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February 26, 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
Wastewater Collection System First Quarter 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 Collection System First Quarter Report addressing the continued maintenance and additional compliance efforts, as described in the Corrective Action Plan, submitted on December 18, 2018, for 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



Corrective Action Plan Mountain Home, Arkansas

WASTEWATER COLLECTION SYSTEM First Quarter Report March 1, 2019

NPDES Permit Number AR0021211
AFIN: 03-00039

Engineer's Certification

I hereby certify that this Corrective Action Plan, First Quarter Report dated March 1, 2019, was prepared by Garver under my direct supervision for the City of Mountain Home.



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



2/25/19



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1. First Quarter Report

This report covers the three-month period from November 2018 to January 2019. Because this report is due March 1, 2019, the information for February 2019 could not be compiled in time for inclusion by the March 1st deadline. Subsequent quarterly reports will also reflect the 3-month period that will end one month before the report deadline.

a. Wastewater System Maintenance

The following information describes items of equipment and work that has been done continually for some time and continues to be done concerning the wastewater collection system maintenance.

- Work Crews

- Line Cleaning – Employees John Beebe, Chris Woods

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. Recent rain events have hampered progress on this work.

- Closed Circuit Television (CCTV) – Employee Cade Seal

Because of camera problems and truck down time, CCTV camera inspections were not able to be re-started until January 2019. A new camera is on order further described below. This information is attached in APPENDIX C – CCTV CAMERA EXAMINATION RECORDS.

- Repair / Maintenance – Employees Kevin Tuberville, Keith Harrid, Garrett Bowling, Nickolas Davenport

As problems are found through the inspections and smoke testing being done, work orders are produced to get the problems fixed. These work orders are attached in APPENDIX D – SEWER REPAIR AND REPLACEMENT RECORDS. Most of the problems found are not on the City's collection system but on the private sewer lines, particularly clean out caps that are missing, and in some instances, basement sump pumps connected to the sanitary sewer.

- Lift Stations – Work Crew under the direction of Terry Sanders

Lift station maintenance beyond the normal everyday inspections is typically done in the dry months of the year. Flows are typically lower at this time and a VACTOR truck is used to pump out wet wells when needed. No pumping was done during the period of this report, but April through October 2018 reports are attached in

APPENDIX E – LIFT STATION MAINTENANCE RECORDS to show what work is typically done.

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

The City has instituted the following efforts 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

A new VACTOR truck has been placed on the agenda for City Council approval. A new CCTV Camera and flow measurement equipment (these are additional equipment not listed in the above-mentioned CAP) are also on the City Council agenda. Detailed information on these items are attached in APPENDIX F – VACTOR TRUCK / CCTV CAMERA / FLOW MEASUREMENT EQUIPMENT. The camera is expected to be received in approximately 30 days after City Council approval and the VACTOR truck approximately 120 days after City Council approval. The flow measurement equipment will consist initially of 2 devices (placed in manholes) for measuring flows and is expected to be received in approximately 30 days after City Council approval.

These items are currently on track to be in service before the June 2019 date listed in the CAP follow up letter dated January 14, 2019.

- Fats, Oils, and Grease (FOG) Program

The City currently has a FOG outreach program for residential and food service places. In APPENDIX G – FATS, OIL, AND GREASE (FOG) MANAGEMENT, there are copies of the bill inserts that went out in the February 2019 bills to residences including FOG information sheet and best management practices sheets to food services establishments and a food assessment checklist to be filled out and returned to the City to all restaurants.

These items are currently on track to be completed before the June 2019 date listed in the CAP follow up letter dated January 14, 2019.

- Clearing Right of Way

The clearing of the collection system Right of Way has begun and the work to date is shown on maps are highlighted and attached to APPENDIX H – CLEARING RIGHT OF WAY MAPS.

This item is currently on track to be completed before the June 2020 date listed in the CAP follow up letter dated January 14, 2019.

- Smoke Testing

The smoke testing of the collection system has begun and the work to date is shown on maps are highlighted and attached to APPENDIX I – SMOKE TESTING MAPS. Recent rain events have hampered progress on this work.

This item is currently on track to be completed before the June 2019 date listed in the CAP follow up letter dated January 14, 2019. However, continued rain events may cause this item to be delayed past June 2019. This will continue to be tracked.

(c) Rainfall and Overflow Events

For informational purposes, daily rainfall records are included in APPENDIX I – RAINFALL RECORDS, that were examined for any infrequent rainfall amounts that might have occurred that would influent potential overflow events.

One overflow did occur on December 17, 2018, at a manhole and is described in APPENDIX K – OVERFLOW RECORDS.

2. Report Summary

In summary, the City is currently on track in accomplishing the work they proposed in the CAP dated December 14, 2018 and the January 14, 2019 letter to the Arkansas Department of Environmental Quality (ADEQ), for attaining compliance for the reduction of sanitary sewer overflows.

The Second Quarter Report will be submitted by June 1, 2019, and will encompass the months of February, March, and April 2019.

APPENDIX A
LINE CLEANING RECORDS

Sewer Maintenance Daily Information

Date: 11/1/18 Operator: John Beebe Hours Worked: 8
 Laborer: CPAS Hours Worked: 8
 Laborer: _____ Hours Worked: _____

Location / Address: FAIRWAY EAGLE

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 4200'
 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.	125-100	125-090	0750	0805	450	WH
2.	1000 9A1	FAIRWAY	0805	0810		
3.	125-105	125-100	0810	0819	150	WH
4.	125-110	125-105	0819	0829	300	WH
5.	1000 9A1	EAGLE	0829	0829	0829	
6.	125-115	125-110	0805	0810	150	WH
7.	125-040	125-035	0810	0825	300	WH
8.	125-040	125-115	0825	0903	150	WH
9.	1000 9A1	EAGLE	0903	0910		
10.	125-210	125-200	0910	0925	350	WH
11.	125-145	125-135	0925	0936	350	WH
12.	1000 9A1	EAGLE	0936	0945		
13.	125-065	109 -235	0945	1000	200	WH
14.	125-060	125-065	1000	1010	200	WH
15.	109-155	109-165	1010	1020	250	WH
	109-005	109-003	1030	1045	200	WH
	1000 9A1	ARK	1020	1030		

Comments (problem areas or customer info).
125-115 - 125-110 POSSIBLE BRAKE IN LINE (CLEAN ROCK)
109-005 109-010 1045 1100 150 WH

202

Sewer Maintenance Daily Information

Date: 11-1-18 Operator: John Beebe Hours Worked 8
 Laborer: CHRIS Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: FAIRWAY

Portable VacConts (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.	109-020	109-015	1100	1115	100	WH
2.	109-025	109-020	1115	1145	350	WH
3.	1000 9A1	TRK FAIRWAY	1300	1315		
4.	109-030	109-025	1315	1330	200	WH
5.	109-030	109-035	1330	1335	150	WH
6.	1000 9A1	EAGLE	1335	1345		
7.	109-040	109-045	1345	1400	200	WH
8.	WORK ON TRK		1400	1500		
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).
WORK ON TOGGLE SWITCH FOR THROTTLE CONNECTIONS
GOT DAMP OPEN BOX DRY OFF INTERIOR

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 11-5-18

Operator: John Beebe

Hours Worked _____

Laborer: CHRIS

Hours Worked _____

Laborer: _____

Hours Worked _____

Location / Address: 4TH OVERLOOK CEDAR 8TH BRYANST

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 3750

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.	139-100	139-095	0730	0800	350	TRK WH
2.	139-100	139-105	0800	0830	250	TRK WH
3.	1000 9A1	4 TH	0830	0845		
4.	123-320	END	0845	0915	475	WH
5.	123-320	122-577	0915	0930	550	WH
6.	1000 9A1	SPRING SPRING	0930	0945		
7.	TALK TO LANNIE	LANNIE	0945	1000		
8.	122-325	122-305	1000	1050	400	WH
9.	122-395	122-380	1050	1115	500	WH
10.	1000 9A1	6 TH	1115	1130		
11.	138-335	138-330	1300	1330	400	WH
12.	139-340	138-139	1330	1400	375	WH
13.	1000 9A1	6 TH	1400	1415		
14.	138-310	138-290	1415	1445	500	WH
15.						

Comments (problem areas or customer info).

123-320 END POSSIBLE BREAK GOT PART OF A BELL OUT OF IT

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 11-8-18

Operator: John Beebe

Hours Worked 8

Laborer: _____

Hours Worked _____

Laborer: _____

Hours Worked _____

Location / Address: COOPER

T.V 11-8-2018
Printed out

Portable / (VacCon) (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.	140-345					
2.	POT PTS	HICKORY CRUSTAT w.	0730	1000		
3.						
4.	140-345	140-340	1000	1030	375	WH
5.	140-345	140-380	1030	1050	97	WH
6.	-TRUCK DOWN-					
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

140-345 140 380 BLOCKED AT 97' PATCH ON
ROAD NEED TV / TVED REPAIR FALL 97'

Turn this in to your foreman each morning.

Sewer Cleaning Truck Log

Sewer Maintenance Daily Information

Date: 11-6-18 Operator: John Beebe Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: DUNCAN WAVERLY 9TH RAMONA
MEADOW BROOK

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 4450
 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.	155-360	155-355	0730	0745	200	WH
2.	155-365	155-360	0745	0800	350	WH
3.	1000 9A1	DUNCAN	0800	0815		
4.	155-380	155-375	0815	0830	350	WH
5.	1000 9A1	TANGLEWOOD	0830	0845		
6.	139-510	155 140-385	0845	0930	600	WH
7.	139-510	155-396	0930	0945	300	WH
8.	1000 9A1	TANGLEWOOD	0945	1000		
9.	139-495	139-510	1000	1045	600	WH
10.	1000 9A1	62	1045	1100		
11.	155-210	155-211	1100	1130	350	WH
12.	155-215	155-260	1200	1230	400	WH
13.	1000 9A1	MAPLE	1230	1245		
14.	154-280	154-275	1245	1315	400	WH
15.	170-135	154-280	1315	1345	600	WH

1000 9A1 MAPLE 1345 1400
 Dig up SHADOW OAKS 1400 1500
 Comments (problem areas or customer info)
139-437 137-440 1500 1530 300 WH S
CALLED IN FOR SLOW DRAIN SHOT LINE NOTHING

Sewer Cleaning Truck Log

Sewer Maintenance Daily Information

Date: 11-7-18 Operator: John Beebe Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: MEADOWBROOK 12^{TR} 13^{TR} COACHMAN

Portable / VacCon (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.	go DUMP		0730	0815		
2.	CLEAN PTS		0815	1030		
3.	170-125	170-135	1030	1115	600	WH
4.	154-140	154-130	1115	1145	400	WH
5.	154-105	154-142	1230	1300	600	WH
6.	1000 GAL	MAPLE	1315	1330		
7.	NO# 12 ^{TR} ST	154-105	1330	1345	200	WH
8.	NO# 12 ^{TR} ST	NO# MAIN TRUNK	1345	1415	600	WH
9.	1000 GAL	12 ^{TR}	1415	1430		
10.	152-285	152-287	1430	1445	150	WH
11.	152-285	152-280	1445	1500	350	WH
12.	1000 GAL	PLANTATION	1500	1515		
13.						
14.						
15.						

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 12 18 18 Operator: John Beebe Hours Worked 8
 Laborer: CHRIS Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: TIMBERLINE W 6th HARGRAVE
REDBUD

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 0
 Feet of sewer line cleaned due to stop-ups: 475
 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 # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Dig up	TIMBERLINE	0700	1000		
2.	CLEAN + LINE OVERFLOW	HARGRAVE + W 6 th	1000	1200	1000	
3.	CLEAN PTS		1200	1500		
4.	122-390	123-155	1500	1530	475	quad HEAD
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).
will go BACK TO 122-390 - 123-155 AND RTC

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1 2 19

Operator: John Beebe
 Laborer: CHRIS
 Laborer: _____

Hours Worked 5
 Hours Worked 8
 Hours Worked _____

Location / Address: CIRCLE

Portable / VacCon (circle) _____

Feet of sewer line cleaned regular maintenance: 200

Feet of sewer line cleaned due to stop-ups: 280

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.	1000 GAL	ARK	0700	0730		
2.	CLEAN PTS		0730	0900		
3.	137-155	137-145	0900	0930	280	N (S)
4.	TALK TO LONNIE ABOUT IT		0930	1030		
5.	1000 GAL	62	1030	1045		
6.	139-002	139-001	1045	1130	200	N
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

137-155 TO 137-145 BELIEVE WE BROKE CLOG
GOT BACK LARGE ROCKS LINE IS BROKEN
NEED TV

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-7-19

Operator: John Beebe
 Laborer: CHRIS
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: PORTER EST. RED OAK OAK CIRCLE SPRING CEDAR

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 1650
 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.	LOOK AT LINES		0700	0800		
2.	1000 9A1	62	0800	0815		
3.	124-910	108-235	0815	0830	200	WH
4.	DIG UP RED OAK		0830	0945		
5.	1000 9A1	ARK	0945	1000		
6.	123-395	123-405	1000	1100	450	WM
7.	1000 9A1	ARK	1230	1245		
8.	137-155	137-145	1245	1330	300	N
9.	122-310	122-325	1330	1400	350	N
10.	1000 9A1	REDBUD	1400	1415		
11.	122-325	122-310	1415	1445	350	N
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

LOOK AT LINES THAT GOT CALLED IN WHILE I WAS GONE

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-8-19 Operator: John Beebe Hours Worked 8
 Laborer: CHRIS Hours Worked 8
 Laborer: CADE Hours Worked 8

Location / Address: GENTRY OHIO ILLINOIS KENTWOOD

Portable / (VacCon) (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.	GET EQUIP TOGETHER		0700	0800		
2.	1000 GAL	62	0800	0815		
3.	106-060	106-129	0815	0830	350	RTC
4.	106-060	106-083	0830	0900	500	WH
5.	1000 GAL	62	0900	0915		
6.	104-070	104-063	0915	0945	500	WH
7.	1000 GAL	OHIO	0945	1000		
8.	104-055	104-050	1000	1015	300	WH
9.	104-055	104-070	1015	1030	250	WH
10.	1000 GAL	ILLINOIS	1030	1045		
11.	104-050	104-040	1045	1100	500	WH
12.	1000 GAL	ILLINOIS	1100	1115		
13.	104-110	104-080	1115	1120	100	WH
14.	104-110	104-105	1120	1130	100	WH
15.	104-110	104-140	1130	1145	350	WH
	GET TIRES PLUMBIES		1230	1330		
	1000 GAL ARK		1345	1400		
Comments (problem areas or customer info).	104-035	104-037	1400	1415	150	W
	104-040	104-035	1415	1430	200	N
	104-155	104-157	1430	1445	250	N

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-9-19

Operator: Chas Woods Hours Worked _____
 Laborer: John Beebe Hours Worked _____
 Laborer: Keith Harris Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: ashion

Portable / VacCon (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.	Dig up	new ten	12:00	1:30		
2.	loc. service	w wate	1:30	2:30		
3.	119-065	119-060	2:30	3:00	130	N
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: 1-9-19

Operator: Chris Woods
 Laborer: ~~John Beebe~~
 Laborer: Keith Harris
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: 6250 W. Dr. Washington Dr.

