

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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PUBLIC SERVICE
COMMISSION

In the Matter of:

ALTERNATIVE RATE FILING OF HILLRIDGE) CASE NO. 2010-00426
FACILITIES, INC.)

COMMISSION STAFF'S REQUEST FOR INFORMATION
TO LOUISVILLE-JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT

The Louisville-Jefferson County Metropolitan Sewer District ("MSD") hereby files the original and 2 copies of the following information in response to the Commission Staff's Request for Information with a copy to all parties of record.

1. State MSD's intentions regarding the assumption of responsibility for providing sewer collection and treatment service for the area that Hillridge Facilities, Inc. ("Hillridge") currently serves.

ANSWER: MSD intends to await direction from the Kentucky Division of Water as to how to proceed regarding the flow presently treated by Hillridge Facilities in light of the expired Hillridge KPDES Permit which requires Hillridge to cease treatment and send its flow to a regional plant when one becomes available. If MSD is directed by the Kentucky Division of Water to accept flows from areas served by Hillridge, or if Hillridge is ordered to connect to MSD, MSD will proceed with the necessary easement acquisition and construction to follow that direction. If MSD reaches an agreement with Hillridge regarding treatment of the flows, it is also prepared to move forward with the necessary easement acquisition and construction.

2. Describe the circumstances which led to MSD conducting an infiltration and inflow video study of Hillridge's collection system.

ANSWER: MSD conducted the infiltration and inflow study of the Hillridge collection system during negotiations with Hillridge to assist in determining the extent of the infiltration and inflow issues in the system, the costs of repair of the system and the value or liability of the system.

3. Describe Hillridge's involvement in MSD's infiltration and inflow video study of Hillridge's collection system.

ANSWER: Hillridge agreed that MSD may perform the infiltration and inflow study but hired its own representative to stay with the MSD crews during the study in order to observe it.

4. Describe each federal or state regulatory agency approval, if any, that MSD requires to tap into Hillridge's collection system and divert sewage flows to MSD facilities.

ANSWER: If Hillridge follows the DOW directive in its various Notices of Violations and connects its system to MSD's system, then MSD will require construction approval from DOW to construct a short line between Hillridge's existing system and MSD's existing system. If Hillridge does not follow the DOW directive to connect to the MSD system, then MSD would require an order to connect from DOW in addition to the construction approval.

5. Describe all actions that MSD must take prior to tapping into Hillridge's collection system and divert sewage flows to MSD facilities.

ANSWER: MSD previously designed an interceptor to eliminate the Hillridge plant. When MSD and Hillridge did not reach an agreement for MSD to start treatment of the Hillridge flow, MSD subsequently redesigned the line to be located a very short distance away from the plant to accommodate future elimination. MSD would need to acquire two easements, both from Hillridge, complete the construction plans, receive construction plan approval from DOW and bid the project.

6. State the date by which MSD presently anticipates assuming responsibility for providing sewer collection and treatment service for the area that Hillridge currently serves.

ANSWER: MSD estimates that 60 days are needed to obtain easement, receive construction approvals, bid and construct the project from the date the system is acquired through negotiations, from the date that MSD is directed by DOW to intercept the flow or the date Hillridge is directed by DOW to connect to MSD.

7. Describe the severity rating system that is used in the report of MSD's infiltration and inflow video study of Hillridge's collection system. Indicate the significance of each rating used.

ANSWER: MSD utilized the industry standard PACP rating codes. These codes are ratings from one to five with anything rated 4 or 5 considered sever. Grade 1 is acceptable structural condition. Grade 2 is minimal collapse risk. Grade 3 is collapse unlikely in the near future. Grade 4 is collapse likely in the foreseeable future. Grade 5 is collapsed or collapse imminent.

8. Assuming that MSD were to acquire responsibility for Hillridge's collection system, describe that actions that MSD must undertake to bring the system into

compliance with acceptable standards and state the priority that MSD would place on each action and the expected cost of each action.

ANSWER: In accordance with the provisions of the MSD Amended Consent Decree previously placed in the record, and specifically with the Capacity, Management, Operations, and Maintenance (CMOM) Program and the associated System Capacity Assurance Plan (SCAP), MSD has previously performed improvements in the receiving system and has budgeted work prepared to be performed within the next year to correct numerous deficiencies within the receiving system. This work is currently in the process of being prioritized. If MSD acquires or is directed to assume this system, the Hillridge system deficiencies will be prioritized along with the rest of the system to achieve the most improvement in order to eliminate or reduce potential downstream overflows. As a general practice, under CMOM and SCAP, MSD would replace or slip line large areas of deteriorating pipe with Cured In Place Pipe (CIPP) instead of repair shorter areas which will simply shift the inflow and infiltration to adjacent pipe. MSD estimates that it will cost \$1,632,282.20 to rehabilitate the Hillridge system. All of that work will not be done at once. Instead, MSD will commit to removing one gallon for flow for each gallon it takes on from the system. Attached are several documents regarding the

rehabilitation. Hillridge is in the Lea Ann Way area which is divided into east and west, only the west area has completed information. Including an estimate of cost of rehabilitate the Hillridge system, sanitary sewer statistics for the Lea Ann Way West project area, Lea Ann Way West Defect Data and Recommendations based on CCTV inspection, Lea Ann Way West Defect Data and Recommendations based on Smoke Testing and a map of the Lea Ann Way West area.

Respectfully submitted,



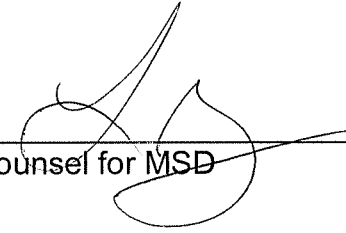
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Certificate of Service

Counsel certifies that, on this the 13rd day of April 2011, an original and two copies was filed by fax and overnight delivery to Jeff Derouen, Executive Director, Public Service Commission, 211 Sower Boulevard, Frankfort, KY 40601. A copy was served on the following by U.S. Mail, first-class, postage prepaid:

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Counsel for MSD

Hillridge Sanitary System Rehabilitation Project

Existing Stats

47,505 LF of Sewer (4" to 15" dia.)

277 Manholes

STANDARD ITEM DESCRIPTION	UNIT REQ	UNITS	UNIT COST	TOTAL COST	NOTES:
SANITARY SEWERS					
8-Inch Sanitary Sewer Pipe	2,552	L.F.	\$130.00	\$331,760.00	Full replacement for Structural Codes 4 and 5
Saddle and Connection for PSC	48	EA.	\$600.00	\$28,800.00	Based on house count near lines to be replaced.
MANHOLES					
4-FOOT DIA TYPE I MANHOLES W/CASTING	16	EA.	\$3,500.00	\$56,000.00	Based on new 8-inch segments
MANHOLE REHABILITATION-EPOXY LINER	152	EA.	\$3,000.00	\$456,000.00	Approximately 55% of sewers need rehab, used same percentage for manholes. Could be much less. Manhole were not inspected.
CURED IN PLACE PIPE 8-INCH	11537	L.F.	\$28.00	\$323,036.00	Line all 2 and 3 structural defects, all I/I defects.
PSC Top Hats, 4-INCH	198	EA.	\$1,500.00	\$297,000.00	Based on house count near lining.
ROOT REMOVAL					
Medium Cleaning, w/ Root Control	14650	L.F.	\$2.00	\$29,300.00	All remaining root defect segments not getting replaced or lined
EROSION CONTROL	1	LS	\$8,000.00	\$8,000.00	Guess, based on project size
PAVEMENT					
Pavement Restoration Utility Cut in Road 8-inch Pipe	2,102	L.F.	\$22.00	\$46,244.00	All sewer line to be replace in asphalt minus 450 LF
Milling of Roads to be Resurfaced	500	L.F.	\$3.00	\$1,500.00	
Resurfacing	1,200	S.Y.	\$4.50	\$5,400.00	
VIDEO RECORDING	1	L.S.	\$500.00	\$500.00	
VACUUM EXCAVATIONS	8	EA.	\$150.00	\$1,200.00	
SUBTOTAL				\$1,584,740.00	
BONDS (1.5% OF THE SUBTOTAL)			1	L.S.	\$23,771.10
MOBIL./DEMOB. (1% OF THE SUBTOTAL)			1	L.S.	\$23,771.10

TOTAL

\$1,632,282.20



SSSES Statistics

Project: Lea Ann Way West

Date: 8/31/2009

Property Service Connections

Total 4,473
Basements 2,415

Pump Stations

Facility ID	Name	Type	Owner
MSD1010-PS	LEA ANN WAY	BLDG	MSD
MSD0099-PS	POPLAR LEVEL	BLDG	MSD

Sewers

Manholes 1,357 Avg. Depth 7.7 ft
Force Mains 2,597 LF
Main Sewers 287,784 LF Avg. Length 177 ft

Main Sewer Pipe Diameters

Diameter	LF	% Total	
4	0	0.0%	
6	787	0.3%	
8	226,919	78.9%	
10	21,433	7.4%	
12	12,645	4.4%	
15	3,472	1.2%	
18	4,792	1.7%	18-inch and greater are included as
24	4,678	1.6%	part of ICA Phase III Project
27	1,068	0.4%	
30	0	0.0%	
36	9,972	3.5%	
42	179	0.1%	
48	0	0.0%	
54	0	0.0%	
60	0	0.0%	
66	0	0.0%	
72	0	0.0%	
78	0	0.0%	
84	0	0.0%	
96	0	0.0%	
108	0	0.0%	
120	0	0.0%	
132	0	0.0%	
144	0	0.0%	
152	0	0.0%	
162	0	0.0%	
Total	287,784		

Main Sewer Pipe Material

Material	LF	% Total	Description
ABP	0	0.0%	Paved Invert Asbestos-Bonded
ABS	0	0.0%	Acrylonitrile Butadiene Styre
ACP	0	0.0%	Asbestos Cement Pipe
ADS	0	0.0%	Corugated Plastic
BRK	0	0.0%	Brick
CIP	199	0.1%	Cast Iron Pipe
CMP	0	0.0%	Corrugated Metal Pipe
CON	2,618	0.9%	Poured-in-place Concrete
CPP	4,107	1.4%	Cured-in-place Pipe
DIP	200	0.1%	Ductile Iron Pipe
HDPE	0	0.0%	High Density Polyethylene
PEP	0	0.0%	Polyethylene Pipe
PVC	112,831	39.2%	Polyvinylchloride
RCP	18,632	6.5%	Reinforced Concrete Pipe
ST	0	0.0%	Segmented Tile
STL	0	0.0%	Steel
VCP	149,197	51.8%	Vitirfied Clay Pipe
Total	287,784		

