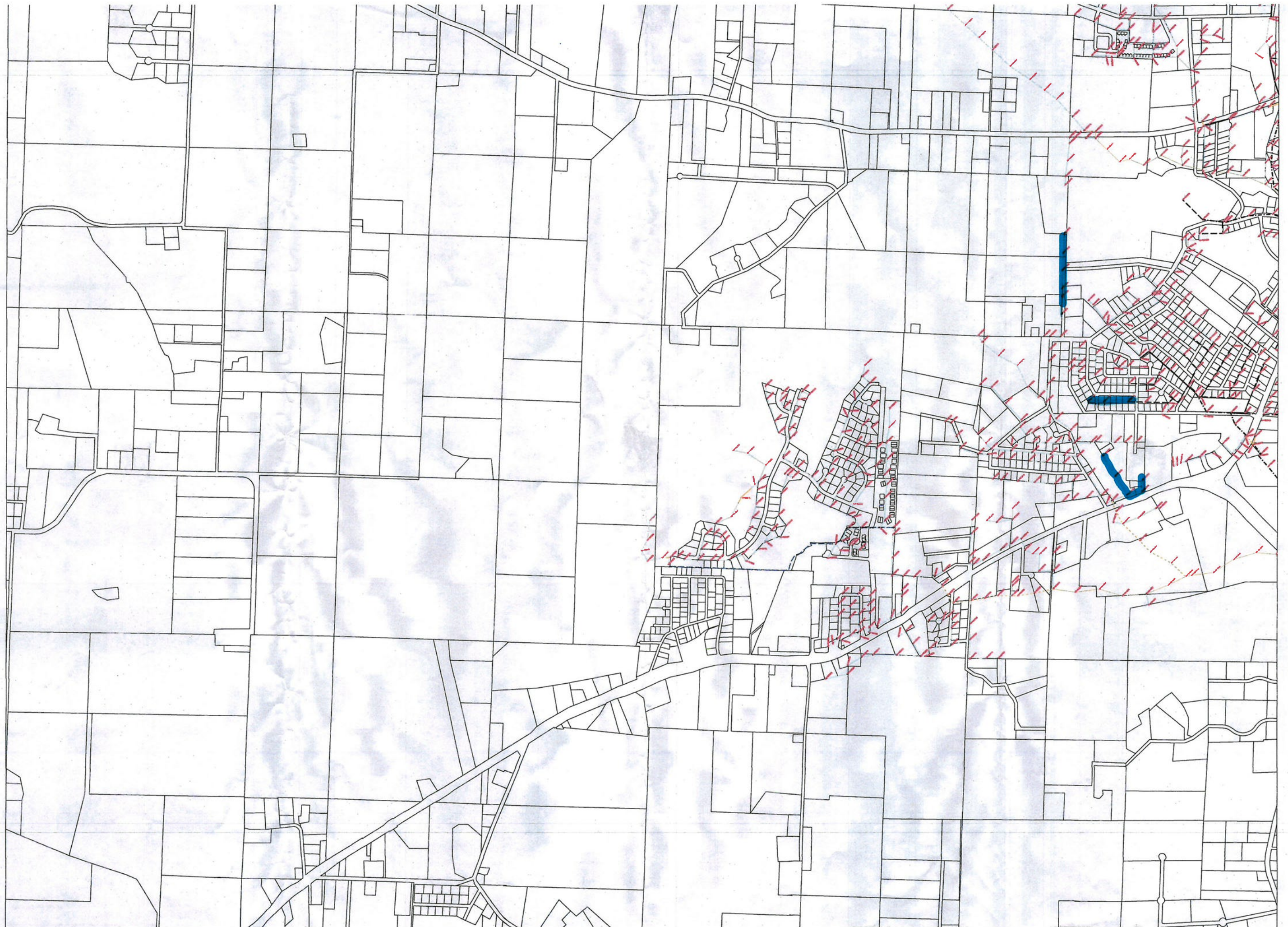
Turn this in to your foreman each morning.

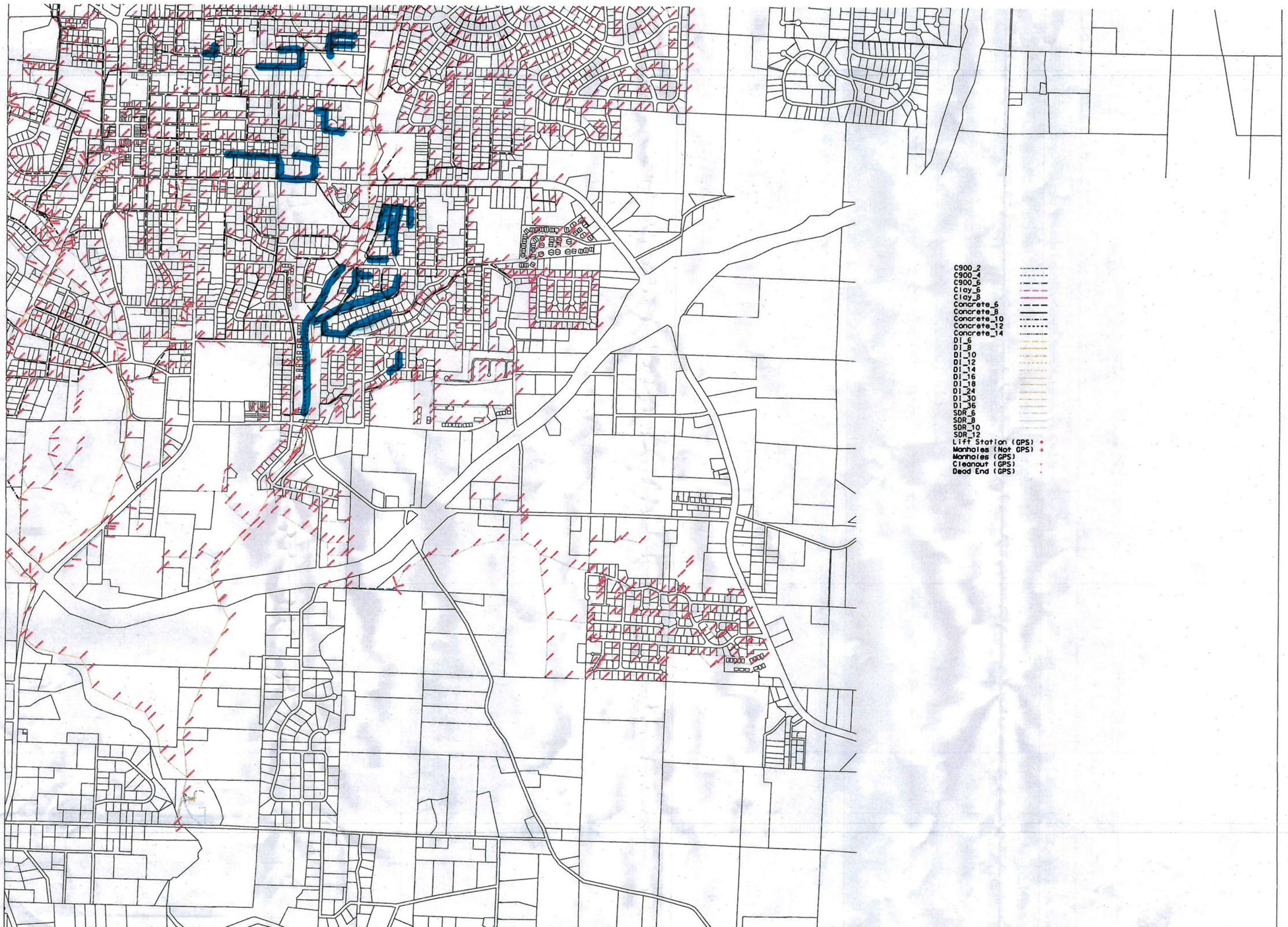
APPENDIX B
LINE CLEANING MAPS

Sewer Cleaning MHP









APPENDIX C
CCTV CAMERA EXAMINATION RECORDS

TV VAN E333 DAILY Date: 8-3-21 Time in: _____ Time out: _____			
Time:	MH From:	MH To:	Feet:
7:00-8:30	168130	168125	61
8:30-9:30	138115	138120	110
9:30-11:00	138115	CO 138110	317
11:00-12:00	138270	CO 138268	243
12:00-12:30	Lunch		
12:30-12:45	Break		
12:45-3:00	138270	138271	192
	Had to run line twice		

Break & Lunch

Comments/Observations		

TV VAN E333 DAILY Date: <i>8-17-21</i> Time in: _____ Time out: _____			
Time:	MH From:	MH To:	Feet:
<i>7:00-8:00</i>	<i>138064</i>	<i>138062</i>	<i>125</i>
<i>8:00-9:00</i>	<i>138062</i>	<i>138050</i>	<i>45</i>
<i>9:00-10:30</i>	<i>153185</i>	<i>153190</i>	<i>350</i>
<i>10:30-11:30</i>	<i>153190</i>	<i>153200</i>	<i>128</i>
<i>11:30-11:45</i>	<i>Break</i>		
<i>11:45-12:15</i>	<i>Lunch</i>		
<i>12:15-1:45</i>	<i>152025</i>	<i>153180</i>	<i>401</i>
<i>1:45-2:45</i>	<i>152025</i>	<i>152020</i>	<i>168</i>
<i>2:45-3:15</i>	<i>Print out & cleaned camera</i>		

Break & Lunch

Comments/Observations		

TV VAN E333 DAILY Date 8-20-21 Time in: Time out:

Time:	MH From:	MH To:	Feet:
7:00-7:30	Changed wheels on camera		
7:30-8:30	152050	152055	185
8:30-9:30	152050	152045	128
9:30-10:15	152050	152075	107
10:15-10:30	Break		
10:30-11:15	152035	152040	79
11:15-12:15	152035	152030	186
12:15-12:45	Lunch		
12:45-1:45	152090	152095	128
1:45-3:15	152090	152085	305

Break & Lunch

Comments/Observations		

1

TV VAN E333 DAILY Date: 9-9-21 Time in: Time out:

Time:	MH From:	MH To:	Feet:
7:00-8:30	Traced out service line at 440 Cooper St.		
8:30-10:15	154023	154020	393
10:15-10:30	Break		
10:30-11:00	Changed wheel's		
11:00-11:30	154024	154025	22
11:30-12:00	154025	154023	44
12:00-12:30	Lunch		
12:30-1:15	154024	154027	114
1:15-2:15	154027	154030	165
2:15-3:15	154030	154033	277

Break & Lunch

Comments/Observations		

APPENDIX D
SEWER REPAIR AND REPLACEMENT RECORDS

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Description	Miscellaneous Usage		Unit Cost	Unit Price	Total Cost	Total Price
	Estimated Usage	Actual Usage				
4" ROCK (NCAQ)	1.00	1.00	587.25	587.25	587.25	587.25
4" ROCK (NCAQ)	1.00	1.00	1,045.75	1,045.75	1,045.75	1,045.75
Total			1,633.00	1,633.00	1,633.00	1,633.00

Work Order : 172745
Start Date : 8/3/2021
Completion Date : 8/30/2021
Create Date : 8/3/2021
Total Price : 1,419.43

SEWER MAIN REPLACEMENT
Job Code : 5SMREPLACE
Printed : ✓
Locked by :
Account Number :
Book.Sequence :
Status : Closed
Total Cost : 1,419.43

Description	Miscellaneous Usage		Unit Cost	Unit Price	Total Cost	Total Price
	Estimated Usage	Actual Usage				
CULVERT PIPE (MH STREET)	1.00	1.00	375.00	375.00	375.00	375.00
FINES (WRM)	1.00	1.00	1,044.43	1,044.43	1,044.43	1,044.43
Total			1,419.43	1,419.43	1,419.43	1,419.43

Work Order : 172816
Start Date : 8/4/2021
Completion Date : 8/30/2021
Create Date : 8/4/2021
Total Price : 27,449.34

SEWER MAIN UPGRADE
Job Code : 5SMUPG
Printed : ✓
Locked by :
Account Number :
Book.Sequence :
Status : Closed
Total Cost : 30,723.64

Number	Name	Estimated Hours		Actual Labor		Normal		OT Cost	Total Cost	Total Price	
		Normal	Overtime	Normal	Overtime	Price	OT Price				
		Normal	Overtime	Normal	Overtime	Cost	Cost				
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
1460	GUNNER GILBERT	8.00	0.00	8.00	0.00	14.63	21.95	11.00	16.50	88.00	117.04
1460	GUNNER GILBERT	8.00	0.00	8.00	0.00	14.63	21.95	11.00	16.50	88.00	117.04
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
1460	GUNNER GILBERT	8.00	0.00	8.00	0.00	14.63	21.95	11.00	16.50	88.00	117.04
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
1460	GUNNER GILBERT	8.00	0.00	8.00	0.00	14.63	21.95	11.00	16.50	88.00	117.04
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM

User Name : alma

2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
1460	GUNNER GILBERT	8.00	0.00	8.00	0.00	14.63	21.95	11.00	16.50	88.00	117.04
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
1460	GUNNER GILBERT	8.00	0.00	8.00	0.00	14.63	21.95	11.00	16.50	88.00	117.04
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
1460	GUNNER GILBERT	8.00	0.00	8.00	0.00	14.63	21.95	11.00	16.50	88.00	117.04
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
Total		392.00	0.00	392.00	0.00	1,163.87	1,706.92	855.52	1,257.43	6,844.15	9,310.95

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

		Stock Usage				Usage				Equipment Usage					
Code	Description	Estimated	Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price	Estimated	Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00		5.72	4.98	0.00	0.00	0.00	0.00					
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00		5.72	4.98	0.00	0.00	0.00	0.00					
QUAD1	QUADEX FAST PLUG	0.00	0.00		34.92	22.92	0.00	0.00	0.00	0.00					
2264780000	GASKET 8" WATER SEAL (SEWER)	0.00	0.00		9.22	7.98	0.00	0.00	0.00	0.00					
6756882720	COUPLING 8" PVC X 8" PVC MISSION	0.00	0.00		60.08	56.15	0.00	0.00	0.00	0.00					
2708062686	WYE 8" SDR26 X 6" SDR26	0.00	0.00	1.00	104.76	104.76	104.76	104.76	0.00	0.00				104.76	104.76
6756882720	COUPLING 8" PVC X 8" PVC MISSION	0.00	0.00	2.00	56.84	56.15	113.68	113.68	0.00	0.00				113.68	113.68
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00	28.00	5.72	4.98	160.16	160.16	0.00	0.00				160.16	139.44
2261760060	BEND 22 1/2" DEGREE 6" SDR26	0.00	0.00	2.00	18.49	19.53	36.98	36.98	0.00	0.00				36.98	39.06
6756662720	COUPLING 6" PVC X 6" PVC MISSION	0.00	0.00	1.00	41.70	36.72	41.70	41.70	0.00	0.00				41.70	36.72
2235150010	PIPE 10" PVC SDR26 GJ SEWER	0.00	0.00	112.00	14.78	9.78	1,655.36	1,655.36	0.00	0.00				1,655.36	1,095.36
2235150010	PIPE 10" PVC SDR26 GJ SEWER	0.00	0.00	28.00	14.78	9.78	413.84	413.84	0.00	0.00				413.84	273.84
2235150010	PIPE 10" PVC SDR26 GJ SEWER	0.00	0.00	14.00	14.78	9.78	206.92	206.92	0.00	0.00				206.92	136.92
QUAD1	QUADEX FAST PLUG	0.00	0.00	1.00	34.92	22.92	34.92	34.92	0.00	0.00				34.92	22.92
2235150010	PIPE 10" PVC SDR26 GJ SEWER	0.00	0.00	28.00	14.78	9.78	413.84	413.84	0.00	0.00				413.84	273.84
QUAD1	QUADEX FAST PLUG	0.00	0.00	1.00	34.92	22.92	34.92	34.92	0.00	0.00				34.92	22.92
5820000010	GASKET 10" WATER SEAL (SEWER)	0.00	0.00	1.00	9.62	9.62	9.62	9.62	0.00	0.00				9.62	9.62
6756101027	COUPLING 10" PVC X 10" PVC MISSION	0.00	0.00	1.00	70.84	70.84	70.84	70.84	0.00	0.00				70.84	70.84
2235150010	PIPE 10" PVC SDR26 GJ SEWER	0.00	0.00	42.00	14.78	9.78	620.76	620.76	0.00	0.00				620.76	410.76
5820000010	GASKET 10" WATER SEAL (SEWER)	0.00	0.00	1.00	9.62	9.62	9.62	9.62	0.00	0.00				9.62	9.62
Total					576.96	503.97	3,927.92	2,758.92						3,927.92	2,758.92