Portable / VacCon (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.	121-005	121-004	7	815	120	n
2.	121-010	121-005	815	830	150	n
3.	121-015	121-010	830	839	450	n
4.	121-020	121-015	839	845	120	n
5.	121-025	121-020	915	930	150	n
6.	120-190	120-195	930	945	320	n
7.	121-030	120-190	945	1000	400	n
8.	121-035	121-030	1015	1030	400	n
9.	121-040	121-035	1030	1045	250	n
10.	121-045	121-040	1045	1100	150	n
11.	121-045	121-025	1045	1100	300	n
12.	121-045	121-041	1045	1100	400	n
13.	121-100	121-085	1100	1130	330	n
14.	119-0055	119-045	1130	1200	300	n
15.	119-060	119-045	1130	1200	300 500	n

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-10-19

Operator: John Beebe

Hours Worked 8

Laborer: CHRIS

Hours Worked 8

Laborer: ~~CHRIS~~

Hours Worked _____

Location / Address: WADE KINGSWOOD WAY M^cCLURE
MONROE

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 1850

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.	CK TRUCK		0700	0730		
2.	Dig up WADE		0730	0930		
3.	1000 gal	1st	0730	0745		
4.	1000 gal	2ND	0930	0945		
5.	139 - 180	123 - 425	0945	1000	400	WH
6.	139 - 180	140 0 15	1000	1015	500	WH
7.	1000 gal	1st	-	-		
8.	139 - 170	139 - 180	1015	1030	300	WH
9.	139 - 170	139 - END	1030	1045	100	WH
10.	1000 gal	M ^c CLURE	1045	1100		
11.	155 - 345	155 - 410	1100	1115	250	WH ST
12.	155 - 345	155 - 350	1115	1130	300	ST
13.	1000 gal	ARK	1300	1310		
14.	CLEAN MONROE P/S		1310	1400		
15.	REPAIR 100 gal	WATER TANK	1400	1500		

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-11-19

Operator: John Beebe
 Laborer: Chris
 Laborer: _____

Hours Worked 5
 Hours Worked 8
 Hours Worked _____

Location / Address: _____

Portable / VacCon (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.	RAIN WORK	ON TRK 35	0700	1200		
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: 1st 14 - 19

Operator: John Beebe
 Laborer: CHRIS
 Laborer: _____

Hours Worked 8
~~Hours Worked~~ 3.5
 Hours Worked _____

Location / Address: TIP TON LOOP

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 250
 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.	SET UP RTC	FOR 16"	0700	0730		
2.	1000 GAL	2ND	0730	0745		
3.	155-035	155-040	0745	0900	250	RTR
4.	1000 GAL	6 TH	0900	0915		
5.	CLEAN RT		0915	1200		
6.	TRK DOWNS BROKEN HYDROLIC LINES				1200 - 1600	
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info):
CHRIS LEFT AT 0934

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-15-19 Operator: John Beebe Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: LONG CROSS 412ND MEADOW BROOK
WADE

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 1318
 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 PTS	A SEWER PT	0700	0730		
2.	Dig up LONG ST	LUKE	0730	0800		
3.	Dig up CROSS ST	RANDAL	0800	1045		
4.	1000 GAL	NELSON	1045	1100		
5.	121-265	121-270	1100	1145	218'	N <u>(S)</u>
6.	1000 GAL	BENTON	1145	1200		
7.	MEET PLUMBER	236 42ND	1200	1300		
8.	170-125	170-135	1300	1400	600	ST
9.	1000 GAL	130R	1400	1415		
10.	170-025	170 154-200	1415	1445	500	ST
11.	1000 GAL	PAUL	1445	1500		
12.						
13.						
14.						
15.						

RAN TWICE
HEAVY MA

Comments (problem areas or customer info).
121-265 TO 121-270 236 STOPPED UP SHOT 218' COULD
NOT GO FARTHER CHECKED CITY C/O WAS CLEAR

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-16-19 Operator: John Beebe Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: WIND BROOK RIDGEMONT WAY RIDGEMONT

Portable / (VacCon) (circle)

Feet of sewer line cleaned regular maintenance: 3050
 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.	123-065	123-420	0700	0815	400	WH (S)
2.	1000 9A1	WIND BROOK	0815	0830		
3.	120-073	120-050	0830	0900	230	WH
4.	120-075	120-073	0900	0915	120	WH
5.	120-085	120-075	0915	0930	300	WH
6.	120-085	120-095	0930	1000	400	WH
7.	120-100	120-085	1005	1030	250	WH
8.	1000 9A1	RIDGEMONT	1000	1015		
9.	120-105	120-100	1015	1030	200	WH
10.	120-105	120-110	1030	1100	300	WH
11.	120-180	120-105	1100	1130	300	WH
12.	1000 9A1	ARIC	1130	1145		
13.	Pig up	w/wade	1200	1230		
14.	120-015	120-010	1230	1300	250	WH
15.	1000 9A1	BROADMOORE	1300	1315	300	SEE COM
	120-020	120-015	1315	1430	300	WH
	1000 9A1	BROADMOORE	1430	1445		

Comments (problem areas or customer info).

120-020 TO 120-015 LINE POSSIBLE BRAKE AT 45'
FROM 120-020 2ND PASS UP LINE COULD
NOT GET PAST 45' NEED TV

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1 ¹⁷~~15~~ 19 Operator: John Beebe Hours Worked 8
 Laborer: _____ Hours Worked _____
 Laborer: _____ Hours Worked _____

Location / Address: MEADOWBROOK CAPITOL BROADMOOR CR.
POWERS

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 3700
 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.	154 - 345	155 046	0700	0800	600	WH
2.	1000 9A1	RIDGE MONT	0800	0815		
3.	120 - 020	120 - 030	0815	0900	250	WH
4.	120 - 045	120 - 020	0900	0945	500	WH
5.	120 - 045	120 - 047	0945	1000	200	WH
6.	120 - 055	120 - 045	1000	1030	200	WH
7.	1000 9A	RIDGE MONT	1030	1045		
8.	120 - 115	120 - 055	1045	1115	250	WH
9.	120 - 120	120 - 115	1115	1145	350	WH
10.	1000 9A1	RIDGE MONT	1230	1245		
11.	120 - 161	120 - 120	1245	1315	350	WH
12.	120 - 165	120 - 161	1315	1345	600	WH
13.	120 - 170	120 - 180	1345	1415	250	WH
14.	120 - 170	120 - 165	1415	1430	150	WH
15.	1000 9A1	RIDGE MONT	1430	1445		

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1 24 19 Operator: John Beebe Hours Worked 8
 Laborer: CHRIS Hours Worked 8
 Laborer: _____ Hours Worked _____

Location / Address: M^cLOURE JRD HICKERY

Portable / VacCon (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.	1000 9A1	REDBUD	0930	0945		
2.	155-400	155 395	0945	01015	200	WH
3.	BLOCK TRAFFIC FOR CADE		1015	1140	M ^c LOURE	
4.	1000 9A1	62	1300	1315		
5.	137-005	END	1315	1345	250	WH
6.	137-195	137-190	1345	1415	400	WH
7.	1000 9A1	HICKERY	1415	1430		
8.	137-200	137-210	1430	1445	500	WH
9.	137-200	137-195	1445	1500	250	WH
10.	1000 9A1	BENTON	1500	1515		
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

WEATHER TOO COLD TO RUN BEFORE 0900
VACTOR DEMO 0700-0730

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-28-18

Operator: John Beebe

Hours Worked 8

Laborer: CHRIS

Hours Worked 8

Laborer: _____

Hours Worked _____

Location / Address: FERN BRYANT ALICE

Portable / VacCon (circle)

Feet of sewer line cleaned regular maintenance: 3200

Feet of sewer line cleaned due to stop-ups: 8

Number of stop-ups: 8

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		0700	0730		
2.	CLEAN P/S		0730	1000		
3.	1000 GAL	ARK	1000	1015		
4.	154-214	154-213	1015	1030	200	WH
5.	154-215	154-214	1030	1045	150	WH
6.	154-215	154-210	1045	1100	300	WH
7.	1000 GAL	ALICE	1100	1115		
8.	154-303	154-215	1115	1130	450	WH
9.	1000 GAL	MAPLE	1230	1245		
10.	154-305	END	1245	1300	400	WH
11.	154-305	154-303	1300	1330	400	WH
12.	1000 GAL	ALICE	1330	1345		
13.	154-285	END	1345	1400	150	WH
14.	154-295	154-285	1400	1415	400	WH
15.	1000 GAL	ALICE	1415	1430		
	154-300	154-295	1430	1445	350	WH
	154-300	154-305	1445	1500	500	WH
Comments (problem areas or customer info).						
	1000 GAL	ALICE	1500	1515		

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-30-19

Operator: John Beebe

Hours Worked 8

Laborer: CHRIS

Hours Worked 8

Laborer: _____

Hours Worked _____

Location / Address: LARK BRYANT KIRBY

Portable / (VacCon) (circle)

Feet of sewer line cleaned regular maintenance: 3100

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>Too Cold</u>	<u>18°</u>	<u>0700</u>	<u>1100</u>		
2.	<u>154-225</u>	<u>154-220</u>	<u>1100</u>	<u>1115</u>	<u>350</u>	<u>WH</u>
3.	<u>154-225</u>	<u>154-222</u>	<u>1115</u>	<u>1130</u>	<u>350</u>	<u>WH</u>
4.	<u>154-240</u>	<u>154-225</u>	<u>1130</u>	<u>1145</u>	<u>500</u>	<u>WH</u>
5.	<u>1500 GAL</u>	<u>MAPLE</u>	<u>1230</u>	<u>1245</u>		
6.	<u>154-250</u>	<u>154-240</u>	<u>1245</u>	<u>1300</u>	<u>300</u>	<u>WH</u>
7.	<u>154-250</u>	<u>154-300</u>	<u>1300</u>	<u>1315</u>	<u>300</u>	<u>WH</u>
8.	<u>KIRBY LINE</u>	<u>NOT ON MAP</u>	<u>1315</u>	<u>1330</u>	<u>300</u>	<u>WH</u>
9.	<u>1000 GAL</u>	<u>MAPLE</u>	<u>1330</u>	<u>1345</u>		
10.	<u>NO # MH</u>	<u>154-250</u>	<u>1345</u>	<u>1400</u>	<u>100</u>	<u>WH</u>
11.	<u>NO # MH up Kirby</u>	<u>NOT ON MAP</u>	<u>1400</u>	<u>1415</u>	<u>300</u>	<u>WH</u>
12.	<u>154-255</u>	<u>NO # MH</u>	<u>1415</u>	<u>1430</u>	<u>100</u>	<u>WH</u>
13.	<u>154-255</u>	<u>END</u>	<u>1430</u>	<u>1445</u>	<u>300</u>	<u>WH</u>
14.	<u>154-260</u>	<u>154-255</u>	<u>1445</u>	<u>1500</u>	<u>200</u>	<u>WH</u>
15.	<u>1000 GAL</u>	<u>MAPLE</u>	<u>1500</u>	<u>1515</u>		

Comments (problem areas or customer info).

Turn this in to your foreman each morning.

Sewer Maintenance Daily Information

Date: 1-31-19

Operator: John Beebe
 Laborer: CHRIS
 Laborer: _____

Hours Worked 8
 Hours Worked 8
 Hours Worked _____

Location / Address: MEADOWBROOK LEONARD

Portable / (VacCon) (circle)

Feet of sewer line cleaned regular maintenance: 1800

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).

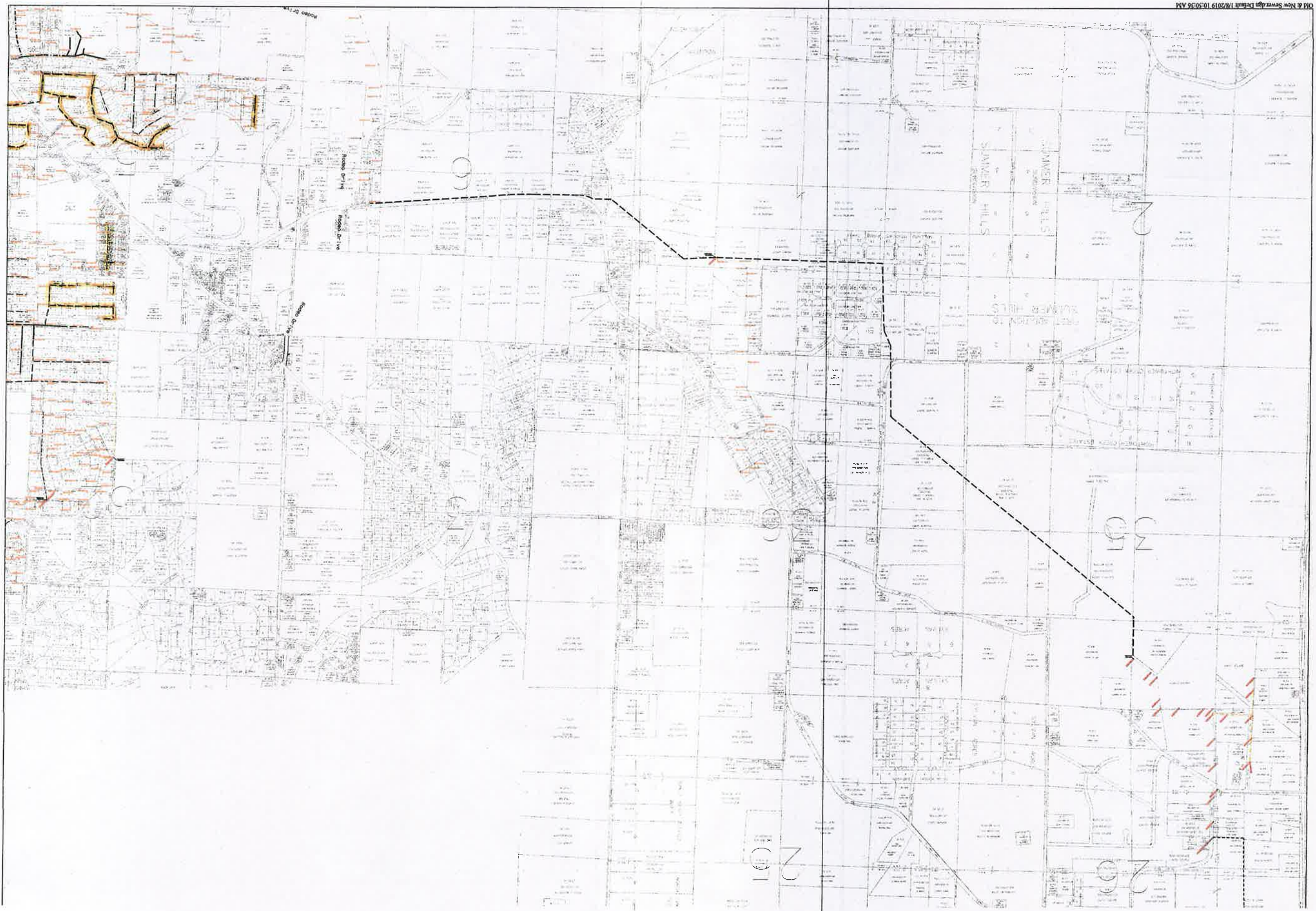
	MH # From	MH # To	Time Started	Time Ended	Footage	* Device
1.	Too cold	14 ^o	0700	1230		
2.	154-365	154-360	1230	1315	350	WH ^{SEE} COMM
3.	154- 270	154-260	1315	1330	500	WH
4.	154-270	154-355	1330	1345	250	WH
5.	1000 9A1	MAPLE	1345	1400		
6.	154-275	154-365	1400	1415	300	WH
7.	154-275	154-270	1415	1430	400	WH
8.	1000 9A1	13 th	1430	1445		
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Comments (problem areas or customer info).