**Lea Ann Way West
Defect Data and
Recommendations Table
CCTV Inspection**

1 of 11

Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
17666	17671	280.0	8	VCP			25	CIPP	8,400
17667	17666	172.0	8	VCP			16	CIPP	5,160
17671	18019	353.0	8	VCP			32	CIPP	10,590
17672	17671	80.0	8	VCP			7	CIPP	2,400
17673	17674	177.0	8	VCP			16	CIPP	5,310
17677	17678	150.0	8	VCP			14	CIPP	4,500
18019	18018	246.0	8	VCP			22	CIPP	7,380
18023	18024	109.0	8	VCP			10	CIPP	3,270
18024	18025	270.0	8	VCP			25	CIPP	8,100
19343	19344	401.0	8	VCP			36	CIPP	12,030
19346	31064	319.0	8	VCP			16,433	CIPP	9,570
19348	19347	382.0	15	Conc			36,898	CIPP	19,100
19350	19349	398.0	15	Conc			68	CIPP	19,900
19351	19350	204.0	15	Conc			35	CIPP	10,200
19352	19351	197.0	8	VCP			10,148	CIPP	5,910
19354	19353	373.0	8	VCP			34	CIPP	11,190
19355	81965	20.0	8	PVC			2	CIPP	600
19356	19355	406.0	8	VCP			37	CIPP	12,180
19357	19356	375.0	8	VCP			34	CIPP	11,250
19360	19359	152.0	12	VCP			11,745	CIPP	4,560
19361	19360	215.0	8	VCP			11,076	CIPP	6,450
19362	19361	404.0	8	VCP			37	CIPP	12,120
19363	19362	262.0	8	VCP			24	CIPP	7,860
19364	19363	108.0	8	VCP			10	CIPP	3,240
19368	58608	146.0	12	VCP			11,282	CIPP	4,380
19369	19368	156.0	12	VCP			12,055	CIPP	4,680
19371	19370	165.0	8	VCP			8,500	CIPP	4,950
19374	58610	198.0	8	VCP			18	CIPP	5,940
19379	58580	154.0	12	VCP			11,900	CIPP	4,620
19380	19379	60.0	8	VCP			3,091	CIPP	1,800
19388	19391	402.0	8	VCP			37	CIPP	12,060
19391	19392	318.0	8	VCP			29	CIPP	9,540
19394	19395	263.0	8	VCP			24	CIPP	7,890
26990	26991	136.0	8	VCP			12	CIPP	4,080
26991	82417	353.0	8	VCP			32	CIPP	10,590
27225	19396	303.0	8	VCP			28	CIPP	9,090
27786	27787	155.1	8	VCP			14	CIPP	4,653
27788	96075	139.9	8	VCP			7,207	CIPP	4,197
27796	31265	378.0	8	VCP			34	CIPP	11,340
29709	29711	95.0	8	VCP			9	CIPP	2,850
29711	29712	196.0	8	VCP			18	CIPP	5,880
29712	29713	192.0	8	VCP			17	CIPP	5,760
29713	31070	386.0	8	VCP			19,885	CIPP	11,580
29714	29710	277.0	8	VCP			25	CIPP	8,310
29715	29716	150.0	8	VCP			14	CIPP	4,500
29716	29718	284.0	8	VCP			26	CIPP	8,520
29719	29720	194.4	8	VCP			10,015	CIPP	5,832

**Lea Ann Way West
Defect Data and
Recommendations Table
CCTV Inspection**

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
29721	29722	242.0	10	VCP			28	CIPP	7,260
29722	29723	289.0	12	VCP			39	CIPP	8,670
29724	29725	318.0	15	VCP			54	CIPP	15,900
29725	29726	402.0	15	VCP			69	CIPP	20,100
29738	29739	296.0	8	VCP			15,248	CIPP	8,880
29740	29741	376.0	8	VCP			19,370	CIPP	11,280
29744	29743	324.0	8	VCP			16,691	CIPP	9,720
29745	29744	322.0	8	VCP			16,588	CIPP	9,660
29746	29747	241.0	8	VCP			Refer to Smoke	CIPP	7,230
29747	29748	300.0	8	VCP			15,455	CIPP	9,000
29749	29750	276.0	8	VCP			14,218	CIPP	8,280
29759	29758	136.0	8	VCP			12	CIPP	4,080
29760	29761	230.0	8	VCP			21	CIPP	6,900
29765	29764	114.0	8	VCP			10	CIPP	3,420
29767	29766	205.0	8	VCP			10,561	CIPP	6,150
29770	29771	400.0	8	VCP			20,606	CIPP	12,000
29777	29776	149.0	8	VCP			14	CIPP	4,470
29786	29785	169.0	8	VCP			15	CIPP	5,070
29789	29790	240.0	8	VCP			12,364	CIPP	7,200
29794	29793	363.0	8	VCP			18,700	CIPP	10,890
29854	29852	100.0	10	VCP			11	CIPP	3,000
29858	29857	251.0	8	VCP			23	CIPP	7,530
29863	29866	400.0	8	VCP			36	CIPP	12,000
29866	29854	318.0	8	VCP			16,382	CIPP	9,540
29870	29871	214.0	8	VCP			19	CIPP	6,420
29871	29872	403.0	8	VCP			37	CIPP	12,090
29872	29873	360.0	8	VCP			33	CIPP	10,800
29873	29875	398.0	8	VCP			36	CIPP	11,940
29875	29876	401.0	8	VCP			36	CIPP	12,030
29876	29877	422.0	8	VCP			38	CIPP	12,660
29877	29762	152.0	8	VCP			14	CIPP	4,560
29887	31069	279.4	10	VCP			32	CIPP	8,382
29889	29900	296.2	8	VCP			15,259	CIPP	8,886
29890	29891	180.2	8	VCP			16	CIPP	5,406
29891	29892	97.6	10	VCP			11	CIPP	2,928
29892	29904	184.7	8	VCP			9,515	CIPP	5,541
29895	29896	150.2	8	VCP			7,738	CIPP	4,506
29900	29899	209.0	10	VCP			Refer to Smoke	CIPP	6,270
29903	29901	317.4	8	VCP			16,351	CIPP	9,522
29906	29899	202.3	8	VCP			10,422	CIPP	6,069
29910	27788	252.5	8	VCP			23	CIPP	7,575
29916	31068	301.6	8	VCP			27	CIPP	9,048
29938	29936	282.0	8	VCP			26	CIPP	8,460
29939	29938	289.0	8	VCP			26	CIPP	8,670
29941	31084	158.9	8	VCP			8,186	CIPP	4,767
29942	29943	159.2	8	VCP			Refer to Smoke	CIPP	4,776
29957	29958	147.5	8	VCP			13	CIPP	4,425

**Lea Ann Way West
Defect Data and
Recommendations Table
CCTV Inspection**

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
29962	29961	247.0	8	VCP			22	CIPP	7,410
29963	29962	284.0	8	VCP			26	CIPP	8,520
29969	29968	368.0	8	VCP			33	CIPP	11,040
29972	29971	357.0	8	VCP			32	CIPP	10,710
29973	29972	403.0	8	VCP			37	CIPP	12,090
29978	29976	251.0	8	VCP			23	CIPP	7,530
29979	29978	250.0	8	VCP			23	CIPP	7,500
29980	29979	302.0	8	VCP			27	CIPP	9,060
29982	29980	162.0	8	VCP			15	CIPP	4,860
29986	29985	268.0	8	VCP			13,806	CIPP	8,040
29987	27796	252.0	8	VCP			23	CIPP	7,560
29993	29992	233.0	8	VCP			21	CIPP	6,990
30239	30240	298.3	8	VCP			15,367	CIPP	8,949
30953	30954	400.0	8	VCP			36	CIPP	12,000
30954	54868	396.0	8	VCP			20,400	CIPP	11,880
30994	29872	191.0	8	VCP			17	CIPP	5,730
30995	29761	224.0	8	VCP			20	CIPP	6,720
31064	31065	102.0	8	VCP			5,255	CIPP	3,060
31065	19351	220.0	8	VCP			11,333	CIPP	6,600
31073	31075	375.0	12	VCP			Refer to Smoke	CIPP	11,250
31074	31073	73.1	12	VCP			5,649	CIPP	2,193
31075	87315	113.9	12	PVC			8,801	CIPP	3,417
31076	29906	260.8	8	VCP			13,435	CIPP	7,824
31077	31076	245.5	8	VCP			22	CIPP	7,365
31078	31077	245.5	8	VCP			22	CIPP	7,365
31086	29925	194.6	8	VCP			18	CIPP	5,838
31095	29967	97.0	8	VCP			9	CIPP	2,910
31096	29960	342.0	10	VCP			39	CIPP	10,260
31265	31264	258.0	8	VCP			23	CIPP	7,740
32228	32227	298.0	8	VCP			27	CIPP	8,940
47209	47210	135.4	8	PVC			6,975	CIPP	4,062
47244	63917	391.4	8	VCP			36	CIPP	11,742
47259	47254	400.9	8	VCP			Refer to Smoke	CIPP	12,027
54585	54604	196.5	12	VCP			27	CIPP	5,895
54590	54591	123.7	8	VCP			11	CIPP	3,711
54591	79083	399.3	8	VCP			36	CIPP	11,979
54595	54594	84.4	8	VCP			4,348	CIPP	2,532
54637	54638	194.9	8	VCP			10,040	CIPP	5,847
54894	54892	201.0	8	VCP			18	CIPP	6,030
54897	17676	107.0	8	VCP			10	CIPP	3,210
57850	29919	348.9	8	VCP			17,974	CIPP	10,467
57851	57850	237.0	8	VCP			12,209	CIPP	7,110
57852	57851	348.4	8	VCP			32	CIPP	10,452
58442	82502	260.9	8	VCP			24	CIPP	7,827
58443	82502	175.0	8	VCP			16	CIPP	5,250
58444	58447	237.0	8	VCP			22	CIPP	7,110
58445	58446	281.5	8	VCP			26	CIPP	8,445