Code	Description	Estimated Usage	Required Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
V387	2020 DODGE RAM 5500	8.00		8.00	26.85	26.85	214.80	214.80
V308	2020 FORD F250	8.00		8.00	12.30	12.30	98.40	98.40
E355	2019 CAT BACKHOE	2.00		2.00	29.50	29.50	59.00	59.00
V308	2020 FORD F250	8.00		8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00		8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	5.00		5.00	29.50	29.50	147.50	147.50
E360	2011 SKIDSTEER - BOBCAT	2.00		2.00	37.00	37.00	74.00	74.00
V308	2020 FORD F250	8.00		8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00		8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	2.00		2.00	29.50	29.50	59.00	59.00
E360	2011 SKIDSTEER - BOBCAT	2.00		2.00	37.00	37.00	74.00	74.00

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM

User Name : alma

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	1.00	1.00	29.50	29.50	29.50	29.50
E360	2011 SKIDSTEER - BOBCAT	2.00	2.00	37.00	37.00	74.00	74.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	3.00	3.00	29.50	29.50	88.50	88.50
E360	2011 SKIDSTEER - BOBCAT	3.00	3.00	37.00	37.00	111.00	111.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	2.00	2.00	29.50	29.50	59.00	59.00
E360	2011 SKIDSTEER - BOBCAT	2.00	2.00	37.00	37.00	74.00	74.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E325	9030B TRACK HOE EXCAVATOR-1998	2.00	2.00	153.00	153.00	306.00	306.00
E355	2019 CAT BACKHOE	5.00	5.00	29.50	29.50	147.50	147.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	5.00	5.00	29.50	29.50	147.50	147.50
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	4.00	4.00	29.50	29.50	118.00	118.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	1.00	1.00	29.50	29.50	29.50	29.50
E360	2011 SKIDSTEER - BOBCAT	1.00	1.00	37.00	37.00	37.00	37.00
Total				1,061.50	1,061.50	4,767.00	4,767.00

Miscellaneous Usage

Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
FINES (WRM)	1.00	1.00	1,040.06	1,040.06	1,040.06	1,040.06
GRASS SEED (GREGGS MH)	1.00	1.00	307.43	307.43	307.43	307.43
Total			1,347.49	1,347.49	1,347.49	1,347.49

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM

User Name : alma

Work Order : 173164	R/M SEWER MAIN	Account Number :
Start Date : 8/17/2021	BOMBER BLVD	Book.Sequence :
Completion Date : 8/24/2021	MOUNTAIN HOME AR 72653	Status : Closed
Create Date : 8/17/2021	Assigned To :	
Total Price : 589.90		Total Cost : 570.95

Number	Name	Estimated Hours		Actual Labor		Normal Price		Normal Cost		Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost	
2418	KEVIN TUBERVILLE	5.00	0.00	5.00	0.00	32.72	43.52	21.81	29.01	163.60
2443	CHRIS WOODS	5.00	0.00	5.00	0.00	21.32	31.99	16.03	24.05	106.60
1460	GUNNER GILBERT	5.00	0.00	5.00	0.00	14.63	21.95	11.00	16.50	73.15
Total		15.00	0.00	15.00	0.00	68.67	97.46	48.84	69.56	343.35

Usage

Code	Description	Estimated		Required		Actual Usage		Unit Price		Total Price
		Estimated	Required	Estimated	Required	Unit Cost	Unit Price	Total Cost	Total Price	
6706101027	COUPLING 10" CON X 10" PVC MISSION	0.00	0.00	0.00	0.00	1.00	1.00	129.28	83.16	129.28
6756101027	COUPLING 10" PVC X 10" PVC MISSION	0.00	0.00	0.00	0.00	1.00	1.00	104.92	70.84	104.92
Total						234.20	234.20	154.00	154.00	234.20

Equipment Usage

Code	Description	Estimated Usage		Actual Usage		Unit Price		Total Price
		Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price	
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	20.80	20.80	20.80	20.80	20.80
V386	2020 DODGE RAM 3500	1.00	1.00	22.85	22.85	22.85	22.85	22.85
V319	2015 FORD DUMP TRUCK	1.00	1.00	48.90	48.90	48.90	48.90	48.90
E365	2019 CAT BACKHOE	3.00	3.00	0.00	0.00	0.00	0.00	0.00
Total				92.55	92.55	92.55	92.55	92.55

Work Order : 173282	R/M MANHOLE	Account Number :
Start Date : 8/24/2021	DILLARD DR	Book.Sequence :
Completion Date : 8/24/2021	MOUNAIN HOME AR 72653	Status : Closed
Create Date : 8/24/2021	Assigned To :	
Total Price : 53.52		Total Cost : 42.61

Number	Name	Estimated Hours		Actual Labor		Normal Price		Normal Cost		Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost	
2418	KEVIN TUBERVILLE	1.00	0.00	1.00	0.00	32.72	43.52	21.81	29.01	32.72
Total		1.00	0.00	1.00	0.00	32.72	43.52	21.81	29.01	32.72

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

		Equipment Usage					
Code	Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	20.80	20.80	20.80	20.80
Total				20.80	20.80	20.80	20.80

Work Order : 173310
Start Date : 8/24/2021
Completion Date : 8/30/2021
Create Date : 8/24/2021
Total Price : 2,259.74

SEWER MAIN UPGRADE
Job Code : 5SMUPG
Printed : ✓
Locked by :
Account Number :
Book.Sequence :
Status : Closed
Total Cost : 1,835.10

		Labor Usage								
Number	Name	Estimated Hours		Actual Labor		Normal		OT Cost		Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost	
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	207.52
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	170.56
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	261.76
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	207.52
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	178.00
Total		64.00	0.00	64.00	0.00	202.66	298.43	149.58	220.68	1,621.28

		Equipment Usage					
Code	Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
Total				78.30	78.30	626.40	626.40

		Miscellaneous Usage					
Description	GREEN CORD (ORSCHLHN)	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
		1.00	1.00	12.06	12.06	12.06	12.06
Total				12.06	12.06	12.06	12.06

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date :	11/9/2021 1:49:11 PM		
User Name :	alma		
Work Order :	173391	CHARLES SHEPPARD	R/M SEWER MAIN
Start Date :	8/27/2021	916 OAK MEADOW	Job Code : 5RMSM
Completion Date :	10/26/2021	MOUNTAIN HOME AR 72653	Printed : ✓
Create Date :	8/27/2021	Assigned To :	Status : Closed
Total Price :	750.31		Total Cost : 618.96

Number	Name	Estimated Hours		Actual Labor		Normal		OT Price		Normal		Total Cost	OT Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	Cost					
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76			
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56			
WHIPPLE	HUNTER WHIPPLE	8.00	0.00	8.00	0.00	16.50	16.50	11.00	11.00	88.00	132.00			
Total		24.00	0.00	24.00	0.00	70.54	92.01	48.84	64.06	390.72	564.32			

Stock Usage

Code	Description	Usage		Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
		Estimated	Required						
6706882720	COUPLING 8" CON X 8" PVC MISSION	0.00	0.00	0.00	2.00	92.30	71.17	184.60	142.34
Total						92.30	71.17	184.60	142.34

Equipment Usage

Code	Description	Estimated Usage		Actual Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage	Estimated Usage	Actual Usage				
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	1.00	1.00	20.80	20.80	20.80	20.80
V386	2020 DODGE RAM 3500	1.00	1.00	1.00	1.00	22.85	22.85	22.85	22.85
E365	2019 CAT BACKHOE	4.00	4.00	4.00	4.00	0.00	0.00	0.00	0.00
Total						43.65	43.65	43.65	43.65

Work Order :	173392	JUDAH HOLDINGS LLC	R/M SEWER MAIN
Start Date :	8/27/2021	940 E 9TH ST	Job Code : 5RMSM
Completion Date :	10/20/2021	MOUNTAIN HOME AR 72653	Printed : ✓
Create Date :	8/27/2021	Assigned To :	Status : Closed
Total Price :	1,974.54		Total Cost : 1,794.40

Labor Usage

Number	Name	Estimated Hours		Actual Labor		Normal		OT Price		Normal		Total Cost	OT Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	Cost					
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76			
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56			
WHIPPLE	HUNTER WHIPPLE	8.00	0.00	8.00	0.00	16.50	16.50	11.00	11.00	88.00	132.00			
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76			
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56			

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report Detail

Date : 11/9/2021 1:49:11 PM

User Name : alma

WHIPPLE	HUNTER	WHIPPLE	8.00	0.00	8.00	0.00	16.50	16.50	11.00	11.00	88.00	132.00
Usage												
			48.00	0.00	48.00	0.00	141.08	184.02	97.68	128.12	781.44	1,128.64
Stock Usage												
			0.00	0.00	0.00	0.00	5.00	5.72	4.98	28.60	24.90	379.30
Total							188.53	462.88				

Code	Description	Estimated	Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
6706882720	COUPLING 8" CON X 8" PVC MISSION	0.00	0.00	2.00	85.43	71.17	170.86	142.34
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00	14.00	5.72	4.98	80.08	69.72
6706882720	COUPLING 8" CON X 8" PVC MISSION	0.00	0.00	2.00	91.67	71.17	183.34	142.34
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00	5.00	5.72	4.98	28.60	24.90
Total					188.53	152.30	462.88	379.30

Code	Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	20.80	20.80	20.80	20.80
V386	2020 DODGE RAM 3500	1.00	1.00	22.85	22.85	22.85	22.85
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	20.80	20.80	20.80	20.80
E365	2019 CAT BACKHOE	4.00	4.00	0.00	0.00	0.00	0.00
V386	2020 DODGE RAM 3500	1.00	1.00	22.85	22.85	22.85	22.85
E365	2019 CAT BACKHOE	4.00	4.00	0.00	0.00	0.00	0.00
Total				87.30	87.30	87.30	87.30

Work Order : 173461
Start Date : 9/1/2021
Completion Date : 9/30/2021
Create Date : 9/1/2021
Total Price : 5,537.39

SEWER MAIN REPLACEMENT
Job Code : 5SMREPLACE
Printed : ✓
Locked by :
Account Number :
Book.Sequence :
Status : Closed
Total Cost : 4,976.49

Number	Name	Estimated Hours		Actual Labor		Normal		OT		Total Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost		
2438	TYLER MITCHELL	7.00	0.00	7.00	0.00	26.12	39.18	19.64	29.46	137.48	182.84
2416	JASON RYCHTARIK	7.00	0.00	7.00	0.00	25.94	38.90	19.50	29.25	136.50	181.58
1438	CADE SEAL	5.50	0.00	5.50	0.00	22.25	33.38	16.73	25.10	92.02	122.38
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM

User Name : alma

2418	KEVIN TUBERVILLE	8.00	0.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
2438	TYLER MITCHELL	8.00	0.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2448	JERRY BUCK	8.00	0.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84
1438	CADE SEAL	8.00	0.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
Total		99.50	0.00	0.00	99.50	0.00	316.93	469.81	235.49	349.55	1,802.95	2,427.75

Stock Usage

Code	Description	Usage		Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
		Estimated	Required						
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00	0.00	14.00	5.72	4.98	80.08	69.72
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00	0.00	14.00	5.72	4.98	80.08	69.72
QUAD1	QUADEX FAST PLUG	0.00	0.00	0.00	1.00	34.92	22.92	34.92	22.92
2264780000	GASKET 8" WATER SEAL (SEWER)	0.00	0.00	0.00	1.00	9.22	7.98	9.22	7.98
6756882720	COUPLING 8" PVC X 8" PVC MISSION	0.00	0.00	0.00	1.00	65.47	56.15	65.47	56.15
Total						121.05	97.01	269.77	226.49

Equipment Usage

Code	Description	Equipment Usage		Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage						
V308	2020 FORD F250	8.00	8.00	12.30	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	8.00	26.85	26.85	214.80	214.80
E325	9030B TRACK HOE EXCAVATOR-1998	2.00	2.00	153.00	2.00	153.00	153.00	306.00	306.00
E355	2019 CAT BACKHOE	5.00	5.00	29.50	5.00	29.50	29.50	147.50	147.50
V308	2020 FORD F250	8.00	8.00	12.30	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	5.00	5.00	29.50	5.00	29.50	29.50	147.50	147.50
V308	2020 FORD F250	7.00	7.00	12.30	7.00	12.30	12.30	86.10	86.10
V387	2020 DODGE RAM 5500	7.00	7.00	26.85	7.00	26.85	26.85	187.95	187.95
Total				329.45		329.45	329.45	1,501.45	1,501.45

Miscellaneous Usage

Description	Miscellaneous Usage		Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
	Estimated Usage	Actual Usage						
4" ROCK (NCAQ)	1.00	1.00	200.69	1.00	200.69	200.69	200.69	200.69
4" ROCK (NCAQ)	1.00	1.00	419.09	1.00	419.09	419.09	419.09	419.09
CULVERT PIPE (MH STREET DEPT)	1.00	1.00	375.00	1.00	375.00	375.00	375.00	375.00
HOTMIX (NCAQ)	1.00	1.00	247.48	1.00	247.48	247.48	247.48	247.48
Total			1,242.26		1,242.26	1,242.26	1,242.26	1,242.26

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Work Order : 173515	SEWER MAIN UPGRADE	Account Number :	
Start Date : 9/2/2021	Job Code : 5SMUPG	Book.Sequence :	
Completion Date : 9/30/2021	Printed : ✓	Status :	Closed
Create Date : 9/2/2021	Assigned To :		
Total Price : 89.27		Total Cost :	89.27

Miscellaneous Usage			
Description	Estimated Usage	Actual Usage	Unit Price
SOD (CARL WAYNE)	1.00	1.00	89.27
Total			89.27

Work Order : 173527	SEWER MAIN UPGRADE	Account Number :	
Start Date : 9/3/2021	Job Code : 5SMUPG	Book.Sequence :	
Completion Date : 9/30/2021	Printed : ✓	Status :	Closed
Create Date : 9/3/2021	Assigned To :		
Total Price : 44,693.08		Total Cost :	42,078.23

Number	Name	Estimated Hours				Labor Usage				Normal Cost	OT Cost	Total Cost	Total Price
		Normal		Overtime		Actual Labor		Normal					
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost				
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96		
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52		
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84		
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00		
1455	WES BRITT	8.00	0.00	8.00	0.00	23.16	30.08	17.41	26.12	139.28	185.28		
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56		
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76		
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52		
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96		
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84		
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00		
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96		
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52		
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84		
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00		
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96		
2416	JASON RYCHTARIK	8.00	0.00	8.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52		
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84		
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00		
1455	WES BRITT	8.00	0.00	8.00	0.00	23.16	30.08	17.41	26.12	139.28	185.28		
2438	TYLER MITCHELL	8.00	0.00	8.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96		
2416	JASON RYCHTARIK	6.00	0.00	6.00	0.00	25.94	38.90	19.50	29.25	117.00	155.64		
2448	JERRY BUCK	8.00	0.00	8.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84		
1438	CADE SEAL	8.00	0.00	8.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00		

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM

User Name : alma

1455	WES BRITT	8.00	0.00	0.00	0.00	23.16	30.08	17.41	26.12	139.28	185.28
2443	CHRIS WOODS	8.00	0.00	0.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
2438	TYLER MITCHELL	8.00	0.00	0.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	0.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2438	TYLER MITCHELL	8.00	0.00	0.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	0.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2448	JERRY BUCK	8.00	0.00	0.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84
1438	CADE SEAL	8.00	0.00	0.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
1455	WES BRITT	8.00	0.00	0.00	0.00	23.16	30.08	17.41	26.12	139.28	185.28
WHIPPLE	HUNTER WHIPPLE	8.00	0.00	0.00	0.00	16.50	16.50	11.00	11.00	88.00	132.00
2438	TYLER MITCHELL	8.00	0.00	0.00	0.00	26.12	39.18	19.64	29.46	157.12	208.96
2416	JASON RYCHTARIK	8.00	0.00	0.00	0.00	25.94	38.90	19.50	29.25	156.00	207.52
2448	JERRY BUCK	8.00	0.00	0.00	0.00	19.98	29.96	15.02	22.53	120.16	159.84
1438	CADE SEAL	8.00	0.00	0.00	0.00	22.25	33.38	16.73	25.10	133.84	178.00
1455	WES BRITT	8.00	0.00	0.00	0.00	23.16	30.08	17.41	26.12	139.28	185.28
2443	CHRIS WOODS	8.00	0.00	0.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
Total		582.00	0.00	0.00	0.00	1,714.20	2,516.43	1,283.17	1,910.18	10,226.36	13,661.72