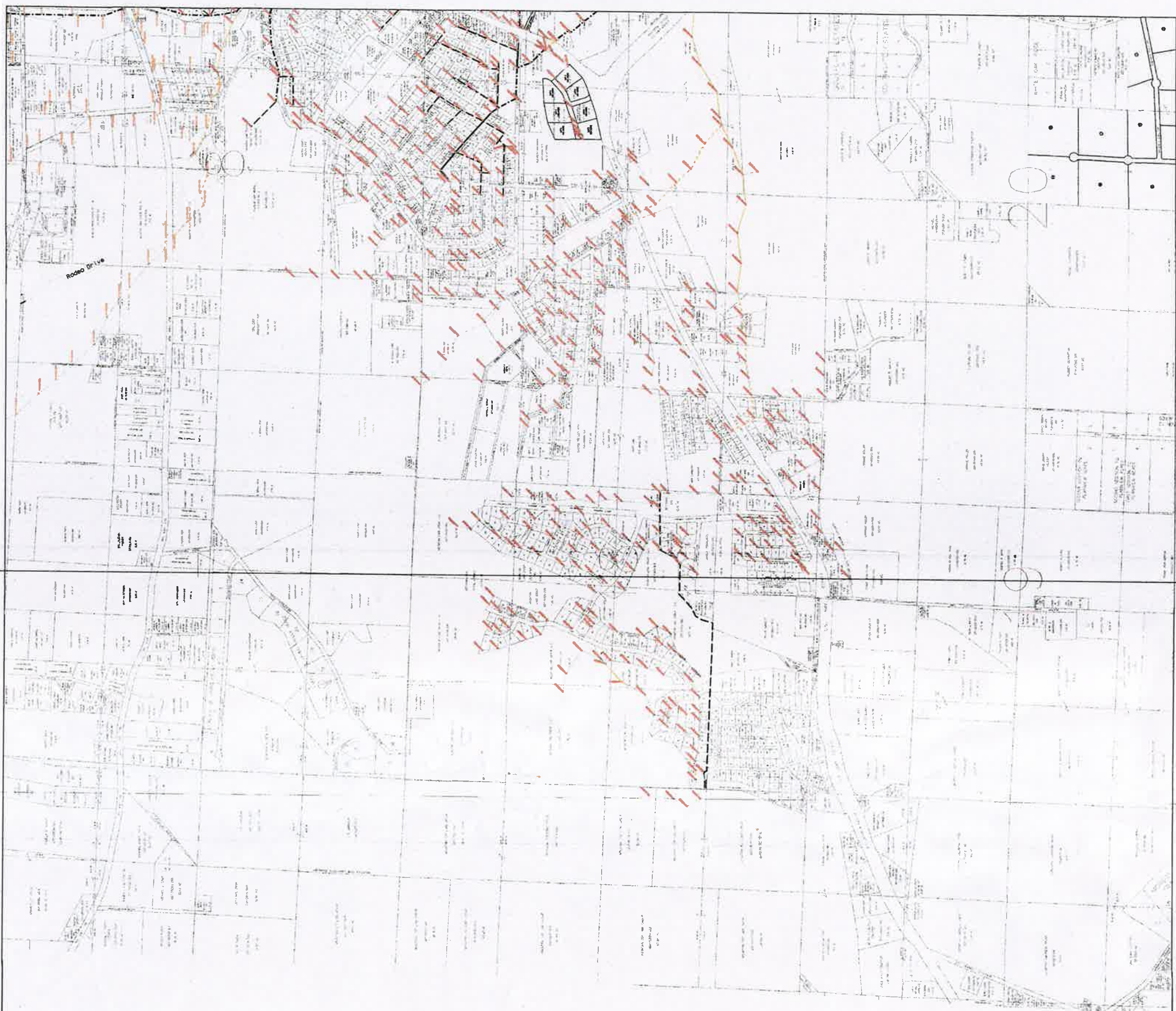
154-365 TO 154-360 GOT BACK MUD + CLEAN ROCKS
MAY NEED TVED FOR BROKEN LINE

Turn this in to your foreman each morning.

APPENDIX B
LINE CLEANING MAPS









- CS900_2
- CS900_4
- CS900_5
- Clay_5
- Clay_8
- Concrete_5
- Concrete_10
- Concrete_12
- Concrete_14
- D1_5
- D1_8
- D1_10
- D1_12
- D1_14
- D1_16
- D1_18
- D1_24
- D1_30
- D1_36
- SDR_5
- SDR_8
- SDR_10
- SDR_12
- Life Section (GPS)
- Manholes (Not GPS)
- Manholes (GPS)
- Cleanout (GPS)
- Dead End (GPS)

APPENDIX C
CCTV CAMERA EXAMINATION RECORDS

TV VAN E333 DAILY Date: 11-29-18 Time in: 7:00 Time out: 3:30

Time:	MH From:	MH To:	Feet:
7:00 - 8:00	Change wheel set up on camera		
8:00 - 9:30	137-115	137-120	121'
9:30 - 10:00	Get fuel in van		
10:00 - 10:15	Break		
10:15 - 11:00	137-097	137-110	12'
11:00 - 12:30	137-097	137-096	162'
12:30 - 1:00	Lunch		
1:00 - 2:00	Help BB over on Buttercup		
2:00 - 2:15	Break		
2:15 - 3:00	Print out map for tomorrow		
3:00 - 3:30	Print out & Burn DVD		

Break & Lunch

10:00 - 10:15	12:30 - 1:00	2:00 - 2:15
Comments/Observations		

- * MH 137-115 to MH 137-120 → Marked out across 178 for ~~3~~ Dewey so he knows how its laid out.
- * MH 137-097 to MH 137-110 → Needs root cut, pulled big root ball out of MH and only made it 12 feet ran into root ball with grease.
- * MH 137-097 to MH 137-096 → Needs root cut back
- Told BB about these line and he went over and root cut, Went over to show & help him & Chris.
- Map says they are 10" line but they are 8"

TV VAN E333 DAILY Date: 1-10-2019 Time in: 7:00 Time out: 3:30

Time:	MH From:	MH To:	Feet:
7:00 - 8:00	Print map + unbolt mh lid		
8:00 - 9:00	155-020	155-025	220
9:00 - 10:50	155-025	155-030	242
10:50 - 11:05	Break		
11:05 - 12:00	Check out next two mh		
12:00 - 12:30	Lunch		
12:30 - 2:00	155-035	155-030	249
2:00 - 2:35	155-035	155-040	90'
2:35 - 3:30	Paper work		

Break & Lunch

10:50 - 11:05	12:00 - 12:30	—
Comments/Observations		

MH 155-035 to MH 155-040 needs root cut. Made 90' big root ball, can't tell if its a service or not.

APPENDIX D
SEWER REPAIR AND REPLACEMENT RECORDS

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Summary

Date : 12/28/2018 3:41:19 PM

User Name : alma

Main Repairs + Replacements

Work Order #	Account Number	Name	Cost				Total	Start Date	Completion Date	Status
			Stock	Labor	Equipment	Misc.				
143048			185.04	4,439.51	6,768.00	0.00	11,392.55	1/31/2018	2/12/2018	Closed
143157			4,289.73	4,064.00	7,280.00	174.05	15,807.78	2/6/2018	2/28/2018	Closed
143427			173.11	0.00	0.00	0.00	173.11	2/22/2018	5/22/2018	Closed
143430			2,509.93	1,763.84	3,128.00	0.00	7,401.77	2/22/2018	3/20/2018	Closed
143431			115.00	494.64	740.00	0.00	1,349.64	2/22/2018	2/28/2018	Closed
143432			163.39	519.84	740.00	0.00	1,423.23	2/22/2018	8/20/2018	Closed
143433			0.00	494.64	552.00	0.00	1,046.64	2/22/2018	4/19/2018	Closed
143742			11,965.66	4,637.28	8,244.00	633.97	25,480.91	3/5/2018	3/30/2018	Closed
143765			446.52	2,344.06	2,691.50	0.00	5,482.08	3/5/2018	8/1/2018	Closed
143776	76000550	KELLER FIELD BALL PARK	150.81	34.99	14.00	0.00	199.80	3/5/2018	3/7/2018	Closed
144300	00004770	WAYNE OR SHIRLEY HILL	463.74	813.64	1,202.50	0.00	2,479.88	3/26/2018	4/10/2018	Closed
144458			760.07	4,652.13	6,832.00	0.00	12,244.20	4/2/2018	4/30/2018	Closed
144491			593.28	3,546.71	4,020.50	6,894.34	15,054.83	4/3/2018	4/30/2018	Closed
144493			210.91	1,532.36	2,360.00	0.00	4,103.27	4/3/2018	5/3/2018	Closed
145111			0.00	839.36	852.00	106.61	1,797.97	4/27/2018	6/4/2018	Closed
145132			92.41	1,182.24	1,188.00	456.23	2,918.88	5/1/2018	5/31/2018	Closed
145133			20,532.10	6,899.37	9,444.00	1,471.25	38,346.72	5/1/2018	5/31/2018	Closed
145311			121.94	25.08	14.00	0.00	161.02	5/8/2018	5/8/2018	Closed
145312			121.94	25.08	14.00	0.00	161.02	5/8/2018	5/8/2018	Closed
145502			18.59	52.64	14.00	0.00	85.23	5/15/2018	5/15/2018	Closed
145514			110.16	530.80	852.50	0.00	1,493.46	5/15/2018	5/16/2018	Closed
145900	00012096	FERN BOONE	170.97	1,054.56	1,292.00	0.00	2,517.53	5/30/2018	7/25/2018	Closed
145902	00016912	SHAWN PERRY	1,411.33	1,694.48	2,217.00	0.00	5,322.81	5/30/2018	8/6/2018	Closed
145904	19012600	MARIANNE VEST	254.57	638.64	740.00	0.00	1,633.21	5/30/2018	8/7/2018	Closed
145905			102.28	527.28	740.00	0.00	1,369.56	5/30/2018	7/31/2018	Closed
145906	00014611	PAULA ROBINS	1,112.72	1,561.38	2,035.00	0.00	4,709.10	5/30/2018	7/20/2018	Closed
146026			103.63	862.72	444.00	3,852.95	5,263.30	6/4/2018	6/29/2018	Closed
146184			0.00	0.00	0.00	904.08	904.08	6/6/2018	6/29/2018	Closed
146552			49.91	98.30	68.00	0.00	216.21	6/20/2018	7/16/2018	Closed
147142			0.00	7,617.93	14,212.50	46.57	21,877.00	7/9/2018	7/31/2018	Closed
147242			172.32	732.37	580.00	64.30	1,548.99	7/13/2018	10/3/2018	Closed
147243			70.53	0.00	0.00	0.00	70.53	7/13/2018	8/20/2018	Closed
147637			0.00	65.91	0.00	0.00	65.91	7/30/2018	10/3/2018	Closed

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Summary

Date : 12/28/2018 3:41:19 PM

User Name : alma

Work Order #	Account Number	Name	Cost				Total	Start Date	Completion Date	Status
			Stock	Labor	Equipment	Misc.				
147734			0.00	10,504.37	25,168.00	0.00	35,672.37	8/1/2018	8/31/2018	Closed
147910			0.00	0.00	0.00	1,892.33	1,892.33	8/8/2018	8/31/2018	Closed
148050	22022800	PAUL JONES	102.99	725.01	1,017.50	0.00	1,845.50	8/13/2018	9/18/2018	Closed
148052	46013000	DONNA SHAVER	110.54	1,054.56	1,320.00	0.00	2,485.10	8/13/2018	9/12/2018	Closed
148053	64009900	JOHNNY BEARD	1,222.90	1,615.89	2,309.50	0.00	5,148.29	8/13/2018	8/30/2018	Closed
148055	00004770	WAYNE OR SHIRLEY HILL	0.00	65.91	69.00	0.00	134.91	8/13/2018	9/12/2018	Closed
148206	00014296	AMERICAN STITCHCO INC.	0.00	21.53	23.50	0.00	45.03	8/21/2018	8/24/2018	Closed
148664			0.00	6,714.71	15,996.00	0.00	22,710.71	9/12/2018	9/28/2018	Closed
148873			0.00	65.91	14.00	0.00	79.91	9/19/2018	9/27/2018	Closed
148881	00005655	BETTY POOL WHALEN	0.00	8.87	15.50	0.00	24.37	9/19/2018	9/21/2018	Closed
148882	07010100	MATT BUEL	247.49	725.01	947.00	0.00	1,919.50	9/19/2018	10/3/2018	Closed
148965	00006760	JEFF OR MELANIE MAGNESS	222.22	110.96	68.00	0.00	401.18	9/24/2018	9/27/2018	Closed
148971	00004848	NICK OR LEAH COLEMAN	0.00	32.95	17.00	0.00	49.95	9/24/2018	9/27/2018	Closed
148995			0.00	0.00	0.00	0.00	0.00	9/26/2018	12/27/2018	Closed
149018	00006242	BIG CREEK GOLF & COUNTRY CLUB	121.50	0.00	0.00	0.00	121.50	9/26/2018	10/3/2018	Closed
149124			0.00	329.55	287.50	0.00	617.05	10/2/2018	10/3/2018	Closed
149150			116.90	501.12	740.00	0.00	1,358.02	10/2/2018	10/19/2018	Closed
149151	00016950	DAVID JENSEN	125.45	527.28	740.00	0.00	1,392.73	10/2/2018	11/29/2018	Closed
149154	00007828	CHAD CLEMENTS	132.01	527.28	740.00	0.00	1,399.29	10/2/2018	11/30/2018	Closed
149181			0.00	8,080.59	12,452.00	16.48	20,549.07	10/3/2018	10/31/2018	Closed
149594			651.85	1,444.32	1,096.00	0.00	3,192.17	10/24/2018	11/1/2018	Closed
150015	00014006	IMPERIAL INC	88.65	744.43	572.00	0.00	1,405.08	11/13/2018	11/14/2018	Closed
150044			0.00	2,223.95	5,652.00	32.96	7,908.91	11/13/2018	11/30/2018	Closed
150479			130.65	591.12	460.00	0.00	1,181.77	11/28/2018	11/28/2018	Closed
150521			229.36	527.28	740.00	0.00	1,496.64	11/29/2018	12/7/2018	Closed
150563			0.00	422.72	980.00	0.00	1,402.72	12/3/2018	12/3/2018	Closed
150661			0.00	0.00	0.00	659.61	659.61	12/7/2018	12/7/2018	Closed
Total			49,975.10	91,311.10	150,704.00	17,205.73	309,195.93			