**Lea Ann Way West
Defect Data and
Recommendations Table
CCTV Inspection**

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
58448	58447	311.4	8	VCP			28	CIPP	9,342
58450	58448	401.8	8	VCP			37	CIPP	12,054
58464	58465	113.5	8	VCP			10	CIPP	3,405
58476	54895	240.0	8	VCP			22	CIPP	7,200
58477	58476	213.0	8	VCP			19	CIPP	6,390
58579	19374	210.0	8	VCP			19	CIPP	6,300
58581	19379	62.0	8	VCP			3,194	CIPP	1,860
58584	19372	289.0	8	VCP			26	CIPP	8,670
58585	58584	336.0	8	VCP			31	CIPP	10,080
58611	19399	198.0	8	VCP			18	CIPP	5,940
63273	58445	313.7	8	VCP			29	CIPP	9,411
63276	63277	145.5	8	VCP			13	CIPP	4,365
63282	63273	441.2	8	VCP			40	CIPP	13,236
63287	63288	254.1	8	VCP			23	CIPP	7,623
63294	58459	391.3	8	PVC			20,158	CIPP	11,739
63917	47246	192.0	8	VCP			9,891	CIPP	5,760
79080	79080A	194.5	10	VCP			22	CIPP	5,835
79084	54591	114.0	8	VCP			10	CIPP	3,420
79088	54602	154.2	8	VCP			14	CIPP	4,626
79090	79086	300.3	8	VCP			27	CIPP	9,009
79095	82414	400.4	8	VCP			20,627	CIPP	12,012
79097	74849	357.8	8	VCP			18,432	CIPP	10,734
82417	18027	285.0	8	VCP			26	CIPP	8,550
82429	54866	173.9	8	VCP			8,958	CIPP	5,217
83642	83643	219.7	8	VCP			20	CIPP	6,591
86535	19379	74.0	12	VCP			5,718	CIPP	2,220
86546	58589	237.0	8	VCP			22	CIPP	7,110
97000	58464	18.1	8	VCP			2	CIPP	543
19354-ST	19354	96.0	8	VCP			9	CIPP	2,880
29786-ST	29786	25.0	8	VCP			2	CIPP	750
29874-ST	29874	18.0	8	VCP			2	CIPP	540
54892A	54892	172.0	8	VCP			16	CIPP	5,160
57851-LH	57851	21.5	8	VCP			2	CIPP	645
58577-ST	58577	20.0	8	VCP			2	CIPP	600
17668	17667	218.0	8	VCP			20	CIPP2	6,540
17669	17670	181.0	8	VCP			16	CIPP2	5,430
17670	17671	68.0	8	VCP			6	CIPP2	2,040
17675	32228	148.0	8	VCP			13	CIPP2	4,440
17676	17677	161.0	8	VCP			15	CIPP2	4,830
17679	17675	102.0	8	VCP			9	CIPP2	3,060
17680	17679	121.0	8	VCP			11	CIPP2	3,630
18018	32221	171.3	8	VCP			16	CIPP2	5,139
19344	19345	364.0	8	VCP			33	CIPP2	10,920
19345	19346	333.0	8	VCP			17,155	CIPP2	9,990
19349	19348	307.0	15	Conc			Refer to Smoke	CIPP2	15,350
19353	19352	170.0	8	VCP			8,758	CIPP2	5,100
19358	19357	348.0	8	VCP			32	CIPP2	10,440

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
19359	19351	308.0	12	VCP			42	CIPP2	9,240
19365	19364	129.0	8	VCP			12	CIPP2	3,870
19366	19367	209.0	8	VCP			19	CIPP2	6,270
19367	19368	52.0	10	VCP			6	CIPP2	1,560
19372	19371	118.0	8	VCP			11	CIPP2	3,540
19373	19372	131.0	8	VCP			12	CIPP2	3,930
19375	58610	180.0	8	VCP			16	CIPP2	5,400
19376	19375	75.0	8	VCP			7	CIPP2	2,250
19377	19376	88.0	8	VCP			8	CIPP2	2,640
19378	26145	237.0	8	VCP			22	CIPP2	7,110
19381	19380	16.0	8	VCP			824	CIPP2	480
19382	19381	223.0	8	VCP			11,488	CIPP2	6,690
19386	58611	110.0	8	VCP			10	CIPP2	3,300
19387	19386	130.0	8	VCP			12	CIPP2	3,900
19392	19393	139.0	8	VCP			13	CIPP2	4,170
19393	19394	391.0	8	VCP			36	CIPP2	11,730
19396	19367	85.0	8	VCP			8	CIPP2	2,550
19397	27225	209.0	8	VCP			19	CIPP2	6,270
19398	19399	125.0	8	VCP			11	CIPP2	3,750
19399	86534	11.0	8	VCP			1	CIPP2	330
26144	19370	144.0	12	VCP			11,127	CIPP2	4,320
26145	58581	91.0	8	VCP			8	CIPP2	2,730
26989	26990	127.0	8	PVC			12	CIPP2	3,810
29710	29709	57.0	8	VCP			Refer to Smoke	CIPP2	1,710
29717	29718	92.0	8	VCP			8	CIPP2	2,760
29718	29719	228.0	8	VCP			21	CIPP2	6,840
29723	29724	282.0	12	VCP			38	CIPP2	8,460
29739	29740	218.0	8	CPP			11,230	CIPP2	6,540
29741	29742	327.0	8	VCP			16,845	CIPP2	9,810
29748	29749	130.0	8	CPP			6,697	CIPP2	3,900
29758	29760	340.0	8	VCP			31	CIPP2	10,200
29761	29762	364.0	8	VCP			33	CIPP2	10,920
29762	29763	238.0	8	VCP			22	CIPP2	7,140
29763	29768	190.0	8	VCP			17	CIPP2	5,700
29764	29763	136.0	8	CPP			12	CIPP2	4,080
29766	29765	202.0	8	VCP			10,408	CIPP2	6,060
29768	29769	247.0	8	VCP			12,724	CIPP2	7,410
29769	29770	400.0	8	VCP			20,606	CIPP2	12,000
29771	29773	319.0	12	VCP			44	CIPP2	9,570
29773	29775	164.0	12	VCP			22	CIPP2	4,920
29775	29776	154.0	12	VCP			21	CIPP2	4,620
29776	29778	320.0	12	VCP			44	CIPP2	9,600
29778	29781	328.2	15	VCP			Refer to Smoke	CIPP2	16,410
29779	29778	318.0	12	VCP			43	CIPP2	9,540
29782	29779	300.0	12	VCP			41	CIPP2	9,000
29784	29782	255.0	12	VCP			35	CIPP2	7,650
29785	29784	208.0	12	VCP			28	CIPP2	6,240

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
29787	29785	205.0	12	VCP			28	CIPP2	6,150
29788	29787	249.0	12	VCP			34	CIPP2	7,470
29790	29779	379.0	10	VCP			24,405	CIPP2	11,370
29791	29790	382.0	8	VCP			19,679	CIPP2	11,460
29793	29791	300.0	8	VCP			15,455	CIPP2	9,000
29799	29793	94.0	10	VCP			6,053	CIPP2	2,820
29800	29799	135.0	8	VCP			6,955	CIPP2	4,050
29856	29855	395.7	8	VCP			36	CIPP2	11,871
29857	29856	273.0	8	VCP			25	CIPP2	8,190
29864	29863	80.0	8	VCP			7	CIPP2	2,400
29865	29864	180.0	8	VCP			16	CIPP2	5,400
29867	29863	198.0	8	VCP			18	CIPP2	5,940
29868	29867	299.0	8	VCP			27	CIPP2	8,970
29869	29868	82.0	8	VCP			7	CIPP2	2,460
29874	29873	98.0	8	VCP			9	CIPP2	2,940
29886	29887	131.2	8	VCP			Refer to Smoke	CIPP2	3,936
29893	29890	117.8	8	VCP			11	CIPP2	3,534
29898	29899	168.6	8	VCP			8,685	CIPP2	5,058
29899	29901	125.1	12	VCP			9,667	CIPP2	3,753
29901	87309	96.2	15	VCP			9,292	CIPP2	4,810
29904	29905	28.5	8	VCP			1,468	CIPP2	855
29925	29946	124.3	8	VCP			6,403	CIPP2	3,729
29930	29931	116.5	8	VCP			11	CIPP2	3,495
29931	29932	264.4	8	VCP			13,621	CIPP2	7,932
29932	29933	40.0	8	VCP			2,061	CIPP2	1,200
29940	29941	112.0	8	VCP			10	CIPP2	3,360
29946	29947	36.1	8	VCP			1,860	CIPP2	1,083
29947	29948	193.6	12	GPP			14,960	CIPP2	5,808
29948	31074	245.6	12	VCP			18,978	CIPP2	7,368
29950	31073	105.7	8	VCP			5,445	CIPP2	3,171
29958	31093	203.9	12	VCP			15,756	CIPP2	6,117
29959	29958	230.1	8	VCP			21	CIPP2	6,903
29960	29959	312.1	8	VCP			28	CIPP2	9,363
29961	29940	206.0	8	VCP			19	CIPP2	6,180
29964	29963	205.0	8	VCP			19	CIPP2	6,150
29965	29964	192.0	8	VCP			17	CIPP2	5,760
29966	29964	295.0	8	VCP			27	CIPP2	8,850
29967	29966	160.0	8	VCP			15	CIPP2	4,800
29968	31095	39.0	8	VCP			4	CIPP2	1,170
29970	29969	150.0	8	VCP			14	CIPP2	4,500
29971	29970	209.0	8	VCP			19	CIPP2	6,270
29974	29960	118.0	8	VCP			11	CIPP2	3,540
29975	29974	226.0	8	VCP			21	CIPP2	6,780
29976	29975	228.0	8	VCP			21	CIPP2	6,840
29977	29976	125.0	8	VCP			11	CIPP2	3,750
29981	29982	93.0	8	VCP			8	CIPP2	2,790
29983	29982	133.0	8	VCP			12	CIPP2	3,990