Stock Usage

		Usage			Stock Usage				
Code	Description	Estimated	Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price	
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00	336.00	5.72	4.98	1,921.92	1,673.28	
QUAD1	QUAD EX FAST PLUG	0.00	0.00	1.00	34.92	22.92	34.92	22.92	
6756882720	COUPLING 8" PVC X 8" PVC MISSION	0.00	0.00	1.00	60.08	56.15	60.08	56.15	
6706882720	COUPLING 8" CON X 8" PVC MISSION	0.00	0.00	1.00	79.19	71.17	79.19	71.17	
6600002025	RISER 6" MANHOLE 250-24A IRON	0.00	0.00	1.00	85.56	154.28	85.56	154.28	
6600002024	RISER 4" MANHOLE 250-24A IRON	0.00	0.00	1.00	66.70	101.84	66.70	101.84	
6600002023	RISER 3" MANHOLE 250-24A IRON	0.00	0.00	1.00	52.15	77.17	52.15	77.17	
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	0.00	336.00	5.72	4.98	1,921.92	1,673.28	
2235150004	PIPE 4" SCH40	0.00	0.00	20.00	2.60	1.74	52.00	34.80	
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	0.00	0.00	1.00	56.47	49.52	56.47	49.52	
6704442720	COUPLING 4" PVC X 4" CON MISSION	0.00	0.00	1.00	32.40	30.78	32.40	30.78	
INSERT51	INSERT STIFFENERS 3/4" X 1 1/2" STAINLES	0.00	0.00	2.00	0.99	1.46	1.98	2.92	
4745010530	CLAMP FULL CIRCLE REDI 3/4" X 3" OD .88	0.00	0.00	1.00	21.20	20.85	21.20	20.85	
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	0.00	0.00	1.00	56.47	49.52	56.47	49.52	
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	0.00	1.00	5.87	6.86	5.87	6.86	
2410324040	BEND 22 1/2 DEGREE 4" SCH40	0.00	0.00	1.00	7.79	6.26	7.79	6.26	
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	0.00	1.00	17.13	27.00	17.13	27.00	

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM		User Name : alma		101.84		66.70		101.84		66.70		101.84	
Code	Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Unit Cost	Unit Price	Total Cost	Total Price	Total Cost	Total Price	Total Cost	Total Price
6600002024	RISER 4" MANHOLE 250-24A IRON	0.00	1.00	66.70	101.84	66.70	101.84	66.70	101.84	66.70	101.84	66.70	101.84
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	0.00	1.00	56.47	49.52	56.47	49.52	56.47	49.52	56.47	49.52	56.47	49.52
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	1.00	5.87	6.86	5.87	6.86	5.87	6.86	5.87	6.86	5.87	6.86
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	1.00	17.13	27.00	17.13	27.00	17.13	27.00	17.13	27.00	17.13	27.00
Total				737.15	872.70	737.15	872.70	4,619.92	4,243.82	4,619.92	4,243.82	4,619.92	4,243.82

Code	Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Unit Cost	Unit Price	Total Cost	Total Price
E360	2011 SKIDSTEER - BOBCAT	1.00	1.00	37.00	37.00	37.00	37.00	37.00	37.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	4.00	4.00	29.50	29.50	29.50	29.50	118.00	118.00
E360	2011 SKIDSTEER - BOBCAT	2.00	2.00	37.00	37.00	37.00	37.00	74.00	74.00
E348	2013 BACKHOE CASE	1.00	1.00	29.50	29.50	29.50	29.50	29.50	29.50
E355	2019 CAT BACKHOE	2.00	2.00	29.50	29.50	29.50	29.50	59.00	59.00
E388	2021 - MINI EXCAVATOR	3.00	3.00	34.20	34.20	34.20	34.20	102.60	102.60
E355	2019 CAT BACKHOE	3.00	3.00	29.50	29.50	29.50	29.50	88.50	88.50
E360	2011 SKIDSTEER - BOBCAT	4.00	4.00	37.00	37.00	37.00	37.00	148.00	148.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	26.85	26.85	214.80	214.80
E360	2011 SKIDSTEER - BOBCAT	2.00	2.00	37.00	37.00	37.00	37.00	74.00	74.00
E348	2013 BACKHOE CASE	3.00	3.00	29.50	29.50	29.50	29.50	88.50	88.50
E388	2021 - MINI EXCAVATOR	6.00	6.00	34.20	34.20	34.20	34.20	205.20	205.20
V308	2020 FORD F250	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	26.85	26.85	214.80	214.80
E360	2011 SKIDSTEER - BOBCAT	1.00	1.00	37.00	37.00	37.00	37.00	37.00	37.00
E388	2021 - MINI EXCAVATOR	2.00	2.00	34.20	34.20	34.20	34.20	68.40	68.40
V308	2020 FORD F250	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	26.85	26.85	214.80	214.80
E360	2011 SKIDSTEER - BOBCAT	1.00	1.00	37.00	37.00	37.00	37.00	37.00	37.00
E388	2021 - MINI EXCAVATOR	3.00	3.00	34.20	34.20	34.20	34.20	102.60	102.60
V308	2020 FORD F250	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	26.85	26.85	214.80	214.80
E360	2011 SKIDSTEER - BOBCAT	5.00	5.00	37.00	37.00	37.00	37.00	185.00	185.00
E388	2021 - MINI EXCAVATOR	5.00	5.00	34.20	34.20	34.20	34.20	171.00	171.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	26.85	26.85	214.80	214.80
E360	2011 SKIDSTEER - BOBCAT	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	26.85	26.85	214.80	214.80
E360	2011 SKIDSTEER - BOBCAT	5.00	5.00	37.00	37.00	37.00	37.00	185.00	185.00
E388	2021 - MINI EXCAVATOR	5.00	5.00	34.20	34.20	34.20	34.20	171.00	171.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	26.85	26.85	214.80	214.80
V308	2020 FORD F250	8.00	8.00	12.30	12.30	12.30	12.30	98.40	98.40

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	1.00	1.00	29.50	29.50	29.50	29.50
E360	2011 SKIDSTEER - BOBCAT	2.00	2.00	37.00	37.00	74.00	74.00
E388	2021 - MINI EXCAVATOR	2.00	2.00	34.20	34.20	68.40	68.40
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	4.00	4.00	29.50	29.50	118.00	118.00
E360	2011 SKIDSTEER - BOBCAT	3.00	3.00	37.00	37.00	111.00	111.00
E388	2021 - MINI EXCAVATOR	2.00	2.00	34.20	34.20	68.40	68.40
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	4.00	4.00	29.50	29.50	118.00	118.00
E360	2011 SKIDSTEER - BOBCAT	5.00	5.00	37.00	37.00	185.00	185.00
E388	2021 - MINI EXCAVATOR	3.00	3.00	34.20	34.20	102.60	102.60
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	5.00	5.00	29.50	29.50	147.50	147.50
E348	2013 BACKHOE CASE	1.00	1.00	29.50	29.50	29.50	29.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	3.00	3.00	29.50	29.50	88.50	88.50
E360	2011 SKIDSTEER - BOBCAT	3.00	3.00	37.00	37.00	111.00	111.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V336	2007 CHEVY C6500 DUMP TRUCK	8.00	8.00	48.90	48.90	391.20	391.20
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
V338	2016 FTL DUMP TRUCK	8.00	8.00	48.90	48.90	391.20	391.20
E355	2019 CAT BACKHOE	3.00	3.00	29.50	29.50	88.50	88.50

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
E360	2011 SKIDSTEER - BOBCAT	2.00	2.00	37.00	37.00	74.00	74.00
E348	2013 BACKHOE CASE	2.00	2.00	29.50	29.50	59.00	59.00
E388	2021 - MINI EXCAVATOR	3.00	3.00	34.20	34.20	102.60	102.60
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
Total				1,898.65	1,898.65	9,307.60	9,307.60

Description	Miscellaneous Usage		Unit Cost	Unit Price	Total Cost	Total Price
	Estimated Usage	Actual Usage				
1" CLEAN BASE (NCAQ)	1.00	1.00	399.59	399.59	399.59	399.59
3/4" & 4" ROCK (NCAQ)	1.00	1.00	1,484.06	1,484.06	1,484.06	1,484.06
3/4" & 4" ROCK (NCAQ)	1.00	1.00	1,648.61	1,648.61	1,648.61	1,648.61
3/4" BASE (NCAQ)	1.00	1.00	774.47	774.47	774.47	774.47
3/4" BASE (NCAQ)	1.00	1.00	537.36	537.36	537.36	537.36
4" & 3/4" ROCK (NCAQ)	1.00	1.00	1,530.28	1,530.28	1,530.28	1,530.28
4" & 3/4" ROCK (NCAQ)	1.00	1.00	2,002.89	2,002.89	2,002.89	2,002.89
4" CLEAN ROCK (NCAQ)	1.00	1.00	678.20	678.20	678.20	678.20
CONCRETE (MHC)	1.00	1.00	103.03	103.03	103.03	103.03
GRASS SEED (GREGGS MH)	1.00	1.00	94.49	94.49	94.49	94.49
HOTMIX (NCAQ)	1.00	1.00	208.05	208.05	208.05	208.05
MANHOLES (PETERSON CONCRETE)	1.00	1.00	4,103.83	4,103.83	4,103.83	4,103.83
Total			13,564.86	13,564.86	13,564.86	13,564.86

Work Order : 173741	RIM SEWER SERVICE LINE :	Account Number :
Start Date : 9/10/2021	Job Code : 5RMSL	Book.Sequence :
Completion Date : 9/14/2021	Printed : ✓	Status : Closed
Create Date : 9/10/2021	Locked by :	
Total Price : 205.83	Total Cost : 204.85	

Number	Name	Estimated Hours		Actual Labor		Normal Price	OT Price	Normal Cost	OT Cost	Total Cost	Total Price
		Normal	Overtime	Normal	Overtime						
2418	KEVIN TUBERVILLE	1.00	0.00	1.00	0.00	32.72	43.52	21.81	29.01	21.81	32.72
WHIPPLE	HUNTER WHIPPLE	1.00	0.00	1.00	0.00	16.50	16.50	11.00	11.00	11.00	16.50
Total		2.00	0.00	2.00	0.00	49.22	60.02	32.81	40.01	32.81	49.22

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Code	Description	Usage		Stock Usage		Unit Price	Total Cost	Total Price
		Estimated	Required	Actual Usage	Unit Cost			
6704442724	COUPLING 4" PVC X 4" CL MISSION	0.00	0.00	4.00	33.40	30.83	133.60	123.32
2235150004	PIPE 4" SCH40	0.00	0.00	6.00	2.60	1.74	15.60	10.44
Total				36.00	36.00	32.57	149.20	133.76

Code	Description	Equipment Usage		Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage			
V386	2020 DODGE RAM 3500	1.00	1.00	22.85	22.85	22.85
Total				22.85	22.85	22.85

Work Order : 173758
Start Date : 9/13/2021
Completion Date : 9/14/2021
Create Date : 9/13/2021
Total Price : 892.75

LOWER SEWER SERVICE LINE
Job Code : 5LSL
Printed :
Locked by :
Account Number :
Book.Sequence :
Status : Closed

Number	Name	Estimated Hours		Actual Labor		Normal		OT Cost	Total Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price			
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	261.76
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	170.56
WHIPPLE	HUNTER WHIPPLE	8.00	0.00	8.00	0.00	16.50	16.50	11.00	11.00	132.00
Total		24.00	0.00	24.00	0.00	70.54	92.01	48.84	64.06	564.32

Code	Description	Usage		Stock Usage		Unit Price	Total Cost	Total Price
		Estimated	Required	Actual Usage	Unit Cost			
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	0.00	5.00	5.87	6.86	29.35	34.30
2235150004	PIPE 4" SCH40	0.00	0.00	80.00	2.60	1.74	208.00	139.20
QUAD1	QUADEX FAST PLUG	0.00	0.00	1.00	34.92	22.92	34.92	22.92
2410324040	BEND 22 1/2 DEGREE 4" SCH40	0.00	0.00	1.00	8.57	6.26	8.57	6.26
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	0.00	2.00	17.13	27.00	34.26	54.00
Total				69.09	69.09	64.78	315.10	256.68

Code	Description	Equipment Usage		Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage			
V386	2020 DODGE RAM 3500	1.00	1.00	22.85	22.85	22.85
V307	FORD DUMP TRUCK 2015	1.00	1.00	48.90	48.90	48.90

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM

User Name : alma

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
E365	2019 CAT BACKHOE	4.00	4.00	0.00	0.00	0.00	0.00
Total				71.75	71.75	71.75	71.75

Work Order : 173920
Start Date : 9/20/2021
Completion Date : 9/20/2021
Create Date : 9/20/2021
Total Price : 148.11

RAISE MANHOLE
Job Code : 5RMH
Printed :
Locked by :
Account Number :
Book.Sequence :
Status : Closed
Total Cost : 112.97

Number	Name	Estimated Hours		Actual Labor		Normal Price	OT Price	Normal Cost	OT Cost	Total Cost	Total Price
		Normal	Overtime	Normal	Overtime						
2418	KEVIN TUBERVILLE	0.00	0.00	0.00	0.00	32.72	43.52	21.81	29.01	0.00	0.00
2443	CHRIS WOODS	0.00	0.00	0.00	0.00	21.32	31.99	16.03	24.05	0.00	0.00
1460	GUNNER GILBERT	0.00	0.00	0.00	0.00	14.63	21.95	11.00	16.50	0.00	0.00
Total		0.00	0.00	0.00	0.00	68.67	97.46	48.84	69.56	0.00	0.00

Stock Usage

Code	Description	Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated	Required				
6600002024	RISER 4" MANHOLE 250-24A IRON	0.00	0.00	66.70	101.84	66.70	101.84
Total				66.70	101.84	66.70	101.84

Equipment Usage

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
V367	2018 DODGE RAM 1500 4 X 4	0.50	0.50	20.80	20.80	10.40	10.40
V386	2020 DODGE RAM 3500	0.50	0.50	22.85	22.85	11.43	11.43
V307	FORD DUMP TRUCK 2015	0.50	0.50	48.90	48.90	24.45	24.45
E365	2019 CAT BACKHOE	0.50	0.50	0.00	0.00	0.00	0.00
Total				92.55	92.55	46.28	46.27

Miscellaneous Usage

Description	Miscellaneous Usage		Unit Cost	Unit Price	Total Cost	Total Price
	Estimated Usage	Actual Usage				
5 GALLON BUCKET TOPSOIL	1.00	1.00	0.00	0.00	0.00	0.00
Total			0.00	0.00	0.00	0.00

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date :	11/9/2021 1:49:11 PM		
User Name :	alma	RAISE MANHOLE	Account Number :
Work Order	: 173953	GRAY ST	Book.Sequence :
Start Date	: 9/20/2021	MOUNTAIN HOME AR 72653	Status :
Completion Date	: 9/20/2021	Assigned To :	OT Cost :
Create Date	: 9/20/2021	Job Code : 5RMH	Total Cost :
Total Price	: 200.55	Printed : <input checked="" type="checkbox"/>	
		Locked by :	

Number	Name	Estimated Hours		Actual Labor		Normal		OT Price		Normal		Total Cost	OT Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost					
2418	KEVIN TUBERVILLE	0.00	0.00	0.00	0.00	32.72	43.52	21.81	29.01	0.00	0.00	0.00	0.00	0.00
2443	CHRIS WOODS	0.00	0.00	0.00	0.00	21.32	31.99	16.03	24.05	0.00	0.00	0.00	0.00	0.00
1460	GUNNER GILBERT	0.00	0.00	0.00	0.00	14.63	21.95	11.00	16.50	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00	68.67	97.46	48.84	69.56	0.00	0.00	0.00	0.00	0.00