Total number of work orders listed

: 60

CITY OF MOUNTAIN HOME WATER DEPARTMENT

Work Order Report

Detail

Date : 2/25/2019 12:09:01 PM
 User Name : alma

Work Order	: 151066		SMOKE TEST SEWER MAIN REPAIR	Account Number	:
Start Date	: 1/3/2019	BRENTWOOD DR	Job Code	: 5STSMR	Book.Sequence
Completion Date	:	MOUNTAIN HOME AR 72653	Printed	: ✓	Status
Create Date	: 1/3/2019				: Open
Total Price	: 0.00				
					Total Cost : 0.00
Work Order	: 151067		SMOKE TEST SEWER MAIN REPAIR	Account Number	:
Start Date	: 1/3/2019	LEATHERWOOD CIR	Job Code	: 5STSMR	Book.Sequence
Completion Date	:	MOUNTAIN HOME AR 72653	Printed	: ✓	Status
Create Date	: 1/3/2019				: Open
Total Price	: 0.00				
					Total Cost : 0.00
Work Order	: 151069		SMOKE TEST SEWER MAIN REPAIR	Account Number	:
Start Date	: 1/3/2019	2ND ST	Job Code	: 5STSMR	Book.Sequence
Completion Date	: 1/23/2019	MOUNTAIN HOME AR 72653	Printed	: ✓	Status
Create Date	: 1/3/2019				: Closed
Total Price	: 0.00				
					Total Cost : 0.00
Work Order	: 151070		SMOKE TEST SEWER MAIN REPAIR	Account Number	:
Start Date	: 1/3/2019	1ST ST	Job Code	: 5STSMR	Book.Sequence
Completion Date	:	MOUNTAIN HOME AR 72653	Printed	: ✓	Status
Create Date	: 1/3/2019				: Open
Total Price	: 0.00				
					Total Cost : 0.00
Work Order	: 151591		SMOKE TEST SEWER MAIN REPAIR	Account Number	: 68005900
Start Date	: 1/31/2019	DOROTHY DYKHOUSE	Job Code	: 5STSMR	Book.Sequence
Completion Date	: 1/31/2019	131 E 2ND ST	Printed	: ✓	Status
Create Date	: 1/31/2019	MOUNTAIN HOME AR 72653			: Closed
Total Price	: 0.00				
					Total Cost : 0.00
Total number of work orders listed		: 5			

PRIVATE SEWER SERVICE REPAIRS TO CLEAN OUTS OR DRAINS TIED IN...				
ADDRESS FOR REPAIR	HOUSE NUMBER	NOTES:	NOTIFIED	BY LETTER/HAND DELIVERY
BRADLEY DR	710		1/3/2019	ASSEMBLY CHURCH
HWY 62 E	1400		1/3/2019	BACKFOURTY
N CARDINAL	707		1/3/2019	CARDINAL CENTER - LINCARE
1ST ST	915		1/8/2019	
1ST ST	1901		1/8/2019	
4TH ST	613		1/8/2019	
4TH ST	713		1/8/2019	OR HOUSE BESIDE
8TH ST	711		1/8/2019	
8TH ST	720	REPAIRED 01/14/19	1/8/2019	
8TH ST	619 & 627		1/8/2019	OPEN FIELD NO HOUSE
BEDELL	121		1/8/2019	
BLUEBIRD	1101		1/8/2019	
CONE ST	302		1/8/2019	
CONE ST	412		1/8/2019	
CONE ST	408-410		1/8/2019	
COOPER	327		1/8/2019	
DIXIE ST	908		1/8/2019	
DUNCAN	1001	REPAIR / INSPECTED 01/22/19	1/8/2019	
E 2ND ST	706		1/8/2019	
E 9TH ST	1298	REPAIRED 01/26/19	1/8/2019	
FOSTER ST	314		1/8/2019	
FOSTER ST	413		1/8/2019	
GLENBRIAR	1601		1/8/2019	
HALLMARK CIR	1412		1/8/2019	
HALLMARK CIR	1504		1/8/2019	
HALLMARK CIR	1508		1/8/2019	
HALLMARK CIR	1609		1/8/2019	
HEATHERDOWN	999		1/8/2019	
HIGHRIDGE	405		1/8/2019	
JUSTIS ST	617		1/8/2019	
JUSTIS ST	731		1/8/2019	ACROSS THE STREET FROM
KATHLEEN	401		1/8/2019	
KATHLEEN	414		1/8/2019	
LEATHERWOOD DR	208		1/8/2019	
LOUANN	326		1/8/2019	
MCCLURE	926		1/8/2019	
MCCLURE	1006		1/8/2019	

MCCLURE	1202		1/8/2019	
MCCLURE	1214		1/8/2019	
N KINGSWOOD	112		1/8/2019	
PARKVIEW CIR	120		1/8/2019	
RAMBLE	952		1/8/2019	
RAMBLE	1104		1/8/2019	
REDWING	931		1/8/2019	
S CARDINAL DR	603		1/8/2019	
S CARDINAL DR	625	REPAIRED 01/08/19	1/8/2019	CARDINAL APPARTMENTS
S KINGSWOOD	1412		1/8/2019	
SHAY	934		1/8/2019	
SHAY	936		1/8/2019	
TANGLEWOOD	941		1/8/2019	
TANGLEWOOD	1022		1/8/2019	
WILLOW LN	512		1/8/2019	
WILLOW LN	513		1/8/2019	
E 4TH STREET	610		1/9/2019	
KINGSWOOD WAY	1412	REPAIRED 01/09/19	1/9/2019	
LANGSTON ST	808		1/9/2019	
LAWERENCE ST	610		1/9/2019	
9TH STREET	610		1/14/2019	
9TH STREET	621		1/14/2019	
9TH STREET	625		1/14/2019	
BRYANT ST	703		1/14/2019	
DIXIE STREET	815		1/14/2019	
LOCUST STREET	412		1/14/2019	
LOCUST STREET	506		1/14/2019	
LOCUST STREET	609		1/14/2019	
RAY STREET	621		1/14/2019	
ROLLER CT	613		1/14/2019	
LEONARD DR	1104		1/15/2019	
LEONARD DR	1115		1/15/2019	
LEONARD DR	1135		1/15/2019	
MEADOWBROOK DR	1117		1/15/2019	
SPRING BRANCH PL	926		1/15/2019	
TIPTON LP	907		1/15/2019	
TIPTON LP	952		1/15/2019	
E 13TH ST	705		1/16/2019	
E 9TH ST	1151		1/16/2019	

LEONARD DR	1156		1/16/2019
HAMSHIRE CIR	1373		1/17/2019
SAMMY ST	1213		1/17/2019
STONEBROOK	1502		1/17/2019
STONEBROOK	1503		1/17/2019
STONEBROOK	1506		1/17/2019
STONEBROOK	1511		1/17/2019
STONEBROOK	1514		1/17/2019
TURNAGE TRAIL	3312		1/22/2019
COLLEGE STREET	1007		1/23/2019
COLLEGE STREET	1019		1/23/2019
LARSON LN	1519		1/23/2019
E WADE ST	209	REPAIRED 01/24/19	1/23/2019
HIGH AVE	RES BUILDING		1/24/2019
CROSS ST	1244		1/24/2019
HIGH AVE	302		1/25/2019
HIGH AVE	401		1/25/2019
HIGH AVE	402		1/25/2019
NELSON ST	194		1/25/2019
NELSON ST	202		1/25/2019
11TH ST	330		1/25/2019
CHRUCH ST	1145		1/28/2019
COLLEGE STREET	1145		1/28/2019
COLLEGE STREET	1149		1/28/2019
COLLEGE STREET	1203		1/28/2019
E 12TH ST	303	REPAIRED 02/03/19	1/28/2019
S MAIN ST	1299		1/28/2019
SOUTH STREET	1050		1/28/2019
E 10TH ST	324		1/29/2019
E 10TH ST	339		1/29/2019
HWY 62 W	1001		1/29/2019
HWY 62 W	1007		1/29/2019
S MAIN ST	304		1/29/2019
S. BAKER ST	503		1/30/2019
SOUTH STREET	613		1/30/2019
S CHURCH ST	127		1/30/2019
S CHURCH ST	204		1/31/2019
S CHURCH ST	223		1/31/2019

APPENDIX E
LIFT STATION MAINTENANCE RECORDS

CITY OF MOUNTAIN HOME WATER DEPARTMENT
FM Worksheet Listing

Date : 4/2/2018 8:54:11 AM

User Name : TERRY

Worksheet : 4614
Create Date : 4/1/2018 Schedule : WWMONSTA WW MONTHLY LS MAINT Worksheet Complete
Labor : 2807 CHARLES SPIVEY
Close Date :

Equipment : WW365 CARLILE LIFT STATION Location : WASTEWATER PLANT
Procedure : WWWACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

4/12/18 pumped out m.w.

Equipment : WW370 MONROE LIFT STATION Location : WASTEWATER PLANT
Procedure : WWWACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

4/12/18 pumped out mw

Equipment : WW541 INDIAN CREEK LIFT STATION Location : WASTEWATER PLANT
Procedure : WWWACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

4/12/18 pumped out mw

Equipment : WW549 CR 390 LIFT STATION Location : WASTEWATER PLANT
Procedure : WWWACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

4/12/18 pumped out mw

CITY OF MOUNTAIN HOME WATER DEPARTMENT
FM Worksheet Listing

Date : 8/1/2018 7:55:55 AM

User Name : TERRY

Worksheet : 4657
Create Date : 8/1/2018 Schedule : WWMONSTA WW MONTHLY LS MAINT Worksheet Complete
Labor : 2807 CHARLES SPIVEY
Close Date :

Equipment : WW365 CARLILE LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

7/26/18

MW

Equipment : WW370 MONROE LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

7/26/18

MW

Equipment : WW541 INDIAN CREEK LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

7/25/18

MW

Equipment : WW549 CR 390 LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

7/25/18

MW

CITY OF MOUNTAIN HOME WATER DEPARTMENT
FM Worksheet Listing

Date : 6/28/2018 12:59:54 PM

User Name : TERRY

Worksheet : 4649

Create Date : 7/11/2018

Schedule

: WWQUASTA WW QUARTERLY LS MAINT

Worksheet Complete

Labor : 2807 CHARLES SPIVEY

Close Date :

Equipment : WW36 [REDACTED] Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

NA

Equipment : WW371 FRANKLIN LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

Equipment : WW372 WOODCREEK LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

7/26/18

me

Equipment : WW373 IND PARK LIFT STATION #1 Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

Equipment : WW374 IND PARK LIFT STATION #2 Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

CITY OF MOUNTAIN HOME WATER DEPARTMENT
FM Worksheet Listing

Date : 4/2/2018 8:54:11 AM

User Name : TERRY

Worksheet : 4618 Worksheet Complete
 Create Date : 4/11/2018 Schedule : WWQUASTA WW QUARTERLY LS MAINT
 Labor : 2807 CHARLES SPIVEY
 Close Date :

Equipment : WW367 VILLAGE GREEN LIFT STATION Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :
n/a *mw*

Equipment : WW371 FRANKLIN LIFT STATION Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :
n/a *mw*

Equipment : WW372 WOODCREEK LIFT STATION Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :
4/12/18 pumped out *mw*

Equipment : WW373 IND PARK LIFT STATION #1 Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :
OK

Equipment : WW374 IND PARK LIFT STATION #2 Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :

CITY OF MOUNTAIN HOME WATER DEPARTMENT
FM Worksheet Listing

Date : 4/2/2018 8:54:11 AM

User Name : TERRY

Worksheet : 4618 Worksheet Complete
 Create Date : 4/11/2018 Schedule : WWQUASTA WW QUARTERLY LS MAINT
 Labor : 2807 CHARLES SPIVEY
 Close Date :

ok

Equipment : WW375 IND PARK LIFT STATION #3 Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :

4/12/18 pumped out *MW*

Equipment : WW378 PARKWOOD LIFT STATION Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :

ok

Equipment : WW517 HWY 62 EAST LIFT STATION Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :

ok

Equipment : WW533 BIG CREEK LIFT STATION Location : WASTEWATER PLANT
 Procedure : WWVACST VACUUM STATIONS Procedure Complete
 Labor : 2807 CHARLES SPIVEY
 Work Order :
 Notes :

ok

CITY OF MOUNTAIN HOME WATER DEPARTMENT
FM Worksheet Listing

Date : 10/1/2018 2:24:19 PM

User Name : mhwwtp

Worksheet : 4679 Worksheet Complete

Create Date : 10/10/2018 Schedule : WWQUASTA WW QUARTERLY LS MAINT

Labor : 2807 CHARLES SPIVEY

Close Date :

Equipment : WW367 [REDACTED] Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

Equipment : WW371 FRANKLIN LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

10-16-18 Pumped out mw

Equipment : WW372 WOODCREEK LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

10/2/18 pumped out mw

Equipment : WW373 IND PARK LIFT STATION #1 Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

Equipment : WW374 IND PARK LIFT STATION #2 Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :

CITY OF MOUNTAIN HOME WATER DEPARTMENT
FM Worksheet Listing

Date : 10/29/2018 8:56:55 AM
User Name : mhwwtp

Worksheet : 4688
Create Date : 11/1/2018 Schedule : WWMONSTA WW MONTHLY LS MAINT Worksheet Complete
Labor : 2807 CHARLES SPIVEY
Close Date :

Equipment : WW365 CARLILE LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :
10/31/18 pumped out mw

Equipment : WW370 MONROE LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :
10/2/18 pumped out mw

Equipment : WW541 INDIAN CREEK LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :
10/2/18 pumped out mw

Equipment : WW549 CR 390 LIFT STATION Location : WASTEWATER PLANT
Procedure : WWVACST VACUUM STATIONS Procedure Complete
Labor : 2807 CHARLES SPIVEY
Work Order :
Notes :
10/3/18 pumped out mw

APPENDIX F
VACTOR TRUCK / CCTV CAMERA / FLOW MEASUREMENT
EQUIPMENT



Proposal Summary

Prepared for:

City of Mountain Home, AR

VECTOR[®]



Vactor 2100i Sewer Cleaner

Combination Single Engine Sewer Cleaner with Positive Displacement Vacuum System Mounted on a Heavy-Duty Truck Chassis



City of Mountain Home, AR
February 7th, 2019
ATTN: Mrs. Alma Clark

Vector 2100i Sewer Cleaner

Environmental Products would like to thank you for the opportunity to present the **Vector 2100i Sewer Cleaner**.