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
31063	29854	176.0	8	VCP			16	CIPP2	5,280
31070	29719	396.0	8	VCP			Refer to Smoke	CIPP2	11,880
31083	31084	246.4	10	VCP			15,867	CIPP2	7,392
31084	29943	269.4	10	VCP			17,348	CIPP2	8,082
31085	29941	113.2	8	VCP			10	CIPP2	3,396
31093	87319	43.4	12	RCP			3,354	CIPP2	1,302
31278	89138	119.0	8	PVC			Refer to Smoke	CIPP2	3,570
31644	29973	180.0	8	VCP			16	CIPP2	5,400
31784	29892	305.8	8	VCP			28	CIPP2	9,174
31911	79078	46.2	10	VCP			2,975	CIPP2	1,386
32236	32235	192.8	8	VCP			18	CIPP2	5,784
34876	86535	134.0	10	VCP			Refer to Smoke	CIPP2	4,020
47245	47246	43.5	8	VCP			2,239	CIPP2	1,304
47246	54537	235.9	8	VCP			12,152	CIPP2	7,077
54022	82429	399.0	8	VCP			20,555	CIPP2	11,970
54537	80536	315.1	8	VCP			16,232	CIPP2	9,453
54592	79084	107.8	8	VCP			10	CIPP2	3,234
54593	79077	350.9	10	VCP			22,596	CIPP2	10,527
54594	54593	398.4	8	VCP			20,524	CIPP2	11,952
54596	54594	177.2	8	VCP			9,128	CIPP2	5,316
54866	54867	207.9	8	PVC			10,710	CIPP2	6,237
54895	54894	352.0	8	VCP			32	CIPP2	10,560
58446	58452	71.3	8	VCP			6	CIPP2	2,139
58451	58450	141.5	8	VCP			7,289	CIPP2	4,245
58452	58453A	326.7	8	VCP			30	CIPP2	9,801
58454	58451	116.8	8	VCP			6,017	CIPP2	3,504
58455	63279	194.0	8	VCP			Refer to Smoke	CIPP2	5,820
58457	58455	272.7	8	VCP			14,048	CIPP2	8,181
58459	82503	107.0	8	VCP			5,512	CIPP2	3,210
58498	58457	268.5	8	VCP			13,832	CIPP2	8,055
58499	82504A	135.0	9	VCP			7,824	CIPP2	4,050
58577	58578	220.0	8	VCP			20	CIPP2	6,600
58578	58579	233.0	8	VCP			21	CIPP2	6,990
58580	58582	311.0	12	VCP			24,032	CIPP2	9,330
58582	58583	265.0	12	VCP			20,477	CIPP2	7,950
58583	26144	395.0	12	VCP			30,523	CIPP2	11,850
58587	19365	130.0	8	VCP			12	CIPP2	3,900
58588	58587	48.0	8	VCP			4	CIPP2	1,440
58589	58588	101.0	8	VCP			9	CIPP2	3,030
58607	19360	212.0	12	VCP			16,382	CIPP2	6,360
58608	58607	11.3	12	VCP			873	CIPP2	339
58609	19373	62.0	8	VCP			6	CIPP2	1,860
63279	58454	82.1	8	VCP			4,229	CIPP2	2,463
63288	58498	105.6	8	VCP			10	CIPP2	3,168
63292	63293	79.2	8	PVC			7	CIPP2	2,376
63293	63294	117.6	8	PVC			11	CIPP2	3,528
79077	31911	156.6	10	VCP			10,084	CIPP2	4,698

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
79078	79079	141.3	12	VCP			10,919	CIPP2	4,239
79079	54585	129.3	12	VCP			18	CIPP2	3,879
79082	54593	58.1	8	VCP			2,993	CIPP2	1,743
79083	79082	399.5	8	VCP			36	CIPP2	11,985
79086	79087	165.4	8	VCP			15	CIPP2	4,962
79087	79088	40.9	8	VCP			4	CIPP2	1,227
80536	54595	311.8	8	VCP			16,062	CIPP2	9,354
82502	58444	294.1	8	VCP			27	CIPP2	8,823
82503	58499	74.0	8	VCP			3,812	CIPP2	2,220
82504	82504C	105.1	8	VCP			Refer to Smoke	CIPP2	3,153
86534	19397	95.0	8	VCP			9	CIPP2	2,850
87330	87329	50.3	10	PVC			3,239	CIPP2	1,509
89116	89115	275.3	10	PVC			17,728	CIPP2	8,259
89117	89116	60.9	10	PVC			3,922	CIPP2	1,827
89122	105980	102.1	10	PVC			Refer to Smoke	CIPP2	3,083
94425	94425A	100.1	8	VCP			Refer to Smoke	CIPP2	3,003
104218	29713	141.0	8	PVC			Refer to Smoke	CIPP2	4,230
104219	104218	149.0	8	PVC			7,676	CIPP2	4,470
106449	89117	156.0	10	PVC			10,045	CIPP2	4,680
788-ST	29788	65.0	8	VCP			6	CIPP2	1,950
29903-ST	29903	41.7	8	VCP			2,148	CIPP2	1,251
57852-LH	57852	71.2	8	VCP			6	CIPP2	2,136
58453A	54853	45.7	8	VCP			4	CIPP2	1,371
63288A	63288	208.6	8	VCP			19	CIPP2	6,258
63292-ST	63292	5.0	8	PVC			0	CIPP2	150
79080A	79081	122.0	10	VCP			14	CIPP2	3,660
82504A	82504	18.8	8	VCP			968	CIPP2	564
82504B	82504A	128.0	8	VCP			6,594	CIPP2	3,840
82504C	82504D	87.9	8	VCP			4,528	CIPP2	2,637
82504D	58498	214.7	8	VCP			11,060	CIPP2	6,441
94425A	58459	14.0	8	VCP			721	CIPP2	420
18020	18021	110.0	8	VCP			0	CLEAN	110
18025	18022	196.0	8	VCP			0	CLEAN	196
19385	19388	135.0	8	VCP			0	CLEAN	135
21123	21124	203.0	8	VCP			0	CLEAN	203
21124	18025	225.0	8	VCP			0	CLEAN	225
29859	29862	400.0	8	VCP			0	CLEAN	400
29862	29853	175.0	8	VCP			0	CLEAN	175
29880	29879	101.3	8	VCP			0	CLEAN	101
29909	29896	235.9	10	VCP			0	CLEAN	236
29996	29997	270.7	8	VCP			0	CLEAN	271
31266	27796	164.0	8	VCP			0	CLEAN	164
31268	31267	232.0	8	VCP			0	CLEAN	232
31270	31269	375.0	8	VCP			0	CLEAN	375
32217	54888	171.3	8	VCP			0	CLEAN	171
33789	33787	163.0	8	VCP			0	CLEAN	163
7243	80533	314.8	8	VCP			0	CLEAN	315

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
47254	MSD0099-PS	242.1	10	VCP			0	CLEAN	242
47257	47256	253.7	10	VCP			0	CLEAN	254
54600	54603	255.2	8	VCP			0	CLEAN	255
54604	79075	369.6	12	VCP			0	CLEAN	370
54613	54614	289.3	8	VCP			0	CLEAN	289
54871	54868	196.7	10	VCP			0	CLEAN	197
55989	63895	80.0	10	VCP			0	CLEAN	80
55991	55990	197.1	10	VCP			0	CLEAN	197
63895	54872	335.2	8	VCP			0	CLEAN	335
78870	78871	317.2	10	PVC			0	CLEAN	317
103967	47226	196.3	8	PVC			0	CLEAN	196
113629	78871	222.6	10	PVC			0	CLEAN	223
18023-ST	18023	4.0	8	VCP			0	CLEAN	4
19343-ST	19343	63.0	8	VCP			0	CLEAN	63
19390-ST	19390	61.0	8	VCP			0	CLEAN	61
21123-ST	21123	5.0	8	VCP			0	CLEAN	5
29715-ST	29715	1.0	8	VCP			0	CLEAN	1
29777-ST	29777	33.0	8	VCP			0	CLEAN	33
29870-ST	29870	7.0	8	VCP			0	CLEAN	7
33787-ST	33787	13.0	8	VCP			0	CLEAN	13
33789-ST	33789	10.0	8	PVC			0	CLEAN	10
54592-ST	54592	7.0	8	VCP			0	CLEAN	7
54889-ST	54889	12.2	8	VCP			0	CLEAN	12
54892A-ST	54892A	8.0	8	VCP			0	CLEAN	8
63294-ST	63294	20.6	8	VCP			0	CLEAN	21
18021	54885	115.7	8	VCP			0	CLEAN2	116
18022	18021	103.0	8	VCP			0	CLEAN2	103
19383	19384	63.0	8	VCP			0	CLEAN2	63
19384	19385	93.0	8	VCP			0	CLEAN2	93
19389	19388	398.0	8	VCP			0	CLEAN2	398
19390	19389	95.0	8	VCP			0	CLEAN2	95
29853	29852	148.0	8	VCP			0	CLEAN2	148
29860	29859	122.0	8	VCP			0	CLEAN2	122
29861	29860	7.0	8	VCP			0	CLEAN2	7
29878	29709	367.0	8	VCP			0	CLEAN2	367
29879	29878	39.8	8	VCP			0	CLEAN2	40
29881	29880	332.3	8	VCP			0	CLEAN2	332
29882	29881	390.4	8	VCP			0	CLEAN2	390
29888	29887	136.0	8	VCP			0	CLEAN2	136
29897	29900	313.0	10	CPP			0	CLEAN2	313
29914	29879	211.7	10	VCP			0	CLEAN2	212
31069	29914	214.3	10	VCP			0	CLEAN2	214
31267	31266	57.0	8	VCP			0	CLEAN2	57
31269	31268	308.0	8	VCP			0	CLEAN2	308
31271	31270	287.0	8	VCP			0	CLEAN2	287
31272	31271	377.0	8	VCP			0	CLEAN2	377
31273	31272	271.0	8	VCP			0	CLEAN2	271