Stock Usage

Code	Description	Usage		Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
		Estimated	Required						
6600002025	RISER 6" MANHOLE 250-24A IRON	0.00	0.00	0.00	1.00	85.56	154.28	85.56	154.28
Total						85.56	154.28	85.56	154.28

Equipment Usage

Code	Description	Estimated Usage		Actual Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage	Estimated Usage	Actual Usage				
V367	2018 DODGE RAM 1500 4 X 4	0.50	0.50	0.50	0.50	20.80	10.40	10.40	10.40
V386	2020 DODGE RAM 3500	0.50	0.50	0.50	0.50	22.85	11.43	11.43	11.43
V307	FORD DUMP TRUCK 2015	0.50	0.50	0.50	0.50	48.90	24.45	24.45	24.45
E365	2019 CAT BACKHOE	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.00
Total						92.55	46.28	46.28	46.27

Work Order	: 173965	LYNN ANDERSON	R/M REPLACE MANHOLE LID	Account Number :	31010800
Start Date	: 9/21/2021	1358 HAMPSHIRE CIR	Job Code : 5R/MLID	Book.Sequence :	40.1862
Completion Date	: 9/22/2021	MOUNTAIN HOME AR 72653	Printed : <input checked="" type="checkbox"/>	Status :	Closed
Create Date	: 9/21/2021	Assigned To :	Locked by :	Total Cost :	90.75
Total Price	: 90.75				

Labor Usage

Number	Name	Estimated Hours		Actual Labor		Normal		OT Price		Normal		Total Cost	OT Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost					
2418	KEVIN TUBERVILLE	0.00	0.00	0.00	0.00	32.72	43.52	21.81	29.01	0.00	0.00	0.00	0.00	0.00
2443	CHRIS WOODS	0.00	0.00	0.00	0.00	21.32	31.99	16.03	24.05	0.00	0.00	0.00	0.00	0.00
1460	GUNNER GILBERT	0.00	0.00	0.00	0.00	14.63	21.95	11.00	16.50	0.00	0.00	0.00	0.00	0.00

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma
 Total 0.00 0.00 0.00 0.00 0.00 68.67 97.46 48.84 69.56 0.00 0.00

		Usage			Stock Usage					
Code	Description	Estimated	Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price	Total Cost	Total Price
6601348123	LID MANHOLE	0.00	0.00	1.00	68.92	68.92	68.92	68.92	68.92	68.92
Total					68.92	68.92	68.92	68.92	68.92	68.92

		Equipment Usage					
Code	Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
V367	2018 DODGE RAM 1500 4 X 4	0.50	0.50	20.80	20.80	10.40	10.40
V386	2020 DODGE RAM 3500	0.50	0.50	22.85	22.85	11.43	11.43
Total				43.65	43.65	21.83	21.83

Work Order : 173966 CRYSTAL LUDWIG RIM REPLACE MANHOLE LID Account Number : 00018214
Start Date : 9/21/2021 812 DOUGLAS Job Code : 5R/MLID Book Sequence : 25.119
Completion Date : 9/22/2021 MOUNTAIN HOME AR 72653 Printed : Status : Closed
Create Date : 9/21/2021 Assigned To : Locked by :
Total Price : 111.31 Total Cost : 111.31

		Labor Usage							
Number	Name	Estimated Hours		Actual Labor		Normal Cost	OT Cost	Total Cost	Total Price
		Normal	Overtime	Normal	Overtime				
2418	KEVIN TUBERVILLE	0.00	0.00	0.00	0.00	43.52	21.81	29.01	0.00
2443	CHRIS WOODS	0.00	0.00	0.00	0.00	31.99	16.03	24.05	0.00
1460	GUNNER GILBERT	0.00	0.00	0.00	0.00	21.95	11.00	16.50	0.00
Total		0.00	0.00	0.00	0.00	97.46	48.84	69.56	0.00

		Usage			Stock Usage					
Code	Description	Estimated	Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price	Total Cost	Total Price
6601348123	LID MANHOLE	0.00	0.00	1.00	89.48	89.48	89.48	89.48	89.48	89.48
Total					89.48	89.48	89.48	89.48	89.48	89.48

		Equipment Usage					
Code	Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
V367	2018 DODGE RAM 1500 4 X 4	0.50	0.50	20.80	20.80	10.40	10.40
V386	2020 DODGE RAM 3500	0.50	0.50	22.85	22.85	11.43	11.43
Total				43.65	43.65	21.83	21.83

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date :	11/9/2021 1:49:11 PM		
User Name :	alma		
Work Order :	174020	R/M SEWER MAIN	Account Number : 00008852
Start Date :	9/23/2021	Job Code : 5RMSM	Book Sequence : 28.299
Completion Date :	10/6/2021	Printed : ✓	Status : Closed
Create Date :	9/23/2021	Assigned To :	
Total Price :	870.95	Locked by :	Total Cost : 726.12

Number	Name	Estimated Hours		Actual Labor		Normal		OT		Total Cost	OT Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost			
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48		261.76
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24		170.56
WHIPPLE	HUNTER WHIPPLE	8.00	0.00	8.00	0.00	16.50	16.50	11.00	11.00	88.00		132.00
Total		24.00	0.00	24.00	0.00	70.54	92.01	48.84	64.06	390.72		564.32

Usage

Code	Description	Usage		Required		Actual Usage		Unit Cost		Unit Price		Total Cost	Total Price
		Estimated	Required	Estimated	Required	Unit Cost	Unit Price	Unit Cost	Unit Price				
6756662720	COUPLING 6" PVC X 6" PVC MISSION	0.00	0.00	0.00	0.00	2.00	2.00	41.70	36.72	83.40		73.44	
2264204075	WYE 4" FLEX SADDLE DFW	0.00	0.00	0.00	0.00	1.00	1.00	34.70	34.70	34.70		34.70	
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	0.00	0.00	0.00	2.00	2.00	5.87	6.86	11.74		13.72	
2264205000	STAINLESS STEEL ZIP BANDS	0.00	0.00	0.00	0.00	2.00	2.00	4.09	5.98	8.18		11.96	
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	0.00	0.00	0.00	2.00	2.00	17.13	27.00	34.26		54.00	
2264500604	WYE 6" X 4" SDR26 (G)	0.00	0.00	0.00	0.00	1.00	1.00	62.77	20.00	62.77		20.00	
2410324040	BEND 22 1/2 DEGREE 4" SCH40	0.00	0.00	0.00	0.00	1.00	1.00	7.79	6.26	7.79		6.26	
Total						174.05	137.52	242.84		214.08			

Equipment Usage

Code	Description	Equipment Usage		Actual Usage		Unit Cost		Unit Price		Total Cost	Total Price
		Estimated Usage	Required	Estimated	Required	Unit Cost	Unit Price	Unit Cost	Unit Price		
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	1.00	1.00	20.80	20.80	20.80	20.80	20.80	20.80
V386	2020 DODGE RAM 3500	1.00	1.00	1.00	1.00	22.85	22.85	22.85	22.85	22.85	22.85
V307	FORD DUMP TRUCK 2015	1.00	1.00	1.00	1.00	48.90	48.90	48.90	48.90	48.90	48.90
E365	2019 CAT BACKHOE	4.00	4.00	4.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				92.55	92.55	92.55	92.55	92.55	92.55	92.55	92.55

Work Order :	174021		
Start Date :	9/23/2021	10TH ST & SOUTH ST	Account Number : 00008852
Completion Date :	10/11/2021	MOUNTAIN HOME AR 72653	Book Sequence : 28.299
Create Date :	9/23/2021	Assigned To :	Status : Closed
Total Price :	800.35	Locked by :	Total Cost : 608.14

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Number	Name	Estimated Hours		Actual Labor		Normal Price		OT Price		Normal Cost		OT Cost		Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost	Cost	OT Cost	Total Cost	Total Price	
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76			261.76
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56			170.56
	WHIPPLE HUNTER WHIPPLE	8.00	0.00	8.00	0.00	16.50	16.50	11.00	11.00	88.00	132.00			132.00
Total		24.00	0.00	24.00	0.00	70.54	92.01	48.84	64.06	390.72	564.32			564.32

Stock Usage

Code	Description	Usage		Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
		Estimated	Required						
6706662720	COUPLING 6" CON X 6" PVC MISSION	0.00	0.00	0.00	2.00	49.76	78.41	99.52	156.82
2235150006	PIPE 6" PVC SDR26 GJ SEWER	0.00	0.00	0.00	14.00	5.30	2.54	74.20	35.56
Total					55.06		80.95	173.72	192.38

Equipment Usage

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	20.80	20.80	20.80	20.80
V386	2020 DODGE RAM 3500	1.00	1.00	22.85	22.85	22.85	22.85
E365	2019 CAT BACKHOE	6.00	6.00	0.00	0.00	0.00	0.00
Total				43.65	43.65	43.65	43.65

Work Order : 174064
Start Date : 9/27/2021
Completion Date : 9/28/2021
Create Date : 9/27/2021
Total Price : 709.17

LOWER SEWER SERVICE LINE
Account Number :
Job Code : 5LSL
Book.Sequence :
Printed : ✓
Status : Closed
Assigned To :
Locked by :
Total Cost : 581.83

Number	Name	Estimated Hours		Actual Labor		Normal Price		OT Price		Normal Cost		OT Cost		Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost	Cost	OT Cost	Total Cost	Total Price	
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76			261.76
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56			170.56
Total		16.00	0.00	16.00	0.00	54.04	75.51	37.84	53.06	302.72	432.32			432.32

Stock Usage

Code	Description	Usage		Required	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
		Estimated	Required						
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	0.00	0.00	3.00	17.13	27.00	51.39	81.00
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	0.00	0.00	4.00	5.87	6.86	23.48	27.44

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date :		11/9/2021 1:49:11 PM									
User Name :		alma									
2410324040	BEND 22 1/2 DEGREE 4" SCH40	0.00	0.00	1.00	7.79	6.26	7.79	6.26	7.79	6.26	
2235150004	PIPE 4" SCH40	0.00	0.00	40.00	2.60	1.74	104.00	1.74	104.00	69.60	
Total				33.39	41.86		186.66		186.66	184.30	

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	20.80	20.80	20.80	20.80
V386	2020 DODGE RAM 3500	1.00	1.00	22.85	22.85	22.85	22.85
V307	FORD DUMP TRUCK 2015	1.00	1.00	48.90	48.90	48.90	48.90
E365	2019 CAT BACKHOE	1.00	1.00	0.00	0.00	0.00	0.00
Total				92.55	92.55	92.55	92.55

Work Order :	174146	RIM SEWER SERVICE LINE	Account Number :	
Start Date :	9/30/2021	COOPER ST	Book.Sequence :	
Completion Date :	10/4/2021	MOUNAIN HOME AR 72653	Status :	Closed
Create Date :	9/30/2021	Assigned To :	Locked by :	
Total Price :	601.65	Total Cost :		515.58

Number	Name	Estimated Hours		Actual Labor		Normal		OT Cost	Total Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price			
2418	KEVIN TUBERVILLE	4.00	0.00	4.00	0.00	32.72	43.52	21.81	29.01	130.88
2443	CHRIS WOODS	4.00	0.00	4.00	0.00	21.32	31.99	16.03	24.05	85.28
WHIPPLE	HUNTER WHIPPLE	4.00	0.00	4.00	0.00	16.50	16.50	11.00	11.00	66.00
Total		12.00	0.00	12.00	0.00	70.54	92.01	48.84	64.06	282.16

Code	Description	Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated	Required				
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	0.00	5.87	6.86	23.48	27.44
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	0.00	17.13	27.00	51.39	81.00
2235150004	PIPE 4" SCH40	0.00	0.00	2.60	1.74	104.00	69.60
Total				25.60	35.60	178.87	178.04

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	20.80	20.80	20.80	20.80
V386	2020 DODGE RAM 3500	1.00	1.00	22.85	22.85	22.85	22.85
V307	FORD DUMP TRUCK 2015	2.00	2.00	48.90	48.90	97.80	97.80
E365	2019 CAT BACKHOE	4.00	4.00	0.00	0.00	0.00	0.00

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

		Equipment Usage					
Code	Description	Estimated Usage	Actual Usage	Unit Cost	Unit Price	Total Cost	Total Price
Total				92.55	92.55	141.45	141.45

Work Order : 174148
Start Date : 9/30/2021
Completion Date : 10/4/2021
Create Date : 9/30/2021
Total Price : 107.52

R/M SEWER SERVICE LINE : Account Number :
 Job Code : 5RMSL : Book.Sequence :
 Printed : ✓ : Status : Closed
 Locked by :
Total Cost : 76.88

		Labor Usage					
		Actual Labor		Normal			
Number	Name	Estimated	Overtime	Normal	Price	OT Price	OT Cost
2418	KEVIN TUBERVILLE	1.00	0.00	1.00	32.72	43.52	29.01
Total		1.00	0.00	1.00	32.72	43.52	29.01

		Usage					
		Required		Actual Usage			
Code	Description	Estimated	Required	Unit Cost	Unit Price	Total Cost	Total Price
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	0.00	2.00	17.13	34.26	54.00
Total				17.13	27.00	34.26	54.00

		Equipment Usage					
		Actual Usage		Unit Cost			
Code	Description	Estimated Usage	Actual Usage	Unit Price	Unit Price	Total Cost	Total Price
V367	2018 DODGE RAM 1500 4 X 4	1.00	1.00	20.80	20.80	20.80	20.80
Total				20.80	20.80	20.80	20.80

Work Order : 174189
Start Date : 10/4/2021
Completion Date : 10/28/2021
Create Date : 10/4/2021
Total Price : 58,202.44

SEWER MAIN UPGRADE : Account Number :
 Job Code : 5SMUPG : Book.Sequence :
 Printed : ✓ : Status : Closed
 Locked by :
Total Cost : 56,069.84

		Labor Usage					
		Actual Labor		Normal			
Number	Name	Estimated	Overtime	Normal	Price	OT Price	OT Cost
2438	TYLER MITCHELL	8.00	0.00	8.00	26.12	39.18	29.46
2416	JASON RYCHTARIK	8.00	0.00	8.00	25.94	38.90	29.25
2448	JERRY BUCK	8.00	0.00	8.00	19.98	29.96	22.53
1438	CADE SEAL	8.00	0.00	8.00	22.25	33.38	25.10
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	32.72	43.52	29.01
Total		40.00	0.00	40.00	26.12	39.18	29.46

		Usage					
		Required		Actual Usage			
Code	Description	Estimated	Required	Unit Cost	Unit Price	Total Cost	Total Price
2438	TYLER MITCHELL	8.00	8.00	19.64	157.12	157.12	208.96
2416	JASON RYCHTARIK	8.00	8.00	19.50	156.00	156.00	207.52
2448	JERRY BUCK	8.00	8.00	15.02	120.16	120.16	159.84
1438	CADE SEAL	8.00	8.00	16.73	133.84	133.84	178.00
2418	KEVIN TUBERVILLE	8.00	8.00	21.81	174.48	174.48	261.76
Total		40.00	40.00	71.90	582.08	582.08	750.32