Environmental Products Group is the sole provider of Vector Sewer Cleaning Equipment in the state of Arkansas, as well as many other leading industry product lines including: Elgin Street Sweepers, Envirosight Pipeline Inspection Cameras, Madvac Sweepers and Vacuums, and a host of parts, tools and accessories for all your needs.

Environmental Products Group prides itself on our local parts, service, and training capabilities. With multiple full-service locations throughout Florida, Georgia, and Memphis, Tennessee; including Vector, Elgin, and Envirosight repair centers, extensive parts inventory, factory-trained technicians, mobile parts and service, rentals, turnkey maintenance packages, leasing options, and much more... we are ready to service your every need.

Thank you for your consideration.

MEMPHIS

2995 Sandbrook St.
Memphis, TN 38116
P: 901.630.5658
F: 901.630.5659

DEERFIELD BEACH

1907 SW 43rd Terrace
Suites G & H
Deerfield Bch, FL 33442
P: 954.518.9923
F: 954.518.9926

ATLANTA

4410 Wendell Dr SW
Atlanta, GA 30336
P: 404.693.9700
F: 404.693.9690

CORPORATE

2525 Clarcona Rd.
Apopka, FL 32703
P: 407.798.0004
F: 407.798.0013

Product Description

www.MyEPG.com

- 2100i with Roots 824-16" Hg. Blower, 10 Yard Debris body, 1000 Gallons of Fresh Water

Standard Features

- 48" x 22" x 24" Curb Side Aluminum Toolbox
- Aluminum Fenders
- Mud Flaps
- Electric/Hydraulic Four Way Boom
- Color Coded Sealed Electrical System
- Remote Pendant Control w/35' Cord
- Intuitouch Electronic Package
- Double Acting Dump Hoist Cylinder
- Handgun Assembly
- 3" Y-Strainer at Water Pump Inlet
- Ex-Ten Steel Cylindrical Debris Tank
- Flexible Hose Guide
- 30 Deg. Sand Nozzle w/Carbide Inserts
- 30 Deg. Sanitary Nozzle w/Carbide Inserts
- 15 Deg. Penetrator Nozzle w/Carbide Inserts
- Nozzle Storage Rack
- Vacuum Tube Storage: Curbside (2) Pipe, Rear Door (2) Pipe
- 1" Nozzle
- 10' Leader Hose
- Flat Rear Door w/Hydraulic Locks and Door Power-up/Down, Open/Close Feature
- Dual 10" Stainless Steel Float Shut Off System/Rear Mounted
- Debris Body Vacuum Relief System
- Debris Deflector Plate
- 48" Dump Height
- Water Sight Gauge DS/PS
- Liquid Float Level Indicator
- Boom Transport Post Storage
- 3" Y-Strainer @ Water Pump w/3" Drain Valve
- Performance Package: (Hyd Variable Flow, Dual PTO's. Dual Hyd. Pumps)
- Stainless Steel Microstrainer
- Blower Air Shift Controls
- Hydraulic Cooling Package
- Midship Handgun Coupling
- Side Mounted Water Pump
- Hose Wind Guide (Dual Roller)
- Hose Footage Counter - Mechanical

- Hose Reel Manual Hyd. Extend/Retract
- Hose Reel Chain Cover (Full)
- Tachometer/Chassis Engine W/Hourmeter
- Circuit Breakers
- LED Lights. Clearance, Back-Up, Stop, Tail & Turn
- Tow Hooks, Front and Rear
- Electronic Back-Up Alarm
- Hydraulic Tank Shutoff Valves
- 8" Vacuum Pipe Package
- Emergency Flare Kit
- Fire Extinguisher 5 Lbs.
- Low Water Alarm with Water Pump Flow Indicator
- Front Joystick Boom Control
- Digital Hose Footage Counter
- Water Pump Hour Meter
- PTO Hour Meter
- Camera System, Rear Only
- Digital Water Pressure Gauge
- Vactor 2100i Body Decal - Multi-Colored
- Chassis Modifications
- Vactor Manual, Partial Manual and USB Version - 1 + Dealer

Additional Features

- Roots 824-16" Hg. Blower
- 180 Degree Rotation, 10 Ft. Hydraulic Telescoping Boom, Front Loading 8" Suction Hose
- 80 GPM Variable Flow Water System
- 2500 PSI Water Pressure
- 1" x 600' Piranha Sewer Hose, 2500 PSI
- Hydraulic Extending/Rotating 15" Hose Reel (1" x 800') Capacity
- Module Paint, Dupont Imron Elite - Sanded Primer Base
- Debris Body Flush Out System
- 6" Knife Valve w/Cam-Loc, Rear Door, 3:00 Position
- Folding Pipe Rack, Streetside
- Folding Pipe Rack, Rear Door
- Lube Manifold
- Plastic Lube Chart
- Air Purge
- Rodder System Accumulator- Jack Hammer on/off control w/ manual valve
- Automatic Hose Level Wind Guide, Indexing
- High Pressured Hose Reel

- Rear Directional Control, Signal Master LED Arrow Board, 10 Lights
- Strobe Light, LED, Rear, Federal Signal, Amber
- Worklights (2), LED, Telescoping Boom
- Toolbox, Front Bumper Mounted, 16 x 12 x 18 w/(2) LED Side Markers
- Toolbox, Behind Cab
- (4) Long Handle Tool Storage Locations Behind Cab
- Vactor Supplied Chassis, Tandem Axle, 2019 Freightliner 114SD SBA, 370 HP, Auto, 66,000 GVWR, 2016 Emissions

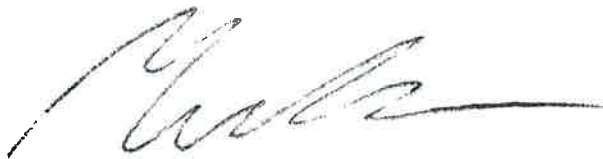
Chassis Options



- 2020 Freightliner 114SD, 370 HP, 66,000 GVWR
- Cummins L9 Engine
- Allison 3000RDS Automatic Transmission
- Alcoa Wheels
- High Back Air Ride Driver and Passenger Seating
- AM/FM/WB/USB and Bluetooth Radio
- Heated and Motorized Side View Mirrors
- LED Stop/Turn/Tail Lights

CHASSIS PRICE: \$97,510.00
BODY PRICE: \$268,018.00
SOURCEWELL DISCOUNT: (\$8,040.54)
SALE PRICE = \$357,487.46

Please don't hesitate to call with questions, or if you need any additional information. Thank you for your interest and the opportunity to earn your business.

A handwritten signature in black ink, appearing to be 'M. Fratesi', written in a cursive style.

2-7-19

Signature

Date

LIMITED WARRANTY

Limited Warranty. Each machine manufactured by VACTOR/GUZZLER MANUFACTURING (or, "the Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating instructions. In addition, certain machines and components of certain machines have extended warranties as set forth below. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

2100 Series, HXX, Series and Jettlers	10 years against metal water tank leakage due to corrosion. Nonmetallic water tanks are covered for 5 years against any factory defect in material or workmanship.
2100 Series and HXX only	5 years against leakage of debris tank, centrifugal compressor or housing due to rust-through.
2100 Series and Jettlers	2 years - Vactor Rodder Pump on all unit serial numbers starting with 13-##V-#####

Exclusive Remedy. Should any warranted product fail during the warranty period, the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Vactor/Guzzler distributor's location or at other locations approved by the Company. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

This Limited Warranty shall not apply to (and the Company shall not be responsible for):

1. Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks, engines, hydraulic pumps and motors, tires and batteries.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, oils, fluids, vacuum hose, light bulbs, fuses and gaskets.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended by the Company.
5. Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or improper maintenance.

NOTE The use in the product of any part other than parts approved by the Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE DISCLAIMED.

This warranty is in lieu of all other obligations or liabilities, contractual and otherwise, on the part of the Company. For the avoidance of doubt, the Company shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. The Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of the Company in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action.

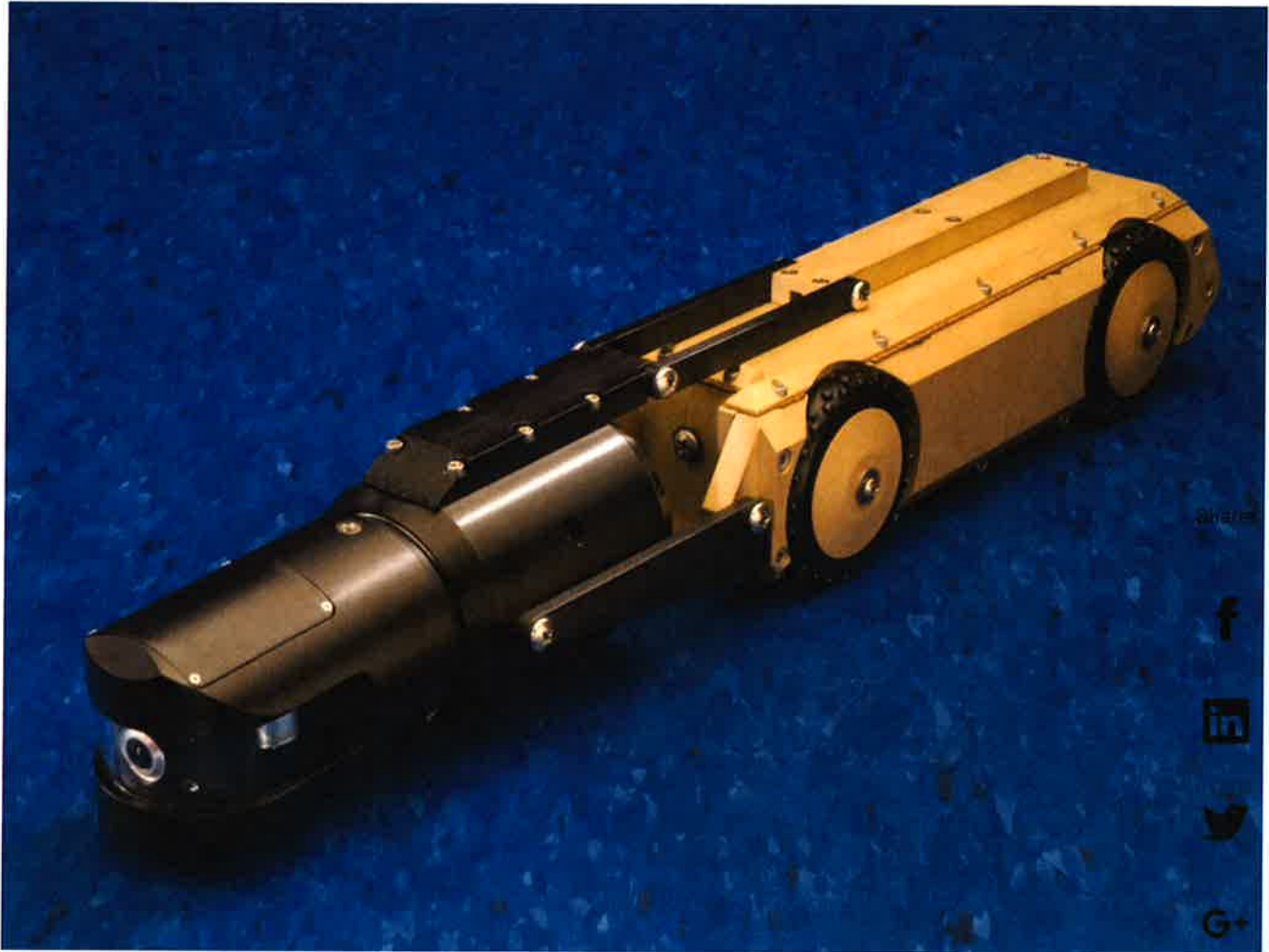
The Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.



VACTOR/GUZZLER MANUFACTURING
1621 S. Illinois Street
Streator, IL 61364

12-13-2012

QUOTES FOR SEWER CLEANING TRUCK AND MODULE 2019		
COMPANY	BRAND OF TRUCK	PRICING THRU SOURCEWELL
ENVIRONMENTAL PRODUCTS GROUP, INC	VACTOR	\$357,487.46
SCRUGGS EQUIPMENT COMPANY	SEWER EQUIPMENT OF AMERICA	\$361,036.00
HENARD UTILITY	VAC-CON	\$392,529.00
WILL BE PURCHASING THRU SOURCEWELL (OTHERWISE KNOWN AS NJPA)		



Share



RST OmniStar Probe

Camera Designed for the Mighty Mini

Designed to fit in 4" or larger pipelines, the camera will mount on RST Single Conductor Push Rod and the Mighty Mini Tractor.

The camera has a 360° continuous rotate capability and a 270° panning capability.