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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
33787	33786	317.0	8	PVC			0	CLEAN2	317
33788	33787	70.0	8	VCP			0	CLEAN2	70
33790	33789	11.0	8	VCP			0	CLEAN2	11
47214	78871	316.3	10	PVC			0	CLEAN2	316
47226	47227	371.6	10	PVC			0	CLEAN2	372
47227	47228	340.7	10	PVC			0	CLEAN2	341
47228	78870	176.6	10	PVC			0	CLEAN2	177
47255	47254	8.8	10	VCP			0	CLEAN2	9
47256	47255	87.5	10	VCP			0	CLEAN2	88
54599	54600	254.2	8	VCP			0	CLEAN2	254
54601	54600	173.6	8	VCP			0	CLEAN2	174
54602	54601	191.0	8	VCP			0	CLEAN2	191
54872	54871	404.3	8	VCP			0	CLEAN2	404
54885	87330	140.9	8	PVC			0	CLEAN2	141
54888	87329	87.9	8	PVC			0	CLEAN2	88
55990	90620	176.3	10	VCP			0	CLEAN2	176
83643	29888	229.6	8	VCP			0	CLEAN2	230
90620	90621	411.0	10	PVC			0	CLEAN2	904
90621	54872	224.8	10	PVC			0	CLEAN2	225
99524	54871	241.9	8	PVC			0	CLEAN2	242
29735	29736	330.0	8	VCP			30	IMMEDIATE ACTION	0
19370	19369	67.0	12	VCP			5,177	Point Repair	8,710
29720	29724	201.0	8	VCP			Refer to Smoke	Point Repair	26,130
29742	29750	321.0	15	VCP			31,006	Point Repair	41,730
29743	29742	140.0	8	VCP			7,212	Point Repair	18,200
29926	29925	288.3	8	VCP			26	Point Repair	115,320
29943	29947	283.6	10	VCP			18,262	Point Repair	36,868
29949	29948	122.1	8	VCP			6,290	Point Repair	48,840
29951	29950	234.3	8	VCP			21	Point Repair	93,720
31068	29915	257.4	8	VCP			23	Point Repair	33,462
31277	31278	290.0	8	VCP			Refer to Smoke	Point Repair	37,700
47208	47207	352.3	8	PVC			32	Point Repair	45,799
47215	47214	327.3	10	PVC			21,076	Point Repair	130,920
47242	63918	277.8	8	VCP			Refer to Smoke	Point Repair	111,120
47262	47260	113.2	8	VCP			10	Point Repair	45,280
54544	54596	273.4	8	VCP			25	Point Repair	109,360
54603	79078	186.5	8	VCP			9,608	Point Repair	24,245
54606	54602	297.8	8	VCP			27	Point Repair	119,120
54867	30953	227.3	8	VCP			11,709	Point Repair	29,549
54889	54890	72.5	8	VCP			7	Point Repair	9,425
58453	58451	172.5	8	VCP			8,886	Point Repair	22,425
58610	58609	232.0	8	VCP			21	Point Repair	30,160
63280	63279	184.6	8	VCP			9,510	Point Repair	23,998
63918	79099	279.7	8	VCP			25	Point Repair	36,361
89118	106449	263.0	10	PVC			16,936	Point Repair	34,190
89132	89131	249.9	10	PVC			16,092	Point Repair	32,487
04007	29742	198.0	15	VCP			19,125	Point Repair	25,740

**Lea Ann Way West
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Upstream Structure	Downstream Structure	Segment Length	Pipe Diameter	Pipe Material	Defect	OPRI Rating	SCAP Credits (gpd)	Recommendation	Rehabilitation Cost (\$)
104220	104219	245.0	8	PVC			22	Point Repair	98,000
112091	112090	291.0	8	PVC			26	Point Repair	116,400
29851	29771	380.0	10	VCP			24,470	REPLACE	32,851
29852	29851	390.0	10	VCP			25,114	REPLACE	33,716
29855	29851	235.0	8	VCP			12,106	REPLACE	20,316
29905	29903	101.7	8	VCP			5,239	REPLACE	8,792
29933	31083	151.9	10	VCP			9,781	REPLACE	13,132
54892	81961	176.0	8	VCP			16	REPLACE	15,215
89115	29933	213.3	10	PVC			13,735	REPLACE	18,440
							Primary	920,908	2,957,529
							Secondary	727,664	1,015,679

Basis of Construction Costs

Manhole Point Repair	\$200
Cover Replacement	\$100
Lateral Point Repair	\$1,000
Sanitary Sewer Line Replacement Program	\$0
Cleanout Replacement	\$500
Pump Station Seal	\$500
Install Manhole Chimney Seal	\$200
Replace PSC	\$500
CIPP	\$50/Linear Foot
Replace Pipe/Pipe Burst	\$150/Linear Foot
Plumbing Modification Program	\$5,000

CIPP	Cured-in-place pipe. (primary recommendation)
CIPP2	Cured-in-place pipe. (secondary recommendation)
Clean2	Secondary recommendation.
Conc	Concrete.
gpd	Gallons per day.
PMP	Plumbing Modification Program.
PSC	Property service connection.
PVC	Polyvinyl chloride.
SCAP	System Capacity Assurance Plan.
SSLRP	Sanitary Sewer Line Replacement Program.
VCP	Vitrified clay pipe.