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date :		11/9/2021 1:49:11 PM													
User Name :		alma													
Code	Description	Usage Estimated	Usage Required	Usage Actual Usage	Unit Cost	Unit Price	Unit Cost	Unit Price	Unit Cost	Unit Price	Total Cost	Total Price	Total Cost	Total Price	
2416	JASON RYCHTARIK	8.00	8.00	0.00	25.94	19.50	38.90	29.25	156.00	29.25	156.00	207.52	207.52	207.52	
2448	JERRY BUCK	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
1438	CADE SEAL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
2416	JASON RYCHTARIK	8.00	8.00	0.00	25.94	19.50	38.90	29.25	156.00	29.25	156.00	207.52	207.52	207.52	
2448	JERRY BUCK	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
1438	CADE SEAL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
2438	TYLER MITCHELL	8.00	8.00	0.00	26.12	19.64	39.18	29.46	157.12	29.46	157.12	208.96	208.96	208.96	
2416	JASON RYCHTARIK	8.00	8.00	0.00	25.94	19.50	38.90	29.25	156.00	29.25	156.00	207.52	207.52	207.52	
2448	JERRY BUCK	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
1438	CADE SEAL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
1455	WES BRITT	8.00	8.00	0.00	23.16	17.41	30.08	26.12	139.28	26.12	139.28	185.28	185.28	185.28	
2438	TYLER MITCHELL	8.00	8.00	0.00	26.12	19.64	39.18	29.46	157.12	29.46	157.12	208.96	208.96	208.96	
2416	JASON RYCHTARIK	8.00	8.00	0.00	25.94	19.50	38.90	29.25	156.00	29.25	156.00	207.52	207.52	207.52	
2448	JERRY BUCK	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
1438	CADE SEAL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
1455	WES BRITT	8.00	8.00	0.00	23.16	17.41	30.08	26.12	139.28	26.12	139.28	185.28	185.28	185.28	
2438	TYLER MITCHELL	8.00	8.00	0.00	26.12	19.64	39.18	29.46	157.12	29.46	157.12	208.96	208.96	208.96	
2448	JERRY BUCK	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
1438	CADE SEAL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
1455	WES BRITT	7.00	7.00	0.00	23.16	17.41	30.08	26.12	121.87	26.12	121.87	162.12	162.12	162.12	
2438	TYLER MITCHELL	8.00	8.00	0.00	26.12	19.64	39.18	29.46	157.12	29.46	157.12	208.96	208.96	208.96	
2448	JERRY BUCK	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
1438	CADE SEAL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
2438	TYLER MITCHELL	8.00	8.00	0.00	26.12	19.64	39.18	29.46	157.12	29.46	157.12	208.96	208.96	208.96	
1438	CADE SEAL	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
2438	TYLER MITCHELL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
2448	JERRY BUCK	8.00	8.00	0.00	26.12	19.64	39.18	29.46	157.12	29.46	157.12	208.96	208.96	208.96	
1438	CADE SEAL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
2438	TYLER MITCHELL	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
2448	JERRY BUCK	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
1438	CADE SEAL	8.00	8.00	0.00	26.12	19.64	39.18	29.46	157.12	29.46	157.12	208.96	208.96	208.96	
2438	TYLER MITCHELL	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
2448	JERRY BUCK	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
1438	CADE SEAL	8.00	8.00	0.00	26.12	19.64	39.18	29.46	157.12	29.46	157.12	208.96	208.96	208.96	
2416	JASON RYCHTARIK	8.00	8.00	0.00	25.94	19.50	38.90	29.25	156.00	29.25	156.00	207.52	207.52	207.52	
2448	JERRY BUCK	8.00	8.00	0.00	19.98	15.02	29.96	22.53	120.16	22.53	120.16	159.84	159.84	159.84	
1438	CADE SEAL	8.00	8.00	0.00	22.25	16.73	33.38	25.10	133.84	25.10	133.84	178.00	178.00	178.00	
1455	WES BRITT	8.00	8.00	0.00	23.16	17.41	30.08	26.12	139.28	26.12	139.28	185.28	185.28	185.28	
Total		593.00	593.00	0.00	1,756.65	1,316.49	2,579.00	1,965.66	10,401.13	1,965.66	10,401.13	13,879.24	13,879.24	13,879.24	

Stock Usage

Usage

Estimated Required Actual Usage

Unit Cost Unit Price Total Cost Total Price

CITY OF MOUNTAIN HOME WATER DEPARTMENT Work Order Report

Detail

Date :	11/9/2021 1:49:11 PM	
User Name :	alma	
6600002024	RISER 4" MANHOLE 250-24A IRON	101.84
6600002025	RISER 6" MANHOLE 250-24A IRON	154.28
8008000090	8" 90 DEGREE LONG RADIUS BEND	129.70
8000800080	8" x 8" x 8" SDR26 TEE/WYE	85.61
6600002024	RISER 4" MANHOLE 250-24A IRON	101.84
1701453300	COUPLING 3/4" PVC X 3/4" CTS (3 PC)	13.72
6600002024	RISER 4" MANHOLE 250-24A IRON	101.84
6600002025	RISER 6" MANHOLE 250-24A IRON	154.28
2900900080	BEND 90 DEGREE 6" (SWEEPING) SDR 26	26.04
8000800080	8" x 8" x 8" SDR26 TEE/WYE	85.61
2235150008	PIPE 8" PVC SDR26 GJ SEWER	4.98
2235150008	PIPE 8" PVC SDR26 GJ SEWER	4.98
2235150004	PIPE 4" SCH40	1.74
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	49.52
6704444444	COUPLING 4" PVC X 4" PVC MISSION	27.00
2410321040	BEND 45 DEGREE 4" SCH40 DWV	6.86
2410324040	BEND 22 1/2 DEGREE 4" SCH40	6.26
6600002022	RISER 2" MANHOLE 250-24A IRON	52.49
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	42.44
2410321040	BEND 45 DEGREE 4" SCH40 DWV	6.86
6704444444	COUPLING 4" PVC X 4" PVC MISSION	24.48
6600002025	RISER 6" MANHOLE 250-24A IRON	154.28
6600002023	RISER 3" MANHOLE 250-24A IRON	77.17
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	49.52
5204003000	COUPLING 4" PVC X 4" PVC MISSION	27.00
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	4.84
2410321040	BEND 45 DEGREE 4" SCH40 DWV	6.86
6704444444	COUPLING 4" PVC X 4" PVC MISSION	24.48
8000800080	8" x 8" x 8" SDR26 TEE/WYE	85.61
8008000090	8" 90 DEGREE LONG RADIUS BEND	129.70
2410400060	TEE 6" SWEEPING SDR26	54.27
2900900080	BEND 90 DEGREE 6" (SWEEPING) SDR 26	26.04
2264740000	GASKET 6" CMA MANHOLE GASKETS	6.83
QUAD1	QUADEX FAST PLUG	22.92
6600002025	RISER 6" MANHOLE 250-24A IRON	154.28
6600002024	RISER 4" MANHOLE 250-24A IRON	101.84

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date :	11/9/2021 1:49:11 PM									
User Name :	alma									
		0.00	476.00	5.72	4.98	2,722.72	2,370.48			
2235150008	PIPE 8" PVC SDR26 GJ SEWER	0.00	476.00	5.72	4.98	2,722.72	2,370.48			
6704442724	COUPLING 4" PVC X 4" CL MISSION	0.00	1.00	34.91	30.83	34.91	30.83			
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	1.00	24.48	27.00	24.48	27.00			
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	0.00	1.00	70.09	49.52	70.09	49.52			
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	1.00	6.93	6.86	6.93	6.86			
QUAD1	QUADEX FAST PLUG	0.00	1.00	39.55	22.92	39.55	22.92			
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	0.00	1.00	70.09	49.52	70.09	49.52			
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	1.00	24.48	27.00	24.48	27.00			
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	1.00	6.93	6.86	6.93	6.86			
2263500664	WYE SWEEPING 8" x 4" SDR26 x SCH40	0.00	2.00	70.09	49.52	140.18	99.04			
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	2.00	24.48	27.00	48.96	54.00			
6704442724	COUPLING 4" PVC X 4" CL MISSION	0.00	1.00	34.91	30.83	34.91	30.83			
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	2.00	6.93	6.86	13.86	13.72			
2390404030	LUBE PIPE	0.00	3.00	4.37	4.37	13.11	13.11			
Total				2,679.01	2,513.72	7,195.43	6,590.69			

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	4.00	4.00	29.50	29.50	118.00	118.00
E300	CASE EXCAVATOR	5.00	5.00	52.70	52.70	263.50	263.50
E348	2013 BACKHOE CASE	1.00	1.00	29.50	29.50	29.50	29.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V336	2007 CHEVY C6500 DUMP TRUCK	8.00	8.00	48.90	48.90	391.20	391.20
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
V361	2017 DUMP TRUCK	8.00	8.00	48.90	48.90	391.20	391.20
E355	2019 CAT BACKHOE	1.00	1.00	29.50	29.50	29.50	29.50
E360	2011 SKIDSTEER - BOBCAT	5.00	5.00	37.00	37.00	185.00	185.00
E300	CASE EXCAVATOR	4.00	4.00	52.70	52.70	210.80	210.80
E348	2013 BACKHOE CASE	1.00	1.00	29.50	29.50	29.50	29.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	3.00	3.00	29.50	29.50	88.50	88.50
E360	2011 SKIDSTEER - BOBCAT	1.00	1.00	37.00	37.00	37.00	37.00
E300	CASE EXCAVATOR	3.00	3.00	52.70	52.70	158.10	158.10
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
E300	CASE EXCAVATOR	8.00	8.00	52.70	52.70	421.60	421.60
E359	2017 CASE SKID STEER	4.00	4.00	37.00	37.00	148.00	148.00
E348	2013 BACKHOE CASE	7.00	7.00	29.50	29.50	206.50	206.50
E388	2021 - MINI EXCAVATOR	2.00	2.00	34.20	34.20	68.40	68.40
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E359	2017 CASE SKID STEER	2.00	2.00	37.00	37.00	74.00	74.00
E348	2013 BACKHOE CASE	5.00	5.00	29.50	29.50	147.50	147.50
E388	2021 - MINI EXCAVATOR	1.00	1.00	34.20	34.20	34.20	34.20
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E359	2017 CASE SKID STEER	3.00	3.00	37.00	37.00	111.00	111.00
E348	2013 BACKHOE CASE	1.00	1.00	29.50	29.50	29.50	29.50
E388	2021 - MINI EXCAVATOR	7.00	7.00	34.20	34.20	239.40	239.40
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E359	2017 CASE SKID STEER	5.00	5.00	37.00	37.00	185.00	185.00
E348	2013 BACKHOE CASE	6.00	6.00	29.50	29.50	177.00	177.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E359	2017 CASE SKID STEER	3.00	3.00	37.00	37.00	111.00	111.00
E348	2013 BACKHOE CASE	1.00	1.00	29.50	29.50	29.50	29.50
E388	2021 - MINI EXCAVATOR	4.00	4.00	34.20	34.20	136.80	136.80
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	3.00	3.00	29.50	29.50	88.50	88.50
E359	2017 CASE SKID STEER	1.00	1.00	37.00	37.00	37.00	37.00
E348	2013 BACKHOE CASE	2.00	2.00	29.50	29.50	59.00	59.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	2.00	2.00	29.50	29.50	59.00	59.00
E359	2017 CASE SKID STEER	2.00	2.00	37.00	37.00	74.00	74.00
E348	2013 BACKHOE CASE	3.00	3.00	29.50	29.50	88.50	88.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Code	Description	Equipment Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
E300	CASE EXCAVATOR	6.00	6.00	52.70	52.70	316.20	316.20
E359	2017 CASE SKID STEER	3.00	3.00	37.00	37.00	111.00	111.00
E348	2013 BACKHOE CASE	1.00	1.00	29.50	29.50	29.50	29.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E300	CASE EXCAVATOR	5.00	5.00	52.70	52.70	263.50	263.50
E359	2017 CASE SKID STEER	4.00	4.00	37.00	37.00	148.00	148.00
E348	2013 BACKHOE CASE	4.00	4.00	29.50	29.50	118.00	118.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E300	CASE EXCAVATOR	4.00	4.00	52.70	52.70	210.80	210.80
E359	2017 CASE SKID STEER	3.00	3.00	37.00	37.00	111.00	111.00
E348	2013 BACKHOE CASE	3.00	3.00	29.50	29.50	88.50	88.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E359	2017 CASE SKID STEER	2.00	2.00	37.00	37.00	74.00	74.00
E348	2013 BACKHOE CASE	1.00	1.00	29.50	29.50	29.50	29.50
E388	2021 - MINI EXCAVATOR	2.00	2.00	34.20	34.20	68.40	68.40
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	4.00	4.00	29.50	29.50	118.00	118.00
E360	2011 SKIDSTEER - BOBCAT	4.00	4.00	37.00	37.00	148.00	148.00
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	3.00	3.00	29.50	29.50	88.50	88.50
E357	2019 CAT BACKHOE	1.00	1.00	29.50	29.50	29.50	29.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	4.00	4.00	29.50	29.50	118.00	118.00
E348	2013 BACKHOE CASE	3.00	3.00	29.50	29.50	88.50	88.50
V308	2020 FORD F250	8.00	8.00	12.30	12.30	98.40	98.40
V387	2020 DODGE RAM 5500	8.00	8.00	26.85	26.85	214.80	214.80
E355	2019 CAT BACKHOE	3.00	3.00	29.50	29.50	88.50	88.50
E348	2013 BACKHOE CASE	3.00	3.00	29.50	29.50	88.50	88.50
Total				2,597.90	2,597.90	12,430.70	12,430.70

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma

Description	Miscellaneous Usage			Unit Price	Total Cost	Total Price
	Estimated Usage	Actual Usage	Unit Cost			
4" ROCK (WRM)	1.00	1.00	1,145.24	1,145.24	1,145.24	1,145.24
FINES (WRM)	1.00	1.00	704.90	704.90	704.90	704.90
HOTMIX (ATLAS)	1.00	1.00	561.40	561.40	561.40	561.40
HOTMIX (ATLAS)	1.00	1.00	569.80	569.80	569.80	569.80
HOTMIX (ATLAS)	1.00	1.00	493.50	493.50	493.50	493.50
HOTMIX (ATLAS)	1.00	1.00	289.10	289.10	289.10	289.10
MANHOLES (PETERSON CONCRETE)	1.00	1.00	5,195.13	5,195.13	5,195.13	5,195.13
QUICKRETE (MARCHANT)	1.00	1.00	19.73	19.73	19.73	19.73
QUICKRETE (MARCHANT)	1.00	1.00	9.87	9.87	9.87	9.87
Total			8,988.67	8,988.67	8,988.67	8,988.67

Work Order : 174249
Start Date : 10/4/2021
Completion Date : 10/6/2021
Create Date : 10/4/2021
Total Price : 122.64

R/W SEWER SERVICE LINE
Job Code : 5RMSL
Printed :
Locked by :
Account Number :
Book Sequence :
Status : Closed
Total Cost : 88.04

Number	Name	Estimated Hours		Actual Labor		Normal		OT Cost		Total Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost		
2418	KEVIN TUBERVILLE	0.75	0.00	0.75	0.00	32.72	43.52	21.81	29.01	16.36	24.54
2443	CHRIS WOODS	0.75	0.00	0.75	0.00	21.32	31.99	16.03	24.05	12.02	15.99
1460	GUNNER GILBERT	0.75	0.00	0.75	0.00	14.63	21.95	11.00	16.50	8.25	10.97
Total		2.25	0.00	2.25	0.00	68.67	97.46	48.84	69.56	36.63	51.50

Stock Usage

Code	Description	Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated	Required				
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	0.00	17.13	27.00	34.26	54.00
Total				17.13	27.00	34.26	54.00

Equipment Usage

Code	Description	Usage		Unit Cost	Unit Price	Total Cost	Total Price
		Estimated Usage	Actual Usage				
V386	2020 DODGE RAM 3500	0.75	0.75	22.85	22.85	17.14	17.14
Total		22.85	22.85	17.14	17.14	17.14	17.14

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 11/9/2021 1:49:11 PM
 User Name : alma
 2204518100 PLUG CLEAN OUT 4" THREADED DWV 0.00 0.00 1.00 6.63 2.99 6.63 2.99
Total 6.63 2.99 6.63 2.99

Work Order : 174325 R/M SEWER MAIN Account Number : 28014400
Start Date : 10/7/2021 Job Code : 5RMSM Book.Sequence : 28.181
Completion Date : 10/20/2021 MOUNTAIN HOME AR 72653 Printed : ✓ Status : Closed
Create Date : 10/7/2021 Assigned To :
Total Price : 1,116.31 Total Cost : 904.07

Number	Name	Estimated Hours		Actual Labor		Normal		OT Cost		Total Cost	Total Price
		Normal	Overtime	Normal	Overtime	Price	OT Price	Cost	OT Cost		
2418	KEVIN TUBERVILLE	8.00	0.00	8.00	0.00	32.72	43.52	21.81	29.01	174.48	261.76
2443	CHRIS WOODS	8.00	0.00	8.00	0.00	21.32	31.99	16.03	24.05	128.24	170.56
WHIPPLE	HUNTER WHIPPLE	8.00	0.00	8.00	0.00	16.50	16.50	11.00	11.00	88.00	132.00
Total		24.00	0.00	24.00	0.00	70.54	92.01	48.84	64.06	390.72	564.32