[Key Features](#)

[Comparison](#)

[Brochure](#)

Line #	Part #	Description	Price	Qty	Extend
1	010-01665-01	Budget Quote for Might Mini Tractor and Camera OmniSTAR Probe Pan & Tilt Camera, NTSC, Single Conductor (1) - OmniSTAR Probe 2-1/4" diameter x 6-1/4" length Pan & Tilt Camera with LED lighting (1) - Camera case	\$13,500.00	1	\$13,500.00
2	032-03000-02	Mighty Mini Tractor with OmniSTAR Probe mount	\$5,985.00	1	\$5,985.00
3	840-31640	Hi Traction Caster wheel kit, Mini Tractor Includes: (4) - Hi Traction Caster wheels (4) - Wheel adapters	\$818.00	1	\$818.00
4	840-36600	MegaTRAK wheel kit, Mini Tractor Includes: (4) - Hub assemblies (4) - 2.70" diameter wheel rings (4) - 3.30" diameter wheel rings (4) - 4.40" diameter wheel rings (1) - Snap ring pliers	\$1,375.00	1	\$1,375.00
		Subtotal			\$21,678.00
		Quote Does Not Include Shipping or Applicable Taxes			

Sub-Total \$21,678.00
Tax \$1,978.¹²
Additional
Total ~~\$21,678.00~~
 \$23,656.¹²

iTracking®

FOR CONSULTING AND UTILITY ENGINEERS



Delivering the
Next Generation in
I&I Detection and
RDII Modeling

 **EASTTECH**

APPENDIX G
FATS, OIL, AND GREASE (FOG) MANAGEMENT

*Sending out as
Bill Insert Feb Bill -*

Grease Disposal Best Management Practices For Residential

Residents can help prevent pipe blockages and sewer overflows by keeping grease out of the sewer system. Sewer backups can cause damage to homes, health hazards and threaten the environment. Sewer pipes blocked by grease are an increasing common cause of overflows.

Where does grease come from?

Fats, Oils, and Grease (FOG's) are a natural consequence of cooking and can also occur naturally in many foods. Grease is the common term for animal fats and vegetable oils. It can be found in such items as:

- Meat fats
- Lard
- Butter and margarine
- Cooking oil
- Shortening
- Food scraps
- Baking goods

What are the grease issues?

Grease is frequently poured down the sink drain because the warm oils are liquid and can be poured. It may not appear to be harmful but as the liquid cools, the grease solidifies and causes buildup inside the pipes, becoming a hardened mass. The buildup restricts the flow of sewage and clogs the pipes.

The implications can be:

- Raw sewage backing up into your home.
- A call for a plumber.
- An unpleasant and expensive cleanup at your expense.
- Raw sewage overflowing into parks, yards and streets.
- Potential contact with disease-causing organisms.
- Increased cost for your Wastewater department which may result in higher sewer bills for customers

The easiest thing you can do is keep grease out of the sewer system in the first place.

- Never pour grease down the sink or into the toilet
- Do not put food scraps down the garbage disposal. These units only shred solid material into smaller pieces and do not prevent grease from going down the drain.
- Use a strainer in the sink to catch food scraps and other solids.
- The Wastewater Department recommends allowing your hot oils, sauces, and gravies to cool before scraping into a plastic bag and then disposing of in your trash can.

Who should I call if I see a sewer overflow?

Call us first. We are a 24/7 operation with staff on duty at all times. If you have a back-up on your property or see an overflow occurring in your area please call us. Our office number is 870-425-5115 During the hours of 8:00am - 4:30pm & our after hour's emergency number is 870-425-6336. If you call the after-hours emergency number the police department will dispatch someone to check the problem area and will make a determination as to the source of the problem. If there is a back-up or clogged line in our pipes, we'll fix the problem and it won't cost you a dime. If the back up or overflow is due to a problem in your pipes we will let you know so that you can contact a plumber to take care of your issue

"Remember, prevention is the key. Keep your pipes and drains "fat-free".

FOOD SERVICE - BEST MANAGEMENT PRACTICES

Most commercial cooking operations produce waste products of fats, oils, and grease (FOG). FOG is a major contributor to stoppages in the city sewer system and grease build up at the Mountain Home Wastewater Treatment Plants. Even if you can't see FATS, OILS OR GREASE in hot soapy water, it's still there. As FOG goes through the sewer system it cools, comes out of solution and coats the sewer pipes which in turn causes stoppages throughout the city. This causes sewage spills, manhole overflows or backups in homes and businesses.

Provided below are requirements designed to help your business control and eliminate FOG problems using Best Management Practices (BMP'S).

All Food preparation & service establishments should have an adequately sized grease trap or interceptor. All traps and interceptors must comply with the adopted Plumbing Code and all applicable City, State, and Federal rules and regulations. The Building Inspection Department handles all questions about installation requirements or permits. Remember a grease trap or interceptor works by retaining the water for at least 15 minutes; this allows the water to cool and FOG to separate from the water and float to the surface.

MAINTAIN and clean your grease trap or interceptor at a frequency that will ensure proper operation and prevent blockages.

- **Interceptor** (exterior units) maintenance should be performed by a reputable company. Septage hauling companies may be used to pump your trap or interceptor. When maintenance is performed make sure the interceptor has all of the solids, water, and grease completely removed.
- **Grease trap** (interior units) maintenance may be performed by restaurant employees or others.
- Ensure that the interceptor or trap is filled with tap water after it is pumped. This increases its efficiency. If you let the trap or interceptor fill on its own, greasy water will flow out of the unit without proper treatment. If the outside interceptor is not filled with water after it is pumped, it could also have a tendency to float in times of wet weather, possibly causing damage to the interceptor and associated plumbing.
- Periodically skim the floating grease in your inside *grease trap* (not your outside interceptor). This increases its efficiency. Non-liquid grease should be disposed of with your trash.
- Remember a clogged grease trap or interceptor is useless for removing FOG. Clogged traps turn septic and acidic, causing odors that may attract insects, rodents, etc. and cause other related health problems.

Keep a record of grease trap or interceptor cleaning for a minimum of (5) five years. Don't dump or drain oil or grease into any fixture (sink, floor drain, toilet, etc.).

- **Post signs at points of possible grease discharge. This is an excellent way to remind employees about FOG management.**
- **Educate and train employees about these best management practices and encourage them to come up with new ideas for controlling FOG.**
- **Recycle used cooking oils and grease. Contact a grease recycling or rendering company for the requirements on containers, contents, and storage.**
- **Scrape all food scraps into the trash. The largest source of FOG comes from washing greasy pots and pans; Drain pots, pans, or anything with FOG into the recycling container.**
- **Use a spatula to scrape grease from pots and pans and spilled grease into the recycling container, then use paper towels to soak up and wipe down oily or greasy surfaces before washing.**

If you follow these tips closely you will significantly reduce and possibly eliminate sewer system stoppages caused by FOG and it will help save you time and money in the operation of your business.

Fats, Oils & Grease

Can the Grease to Protect Your Home, Business and the Environment

Fats, oils and grease, known collectively as FOG, represent the most serious enemy of our sewer lines.

- Butter
- Cooking oil
- Salad dressing
- Mayonnaise
- Grease
- Gravy
- Sauces
- Food/meat scraps
- Lard
- Margarine
- Shortening

When FOG is dumped down the drain, it forms large, thick grease balls that clog pipes. Clogged pipes can result in sewer backups and spills, create environmental problems, cause traffic tie-ups or even flood homes and businesses. Commercial food-handling facilities contribute greatly to FOG buildup in sewer lines because of the amount of grease used in cooking and other food prep work. Preventing sewer backups from FOG blockages also saves money.

Important! When sewer pipes back up on private property, the homeowner or business owner is responsible for the cleanup.

Can it. Cool it. Throw it away.

Do's

- Can the grease! Keep an empty metal can and pour oil and grease into the can. Allow grease to cool in the container before throwing it in the trash.
- Wipe before washing. For greasy pans, pour the grease into a container and use a paper towel to wipe out the remaining grease in the pan prior to washing.
- Seal the oil. **Liquid should be limited to no more than one-half gallon.** Mix liquid vegetable oil with an absorbent material such as kitty litter or coffee grounds in a sealable container before throwing it in the trash.



A pipe clogged with thick fats, oil and grease, also known as FOG.

- Keep drains clean by pouring 1/2 cup of baking soda down the drain followed by 1/2 cup of white vinegar. Wait 10-15 minutes and then rinse with hot water.

Don'ts

- Don't pour fat, oil or grease down drains or garbage disposals.
- Don't use hot water to rinse grease off cookware, utensils, dishes or surfaces.
- Don't forget to protect the sewer lines from the bathroom: [the toilet is not a trash can](#).

Tips for Businesses Managing FOG

- Strain or filter oil in deep fryers to extend the life of the cooking oil.
- Control the temperature of deep fryers to prevent oil from scorching and extend its life. Less oil in the grease interceptor means money saved in pumping and in new oil purchased.
- Recycle cooking oils and leftover grease into a storage container such as a barrel or bucket. Remember that grease is valuable — grease and oil can be recycled into other useful products. See your Yellow Pages for "grease traps" or "greases" to find grease collection companies or grease trap service providers.
- Instruct staff to be conservative about the use of FOG in food preparation.
- Don't use your garbage disposal to grind up FOG and flush it down the drain.
- Use dry cleanup methods to reduce water consumption and save money! Remove FOG and food waste from pans by scraping or wiping before using water. Use rubber scrapers to remove FOG from cookware.
- Use absorbent paper to soak up FOG under fryer baskets.
- Use paper towels to wipe down work areas. Cloth towels will accumulate grease that will eventually end up in your drains when washing.
- Minimize the use of dish soap in dishwashing operations. Dish soap emulsifies FOG and enables it to pass through a grease interceptor. It will later coagulate in sewer lines.
- Maintain your grease trap. Many restaurants have a grease trap installed in the kitchen. In order to keep your grease trap working properly, you'll need to have it cleaned periodically, according to the manufacturer's specifications.

having all restaurants
fill this out for
our files



Fats, Oil and Grease Management Food Service Assessment Checklist

This checklist will help food service owners/operators identify sources of fats, oil and grease and how they are being managed. By completing this checklist, the user will know if current practices are adequate to minimize FOG discharges to the municipal sewer system. Improper FOG disposal can result in costly and unhealthy sanitary sewer overflows and back-ups directly into the food service facility.

General Food Service Establishment Information

1. Facility Name: _____ Date: _____
2. Facility Address: _____
3. Facility Owner: _____ Facility Manager: _____
4. Type of food service operation (café, cafeteria): _____
5. Responsible person/organization: _____
6. Hours of operation: _____
7. Number of meals served/day: _____
8. Number of seats: _____

Fats, Oil and Grease Trap/Interceptor

1. Type (under the sink, in-ground, automatic): _____
2. Number of units: _____
3. Size: _____ gallons
4. Location: _____

Grease Trap/Interceptor Maintenance

1. Pump out schedule (monthly, weekly, etc): _____
2. Pumper/service provider: _____
3. Yes No Maintenance log available on-site
4. Yes No Is management observing pumping to ensure it is done properly?
5. Yes No Does service include complete pumping/cleaning of the trap and sample box, not just removing the grease layer?
6. Yes No Is the vault refilled with clean water, not with water already pumped out?
7. Yes No Are enzymes/bacteria used? If yes, vender name _____

Kitchen Equipment/Devices

Are the following kitchen devices plumbed to discharge to the grease trap/interceptor?

1. Yes No Dishwashers
2. Yes No Pot sinks, multi-compartment sinks, mop sinks, pre-rinse sinks
3. Yes No Floor drains
4. Yes No Food steamers
5. Yes No Food grinders/pulpers
6. Yes No Steam kettle(s)
7. Yes No Can washer(s)

Other: _____

Are the following cleaned or maintained periodically? Is the cleanup water discharged to the grease trap? If not, where is it discharged? _____

1. Yes No Exhaust hoods and filters
2. Yes No Floor mats, floors, and grill tops
3. Yes No Exterior of the grease traps/interceptors
4. Yes No Dumpsters/trash cans
5. Yes No Parking lots, sidewalks,
6. Other: _____

Dry Cleanup

1. Yes No Are serving wares, utensils or food preparation surfaces wiped clean before washing?
2. Yes No Do employees know not to allow FOG or food wastes into the drains? Are employees instructed to use dry methods before using water for cleanup?
3. Yes No Are employees provided the necessary training and tools (rubber scrapers, brooms, absorbent materials for spills) for dry cleanup?

Spill Cleanup and Prevention

1. Yes No Are cleanup kits in visible and accessible areas?
2. Yes No Are employees provided adequate conveyance methods/tools (ladles, containers with lids) to prevent oil and grease spills while transferring from inside the restaurant to the outside storage bin?
3. Yes No Is there a designated employee(s) to manage/monitor cleanup?

Employee Awareness Training

1. Yes No Have employees received training on BMPs for handling oil and grease (spill prevention, dry cleanup, etc.)?
2. Yes No Are employees involved in keeping FOG out of the drains?
3. Yes No Are signs posted in key areas that remind staff to keep oil and grease out of the drains?
4. Yes No Are new employees trained on FOG BMPs and existing employees trained on a routine basis (quarterly)?

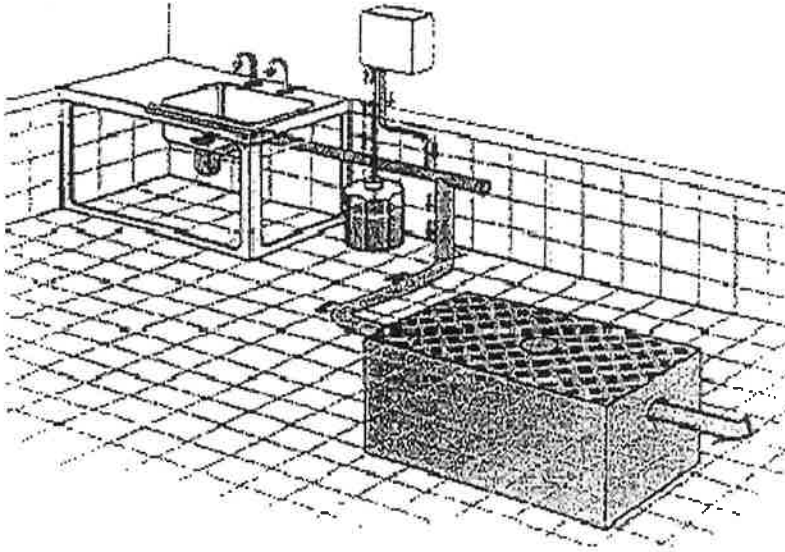
Grease Disposal

1. Yes No Are the outside oil and grease storage bins kept covered?
2. Yes No Are the outside storage bins located away from storm drains and catch basins?
3. Yes No Are Dumpsters and grease recycling bins cleaned and checked for leaks often?
4. Yes No Is there a spill prevention plan and materials available in the event of a spill?

Grease Management Contractors

1. Yes No Does your hauler/renderer have the proper legal licenses and permits to handle the oil and grease waste?
2. Who do contact when there is a problem? _____
3. Yes No Do you know how and where the waste grease is sent for final disposal?

How Do I? - Properly Clean Grease Trap



You'll need the following before you begin:

1. Large Trash Can;
2. 2 or 3 trash can liners (garbage bags);
3. Oil dry (purchase at an auto supply store);
4. Proper tools to open trap;
5. Tools for removing contents (scoop and scraper);
6. PaperTowels;
7. Rubber gloves.