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Defect Data and Recommendations Table
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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
17668	17667	6304 Sherlock Way	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
18015	18016	6310 May Pen Rd.	Service Connection	Smoke Inside Building	Minor	Non-Inundation / Low Groundwater	0	No Action	0
18019	18018	6304 Ocho Rios Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
18021	54885	6205 Port Antonio Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
18022	18021	6204 Port Antonio Rd.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
18028	18029	6500 Mandeville Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
18030	18031	6304 Mandeville Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
18030	18031	6305 Mandeville Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
18032	32221	6301 Mandeville Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19343	19344	5325 Barnes Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
19344	19345	5309 Barnes Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
19348	19347	4912 Woodhill Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
19348	19347	4914 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19348	19347	4918 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19349	19348	5000 Woodhill Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
19349	19348	4920 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19349	19348	5002 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
19349	19348	5003 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19349	19348	5002 Woodhill Ln.	Mainline	Mainline	Minor	Non-Inundation / Low Groundwater	52	Refer to CCTV Recommendation	0
19351	19350	5110 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19353	19352	5207 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19354	19353	5306 Woodhill Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
19354	19353	5210 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19354	19353	5212 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19354	19353	5310 Woodhill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19356	19355	4916 Ronwood Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19356	19355	4917 Ronwood Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19356	19355	4919 Ronwood Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19356	19355	4921 Ronwood Dr.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
19358	19357	5103 Ronwood Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
19358	19357	5104 Ronwood Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
19358	19357	5102 Ronwood Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19362	19361	5301 Ronwood Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
19362	19361	5305 Ronwood Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
19370	19369	5301 Layne Rd.	Service Connection	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise SC and Refer to SSLRP	0
19378	26145	5414 Layne Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
19387	19386	7606 Buena Vista Ct.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
19387	19386	7606 Buena Vista Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19388	19391	5302 Monaco Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19389	19388	7623 Buena Vista Ct.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
19389	19388	5400 Monaco Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19389	19388	7618 Buena Vista Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
19389	19388	7620 Buena Vista Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
19391	19392	5210 Monaco Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
19391	19392	5208 Monaco Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
19394	19395	5016 Monaco Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
27786	27787	7100 Billie Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
27796	31265	6219 Moorhaven Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29710	29709	5328 Georgia Ln.	Mainline	Mainline	Minor	Non-Inundation / Low Groundwater	5	Refer to CCTV Recommendation	0
29718	29719	7008 Mary Laverne Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29720	29724	7002 Mary Laverne Dr.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	10,303	Refer to CCTV Recommendation	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29720	29724	7002 Mary Laverne Dr.	Mainline		Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
29722	29723	5213 Barnes Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29736	29730	4905 Lea Ann Way	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29739	29740	4813 Rossmoor Dr.	Service Connection	Broken Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cleanout	500
29739	29740	4817 Rossmoor Dr.	Service Connection	Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cap on Cleanout	500
29739	29740	4811 Rossmoor Dr.	Lateral	Defective PSC	Minor	Stream Inundation / High Groundwater	3	Replace PSC	500
29739	29740	4813 Rossmoor Dr.	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500
29743	29742	4701 Rossmoor Dr.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
29744	29743	4606 Rossmoor Dr.	Service Connection	Smoke Inside Building	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
29746	29747	7102 Dittmar Dr.	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500
29746	29747	7106 Dittmar Dr.	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500
29746	29747	7110 Dittmar Dr.	Mainline		Moderate	Stream Inundation / High Groundwater	12,518	Refer to CCTV Recommendation	0
29747	29748	4600 Glenna Way	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500
29748	29749	4606 Glenna Way	Service Connection	Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29748	29749	4610 Glenna Way	Service Connection	Smoke Inside Building	Minor	Non-Inundation / Low Groundwater	0	No Action	0
29748	29749	4607 Glenna Way	Service Connection	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise SC and Refer to SSLRP	0
29749	29750	4614 Glenna Way	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29749	29750	4616 Glenna Way	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29751	29753	4717 Glenna Way	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29751	29753	4805 Glenna Way	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29751	29753	4805 Glenna Way	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29759	29758	5124 Mile of Sunshine Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29763	29768	5020 Mile of Sunshine Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29763	29768	5018 Mile of Sunshine Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29766	29765	5111 Mediterranean Ct.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29772	29771	6816 Orange Blossom Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29778	29781	6802 Tropic Ct.	Mainline	Mainline	Minor	Non-Inundation / Low Groundwater	56	Refer to CCTV Recommendation	0
29798	29799	6701 Tamarind Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29798	29799	6701 Tamarind Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29798	29799	6707 Tamarind Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29798	29799	6711 Tamarind Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29798	29799	6711 Tamarind Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29852	29851	6800 Orange Blossom Rd.	Service Connection	Broken Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cleanout	500
29854	29852	6706 Orange Blossom Rd.	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29854	29852	6706 Orange Blossom Rd.	Service Connection	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise SC and Refer to SSLRP	0
29857	29856	5004 Sunday Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29858	29857	5007 Sunday Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29858	29857	5010 Sunday Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29858	29857	5011 Sunday Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29858	29857	5011 Sunday Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29861	29860	5003 E. Bahama Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29861	29860	5006 E. Bahama Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29861	29860	5003 E. Bahama Ct.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
29861	29860	5007 E. Bahama Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29863	29866	4903 Batalina Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29863	29866	4905 Batalina Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29868	29867	6706 Bahama Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29868	29867	6707 Bahama Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29868	29867	6708 Bahama Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29868	29867	6706 Bahama Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29872	29873	5101 Acapolica Way	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29872	29873	5103 Acapolca Way	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
29874	29873	5017 Acapolca Way	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29874	29873	5019 Acapolca Way	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
29875	29876	6712 Copra Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29875	29876	6714 Copra Ln.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29876	29877	6810 Copra Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29876	29877	6815 Copra Ln.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29876	29877	6807 Copra Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29880	29879	5405 Georgia Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29882	29881	5511 Georgia Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29882	29881	5311 Georgia Ln.	Service Connection	Smoke Inside Building	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
29882	29881	5607 Georgia Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29886	29887	5503 Saxon Blvd.	Mainline	Mainline	Moderate	Non-Inundation / Low Groundwater	12	Refer to CCTV Recommendation	0
29889	29900	5412 Marble Ct.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29890	29891	5411 Marble Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29893	29890	5408 Marble Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29893	29890	5408 Marble Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29894	29897	7008 Billie Ln.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29900	29899	7001 Billie Ln.	Mainline		Moderate	Stream Inundation / High Groundwater	13,330	Refer to CCTV Recommendation	0
29902	87309	5437 Ye Old Post Rd.	Service Connection	Smoke Inside Building	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
29908	29885	5514 Saxon Blvd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29909	29896	7025 Billie Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29912	29913	5525 Maco Ln.	Lateral	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29912	29913	5525 Maco Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29916	31068	5517 Saxon Blvd.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29920	29921	6814 Rock Forest Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29920	29921	6906 Rock Forest Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29920	29921	6814 Rock Forest Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29920	29921	6906 Rock Forest Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29920	29921	6906 Rock Forest Dr.	Service Connection	Water Meter	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
29921	29922	6805 Rock Forest Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29921	29922	6811 Rock Forest Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29921	29922	6812 Rock Forest Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29923	29924	6804 Rock Hollow Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29923	29924	6805 Rock Hollow Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29924	31086	6811 Rock Hollow Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29928	29926	6909 Rock Hollow Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29928	29926	6911 Rock Hollow Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29928	29926	6913 Rock Hollow Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29928	29926	6915 Rock Hollow Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29928	29926	6917 Rock Hollow Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29928	29926	6917 Rock Hollow Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29929	29925	5802 Rocky Mountain Dr.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29929	29925	5804 Rocky Mountain Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29929	29925	5804 Rocky Mountain Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29930	29931	5820 Whispering Hills Blvd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29930	29931	7003 Rock Hollow Dr.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
29930	29931	5820 Whispering Hills Blvd.	Mainline	Drainage Channel/Ditch	Moderate	Non-Inundation / Low Groundwater	0	Refer to CCTV Recommendation	0
29930	29931	5900 Whispering Hills Blvd.	Mainline	Drainage Channel/Ditch	Moderate	Non-Inundation / Low Groundwater	0	Refer to CCTV Recommendation	0
29931	29932	6919 Rock Hollow Dr.	Service Connection	Broken Cleanout	20	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29931	29932	6919 Rock Hollow Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29931	29932	5905 Whispering Hills Blvd.	Service Connection	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise SC and Refer to SSLRP	0
29933	31083	6926 Sandstone Blvd.	Service Connection	Broken Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cleanout	500
29934	29933	5911 Whispering Hills Blvd.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29934	29933	5913 Whispering Hills Blvd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29934	29933	5915 Whispering Hills Blvd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29941	31084	6916 Sandstone Blvd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29942	29943	6908 Sandstone Blvd.	Mainline	Mainline	Minor	Non-Inundation / Low Groundwater	15	Refer to CCTV Recommendation	0
29942	29943	6908 Sandstone Blvd.	Mainline	Mainline	Minor	Non-Inundation / Low Groundwater	Redundant	Refer to CCTV Recommendation	0
29945	29944	6008 Red Rock Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29954	29953	5904 Bluestone Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29954	29953	5904 Bluestone Rd.	Lateral	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
29955	29954	5909 Bluestone Rd.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29956	29955	5921 Bluestone Rd.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29961	29940	6002 Green Manor Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
29961	29940	6002 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29962	29961	6004 Green Manor Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29962	29961	6007 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29962	29961	6008 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29962	29961	6010 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29962	29961	6011 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29963	29962	6101 Green Manor Dr.	Service Connection	Smoke Inside Building	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
29964	29963	6017 Whispering Hills Blvd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29964	29963	6017 Whispering Hills Blvd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29964	29963	6112 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29965	29964	6913 Ledgerrock Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29965	29964	6915 Ledgerrock Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29965	29964	6914 Ledgerrock Rd.	Lateral	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
29966	29964	6205 Green Manor Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29966	29964	6207 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29967	29966	6208 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29969	29968	6309 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29972	29971	6500 Green Manor Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29975	29974	6105 Lynnhchester Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29977	29976	6610 Buisson Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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29978	29976	6202 Lynnchester Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29978	29976	6203 Lynnchester Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29978	29976	6204 Lynnchester Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29978	29976	6205 Lynnchester Dr.	Lateral	Water Meter	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
29979	29978	6213 Lynnchester Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29979	29978	6213 Lynnchester Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29980	29979	6220 Lynnchester Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
29980	29979	6211 Lynnchester Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29986	29985	6709 Moorhampton Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29986	29985	6711 Moorhampton Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29986	29985	6805 Moorhampton Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29986	29985	6807 Moorhampton Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29986	29985	6807 Moorhampton Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29986	29985	6807 Moorhampton Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29986	29985	6807 Moorhampton Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29986	29985	6807 Moorhampton Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29990	29989	6805 Taffy Ann Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
29990	29989	6804 Taffy Ann Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
29993	29992	6804 Bebe Ct.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
29993	29992	6804 Bebe Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29993	29992	6806 Bebe Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29994	29993	6809 Bebe Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29994	29993	6812 Bebe Ct.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
29997	31098	5915 Rocky Mountain Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
29997	31098	6000 Rocky Mountain Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
30953	30954	5810 Fern Valley Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
31063	29854	6702 Orange Blossom Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
31067	27786	7107 Billie Ln.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
31068	29915	5513 Saxon Blvd.	Service Connection	Area Drain	Moderate	Non-Inundation / Low Groundwater	6,000	Refer to PMP	5000
31069	29914	7203 Shepherdsville Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
31070	29719	5307 Georgia Ln.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
31070	29719	5307 Georgia Ln.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
31070	29719	5307 Georgia Ln.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
31070	29719	5307 Georgia Ln.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
31070	29719	5307 Georgia Ln.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
31070	29719	5307 Georgia Ln.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
31070	29719	5309 Georgia Ln.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	20,194	Refer to CCTV Recommendation	0
31070	29719	5309 Georgia Ln.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
31073	31075	6802 Sandstone Blvd.	Mainline	Mainline	Minor	Stream Inundation / High Groundwater	28,591	Refer to CCTV Recommendation	0
31076	29906	5508 Whispering Hills Blvd.	Service Connection	Gas Meter	Moderate	Stream Inundation / High Groundwater	0	No Action	0
31078	31077	5608 Whispering Hills Blvd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
31078	31077	5608 Whispering Hills Blvd.	Service Connection	Smoke Inside Building	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
31078	31077	5608 Whispering Hills Blvd.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31079	31078	5615 Whispering Hills Blvd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
31080	31079	5711 Whispering Hills Blvd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
31081	31080	5804 Whispering Hills Blvd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
31085	29941	6917 Sandstone Blvd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
31096	29960	6016 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31096	29960	6018 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31098	31099	5913 Rocky Mountain Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
31100	29995	6105 Moorhaven Dr.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
31265	31264	6207 Moorhaven Dr.	Lateral	Defective PSC	Severe	Non-inundation / Low Groundwater	3	Replace PSC	500
31268	31267	6303 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31269	31268	6311 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31270	31269	6410 Moorhaven Dr.	Service Connection	Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cap on Cleanout	500
31270	31269	6406 Moorhaven Dr.	Lateral	Defective PSC	Moderate	Non-inundation / Low Groundwater	3	Replace PSC	500
31271	31270	6503 Moorhaven Dr.	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
31271	31270	6502 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31271	31270	6503 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31271	31270	6503 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31272	31271	6513 Moorhaven Dr.	Lateral	Defective PSC	Severe	Non-inundation / Low Groundwater	3	Replace PSC	500
31272	31271	6513 Moorhaven Dr.	Lateral	Soil Fissure/Ground	Minor	Non-inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
31274	31275	6812 Green Manor Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31275	31276	6800 Green Manor Dr.	Service Connection	Broken Cleanout	Minor	Non-inundation / Low Groundwater	3	Replace Cleanout	500
31275	31276	6800 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-inundation / Low Groundwater	3	Replace PSC	500
31275	31276	6809 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-inundation / Low Groundwater	3	Replace PSC	500
31277	31278	6602 Green Manor Dr.	Mainline	Mainline	Moderate	Non-inundation / Low Groundwater	26	Refer to CCTV Recommendation	0
31278	89138	6600 Green Manor Dr.	Mainline	Mainline	Moderate	Non-inundation / Low Groundwater	11	Refer to CCTV Recommendation	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
31278	89138	6600 Green Manor Dr.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
31278	89138	6602 Green Manor Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31643	31642	7316 Edenderry Ln.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
31910	31911	4932 Lagoona Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
32227	32226	6.05 Linstead Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
32235	32234	6310 Linstead Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
33784	30994	6733 Caribbean Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
33786	33785	6733 Caribbean Ln.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
33789	33787	6712 Shepherdsville Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
33789	33787	6714 Shepherdsville Rd.	Service Connection	Oil/Water Separator	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
33790	33789	6733 Caribbean Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
33790	33789	6733 Caribbean Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
33790	33789	6733 Caribbean Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
33791	33785	6733 Caribbean Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
33791	33785	6733 Caribbean Ln.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
33791	33785	6733 Caribbean Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
33791	33785	6733 Caribbean Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
33851	47236	6322 Fern Valley Way	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
33854	33852	6322 Fern Valley Way	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
33854	33852	6322 Fern Valley Way	Service Connection	Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cap on Cleanout	500
33854	33852	6322 Fern Valley Way	Service Connection	Soil Fissure/Ground	Moderate	Non-inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
33857	33856	6322 Fern Valley Way	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
33858	33857	6322 Fern Valley Way	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
33859	33857	6322 Fern Valley Way	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
33861	33860	6214 Shepherdsville Rd.	Service Connection	Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cap on Cleanout	500
34802	34801	5504 Briscoe Ln.	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
34802	34801	5508 Briscoe Ln.	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
34808	34814	7812 Donegal Dr.	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
34808	34814	7813 Donegal Dr.	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
34808	34814	7810 Donegal Dr.	Service Connection	Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cap on Cleanout	500
34812	34811	5800 Outer Loop	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
34812	34811	5800 Outer Loop	Service Connection	Water Meter	Moderate	Non-inundation / Low Groundwater	0	No Action	0
34818	34817	6002 Tralee Ln.	Service Connection	Broken Cleanout	Moderate	Non-inundation / Low Groundwater	3	Replace Cleanout	500
34820	34813	7705 Donegal Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
34821	34820	5902 Colebrooke Ln.	Service Connection	Roof Drain	Moderate	Non-Inundation / Low Groundwater	4,000	Refer to PMP	5000
34841	34840	6018 Colebrooke Ln.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
34843	34842	7712 Cecilia Way	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
34843	34842	7708 Cecilia Way	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
34844	34843	7716 Cecilia Way	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
34847	34846	7715 Cecilia Way	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
34857	34856	7711 Zenith Way	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
34859	34837	6009 Apex Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
34860	34859	6017 Apex Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
34874	34872	7803 Tip Top Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
34876	86535	5422 Monaco Dr.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	6,903	Refer to CCTV Recommendation	0
34876	86535	5422 Monaco Dr.	Mainline	Mainline	Severe	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
34885	34884	7801 Shepherdsville Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
34885	34884	7807 Shepherdsville Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
34885	34884	7807 Shepherdsville Rd.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
34885	34884	7807 Shepherdsville Rd.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
34889	34888	5509 Mary Layne Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
34899	34898	5506 Knobview Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
36563	29939	6116 Whispering Hills Blvd.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
37482	29755	4808 Glenna Way	Lateral	Defective PSC	Minor	Stream Inundation / High Groundwater	3	Replace PSC	500
37482	29755	4900 Glenna Way	Service Connection	Smoke Inside Building	Minor	Stream Inundation / High Groundwater	0	No Action	0
47212	47211	5113 Lammers Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
47213	60002	5103 Lammers Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
47215	47214	6211 Gayle Dr.	Service Connection	Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
47217	47215	6205 Gayle Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
47220	47219	4893 Charlotte Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
47220	47219	4893 Charlotte Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
47221	47220	4879 Charlotte Dr.	Service Connection	Broken Cleanout	Severe	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
47221	47220	4879 Charlotte Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
47237	47236	6322 Fern Valley Way	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
47242	63918	6108 Oakdale Ln.	Mainline	Mainline	Severe	Non-Inundation / Low Groundwater	25	Refer to CCTV Recommendation	0
47243	80533	6005 Oakdale Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
47243	80533	6012 Oakdale Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
47243	80533	6000 Oakdale Ln.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
47243	80533	6001 Oakdale Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
47243	80533	6001 Oakdale Ln.	Service Connection	Gas Meter	Minor	Non-Inundation / Low Groundwater	0	No Action	0
47254	MSD0099PS	6211 Shepherdsville Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
47254	MSD0099PS	6211 Shepherdsville Rd.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
47254	MSD0099PS	6211 Shepherdsville Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
47259	47254	5598 Poplar Level Rd.	Mainline	Mainline	Minor	Non-Inundation / Low Groundwater	36	Refer to CCTV Recommendation	0
47262	47260	5613 Fern Valley Way	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
47262	47260	6200 Poplar Level Rd.	Service Connection	Smoke Inside Building	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
54022	82429	5800 Poplar Level Rd.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
54022	82429	5800 Poplar Level Rd.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
54022	82429	5800 Poplar Level Rd.	Service Connection	Cleanout	Severe	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
54538	54544	6000 Athens Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
54539	54538	6004 Corinth Way	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
54539	54538	6007 Corinth Way	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
54539	54538	4701 Oaklawn Ln.	Lateral	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
54539	54538	6009 Corinth Way	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
54540	79091	6106 Corinth Way	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
54540	79091	6107 Corinth Way	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
54540	79091	6108 Corinth Way	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
54542	79099	5123 Poplar Level Rd.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
54543	54608	6125 Corinth Way	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
54544	54596	6002 Athens Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
54584	79085	4915 Lagoona Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
54585	54604	5061 Poplar Level Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
54585	54604	5063 Poplar Level Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
54591	79083	4907 Daleray Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
54591	79083	4910 Daleray Dr.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
54598	54597	6025 Athens Dr.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
54598	54597	4610 Gordon Rd.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
54598	54597	6029 Athens Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
54604	79075	6202 Hanses Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
54605	54604A	5073 Poplar Level Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
54606	54602	6114 Frey Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
54610	54609	6128 Athens Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
54610	54609	6129 Athens Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
54613	54614	5006 Roederer Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
54613	54614	5074 Poplar Level Rd.	Service Connection	Oil/Water Separator	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
54614	79094	5105 Roederer Dr.	Service Connection	Broken Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cleanout	500
54869	54870	5836 Fern Valley Rd.	Service Connection	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise SC and Refer to SSLRP	0
54889	54890	6502 Mandeville Rd.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
57851	57850	5526 Saxon Blvd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
57852	57851	5609 Briscoe Ridge Ln.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
57852	57851	5609 Briscoe Ridge Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
57869	57870	5714 Outer Loop	Service Connection	Grease Trap	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
57873	57874	5801 Outer Loop	Service Connection	Soil Fissure/Ground	Severe	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
58442	82502	6701 Shareith Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58442	82502	6707 Shareith Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58442	82502	6708 Shareith Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58442	82502	6701 Shareith Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
58443	82502	6714 Shareith Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58443	82502	6712 Shareith Dr.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
58443	82502	6714 Shareith Dr.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
58445	58446	6900 Deep Spring Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58448	58447	6906 Norlynn Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58449	58443	6900 Norlynn Dr.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
58449	58443	6907 Norlynn Dr.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
58450	58448	6915 Norlynn Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
58455	63279	7210 Blazier Ct.	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500
58455	63279	7205 Edcoe Rd.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	9,994	Refer to CCTV Recommendation	0
58458	58456	6940 Norlynn Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58458	58456	7002 Norlynn Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58458	58456	7004 Norlynn Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58458	58456	6938 Norlynn Dr.	Service Connection	Smoke Inside Building	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
58464	58465	7011 Shareith Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58466	58467	6820 Shareith Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
58466	58467	6903 Shareith Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58467	58449	6813 Shareith Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
58467	58449	6814 Shareith Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
58467	58449	6817 Shareith Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
58562	83640	5608 Outer Loop	Service Connection	Grease Trap	Minor	Non-Inundation / Low Groundwater	0	No Action	0
58577	58578	7502 Shepherdsville Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
63007	63006	5508 Pattie Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
63273	58445	7204 Peppermill Ct.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
63274	63273	6900 Peppermill Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
63279	58454	7207 Edcoe Rd.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
63284	63285	6922 Peppermill Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
63286	63281	7001 Peppermill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
63287	63288	7203 Blazier Ct.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
63289	63286	7009 Peppermill Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
63290	63289	7015 Peppermill Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
63290	63289	7015 Peppermill Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
63290	63289	7103 Peppermill Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
63294	58459	7206 Fegenbush Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
63294	58459	7204 Fegenbush Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
63294	58459	7204 Fegenbush Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
63294	58459	7219 Vaughn Mill Rd.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
63887	54637	5113 Braidwood Dr.	Service Connection	Broken Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cleanout	500
63887	54637	5116 Briarwood Dr.	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500
63918	79099	5131 Poplar Level Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
63918	79099	5127 Poplar Level Rd.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
63992	58575	7612 Shepherdsville Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
79076	31914	6312 Hanses Dr.	Service Connection	Soil Fissure/Ground	Minor	Stream Inundation / High Groundwater	3	Televise SC and Refer to SSLRP	0
79078	79079	5059 Poplar Level Rd.	Service Connection	Grease Trap	Minor	Non-Inundation / Low Groundwater	0	No Action	0
79080	79080A	5117 Poplar Level Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
79081	79098	5108 Patterson Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
79085	31910	4919 Lagoon Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
79085	31910	4921 Lagoon Dr.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
79085	31910	4925 Lagoon Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
79090	79086	6105 Athens Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
79091	54541	6109 Corinth Way	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
79091	54541	6111 Corinth Way	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
79094	79093	5114 Roederer Dr.	Service Connection	Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cap on Cleanout	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
79094	79093	5116 Roederer Dr.	Lateral	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise Lateral and Point Repair	1000
79096	79095	5114 Frey Dr.	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500
79097	82415	5127 Patterson Dr.	Service Connection	Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cap on Cleanout	500
79097	82415	5123 Patterson Dr.	Service Connection	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise SC and Refer to SSLRP	0
79098	79097	5111 Patterson Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
79098	79097	5119 Patterson Dr.	Lateral	Defective PSC	Moderate	Stream Inundation / High Groundwater	3	Replace PSC	500
79098	79097	5111 Patterson Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
80196	80195	6303 Fern Valley Rd.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
80533	80532	6104 Oakdale Ln.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
80533	80532	6104 Oakdale Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
82083	82086	6322 Fern Valley Way	Service Connection	Broken Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cleanout	500
82083	82086	6212 Shepherdsville Rd.	Service Connection	Broken Cleanout	Severe	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
82083	82086	6322 Fern Valley Way	Service Connection	Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cap on Cleanout	500
82085	82084	5340 Poplar Level Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
82085	82084	5340 Poplar Level Rd.	Service Connection	Oil/Water Separator	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
82087	47237	6322 Fern Valley Way	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
82501	58450	6926 Norlynn Dr.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500

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82502	58444	6710 Shareith Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
82504	82504C	7100 Blazier Ct.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	5,358	Refer to CCTV Recommendation	0
82504	82504C	7100 Blazier Ct.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
82504	82504C	7100 Blazier Ct.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
82504	82504C	7100 Blazier Ct.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
82504	82504C	7100 Blazier Ct.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
82504	82504C	7100 Blazier Ct.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
82504	82504C	7100 Blazier Ct.	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
82536	82537	6511 Brightstone Pl.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
82539	83670	6617 Brook Valley Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
86534	19397	5217 Charmane Dr.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
89115	29933	5910 Whispering Hills Blvd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
89122	105980	7902 Briscoe Woods Dr.	Mainline	Mainline	Severe	Stream Inundation / High Groundwater	8,371	Refer to CCTV Recommendation	0
89122	105980	7902 Briscoe Woods Dr.	Mainline	Mainline	Severe	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
89122	105980	7902 Briscoe Woods Dr.	Mainline	Mainline	Severe	Stream Inundation / High Groundwater	Redundant	Refer to CCTV Recommendation	0
89134	89133	7117 Welchire Falls Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
89413	89412	5189 Poplar Level Rd.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
89414	89413	5177 Poplar Level Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor / Low Groundwater	SCAP Credits (gpd)	Recommendation	Cost (\$)
90621	54872	6600 Artisan Way	Service Connection	Cleanout	Severe	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
93144	93143	7210 Calico Ct.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
93145	93144	7209 Calico Ct.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
93151	93150	7203 Astin Ct.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
93156	93155	6113 Port Antonio Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
93158	93157	6107 Port Antonio Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
93158	93157	6108 Port Antonio Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
93158	93157	6109 Port Antonio Rd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
93285	93284	7905 Bridlewood Pl.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
93286	93285	7910 Bridlewood Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
93286	93285	7910 Bridlewood Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
93286	93285	7913 Bridlewood Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
93286	93285	7913 Bridlewood Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
93286	93285	7915 Bridlewood Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
93288	93287	6530 Bridlewood Cir.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
93290	93283	7832 Bridlewood Pl.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
93290	93283	7831 Bridlewood Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
93290	93283	7834 Bridlewood Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
94425	58459	7200 Fegenbush Ln.	Mainline		Moderate	Stream Inundation / High Groundwater	5,873	Refer to CCTV Recommendation	0
94425	58459	7202 Fegenbush Ln.	Service Connection	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise SC and Refer to SSLRP	0
96073	96072	5703 Georgia Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
96917	96916	7808 Lafiat Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
96920	96919	5905 Saddle Blanket Dr.	Service Connection	Broken Cleanout	Severe	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
96976	54866A	5803 Fern Valley Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
97001	97000	7105 Fegenbush Ln.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
97002	97001	7211 Fegenbush Ln.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
97002	97001	7211 Fegenbush Ln.	Service Connection	Smoke Inside Building	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
97002	97001	7211 Fegenbush Ln.	Service Connection	Smoke Inside Building	Severe	Non-Inundation / Low Groundwater	0	No Action	0
97002	97001	7211 Fegenbush Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
97002	97001	7211 Fegenbush Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
98067	98066	5018 Lea Ann Way	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
99112	99111	6400 Geil Ln.	Service Connection	Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cap on Cleanout	500
99114	99113	4049 Tower Rd.	Service Connection	Soil Fissure/Ground	Severe	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
101791	31274	6902 Green Manor Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
101791	31274	6915 Fernhaven Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101791	31274	7001 Fernhaven Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101792	101791	7000 Green Manor Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
101792	101791	6913 Green Manor Dr.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
101793	101792	7004 Green Manor Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
101793	101792	7003 Green Manor Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
101796	31273	6611 Moorhaven Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
101796	31273	6613 Moorhaven Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101796	31273	6615 Moorhaven Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101797	101796	6704 Moorhaven Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
101797	101796	6707 Moorhaven Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101797	101796	6704 Moorhaven Dr.	Service Connection	Roof Drain	Moderate	Non-Inundation / Low Groundwater	4,000	Refer to PMP	5000
101797	101796	6711 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
101798	101797	6804 Moorhaven Dr.	Lateral	Defective PSC	Minor	Non-Inundation / Low Groundwater	3	Replace PSC	500
101798	101797	6715 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
101798	101797	6800 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
101798	101797	6802 Moorhaven Dr.	Lateral	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
101799	101798	6808 Moorhaven Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	1000
101808	101807	6810 Cozy Ct.	Service Connection	Cleanout	Moderate	Stream Inundation / High Groundwater	3	Replace Cap on Cleanout	500
101809	101808	6812 Fenwick Dr.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
101809	101808	6814 Fenwick Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101809	101808	6715 Fernbush Dr.	Service Connection	Soil Fissure/Ground	Minor	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
101810	101809	6804 Fernhaven Rd.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
101811	101810	6809 Fernhaven Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101811	101810	6809 Fernhaven Rd.	Service Connection	Smoke Inside Building	Minor	Non-Inundation / Low Groundwater	0	No Action	0
101818	101817	6712 Fenwick Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101818	101817	6710 Fenwick Dr.	Lateral	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise Lateral and Point Repair	1000
101825	101824	6708 Fegenbush Ln.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
101825	101824	6708 Fegenbush Ln.	Lateral	Soil Fissure/Ground	Moderate	Stream Inundation / High Groundwater	3	Televise Lateral and Point Repair	1000
101826	101825	6712 Fegenbush Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101827	101826	6802 Fegenbush Ln.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
101828	101827	6806 Fegenbush Ln.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101829	101828	6816 Fegenbush Ln.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
101829	101828	6812 Fegenbush Ln.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
101831	101830	6708 Fernhaven Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101832	101831	6720 Fernhaven Rd.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
101832	101831	6720 Fernhaven Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101832	101831	6720 Fernhaven Rd.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
101833	101810	6803 Fernhaven Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
101834	101810	6813 Moorhaven Dr.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
102677	102676	4112 Fern Valley Rd.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
103967	47226	5220 Poplar Level Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
103967	47226	5222 Poplar Level Rd.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
104012	104011	7311 Jefferson Blvd.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
104012	104011	7311 Jefferson Blvd.	Service Connection	Grease Trap	Moderate	Non-Inundation / Low Groundwater	0	No Action	0
104218	29713	5301 Carolina Crossings Way	Mainline	Mainline	Moderate	Stream Inundation / High Groundwater	7,264	Refer to CCTV Recommendation	0
104415	104414	6405 Canterview Ct.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
104417	104416	6405 Saddlevue Ct.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
104417	104416	6417 Saddlevue Ct.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
104804	83672	7201 Wynde Manor Ct.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
104968	104967	6904 Brook Valley Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
104976	104975	7316 Brook Meadow Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
105275	89132	7106 Welchire Falls Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
105282	105281	7100 Welchire Falls Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
105282	105281	7100 Welchire Falls Dr.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
106452	106451	6014 Ledgerrock Cove Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
106452	106451	6014 Ledgerrock Cove Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
106452	106451	6014 Ledgerrock Cove Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
106452	106451	6014 Ledgerrock Cove Pl.	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0
108131	108130	6405 Stableview Pl.	Service Connection	Broken Cleanout	Minor	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
108131	108130	6408 Stableview Pl.	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
108131	108130	6406 Stableview Pl.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
108140	108141	7809 Bridlewood Pl.	Service Connection	Cleanout	Severe	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
108554	101812	6900 Fegenbush Ln.	Service Connection	Grease Trap	Minor	Non-Inundation / Low Groundwater	0	No Action	0
114221	114212	5402 Lowerfield Dr.	Service Connection	Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cap on Cleanout	500
54892A	54892	6506 Montego Bay Rd.	Lateral	Defective PSC	Moderate	Non-Inundation / Low Groundwater	3	Replace PSC	500
58561A	58562	5700 Outer Loop	Service Connection	Broken Cleanout	Moderate	Non-Inundation / Low Groundwater	3	Replace Cleanout	500
58561A	58562	5700 Outer Loop	Service Connection	Soil Fissure/Ground	Moderate	Non-Inundation / Low Groundwater	3	Televise SC and Refer to SSLRP	0

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Upstream Structure	Downstream Structure	Address	Source	Type	Size	Severity Factor	SCAP Credits (gpd)	Recommendation	Cost (\$)
63288A	63288	7106 Blazier Ct.	Mainline	Catch Basin	Severe	Non-Inundation / Low Groundwater	338,947	Refer to CCTV Recommendation	0
63288A	63288	7106 Blazier Ct.	Mainline	Catch Basin	Moderate	Non-Inundation / Low Groundwater	Redundant	Refer to CCTV Recommendation	0
63288A	63288	7107 Blazier Ct.	Lateral	Defective PSC	Severe	Non-Inundation / Low Groundwater	3	Replace PSC	500
Subtotal							483,417		\$ 216,000

Basis of Construction Costs

Manhole Point Repair \$200
 Cover Replacement \$100
 Lateral Point Repair \$1,000
 Sanitary Sewer Line Replacement Program \$0
 Cleanout Replacement \$500
 Pump Station Seal \$500
 Install Manhole Chimney Seal \$200
 Replace PSC \$500
 CIPP \$50/Linear Foot
 Replace Pipe/Pipe Burst \$150/Linear Foot
 Plumbing Modification Program \$5,000

CCTV Closed Circuit Television.
 CIPP Cured-in-place pipe.
 gpd Gallons per day.
 OPRI Overall pipe rating index.
 PMP Plumbing Modification Program.
 PSC Property service connection.
 SC Service Connection.
 SCAP System Capacity Assurance Plan.
 SSLRP Sanitary Sewer Line Replacement Program.
 VCP Vitrified clay pipe.

FY10 SSES Projects Pond Creek Lea Ann Way West

Legend

Lea Ann Way Areas

- East
- West

Project MHs

- Project Sewers

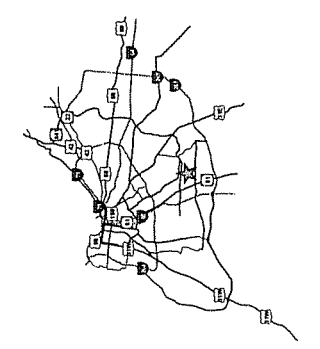
Project PSCs

- MSD
- Private

Pump Stations

- MSD
- Private
- P - Operated by MSD

Sewers



Map Revision: September 2008 Aerial Date: 2006

MSD
Metropolitan Sewer District

LOIC
Lea Ann Way

PROJECT WIN
Water Infrastructure Network

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