Code	Description	Usage		Actual Usage		Unit Cost		Unit Price		Total Cost	Total Price
		Estimated	Required	Estimated	Required	Unit Cost	Unit Price	Unit Cost	Unit Price		
6706662720	COUPLING 6" CON X 6" PVC MISSION	0.00	0.00	0.00	0.00	49.76	49.76	78.41	78.41	99.52	156.82
2264204075	WYE 4" FLEX SADDLE DFW	0.00	0.00	0.00	0.00	34.70	34.70	34.70	34.70	34.70	34.70
2264205000	STAINLESS STEEL ZIP BANDS	0.00	0.00	0.00	0.00	4.09	4.09	5.98	5.98	12.27	17.94
2410321040	BEND 45 DEGREE 4" SCH40 DWV	0.00	0.00	0.00	0.00	5.87	5.87	6.86	6.86	11.74	13.72
6704444444	COUPLING 4" PVC X 4" PVC MISSION	0.00	0.00	0.00	0.00	20.81	20.81	27.00	27.00	41.62	54.00
2235150006	PIPE 6" PVC SDR26 GJ SEWER	0.00	0.00	0.00	0.00	5.30	5.30	2.54	2.54	74.20	35.56
Total						120.54	120.54	155.49	155.49	274.05	312.74

Code	Description	Equipment Usage		Actual Usage		Unit Cost		Unit Price		Total Cost	Total Price
		Estimated Usage	Required	Estimated	Required	Unit Cost	Unit Price	Unit Cost	Unit Price		
V367	2018 DODGE RAM 1500 4 X 4			1.00	1.00	20.80	20.80	20.80	20.80	20.80	20.80
V386	2020 DODGE RAM 3500			1.00	1.00	22.85	22.85	22.85	22.85	22.85	22.85
V307	FORD DUMP TRUCK 2015			4.00	4.00	48.90	48.90	48.90	48.90	195.60	195.60
E365	2019 CAT BACKHOE			6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				92.55	92.55	92.55	92.55	92.55	92.55	239.25	239.25

APPENDIX E
LIFT STATION MAINTENANCE RECORDS

YEAR 2021		MOUNTAIN HOME WASTEWATER PLANT LIFT STATION MONTHLY RUN TIMES		
LIFT STATION NAME	PUMP #	BEGINNING	ENDING	TOTAL RUN
		READING		TIME
				Aug-21
IND PARK LS #1	PUMP #1	1686.2	1695.3	9.1
	PUMP #2	7009.7	7024.5	14.8
IND PARK LS #2	PUMP #1	1065.9	1080.7	14.8
	PUMP #2	2914.9	2929.7	14.8
IND PARK LS #3	PUMP #1	750.9	754.3	3.4
	PUMP #2	168.53	171.43	2.9
MONROE LS	PUMP #1	9538.5	9560.5	22
	PUMP #2	4792.3	4814.4	22.1
FRANKLIN LS	PUMP #1	2622.59	2634.2	11.61
	PUMP #2	4327.39	4338.59	11.2
WOODCREEK	PUMP #1	4045.1	4058.5	13.4
	PUMP #2	6130.77	6143.7	12.93
PARKWOOD LS	PUMP #1	2047	2055	8
	PUMP #2	1960.3	1968.3	8
INDIAN CREEK	PUMP #1	9231.3	9287.1	55.8
	PUMP #2	9571.3	9635.8	64.5
HWY 62 . LS	PUMP #1	333.51	335.21	1.7
	PUMP #2	271.06	272.73	1.67
CR 390 LS	PUMP #1	5058.2	5100.8	42.6
	PUMP #2	5100	5112.9	12.9
BIG CREEK LS	PUMP #1	688.77	694.84	6.07
	PUMP #2	661.53	667.62	6.09
CARLILE LS	PUMP #2	498		-498
	PUMP #2	483.3		-483.3

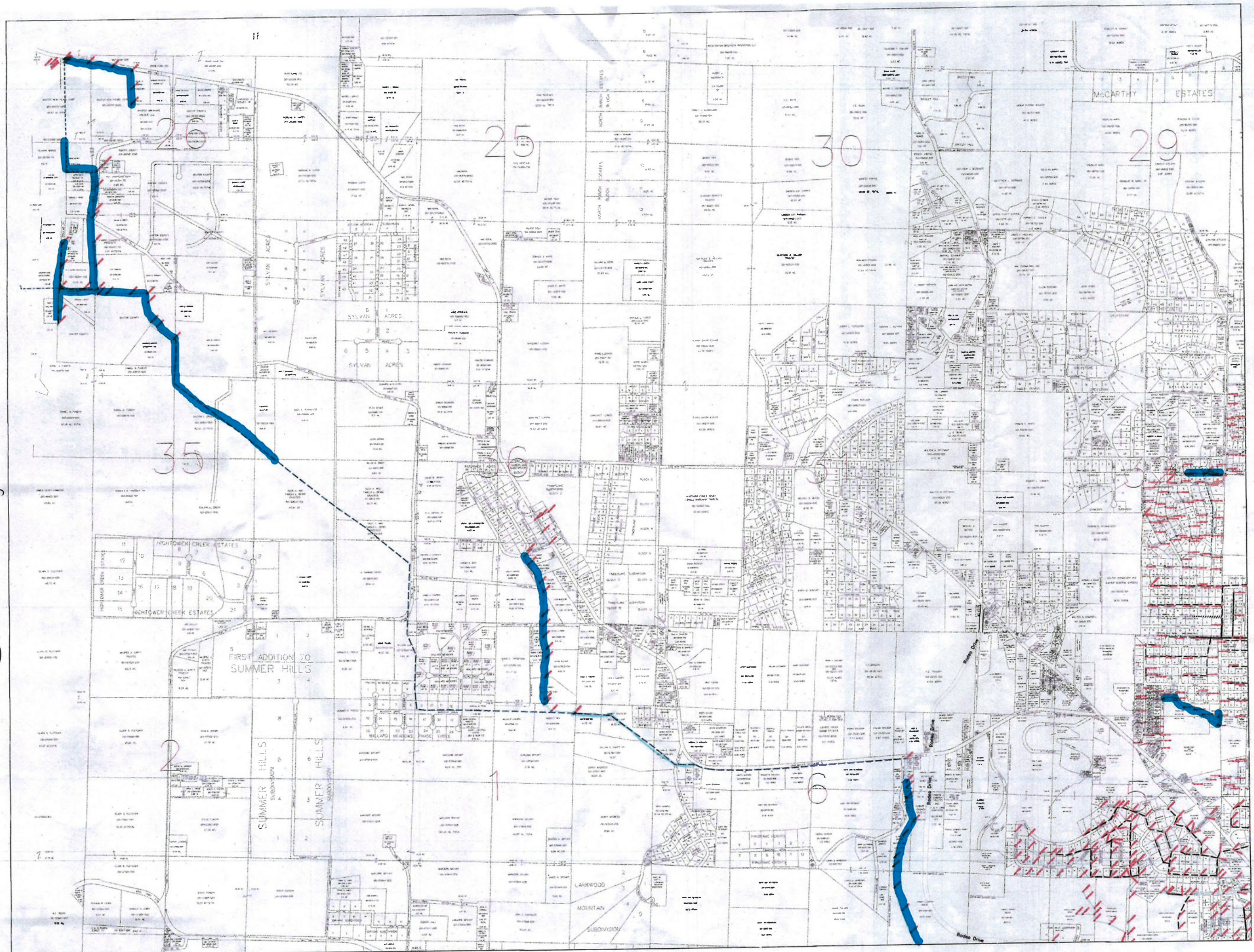
YEAR 2021		MOUNTAIN HOME WASTEWATER PLANT LIFT STATION MONTHLY RUN TIMES		
LIFT STATION NAME	PUMP #	BEGINNING	ENDING	TOTAL RUN
		READING		TIME
				Sep-21
IND PARK LS #1	PUMP #1	1695.3	1703.8	8.5
	PUMP #2	7024.5	7038.2	13.7
IND PARK LS #2	PUMP #1	1080.7	1095.6	14.9
	PUMP #2	2929.7	2952.6	22.9
IND PARK LS #3	PUMP #1	754.3	756.7	2.4
	PUMP #2	171.43	173.56	2.13
MONROE LS	PUMP #1	9560.5	9582.6	22.1
	PUMP #2	4814.4	4835.4	21
FRANKLIN LS	PUMP #1	2634.2	2643.64	9.44
	PUMP #2	4338.59	4347.6	9.01
WOODCREEK	PUMP #1	4058.5	4070.5	12
	PUMP #2	6143.7	6156.35	12.65
PARKWOOD LS	PUMP #1	2055	2063.6	8.6
	PUMP #2	1968.3	1997.7	29.4
INDIAN CREEK	PUMP #1	9287.1	9326.6	39.5
	PUMP #2	9635.8	9681.6	45.8
HWY 62 . LS	PUMP #1	335.21	336.42	1.21
	PUMP #2	272.73	273.98	1.25
CR 390 LS	PUMP #1	5100.8	5100.8	0
	PUMP #2	5112.9	5162.6	49.7
BIG CREEK LS	PUMP #1	694.84	700.28	5.44
	PUMP #2	667.62	673.05	5.43
CARLILE LS	PUMP #2	513.7	529.1	15.4
	PUMP #2	499.1	514.2	15.1

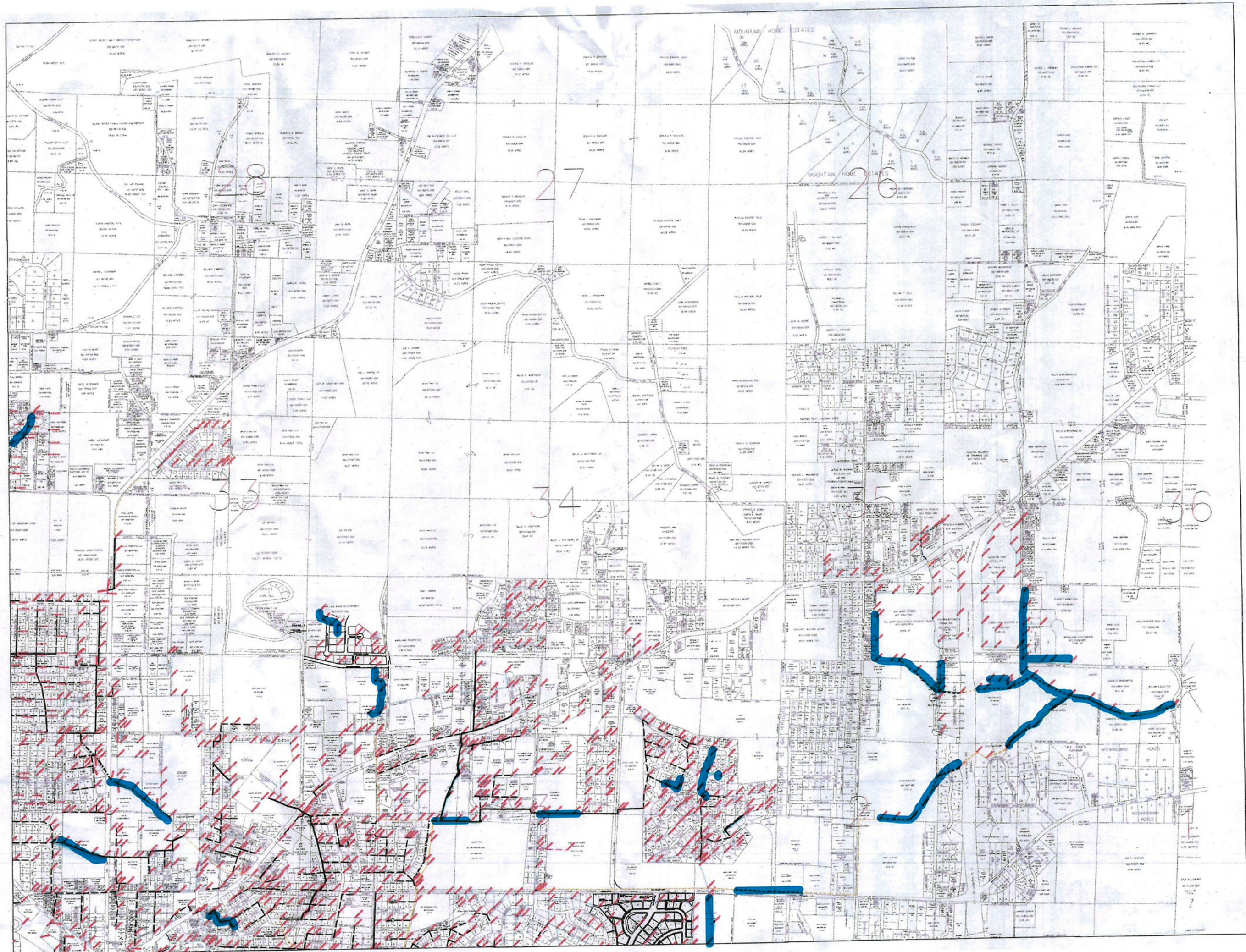
YEAR 2021 MOUNTAIN HOME WASTEWATER PLANT LIFT STATION MONTHLY RUN TIMES

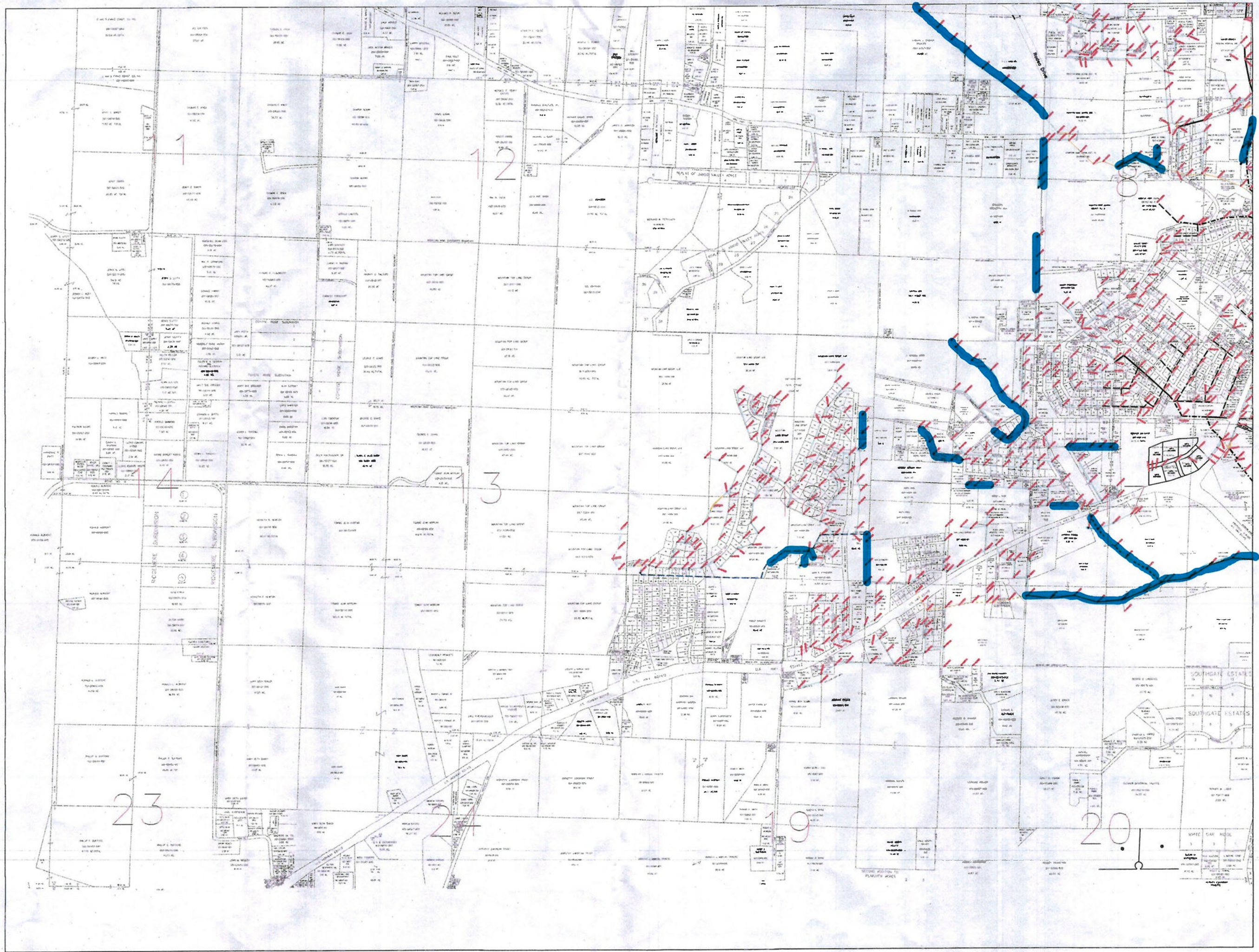
LIFT STATION NAME	PUMP #	BEGINNING	ENDING	TOTAL RUN
		READING		TIME
				Oct-21
IND PARK LS #1	PUMP #1	1703.8	1711.7	7.9
	PUMP #2	7038.2	7050.9	12.7
IND PARK LS #2	PUMP #1	1095.6	1109.3	13.7
	PUMP #2	2952.6	2966.9	14.3
IND PARK LS #3	PUMP #1	756.7	758.2	1.5
	PUMP #2	173.56	174.94	1.38
MONROE LS	PUMP #1	9582.6	9606.3	23.7
	PUMP #2	4835.4	4859	23.6
FRANKLIN LS	PUMP #1	2643.64	2653.66	10.02
	PUMP #2	4347.6	4359.63	12.03
WOODCREEK	PUMP #1	4070.5	4083.3	12.8
	PUMP #2	6156.35	6169.47	13.12
PARKWOOD LS	PUMP #1	2063.6	2063.6	0
	PUMP #2	1997.7	2037.5	39.8
INDIAN CREEK	PUMP #1	9326.6	9379.4	52.8
	PUMP #2	9681.6	9742.9	61.3
HWY 62 . LS	PUMP #1	336.42	337.95	1.53
	PUMP #2	273.98	275.57	1.59
CR 390 LS	PUMP #1	5100.8	5111.6	10.8
	PUMP #2	5162.6	5200.3	37.7
BIG CREEK LS	PUMP #1	700.28	705.73	5.45
	PUMP #2	673.05	678.49	5.44
CARLILE LS	PUMP #2	529.1	543.8	14.7
	PUMP #2	514.2	528.6	14.4