Let's begin:

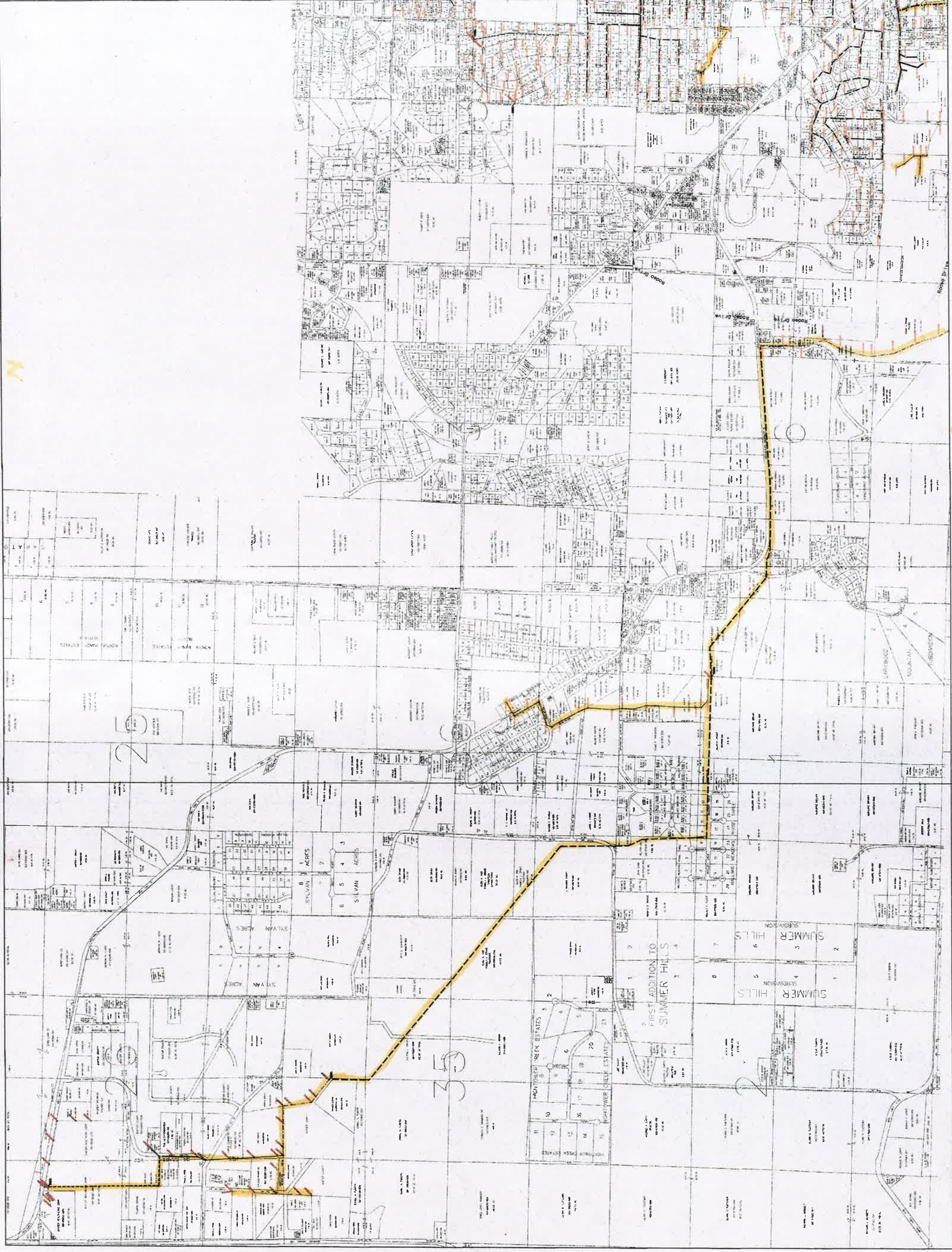
1. Prepare your work area;
2. Put the trash can liners into the trash can;
3. Add some oil dry (this will soak up the water and liquid and make transportation of the waste cleaner and safer);

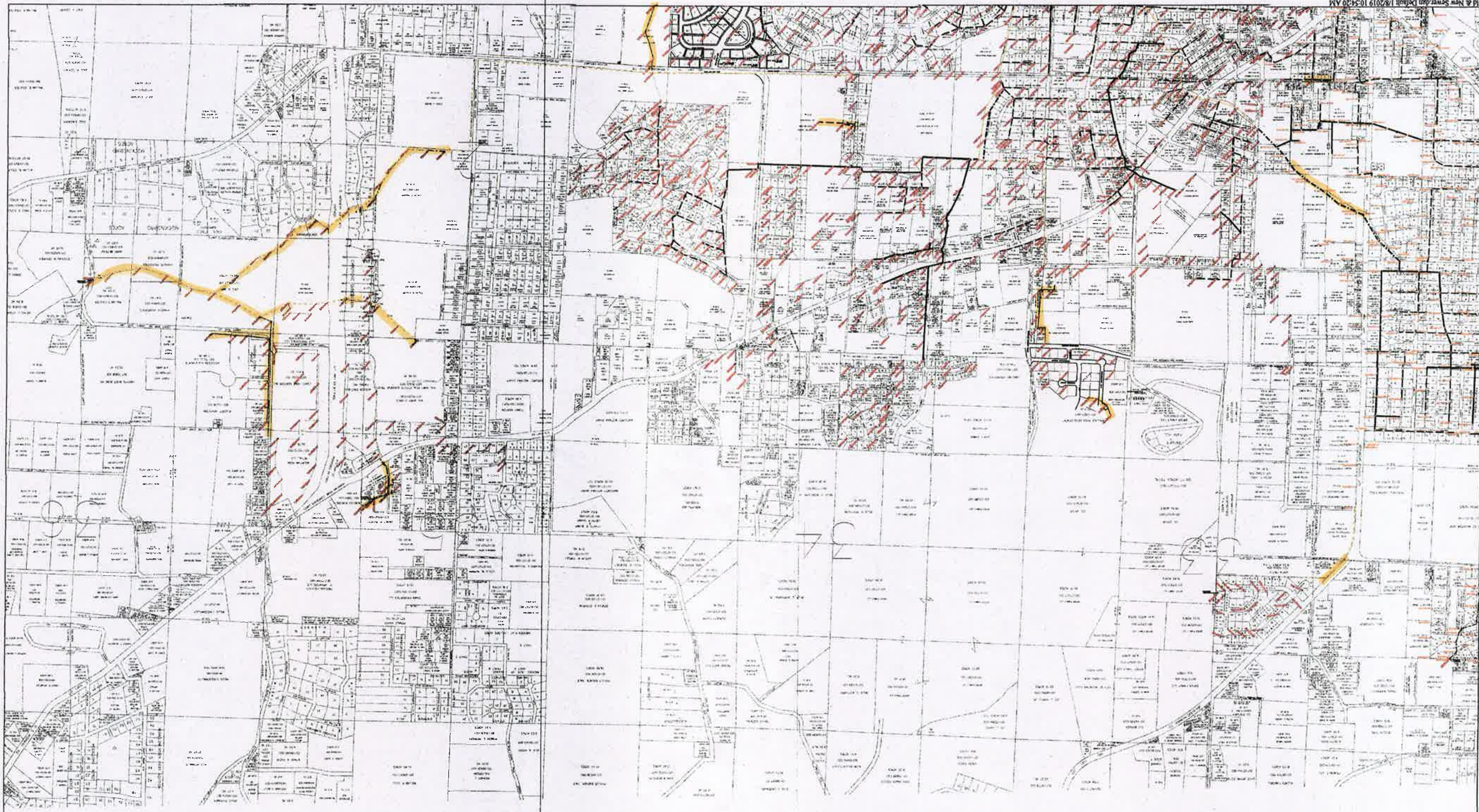
Dig in:

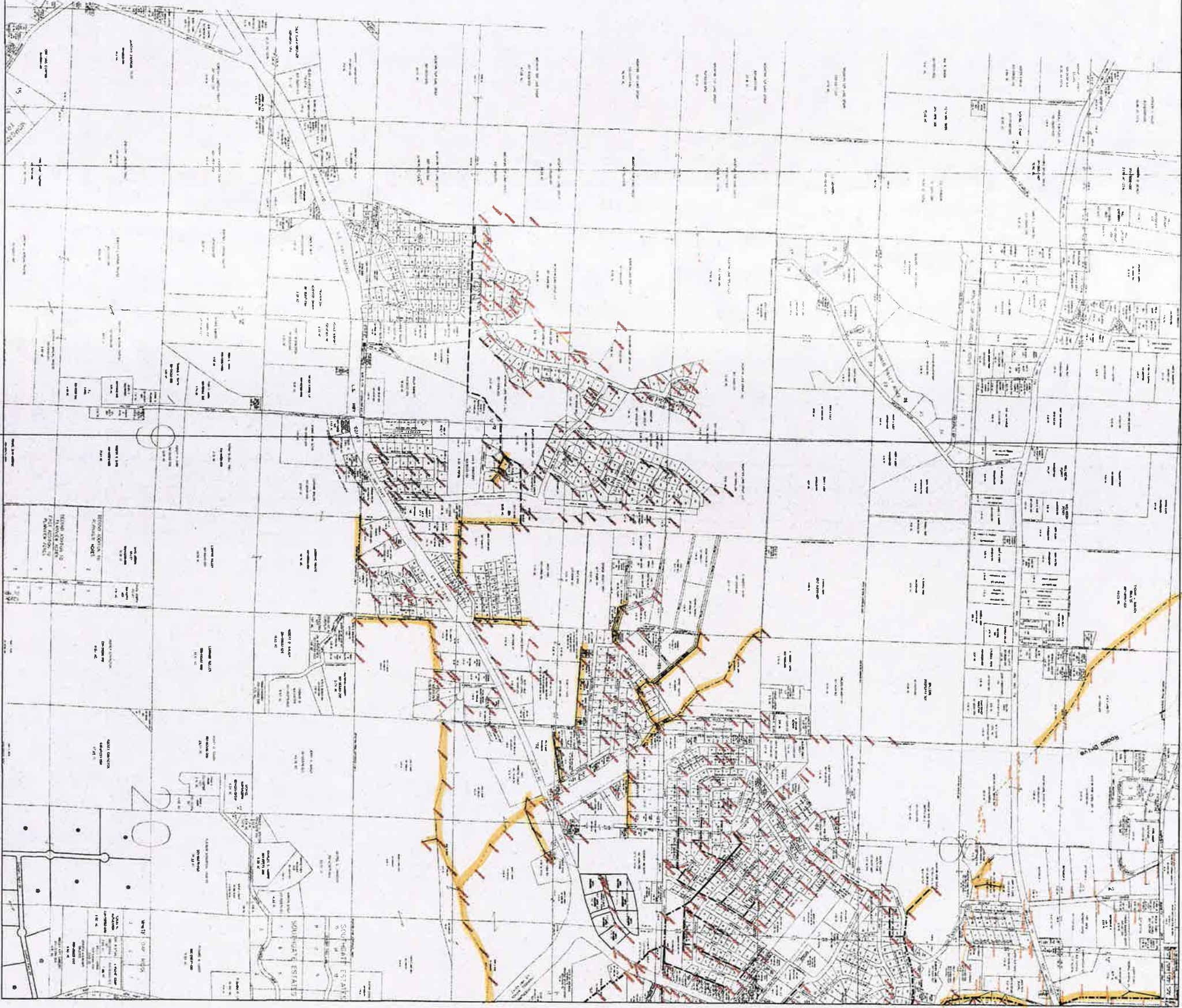
1. Remove the lid;
2. Observe the manner in which the internal parts are installed because you'll have to reinstall it properly when you finish cleaning the trap.
3. Missing or mal-aligned internal parts will cause discharges that are in violation of the allowable limits of the Industrial Pretreatment Ordinance.
4. Examine the gasket for damage - never use tube silicone as a gasket.
5. If the gasket is falling into the trap, clean and reattach it to the trap;
6. Begin dipping (or vacuuming) the waste from the trap.
7. Remove all contents until unit is empty.
8. No need to use degreasers or soap and water - no one is eating out of this trap.
9. Make sure the trap has been properly reassembled (all internal parts are in place).
10. Tie up the bag of waste (that has the oil dry soaking up the liquid) and place in the garbage (solid waste) dumpster.

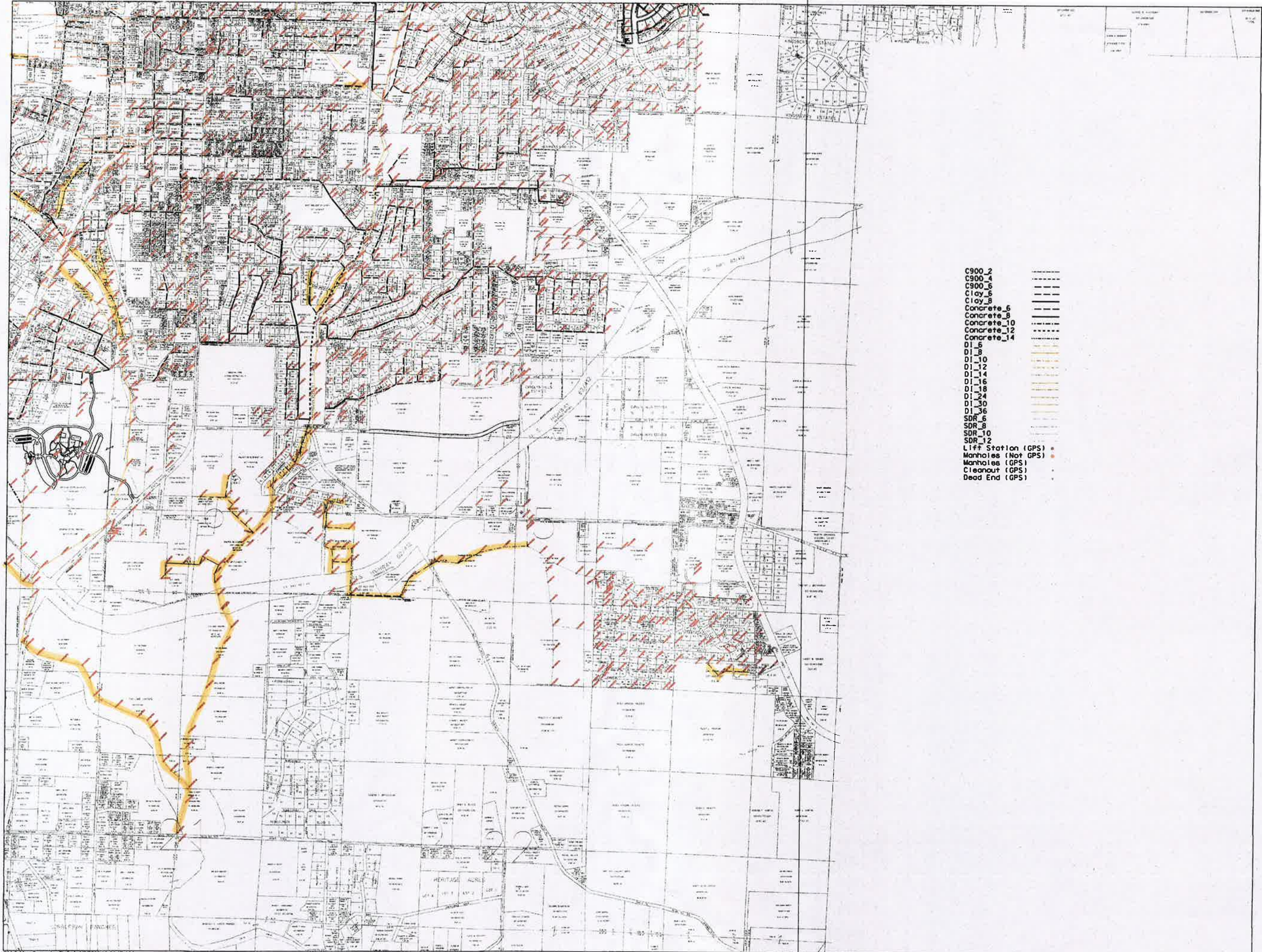
It's as EASY as that....