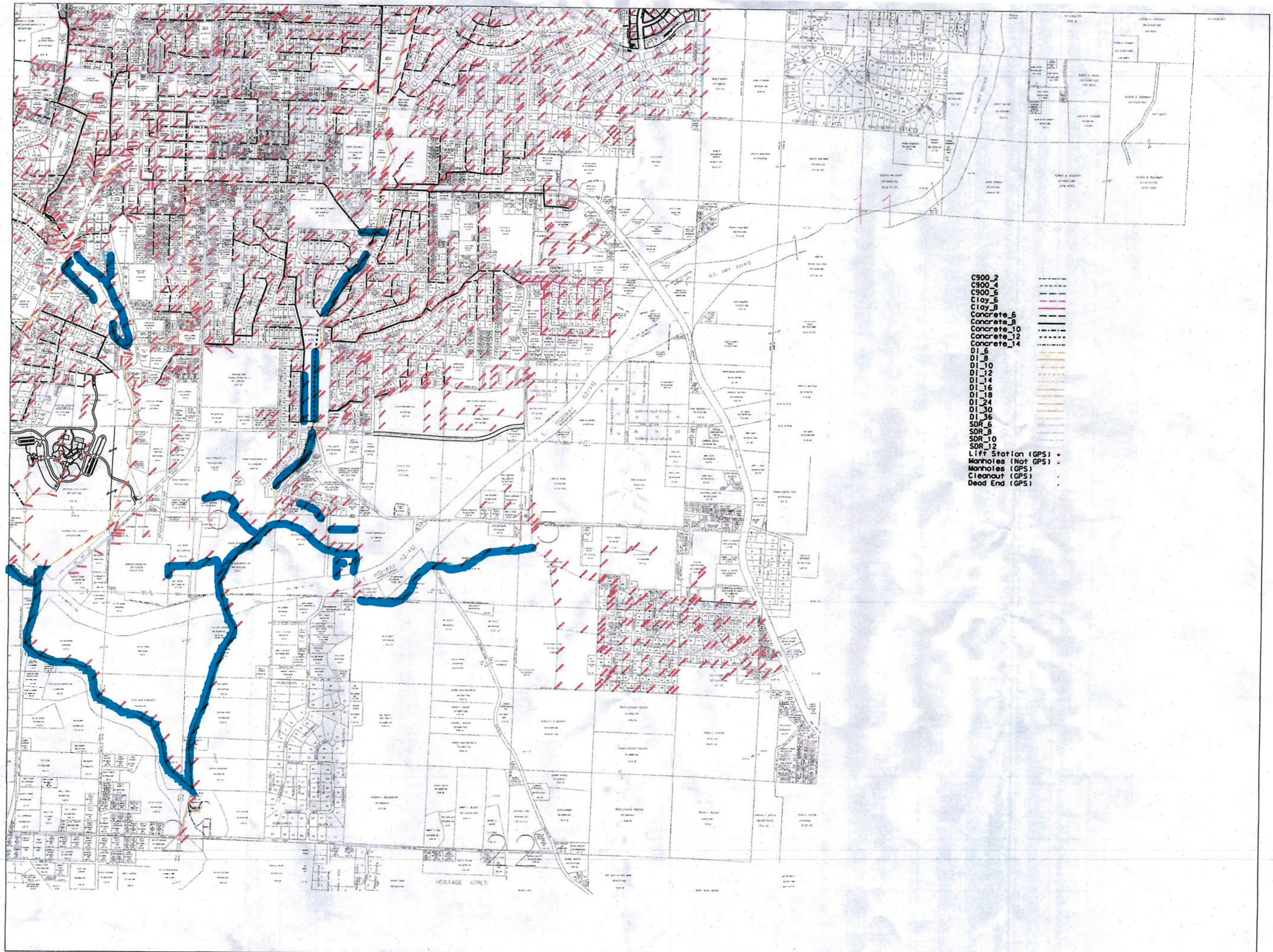
APPENDIX F
EASEMENT CLEANING RIGHT OF WAY MAPS

ESTHERMEN
CLEANING









- C900_2
- C900_4
- C900_6
- C100_6
- C100_8
- Concrete_6
- Concrete_8
- Concrete_10
- Concrete_12
- Concrete_14
- D1_6
- D1_8
- D1_10
- D1_12
- D1_14
- D1_16
- D1_18
- D1_24
- D1_30
- D1_36
- SDR_6
- SDR_8
- SDR_10
- SDR_12
- Lift Station (GPS)
- Manholes (Not GPS)
- Manholes (GPS)
- Cleanout (GPS)
- Dead End (GPS)

APPENDIX G
RANFALL RECORDS

Month/Yr August 2021

Influent

Day	Weather		Side #1	Side #2	NH ₃ -N T-N-T mg/l	BOD			PHOS		TSS		VSS	
	Precip	Type	NRRS Flow MGD	NRRS Flow MGD		MGD Flow	mg/l	lbs	mg/l	lbs	mg/l	lbs	mg/l	% VSS
1	.12	R	2.484	1.650		1.585								
2			2.442	1.926		1.612								
3			2.433	1.571		1.748								
4			2.545	1.682	22.5	1.672	183.0	2552			251	3500	227	909
5			2.521	1.663		1.722			7.46	117.0				
6	.01	R	2.533	1.644		1.655								
7			2.531	1.692		1.654								
8			2.477	1.570		1.573								
9			2.447	1.526		1.542								
10			2.425	1.522		1.682								
11			2.522	1.690	20.7	1.684	178.5	2507			289	4059	247	859
12	.01	R	2.460	1.612		1.668			7.38	140.3				
13	1.65	R	2.475	1.623		1.702								
14	.01	R	2.451	1.566		3.039								
15			2.410	1.558		1.946								
16			2.441	1.582		1.649								
17			2.426	1.771		1.771								
18	.06	R	2.476	1.664	21.9	1.799	160.5	2408			200	3001	181	919
19			2.444	1.631		1.781			7.45	130.5				
20	.07	R	2.480	1.634		1.845								
21	.05	R	2.466	1.577		1.302								
22			2.313	1.483		1.767								
23			2.581	1.555		1.754								
24			2.521	1.555		1.814								
25			2.570	1.646	21.8	1.862	168.5	2409			306	4752	269	889
26			2.556	1.646		1.893			9.24	157.2				
27	.02	R	2.557	1.630		1.823								
28			2.521	1.580		1.766								
29	.11	R	2.541	1.606		1.632								
30			2.509	1.560		1.827								
31			2.561	1.663		1.859								
Min.														
Max.														
Avg.	0.21	R	2.497	1.613	21.7	1.762	172.5	2519	7.88	136.3	262	3828	231	890
Total	2.11	R	77.409	50.004	86.9	57.638	690	10,076	31.53	545	1,046	15,312	924	

INF *
9/2

* c - clear w - windy cl - cloudy
ca - calm r - rain s - snow

lbs. = mg/l x 8.34 x flow in MGD
% removal = $\frac{\text{Influent} - \text{Effluent} \times 100}{\text{Influent}}$

% VSS = $\frac{\text{VSS} \times 100}{\text{TSS}}$

SVI = 3

F/M = 1

Month/Yr SEPTEMBER 2021

Influent

Day	Weather		Side #1	Side #2	NH ₃ -N T-N-T mg/l	BOD			PHOS		TSS		VSS	
	Precip	Type	NRRS Flow MGD	NRRS Flow MGD		MGD Flow	mg/l	lbs	mg/l	lbs	mg/l	lbs	mg/l	% VSS
1			2.600	1.561	20.7	1.070	202.5	1,807			280	2,499	253	90%
2			2.599	1.560		1.070			8.94	162.5				
3			2.574	1.545		1.060								
4	.05	R	2.580	1.548		1.062								
5	.42	R	2.600	1.510		1.070								
6			2.913	1.537		1.067								
7			2.389	1.554		1.066								
8			2.578	1.547	7.4	1.062	178.57	381			304	2,693	281	92%
9			2.658	1.709		1.563			6.72	117.7				
10			2.646	1.674		1.797								
11			2.586	1.619		1.721								
12			2.614	1.691		1.657								
13			2.601	1.651		1.667								
14			2.498	1.583		1.774								
15			2.543	1.633	23.4	1.757	166.5	2,440			260	3,810	227	87%
16			2.579	1.636		1.756			7.98	134.4				
17			2.562	1.673		1.792								
18	.02	R	2.536	1.627		1.821								
19			2.531	1.568		1.621								
20			2.531	1.558		1.650								
21	.52	R	2.201	1.507		1.736								
22			2.477	1.653	20.0	1.879	142.5	2,233			257	4,027	231	90%
23			2.428	1.666		1.692			9.15	163.3				
24			2.382	1.628		1.671								
25			2.431	1.596		1.687								
26			2.412	1.572		1.594								
27			2.442	1.567		1.632								
28			2.416	1.665		1.689								
29			2.451	1.655	23.3	1.733	159.0	2,298			299	4,322	264	88%
30	.02	R	2.489	1.676		1.754			11.20	184.0				
31														
Min.														
Max.														
Avg.	0.21	R	2.526	1.608	19.0	1.539	169.8	2,072	8.80	152.4	280	3,470	251	89%
Total	1.03	R	75.794	48.229	94.8	46.176	849	10,359	113.99	761.9	1,400	17,351	1,256	

* c - clear w - windy cl - cloudy
ca - calm r - rain s - snow

lbs. = mg/l x 8.34 x flow in MGD

% removal = $\frac{\text{Influent} - \text{Effluent}}{\text{Influent}} \times 100$

% VSS = $\frac{\text{VSS}}{\text{TSS}} \times 100$

SVI =

F/M =

Month/Yr OCTOBER 2021

Influent

Day	Weather		Side #1	Side #2	NH ₃ -N T-N-T mg/l	BOD			PHOS		TSS		VSS	
	Precip	Type	NRRS Flow MGD	NRRS Flow MGD		MGD Flow	mg/l	lbs	mg/l	lbs	mg/l	lbs	mg/l	% VSS
1			2.435	1.629		1.660								
2	.07	R	2.408	1.553		1.636								
3			2.521	1.658		1.546								
4			2.447	1.650		1.551								
5			2.483	1.681		1.672								
6	.57	R	2.518	1.781	24.0	1.704	165.0	3345			290	4121	259	899
7			2.517	1.691		2.065			795	147.9				
8			2.447	1.642		1.820								
9			2.393	1.578		1.836								
10			2.450	1.565		1.603								
11	.24	R	2.413	1.548		1.668								
12			2.387	1.541		1.795								
13			2.370	1.611	23.7	1.736	162.0	3345			258	3735	226	889
14	.53		2.460	1.703		1.782			9.62	170.1				
16	.30	R	2.447	1.710		2.182								
16			2.409	1.619		2.787								
17			2.431	1.641		1.776								
18			2.496	1.672		1.713								
19			2.430	1.678		1.752								
20			2.470	1.704	20.3	1.741	147.0	3134			202	2933	185	92
21			2.499	1.764		1.722								
22			2.519	1.738		1.703			18.40	319.2				
23	.02	R	2.510	1.684		1.715								
24	.02	R	2.455	1.664		1.658								
25			2.416	1.665		1.680								
26			2.439	1.669		1.755								
27	.73	R	2.500	1.785	19.2	1.736	120.0	1737			107	1549	98	92
28	.15	R	2.466	1.766		2.034			5.72	125.0				
29	.04	R	2.455	1.715		2.320								
30			2.404	1.641		2.017								
31			2.423	1.643		1.848								
Min.														
Max.														
Avg.	.32	R	2.452	1.665	21.8	1.813	148.5	2,140	10.42	190.6	214	3,085	192	90
Total	3.17	R	76.018	51.619	87.2	56.199	594	8,501	41.69	762.2	857	12,338	768	

* c - clear w - windy cl - cloudy
ca - calm r - rain s - snow

lbs. = mg/l x 8.34 x flow in MGD
% removal = $\frac{\text{Influent} - \text{Effluent}}{\text{Influent}} \times 100$

% VSS = $\frac{\text{VSS} \times 100}{\text{TSS}}$

SVI

F/A

APPENDIX H
CORRECTIVE ACTION PLAN CORRESPONDENCE



A R K A N S A S
Department of Environmental Quality

October 29, 2018

CERTIFIED LETTER: 9489 0090 0027 6022 2320 43

Honorable Joe Dillard, Mayor
City of Mountain Home
752 N. College Street
Mountain Home, AR 72653

email: city@cityofmountainhome.com

**RE: NPDES Permit Number: AR0021211, AFIN: 03-00039
Corrective Action Plan Request**

Dear Mayor Dillard,

A review of the NPDES file for the above mentioned facility for the period of September 1, 2015 through September 30, 2018 reveals the City of Mountain Home has reported fifty-one (51) Sanitary Sewer Overflows (SSOs) totaling over 175,425 gallons in the thirty-six (36) month review period. Sanitary Sewer Overflows are an unpermitted discharge and the Department expects the City of Mountain Home to work towards eliminating them.

The Department requests a Corrective Action Plan (CAP), developed by a Professional Engineer licensed in the state of Arkansas, detailing measures that are being taken or that will be taken to reduce SSOs. Please include the date the facility expects to be in compliance.

Additionally, the Department requests exact locations (with latitude longitude data if available) of all lift stations as well as a location description for each manhole (ex. Manhole #156-060). Your response should reach the Department by **December 14, 2018**.

Any violation of your NPDES Permit is subject to enforcement action by this Department, pursuant to the Arkansas Water and Air Pollution Control Act. The regulations and your NPDES Permit require that you take all reasonable measures necessary to eliminate or prevent the occurrence of violations.

Should you have any questions concerning the above referenced compliance issues, please feel free to contact me at 501-682-0639, or you may e-mail me at bailey.taylor@adeq.state.ar.us.

Sincerely,

Bailey Taylor
Enforcement Coordinator
Office of Water Quality

cc: Terry Sanders, Plant Manager, City of Mountain View (tsanders@cityofmountainhome.com)
Alma Clark, W&S Director, City of Mountain View (aclark@cityofmountainhome.com)



4701 Northshore Drive
North Little Rock, AR 72118

TEL 501.376.3633
FAX 501.372.8042

www.GarverUSA.com

December 11, 2018

Ms. Bailey Taylor
Enforcement Coordinator, Office of Water Quality
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Re: Mountain Home Corrective Action Plan Request
Permit #AR0021211
AFIN: 03-00039

Dear Ms. Taylor:

On behalf of the City of Mountain Home, we are submitting with this letter, the Corrective Action Plan for sanitary overflows as requested in your letter of October 29, 2018. Please note that Garver, LLC has assisted the City in the preparation of this Corrective Action Plan and is currently working on a Wastewater Treatment Plant Improvements Preliminary Engineering Report mentioned in this document. The City is responsible for and manages all of the activities associated with maintaining the collection system and wastewater treatment plant.

If you have any questions, please feel free to call me or Alma Clark at the City of Mountain Home.

Sincerely,

GARVER, LLC

Kirby B. Rowland, P.E.
Senior Project Manager

Cc: Mayor Joe Dillard, City of Mountain Home
Alma Clark, City of Mountain Home
Terry Sanders, City of Mountain Home



ARKANSAS
Department of Environmental Quality

December 27, 2018

Honorable Joe Dillard, Mayor
City of Mountain Home
752 N. College Street
Mountain Home, AR 72653

email: city@cityofmountainhome.com

**RE: NPDES Permit Number: AR0021211, AFIN: 03-00039
Corrective Action Plan Response**

Dear Mayor Dillard,

The Department received and reviewed the Corrective Action Plan (CAP), dated December 11, 2018, for the above referenced facility. The response was deemed adequate with the following stipulations:

- Please provide an inclusive milestone schedule by January 18, 2018 that includes a final date of compliance.
- Please submit a liftstation evaluation, by March 1, 2019, to determine if all twelve (12) liftstations are adequately sized and properly operating.
- Please submit quarterly reports detailing the progress the City of Mountain Home has made in achieving final compliance with permit. The first quarterly report will be due by March 1, 2019.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 501-682-0639 or you may e-mail me at bailey.taylor@adeq.state.ar.us.

Sincerely,

Bailey Taylor
Enforcement Coordinator
Office of Water Quality

cc: Terry Sanders, Plant Manager, City of Mountain Home (tsanders@cityofmountainhome.com)
Alma Clark, W&S Director, City of Mountain Home (aclark@cityofmountainhome.com)



4701 Northshore Drive
North Little Rock, AR 72118

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January 14, 2019

Ms. Bailey Taylor
Enforcement Coordinator, Office of Water Quality
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Re: Mountain Home Corrective Action Plan Request
Permit #AR0021211
AFIN: 03-00039

Dear Ms. Taylor:

In response to your letter of December 27, 2018, in which you have requested an inclusive milestone schedule for actions to be taken that includes a final date of compliance to reduce Sanitary Sewer Overflows (SSO's), we offer, on behalf of the City of Mountain Home, the following schedule:

- | | |
|--|------------------------|
| • New Vactor Truck for sewer line cleaning | June 2019 ¹ |
| • Fats, Oils, & Grease outreach program | June 2019 |
| • Clearing Right of Way | December 2020 |
| • Smoke Testing | June 2019 |

¹Actual receipt of Vactor truck is dependent on obtaining the necessary funds and the supplier's available delivery schedule.

The above noted actions are currently underway. Please note that at this time, the types of repairs, obtaining the funds necessary to construct the repairs, and the timeframe needed to complete them have not been determined. As work on the above noted actions progress, they will be itemized and scheduled for repair. This information and the progress in completing the needed repairs will be detailed in the quarterly reports as requested by ADEQ.

Based on this information, the estimated final date of compliance for reducing SSO's is December 2021.

We are currently compiling information concerning the lift stations sizing and operation for submission to ADEQ by March 1, 2019.

Ms. Bailey Taylor
January 14, 2019
Page 2 of 2

We are also in the process of compiling information for the first quarterly report to ADEQ due March 1, 2019, detailing progress towards achieving final compliance.

If you have any questions, please feel free to call me or Alma Clark at the City of Mountain Home.

Sincerely,

GARVER, LLC



Kirby B. Rowland, P.E.
Senior Project Manager

Cc: Honorable Mayor Hillrey Adams, City of Mountain Home
Alma Clark, City of Mountain Home
Terry Sanders, City of Mountain Home



4701 Northshore Drive
North Little Rock, AR 72118

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February 25, 2019

Ms. Bailey Taylor
Enforcement Coordinator, Office of Water Quality
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Re: Mountain Home Corrective Action Plan
Lift Station Evaluations Report
Permit #AR0021211
AFIN: 03-00039

Dear Ms. Taylor:

In response to your letter dated December 27, 2018, we are submitting the Mountain Home Wastewater Lift Station Evaluations Report addressing the adequacy of the lift stations sizing and operations as part of examining any needed improvements towards achieving compliance for reducing Sanitary Sewer Overflows.

If you have any questions, please feel free to call me at Garver or Alma Clark at the City of Mountain Home.

Sincerely,

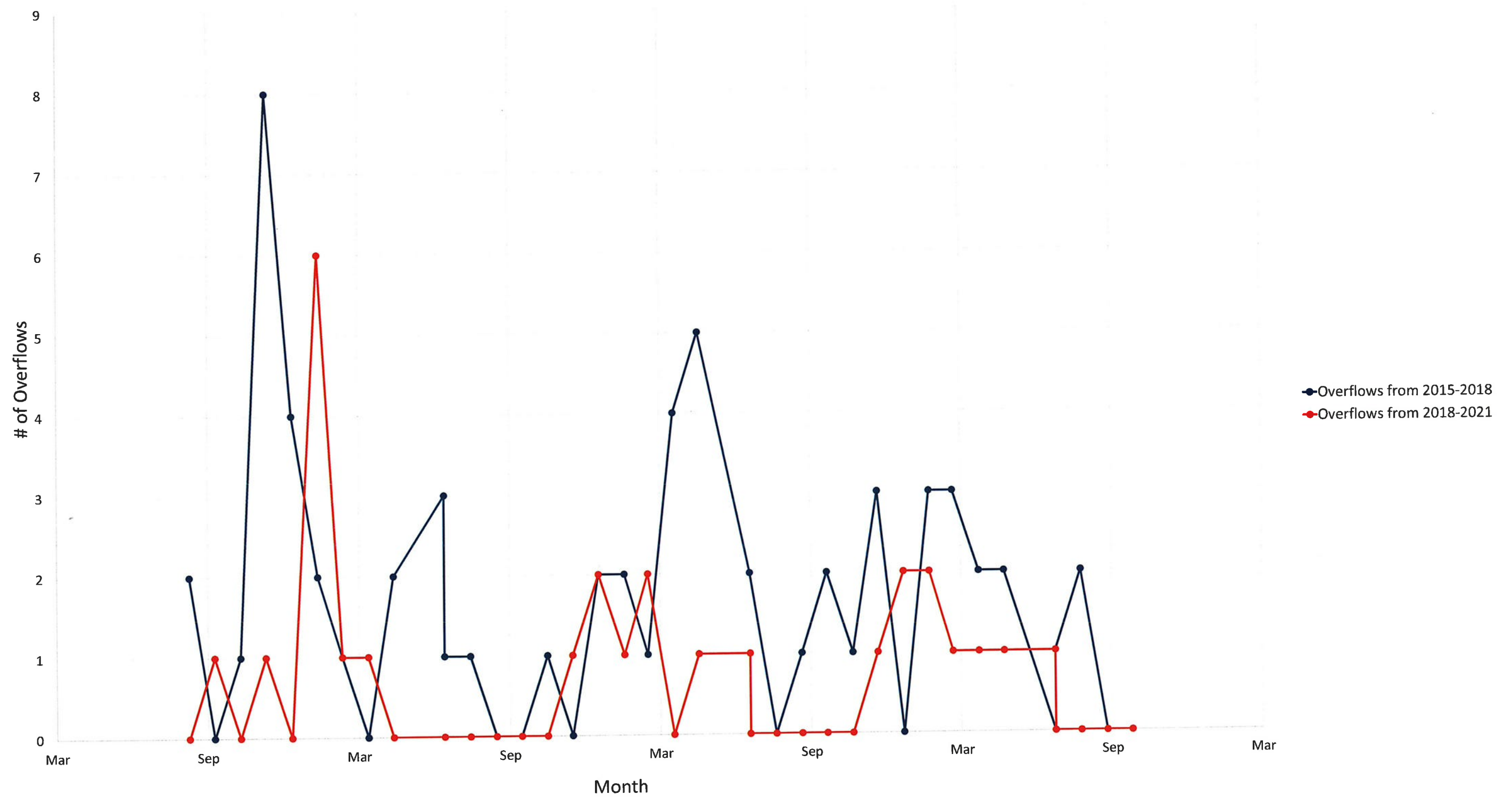
GARVER, LLC

Kirby B. Rowland, P.E.
Senior Project Manager

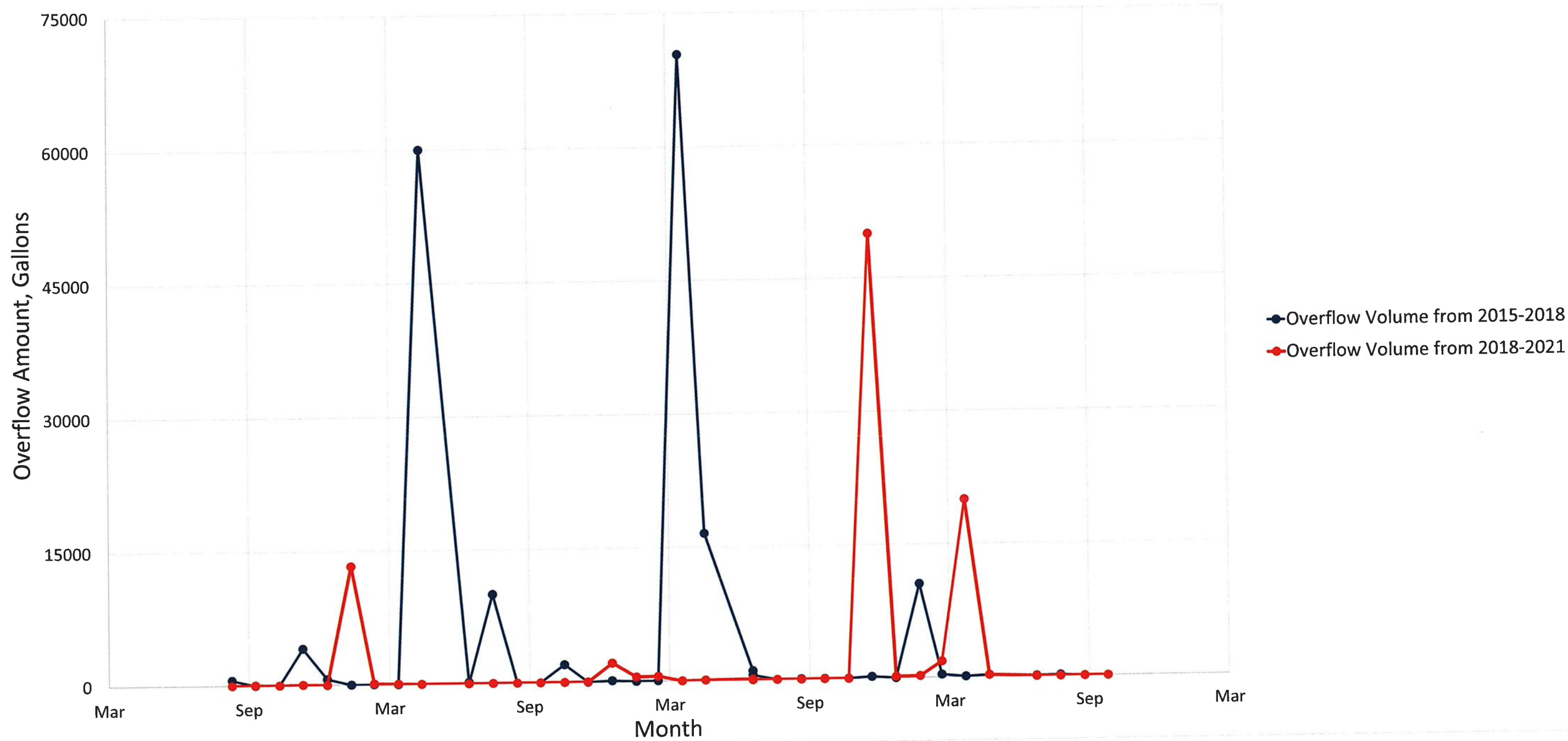
Cc: Honorable Mayor Hillrey Adams, City of Mountain Home
Alma Clark, City of Mountain Home
Terry Sanders, City of Mountain Home

APPENDIX I
OVERFLOW EVENTS AND AMOUNTS

Number of Overflows vs Month

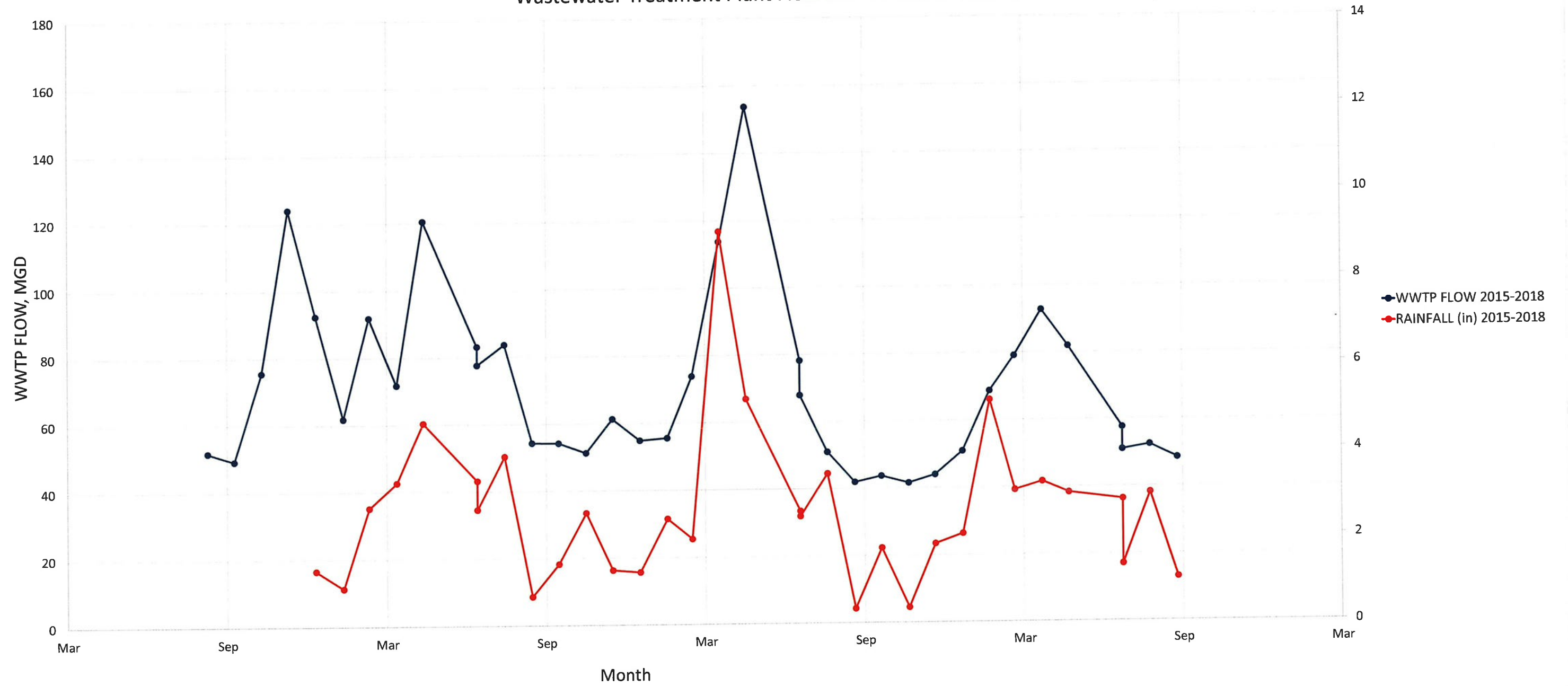


Overflow Volume (Gallons) vs Month



APPENDIX J
RAINFALL AND WWTP EFFLUENT FLOW

Wastewater Treatment Plant Flow and Rainfall vs Month



Wastewater Treatment Plant Flow and Rainfall vs Month