APPENDIX H
CLEARING RIGHT OF WAY MAPS





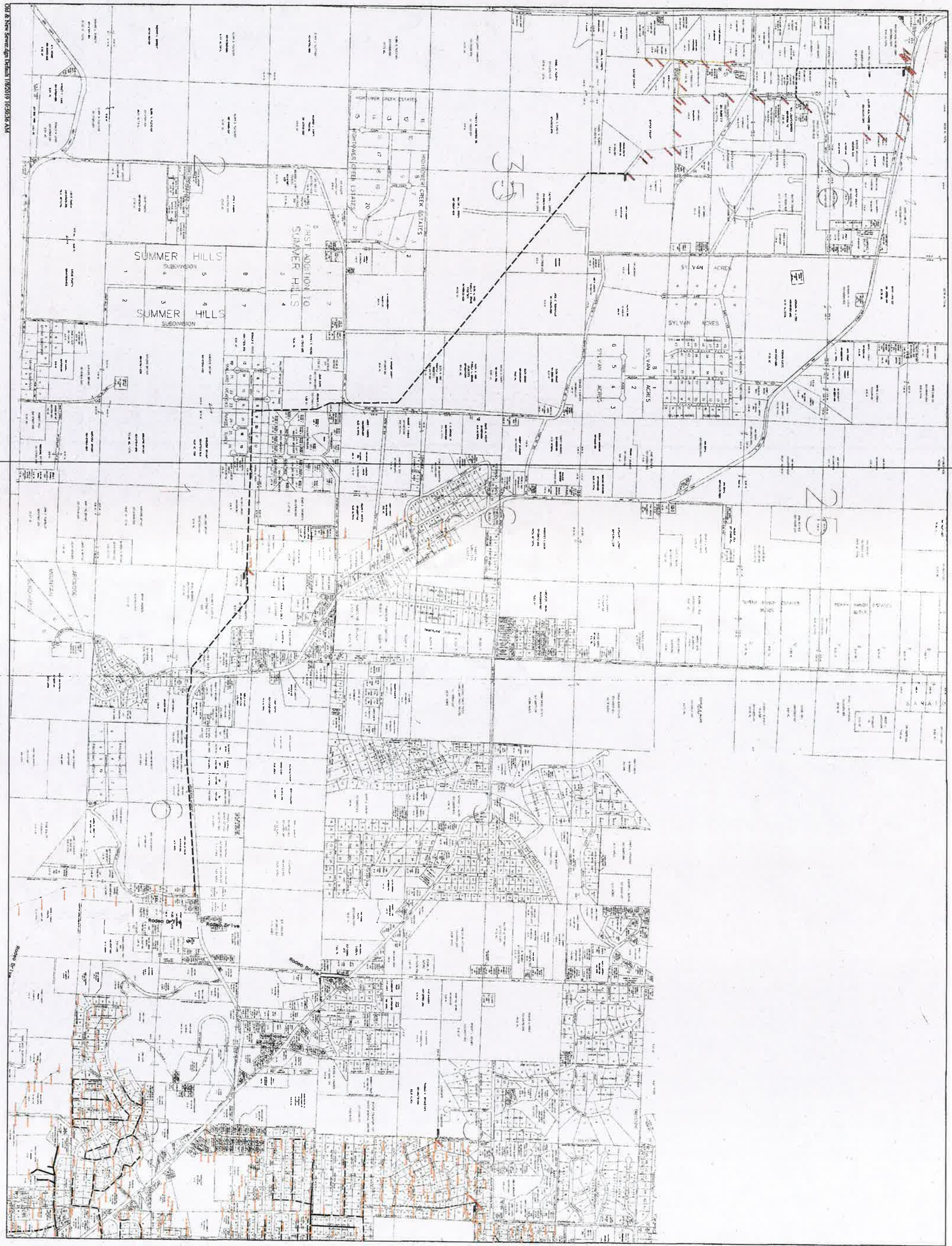




- C900_2
- C900_4
- C900_6
- Clay_6
- Clay_8
- Concrete_6
- Concrete_8
- Concrete_10
- Concrete_12
- Concrete_14
- D1_6
- D1_8
- D1_10
- D1_12
- D1_14
- D1_16
- D1_18
- D1_24
- D1_30
- D1_36
- SDR_6
- SDR_8
- SDR_10
- SDR_12
- Lift Station (GPS)
- Manholes (Not GPS)
- Manholes (GPS)
- Cleanout (GPS)
- Dead End (GPS)

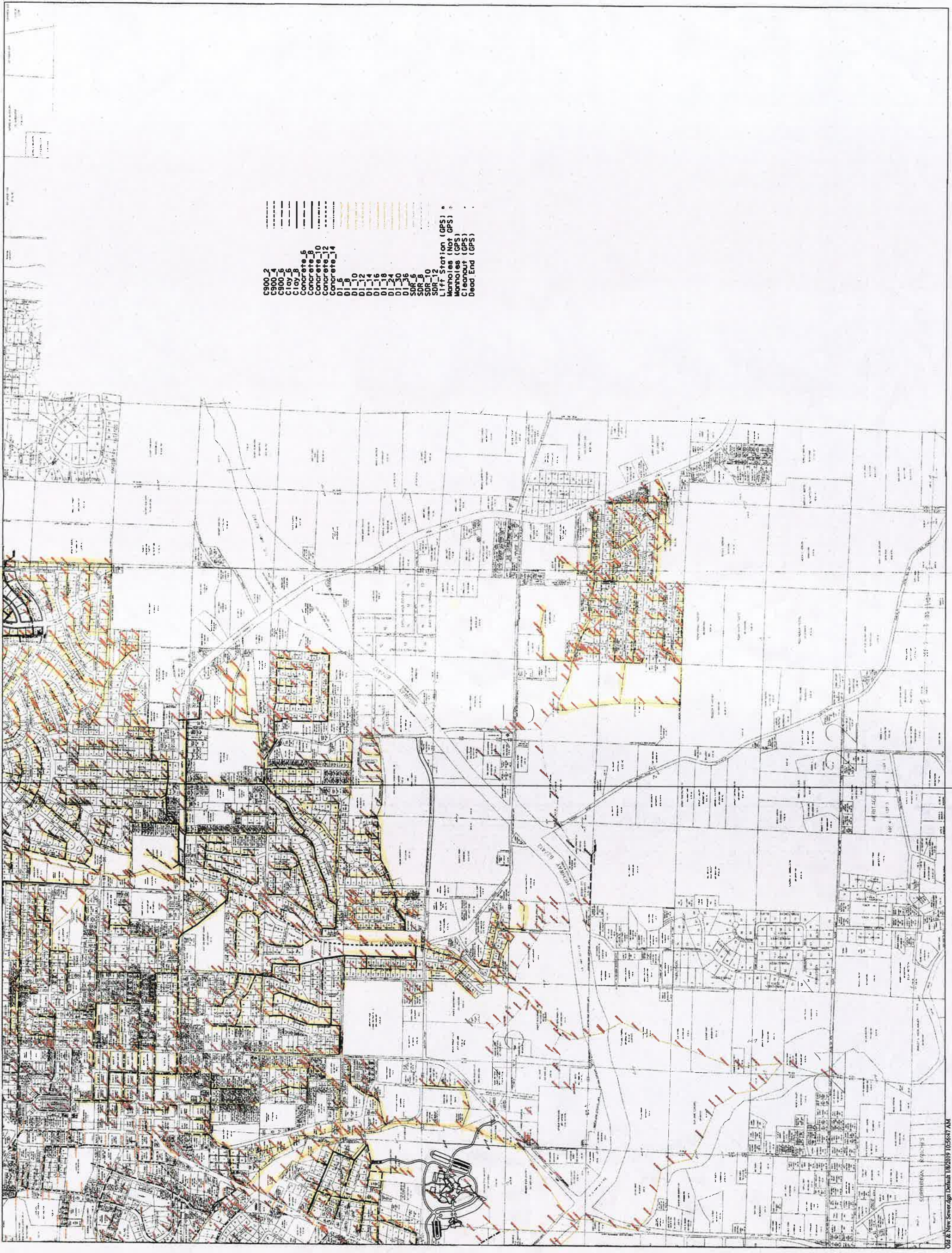
APPENDIX I
SMOKE TESTING MAPS

City & New Surveying Patent 182019 1032636 AX





- CS900_2
- CS900_4
- CS900_6
- Clay_B
- Concrete_6
- Concrete_B
- Concrete_10
- Concrete_12
- Concrete_14
- DI_8
- DI_10
- DI_12
- DI_14
- DI_16
- DI_18
- DI_24
- DI_30
- DI_36
- SDR_6
- SDR_B
- SDR_10
- SDR_12
- SDR_14
- Lift Station (GPS)
- Manholes (Not GPS)
- Manholes (GPS)
- Cleanout (GPS)
- Dead End (GPS)



APPENDIX J
RAINFALL RECORDS

NOVEMBER 2018 INFLUENT vs RAINFALL

	NOVEMBER FLOW	MGD	NOVEMBER RAINFALL, IN.
1 ST		3.338	0.29
2		4.017	0.09
3		2.696	
4		2.406	0.25
5		2.774	0.20
6		2.513	
7		2.279	0.07
8		2.112	0.03
9		2.008	0.01
10		2.051	
11		1.795	
12		0.754	0.18
13		1.852	
14		1.798	0.15
15		1.992	0.02
16		1.756	
17		1.752	
18		1.716	0.01
19		1.663	
20		1.697	
21		1.680	
22		1.841	
23		1.575	0.25
24		1.659	
25		1.568	
26		1.599	
27		1.624	
28		1.900	
29		1.961	
30		1.949	0.15
TOTAL		60.325	TOTAL
AVER		2.011	AVER
			1.70
			0.13

DECEMBER 2018 INFLUENT vs RAINFALL

	DECEMBER FLOW	DECEMBER RAINFALL
1 ST	2.241	0.14
2	2.440	
3	2.108	
4	2.100	
5	2.109	
6	2.116	0.07
7	2.169	
8	2.060	0.08
9	1.951	
10	1.955	
11	2.306	
12	1.832	
13	1.863	0.96
14	3.596	0.35
15	6.745	0.18
16	7.957	
17	5.673	
18	3.156	
19	2.532	0.08
20	2.444	0.04
21	2.722	
22	2.376	
23	2.098	
24	1.965	
25	2.005	
26	1.959	0.08
27	2.477	0.64
28	5.478	
29	2.993	
30	2.495	0.21
31	2.564	0.43
	88.485	3.26
	2.854	0.27

JANUARY 2019 INFLUENT vs RAINFALL

DATE	JANUARY FLOW	JANUARY RAINFALL
1	5.698	
2	3.721	0.04
3	2.995	0.04
4	3.650	0.96
5	8.587	
6	4.252	
7	3.568	
8	2.767	
9	2.428	
10	2.100	
11	3.299	0.94
12	3.616	0.34
13	3.626	
14	3.669	
15	2.926	
16	2.465	
17	2.788	0.14
18	3.040	0.02
19	2.487	0.37
20	3.982	
21	3.116	
22	2.967	0.24
23	3.820	0.21
24	4.413	
25	3.800	0.01
26	3.751	
27	3.590	0.03
28	3.371	0.02
29	2.520	
30	2.551	
31	2.674	0.01
TOTAL	108.237	3.37
AVERAGE	3.492	0.24

APPENDIX K
OVERFLOW RECORDS

CONFIRMATION NUMBER

f3608e21-3760-47cb-aa09-ab4f3c0ba7df

(NOTE: You will need this number should you ever need to contact ADEQ concerning this report)

Date/Time Overflow Range

*Date Overflow Began:

12/17/2018

*Time:

1:00 pm

Date Overflow Ended:

12/17/2018

Time:

3:00 pm

Facility/Permit Information

*Facility Name:

MOUNTAIN HOME WASTEWATER

*Permit Number:

AR0021211

Location Information

Provide address and manhole number if numbered. Include where the overflow went into a yard, ditch, stream, storm sewer, building, or other. Be specific as possible.

MH# 122-110 - HARGRAVE STREET - ON GROUND

Description of Problem (check all items that apply)

Type of Overflow

Manhole Overflow Lift Station Overflow Main Line Overflow Service Line Overflow Other:

Cause of Overflow

I & I - Rainfall Roots Grease Debris Equipment Failure

Construction Vandalism Power Failure Line Failure/Break Other:

Volume of Overflow:

50

Impact of SSO Overflow Incident

SSO Reached Public Land Only (ground)

Environmental Damage (check all items that apply)

OEHC - Observed or Evidence of Human Contact OEEI - Observed or Evidence of Environmental Impact

EFK - Evidence of Fish Kill Manhole NEAH - No Evidence of Adverse Health/Environmental Impact

Action Taken (check all items that apply)

Short term and long-term action, including clean-up and any plans to remediate I & I.

Machine Rodded Jet-Vac Hand Rodded Used Generator to Power Pumps/Equipment
 Disinfected and Deodorized Hydro Cleaned Spread Lime on Affected Area Public Notification Other:

Reported By

"I certify" under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:

JOHN BEEBE

Title:

VAC OPERATOR

Phone:

870-656-2238

Email a Copy of This Report to the Email Address:

tsanders@cityofmountainhome.com

Additional Comments: