

OVERALL COMPONENT SUMMARY

Interceptor Line Assessment and Cleaning (Phase I) - Project No. 2025029

Segment ID	Segment Name	Town/Area	Size (Inches)	Upstream MH	Downstream MH	Footage
A	North Fork (Upper)	Black Mountain	12	MH 54-114157	MH 54-24204	5,002
B	Flat Creek	Montreat to Black Mountain	18	MH 25-82431	MH 25-82332	8,097
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	18	MH 45-82363	MH 25-82332	7,939
D	Tomahawk Branch	Black Mountain	18	MH 57-80035	MH 13-82488	4,518
E	North Fork (Lower)	Black Mountain	20	MH 54-77135	MH 54-97995	1,676
F	Upper Swannanoa (2)	Black Mountain	24	MH 25-82332	MH 13-82473	6,747
G	Upper Swannanoa (3)	BM to Swannanoa	30	MH 13-82473	MH 54-97995	17,150
H	Middle Swannanoa (1)	Swannanoa to Owen Park	36	MH 54-97995	MH 5-82592	22,069
I	Middle Swannanoa (2)	Owen Park to W. Wilson	42	MH 5-82592	MH 55-82609	9,783
					TOTAL:	82,981

* Overall Summary (see separate sheets A through I for details regarding each segment)

** Pipes not in flow order on the separate sheets

335 Pipes Total

PIPE SIZE SUMMARY

Interceptor Line Assessment and Cleaning (Phase I) - Project No. 2025029

Pipe Size Range	Footage
12 to 20 Inches	27,232
24 to 30 Inches	23,897
36 to 42 inches	31,852
Total:	82,981

	Segment A	North Fork (Upper)		Upstream MH: MH 54-114157	Downstream MH: MH 54-24204	Size: 12 inches		Footage: 5002 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length ft	Upstream MH Depth	Downstream MH Depth
A	North fork (Upper)	Black Mountain	54	54-114157	54-114158	54-431515	12	DIP	259.8	9.0	7.5
A	North fork (Upper)	Black Mountain	54	54-114158	54-114159	54-431516	12	DIP	297.5	7.5	9.6
A	North fork (Upper)	Black Mountain	54	54-114159	54-114160	54-431517	12	DIP	148.8	9.6	6.4
A	North fork (Upper)	Black Mountain	54	54-114160	54-114161	54-431518	12	DIP	236.2	6.4	5.5
A	North fork (Upper)	Black Mountain	54	54-114161	54-114162	54-431519	12	DIP	224.0	5.5	8.6
A	North fork (Upper)	Black Mountain	54	54-114162	54-114163	54-431520	12	HDPE	249.3	8.6	9.1
A	North fork (Upper)	Black Mountain	54	54-114163	54-114164	54-431521	12	HDPE	273.1	9.1	11.2
A	North fork (Upper)	Black Mountain	54	54-114164	54-114166	54-431522	12	DIP	303.4	11.2	8.2
A	North fork (Upper)	Black Mountain	54	54-114166	54-114167	54-431523	12	HDPE	217.2	8.2	6.4
A	North fork (Upper)	Black Mountain	54	54-114167	54-114168	54-431524	12	DIP	370.0	6.4	6.8
A	North fork (Upper)	Black Mountain	54	54-114168	54-114169	54-431525	12	HDPE	219.9	6.8	6.0
A	North fork (Upper)	Black Mountain	54	54-114169	54-114170	54-431526	12	DIP	55.7	6.0	6.0
A	North fork (Upper)	Black Mountain	54	54-114170	54-114153	54-431527	12	HDPE	198.8	6.0	6.4
A	North fork (Upper)	Black Mountain	54	54-114153	54-114154	54-431528	12	HDPE	78.8	6.4	3.7
A	North fork (Upper)	Black Mountain	54	54-114154	54-114155	54-431529	12	HDPE	185.8	3.7	6.1
A	North fork (Upper)	Black Mountain	54	54-114155	54-114156	54-431530	12	HDPE	335.5	6.1	5.5
A	North fork (Upper)	Black Mountain	54	54-114156	54-114171	54-431531	12	HDPE	300.9	5.5	6.4
A	North fork (Upper)	Black Mountain	54	54-114171	54-114172	54-431532	12	DIP	352.5	6.4	6.0
A	North fork (Upper)	Black Mountain	54	54-114172	54-114173	54-431533	12	HDPE	292.0	6.0	7.9
A	North fork (Upper)	Black Mountain	54	54-114173	54-114174	54-431534	12	HDPE	301.5	7.9	8.4
A	North fork (Upper)	Black Mountain	54	54-114174	54-24204	54-431535	12	HDPE	101.1	8.4	8.9

Total: 5001.7

21 Pipes

	Segment B	Flat Creek		Upstream MH: MH 25-82431	Downstream MH: MH 25-82332	Size: 18 inches		Footage: 8097 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length	Upstream MH Depth	Downstream MH Depth
B	Flat Creek	Black Mountain	25	25-82412	25-82457	25-372516	18	DIP	278.8	15.0	9.7
B	Flat Creek	Black Mountain	25	25-82378	25-82379	25-372525	18	DIP	142.2	9.8	10.6
B	Flat Creek	Black Mountain	25	25-82410	25-82434	25-372526	18	DIP	55.4	7.6	6.9
B	Flat Creek	Black Mountain	25	25-82443	25-82442	25-372740	18	DIP	96.6	11.9	13.7
B	Flat Creek	Black Mountain	25	25-75143	25-75142	25-373094	18	DIP	82.2	13.3	12.4
B	Flat Creek	Black Mountain	25	25-82422	25-82427	25-373095	8	DIP	281.6	11.1	12.4
B	Flat Creek	Black Mountain	25	25-82455	25-75143	25-373404	18	DIP	126.1	13.3	13.3
B	Flat Creek	Black Mountain	25	25-82419	25-82421	25-373405	18	DIP	82.2	12.4	12.4
B	Flat Creek	Black Mountain	25	25-82441	25-82440	25-373430	18	DIP	226.4	12.3	12.2
B	Flat Creek	Black Mountain	25	25-82434	25-82378	25-373441	18	DIP	357.3	6.9	9.8
B	Flat Creek	Black Mountain	25	25-82440	25-82635	25-373442	18	DIP	221.9	12.2	12.2
B	Flat Creek	Black Mountain	25	25-82449	25-82448	25-373443	18	DIP	116.5	6.6	11.6
B	Flat Creek	Black Mountain	25	25-82428	25-82418	25-373645	18	DIP	333.1	12.4	10.4
B	Flat Creek	Black Mountain	25	25-82450	25-82449	25-373829	18	DIP	233.0	7.4	6.6
B	Flat Creek	Black Mountain	25	25-82417	25-82416	25-373830	18	DIP	329.7	11.1	9.0
B	Flat Creek	Black Mountain	25	25-433873	25-82433	25-373857	18	DIP	224.7	No data	10.9
B	Flat Creek	Black Mountain	25	25-82334	25-82333	25-373970	18	DIP	58.7	10.0	12.1
B	Flat Creek	Black Mountain	25	25-75142	25-82451	25-373995	18	DIP	278.2	12.4	9.2
B	Flat Creek	Black Mountain	25	25-82427	25-82428	25-373996	18	DIP	204.4	12.4	12.4
B	Flat Creek	Black Mountain	25	25-82446	25-82445	25-374001	18	DIP	242.5	10.1	15.0
B	Flat Creek	Black Mountain	25	25-82421	25-82422	25-374383	18	DIP	252.3	12.4	11.1
B	Flat Creek	Black Mountain	25	25-82445	25-77871	25-374431	18	DIP	428.6	15.0	12.1
B	Flat Creek	Black Mountain	25	25-75019	25-77874	25-375072	18	DIP	107.4	10.8	11.1
B	Flat Creek	Black Mountain	25	25-82447	25-82446	25-375077	18	DIP	171.6	10.9	10.1
B	Flat Creek	Black Mountain	25	25-82416	25-82415	25-375122	18	DIP	189.2	9.0	3.0
B	Flat Creek	Black Mountain	25	25-82415	25-82412	25-375123	18	DIP	296.1	3.0	15.0
B	Flat Creek	Black Mountain	25	25-82635	25-82439	25-375128	18	DIP	152.2	12.2	8.7
B	Flat Creek	Black Mountain	25	25-82439	25-82409	25-375151	18	DIP	128.5	8.7	8.4
B	Flat Creek	Black Mountain	25	25-82456	25-82455	25-375201	18	DIP	136.3	10.3	13.3
B	Flat Creek	Black Mountain	25	25-82409	25-82410	25-375215	18	DIP	66.0	8.4	7.6
B	Flat Creek	Black Mountain	25	25-82448	25-82447	25-375216	18	DIP	100.6	11.6	10.9
B	Flat Creek	Black Mountain	25	25-82333	25-82332	25-375252	18	DIP	101.4	12.1	19.4
B	Flat Creek	Black Mountain	25	25-82457	25-82411	25-375255	18	DIP	26.2	9.7	10.4
B	Flat Creek	Black Mountain	25	25-82451	25-82450	25-375258	18	DIP	191.4	9.2	7.4
B	Flat Creek	Black Mountain	25	25-82411	25-82456	25-375403	18	DIP	266.0	10.4	10.3
B	Flat Creek	Black Mountain	25	25-82379	25-82334	25-375408	18	DIP	215.5	10.6	10.0
B	Flat Creek	Black Mountain	25	25-77873	25-82443	25-375493	18	DIP	157.0	10.9	11.9
B	Flat Creek	Black Mountain	25	25-77871	25-75017	25-375603	18	PVC	112.0	12.1	11.0
B	Flat Creek	Black Mountain	25	25-77874	25-77873	25-375604	18	DIP	284.4	11.1	10.9
B	Flat Creek	Black Mountain	25	25-82433	25-82419	25-375652	18	DIP	246.0	10.9	12.4
B	Flat Creek	Black Mountain	25	25-82442	25-82441	25-375682	18	DIP	12.4	13.7	12.3
B	Flat Creek	Black Mountain	25	25-82418	25-82417	25-376070	18	DIP	58.8	10.4	11.1
B	Flat Creek	Black Mountain	25	25-82431	25-82432	25-376124	18	DIP	86.1	9.6	6.9
B	Flat Creek	Black Mountain	25	25-75017	25-75019	25-376131	18	PVC	233.1	11.0	10.8
B	Flat Creek	Black Mountain	25	25-82432	25-433873	25-433874	18	DIP	106.5	6.9	No data
Total:									8097.0		

	Segment C	Upper Swannanoa (1)		Upstream MH: MH 45-82363	Downstream MH: MH 25-82332	Size: 18 inches		Footage: 7939 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length	Upstream MH Depth	Downstream MH Depth
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	25	25-82336	25-82335	25-372510	18	DIP	278.0	15.4	18.2
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	25	25-82337	25-82380	25-372511	18	DIP	98.3	15.9	18.7
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	25	25-82340	25-82339	25-374313	18	DIP	140.9	10.4	10.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	25	25-82339	25-82338	25-374365	18	DIP	109.9	10.4	10.9
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	25	25-82380	25-82336	25-375067	18	DIP	276.6	18.7	15.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	25	25-82381	25-82337	25-375115	18	DIP	327.5	14.6	15.9
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	25	25-82338	25-82381	25-375116	18	DIP	370.2	10.9	14.6
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	25	25-82335	25-82332	25-375398	18	DIP	185.7	18.2	19.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82391	45-82390	45-372513	18	DIP	19.5	13.3	15.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82389	45-82388	45-373005	15	HDPE	204.9	10.7	10.7
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82353	45-82352	45-373006	18	PVC	281.5	10.9	11.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82352	45-82351	45-373007	18	DIP	236.1	11.4	11.7
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82363	45-82362	45-373008	18	DIP	403.8	15.8	9.7
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82346	45-82345	45-373090	18	DIP	346.1	12.4	7.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82355	45-82354	45-373093	18	DIP	203.7	9.8	12.2
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82388	45-82382	45-373397	15	HDPE	216.5	10.7	9.3
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82360	45-82359	45-373552	18	DIP	364.7	18.9	13.8
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82358	45-82357	45-373643	18	DIP	338.9	10.7	7.8
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82356	45-82355	45-373644	18	DIP	364.3	8.4	9.8
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82390	45-82389	45-373825	18	DIP	180.2	15.4	10.7
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82351	45-82350	45-373827	18	DIP	56.1	11.7	11.3
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82638	45-82358	45-373828	18	DIP	91.7	9.7	10.7
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82345	45-82344	45-373889	18	DIP	223.1	7.4	10.3
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82342	45-82391	45-373971	18	DIP	165.4	13.0	13.3
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82357	45-82356	45-373994	18	DIP	45.9	7.8	8.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82382	25-82340	45-375069	15	HDPE	486.5	9.3	10.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82362	45-82361	45-375076	18	DIP	156.1	9.7	17.1
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82344	45-82343	45-375239	18	DIP	225.7	10.3	13.1
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82347	45-82346	45-375254	18	DIP	252.3	11.7	12.4
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82343	45-82342	45-375299	18	DIP	153.8	13.1	13.0
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82350	45-82349	45-375303	18	DIP	57.2	11.3	12.5
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82348	45-82347	45-375304	18	DIP	198.7	15.9	11.7
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82359	45-82638	45-375402	18	DIP	167.0	13.8	9.7
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82349	45-82348	45-376072	18	DIP	168.4	12.5	15.9
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82354	45-82353	45-376073	18	DIP	200.5	12.2	10.9
C	Upper Swannanoa (1)	Ridgecrest to Black Mt.	45	45-82361	45-82360	45-376079	18	DIP	343.5	17.1	18.9

Total: 7939.1

36 Pipes

	Segment D	Tomahawk Branch		Upstream MH: MH 57-80035	Downstream MH: MH 13-82488	Size: 18 inches		Footage: 4518 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length	Upstream MH Depth	Downstream MH Depth
D	Tomahawk Branch	Black Mountain	13	13-80055	13-80053	13-372896	18	DIP	473.9	6.0	6.1
D	Tomahawk Branch	Black Mountain	13	13-80051	13-80052	13-373454	18	DIP	216.0	9.3	8.1
D	Tomahawk Branch	Black Mountain	13	13-80056	13-82488	13-373558	18	PVC	172.0	10.3	13.9
D	Tomahawk Branch	Black Mountain	13	13-80053	13-80054	13-373694	18	DIP	181.6	6.1	7.1
D	Tomahawk Branch	Black Mountain	57	57-80063	13-80050	13-373724	18	DIP	179.6	6.7	6.1
D	Tomahawk Branch	Black Mountain	13	13-80054	13-80059	13-374235	18	DIP	178.0	7.1	8.1
D	Tomahawk Branch	Black Mountain	13	13-80059	13-80058	13-374243	18	DIP	235.5	8.1	6.7
D	Tomahawk Branch	Black Mountain	13	13-80058	13-80057	13-375048	18	DIP	126.9	6.7	13.0
D	Tomahawk Branch	Black Mountain	13	13-80057	13-80056	13-375049	18	DIP	174.4	13.0	10.3
D	Tomahawk Branch	Black Mountain	13	13-80052	13-80055	13-375090	18	DIP	251.3	8.1	6.0
D	Tomahawk Branch	Black Mountain	13	13-80050	13-80051	13-376051	18	DIP	308.9	6.1	9.3
D	Tomahawk Branch	Black Mountain	57	57-80035	57-80016	57-372905	18	DIP	26.9	14.5	14.8
D	Tomahawk Branch	Black Mountain	57	57-80016	57-80015	57-372947	18	PVC	92.7	14.8	5.9
D	Tomahawk Branch	Black Mountain	57	57-80018	57-80060	57-373256	18	DIP	113.1	13.5	11.4
D	Tomahawk Branch	Black Mountain	57	57-80017	57-80018	57-373279	18	DIP	142.4	11.3	13.5
D	Tomahawk Branch	Black Mountain	57	57-80019	57-80020	57-373468	18	DIP	89.2	11.7	9.7
D	Tomahawk Branch	Black Mountain	57	57-80014	57-80013	57-373588	18	DIP	314.0	4.9	8.7
D	Tomahawk Branch	Black Mountain	57	57-80020	57-80021	57-373702	18	PVC	149.6	9.7	5.0
D	Tomahawk Branch	Black Mountain	57	57-80015	57-80014	57-373703	18	DIP	94.2	5.9	4.9
D	Tomahawk Branch	Black Mountain	57	57-80049	57-80010	57-373708	18	DIP	97.4	10.5	8.9
D	Tomahawk Branch	Black Mountain	57	57-80010	57-80017	57-373730	18	DIP	34.0	8.9	11.3
D	Tomahawk Branch	Black Mountain	57	57-80011	57-80049	57-374076	18	PVC	353.2	7.9	10.5
D	Tomahawk Branch	Black Mountain	57	57-80060	57-80019	57-375093	18	DIP	149.3	11.4	11.7
D	Tomahawk Branch	Black Mountain	57	57-80013	57-80012	57-375096	18	PVC	230.1	8.7	14.0
D	Tomahawk Branch	Black Mountain	57	57-80021	57-80063	57-375190	18	DIP	26.2	5.0	6.7
D	Tomahawk Branch	Black Mountain	57	57-80012	57-80011	57-375192	18	DIP	107.3	14.0	7.9

Total: 4517.8

20 Pipes

	Segment E	North Fork (Lower)		Upstream MH:	MH 54-77135	Downstream MH:	MH 54-97995	Size:	20 inches		Footage: 1676 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length	Upstream MH Depth	Downstream MH Depth
E	North Fork (Lower)	Black Mountain	54	54-19324	54-97995	54-372609	20	DIP	142.3	7.1	15.0
E	North Fork (Lower)	Black Mountain	54	54-77133	54-77132	54-373755	20	DIP	319.5	13.3	12.9
E	North Fork (Lower)	Black Mountain	54	54-19323	54-19324	54-373984	20	DIP	7.9	15.8	7.1
E	North Fork (Lower)	Black Mountain	54	54-77134	54-77133	54-374064	20	DIP	342.2	9.0	13.3
E	North Fork (Lower)	Black Mountain	54	54-77131	54-19323	54-374481	20	DIP	312.4	14.0	15.8
E	North Fork (Lower)	Black Mountain	54	54-77135	54-77134	54-375261	20	DIP	209.3	9.2	9.0
E	North Fork (Lower)	Black Mountain	54	54-77132	54-77131	54-375262	20	DIP	342.3	12.9	14.0

Total: 1676.0

7 Pipes

	Segment F	Upper Swannanoa (2)		Upstream MH: MH 25-82332	Downstream MH: MH 13-82473	Size: 24 inches		Footage: 6747 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length	Upstream MH Depth	Downstream MH Depth
F	Upper Swannanoa (2)	Black Mountain	13	13-82495	13-82468	13-372541	24	DIP	258.1	12.7	14.7
F	Upper Swannanoa (2)	Black Mountain	13	13-82501	13-82500	13-372542	24	DIP	320.6	14.8	14.8
F	Upper Swannanoa (2)	Black Mountain	13	13-82499	13-82497	13-373110	24	DIP	180.9	18.7	13.3
F	Upper Swannanoa (2)	Black Mountain	25	25-75107	13-82398	13-373447	24	DIP	473.8	13.4	9.4
F	Upper Swannanoa (2)	Black Mountain	13	13-82472	13-82473	13-373664	24	DIP	384.9	12.7	13.7
F	Upper Swannanoa (2)	Black Mountain	13	13-82497	13-82510	13-373665	24	DIP	231.1	13.3	12.7
F	Upper Swannanoa (2)	Black Mountain	13	13-82500	13-82499	13-373842	24	DIP	198.0	14.8	18.7
F	Upper Swannanoa (2)	Black Mountain	13	13-82469	13-82470	13-373987	24	DIP	182.5	16.8	0.0
F	Upper Swannanoa (2)	Black Mountain	13	13-82396	13-82395	13-374342	24	DIP	140.2	10.1	11.4
F	Upper Swannanoa (2)	Black Mountain	13	13-82398	13-82397	13-375134	24	DIP	191.2	9.4	12.1
F	Upper Swannanoa (2)	Black Mountain	13	13-82397	13-82396	13-375135	24	DIP	169.2	12.1	10.1
F	Upper Swannanoa (2)	Black Mountain	13	13-82460	13-82461	13-375318	24	DIP	183.0	12.5	16.0
F	Upper Swannanoa (2)	Black Mountain	13	13-82461	13-82501	13-375412	24	DIP	211.8	16.0	14.8
F	Upper Swannanoa (2)	Black Mountain	13	13-82392	13-82393	13-375743	24	DIP	67.9	7.0	8.0
F	Upper Swannanoa (2)	Black Mountain	13	13-82470	13-82472	13-375807	24	DIP	214.1	0.0	12.7
F	Upper Swannanoa (2)	Black Mountain	13	13-82468	13-82469	13-376084	24	DIP	287.4	14.7	16.8
F	Upper Swannanoa (2)	Black Mountain	13	13-82510	13-82495	13-376086	24	DIP	315.9	12.7	12.7
F	Upper Swannanoa (2)	Black Mountain	13	13-82393	13-82460	13-376087	24	DIP	264.8	8.0	12.5
F	Upper Swannanoa (2)	Black Mountain	13	13-82395	13-82392	13-376168	24	DIP	167.0	11.4	7.0
F	Upper Swannanoa (2)	Black Mountain	25	25-82332	25-82331	25-373089	24	DIP	22.1	19.4	22.6
F	Upper Swannanoa (2)	Black Mountain	25	25-82405	25-82404	25-373448	24	DIP	258.3	14.7	13.2
F	Upper Swannanoa (2)	Black Mountain	25	25-82400	25-75107	25-373583	24	DIP	405.8	13.2	13.4
F	Upper Swannanoa (2)	Black Mountain	25	25-82404	25-82403	25-374049	24	DIP	101.5	13.2	13.1
F	Upper Swannanoa (2)	Black Mountain	25	25-82406	25-82405	25-375091	24	DIP	184.2	13.3	14.7
F	Upper Swannanoa (2)	Black Mountain	25	25-82329	25-82407	25-375136	24	DIP	99.6	23.3	13.3
F	Upper Swannanoa (2)	Black Mountain	25	25-82407	25-82406	25-375137	24	DIP	212.0	13.3	13.3
F	Upper Swannanoa (2)	Black Mountain	25	25-82331	25-82330	25-375253	24	DIP	249.6	22.6	22.5
F	Upper Swannanoa (2)	Black Mountain	25	25-82403	25-82402	25-375274	24	DIP	142.1	13.1	13.3
F	Upper Swannanoa (2)	Black Mountain	25	25-82401	25-82400	25-375302	24	DIP	388.9	14.5	13.2
F	Upper Swannanoa (2)	Black Mountain	25	25-82402	25-82401	25-375401	24	DIP	166.5	13.3	14.5
F	Upper Swannanoa (2)	Black Mountain	25	25-82330	25-82329	25-375429	24	DIP	74.1	22.5	23.3

Total: 6747.1

	Segment G	Upper Swannanoa (3)		Upstream MH: MH 13-82473	Downstream MH: MH 54-97995	Size: 30 inches		Footage: 17,150 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length	Upstream MH Depth	Downstream MH Depth
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82504	13-82467	13-372514	30	DIP	505.5	15.5	12.5
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82467	13-82466	13-372539	30	DIP	226.0	12.5	13.9
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82485	13-82486	13-372540	30	DIP	171.0	11.7	13.2
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82505	13-82507	13-373108	30	DIP	51.7	15.2	15.2
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82487	13-82488	13-373444	30	DIP	378.5	14.1	13.9
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82486	13-82487	13-373445	30	DIP	398.1	13.2	14.1
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82465	13-82505	13-373662	30	DIP	182.3	10.3	15.2
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82482	13-82483	13-373826	30	DIP	294.2	14.9	13.9
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82466	13-82465	13-373839	30	DIP	266.2	13.9	10.3
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82484	13-82485	13-373840	30	DIP	175.5	11.2	11.7
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82473	13-82474	13-373841	30	DIP	249.0	13.7	14.7
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82459	13-82503	13-374017	30	DIP	333.0	13.9	11.6
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82480	13-82512	13-374105	30	DIP	405.6	13.9	13.0
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82476	13-82478	13-374110	30	DIP	350.5	14.7	14.7
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82481	13-82513	13-374339	30	DIP	221.9	18.0	14.0
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82514	13-82476	13-374523	30	DIP	349.0	12.7	14.7
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82516	13-82480	13-374722	30	DIP	92.7	15.9	13.9
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82512	13-82481	13-375086	30	DIP	331.2	13.0	18.0
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82483	13-82484	13-375132	30	DIP	374.1	13.9	11.2
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82513	13-82482	13-375133	30	DIP	220.2	14.0	14.9
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82474	13-82514	13-375238	30	DIP	249.0	14.7	12.7
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82488	13-82459	13-375271	30	DIP	330.8	13.9	13.9
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82503	13-82504	13-375272	30	DIP	303.7	11.6	15.5
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82478	13-82516	13-376085	30	DIP	333.9	14.7	15.9
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-82490	30-82517	30-373016	30	DIP	331.1	13.7	12.1
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442664	30-97966	30-373167	30	DIP	160.2	No data	13.5
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-82508	30-82490	30-373557	30	DIP	334.4	13.1	13.7
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97980	30-97983	30-373653	30	DIP	139.7	13.1	13.4
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97983	30-97981	30-373696	30	DIP	231.6	13.4	13.4
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97974	30-97975	30-373697	30	DIP	131.8	13.5	18.7
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97976	30-97977	30-373847	30	DIP	356.2	14.4	13.4
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97979	30-97980	30-373985	30	DIP	241.9	14.8	13.1
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97971	30-97974	30-373986	30	DIP	87.7	11.3	13.5
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97973	30-97976	30-374216	30	DIP	406.9	14.2	14.4
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97977	30-97978	30-374426	30	DIP	326.3	13.4	14.1
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97978	30-97979	30-374427	30	DIP	339.9	14.1	14.8
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-45263	30-97963	30-374428	30	DIP	22.7	9.3	10.1
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-82517	30-82464	30-375084	30	DIP	366.1	12.1	12.3
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-82464	30-82491	30-375085	30	DIP	321.7	12.3	11.6
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-82491	30-82492	30-375130	30	DIP	380.1	11.6	9.5
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97965	30-97970	30-375181	30	DIP	269.8	13.4	13.4
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97970	30-97971	30-375293	30	DIP	129.1	13.4	11.3
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97967	30-97968	30-375454	30	DIP	241.7	12.5	14.0
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97969	30-97965	30-375455	30	DIP	250.0	12.2	13.4
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97966	30-97967	30-375567	30	DIP	267.7	13.5	12.5
G	Upper Swannanoa (3)	BM to Swannanoa	13	13-82507	30-82508	30-376083	30	DIP	163.2	15.2	13.1
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97975	30-97973	30-376100	30	DIP	102.0	18.7	14.2
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97968	30-97969	30-376101	30	DIP	121.9	14.0	12.2

G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442654	30-442653	30-442670	30	DIP	95.2	No data	13.8
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442653	30-442655	30-442671	30	DIP	203.3	13.8	15.8
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442655	30-442656	30-442672	30	DIP	177.2	15.8	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442656	30-442657	30-442673	30	DIP	301.7	No data	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442657	30-442658	30-442674	30	DIP	198.1	No data	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442658	30-442659	30-442675	30	DIP	300.7	No data	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442659	30-442660	30-442676	30	DIP	301.0	No data	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442660	30-442661	30-442677	30	DIP	301.0	No data	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442662	30-45263	30-442678	30	DIP	130.5	No data	9.3
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97963	30-442663	30-442679	30	DIP	58.5	10.1	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442663	30-442664	30-442680	30	DIP	145.7	No data	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-82492	30-442654	30-442681	30	DIP	61.8	9.5	No data
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-442661	30-442662	30-443313	30	DIP	175.6	No data	No data
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97989	54-97990	54-372610	30	DIP	164.8	12.4	11.3
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97991	54-97992	54-372611	30	DIP	357.1	14.9	11.8
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97987	54-97988	54-373242	30	DIP	164.0	15.8	12.4
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97990	54-97991	54-373652	30	DIP	116.8	11.3	14.9
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97982	54-97986	54-374215	30	DIP	293.1	14.0	13.8
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97993	54-97994	54-374425	30	DIP	194.0	14.3	14.8
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97992	54-97993	54-375180	30	DIP	282.6	11.8	14.3
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97994	54-97995	54-375225	30	DIP	108.0	14.8	15.0
G	Upper Swannanoa (3)	BM to Swannanoa	30	30-97981	54-97982	54-375292	30	DIP	155.7	13.4	14.0
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97986	54-97987	54-375379	30	DIP	175.6	13.8	15.8
G	Upper Swannanoa (3)	BM to Swannanoa	54	54-97988	54-97989	54-375566	30	DIP	170.4	12.4	12.4

Total: 17149.6

	Segment H	Middle Swannanoa (1)		Upstream MH: MH 54-97995	Downstream MH: MH 5-82592	Size: 36 inches		Footage: 22,069 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length	Upstream MH Depth	Downstream MH Depth
H	Middle Swannanoa (1)	Swannanoa to Owen Park	29	29-98026	29-98027	29-375287	36	DIP	206.8	15.8	14.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-59493	53-59492	53-371882	36	DIP	125.0	15.8	16.3
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-59492	53-59491	53-371883	36	DIP	131.7	16.3	15.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-59494	53-59493	53-372348	36	DIP	216.6	16.8	15.8
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98034	53-98036	53-372605	36	DIP	133.3	14.1	17.7
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82632	53-82633	53-373015	36	DIP	209.5	13.7	13.1
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82620	53-82619	53-373103	36	DIP	352.9	16.6	15.5
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82626	53-82623	53-373556	36	DIP	168.2	16.3	16.3
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82621	53-82620	53-373660	36	DIP	350.0	17.2	16.6
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82619	53-82618	53-373661	36	DIP	307.1	15.5	27.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-98038	53-98041	53-373688	36	DIP	180.1	17.9	18.1
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-57250	53-57251	53-373759	36	DIP	154.6	16.4	17.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82604	5-82603	53-373836	36	DIP	253.9	20.5	19.6
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82622	53-82621	53-374015	36	DIP	301.7	17.0	17.2
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-98036	53-98037	53-374209	36	DIP	302.8	17.7	19.3
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-57251	53-59494	53-374487	36	DIP	301.5	17.0	16.8
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-98042	53-98050	53-374608	36	DIP	395.9	17.3	20.7
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82628	53-82624	53-375081	36	DIP	284.0	17.6	17.2
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-98050	53-98051	53-375207	36	DIP	144.6	20.7	15.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-98051	53-57250	53-375208	36	DIP	358.0	15.0	16.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82624	53-82626	53-375214	36	DIP	448.9	17.2	16.3
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82623	53-82622	53-375270	36	DIP	294.6	16.3	17.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82603	53-82602	53-375312	36	PVC	440.8	19.6	17.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82631	53-82632	53-375316	36	DIP	158.7	13.5	13.7
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-59491	53-82630	53-375317	36	DIP	187.1	15.0	13.6
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-98037	53-98038	53-375366	36	DIP	360.5	19.3	17.9
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82618	53-82604	53-375409	36	DIP	111.9	27.0	20.5
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-98041	53-98042	53-375802	36	DIP	292.7	18.1	17.3
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82602	53-82601	53-376078	36	DIP	752.6	17.4	17.8
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82633	53-82625	53-376082	36	DIP	406.2	13.1	18.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82596	5-82595	5-372521	36	DIP	377.4	15.9	15.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82627	53-82628	5-373014	36	DIP	343.9	17.0	17.6
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82598	5-82597	5-373100	36	DIP	367.9	17.7	17.9
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82593	5-82592	5-373407	36	DIP	571.7	13.8	15.2
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82597	5-82596	5-374011	36	DIP	486.4	17.9	15.9
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82601	5-82600	5-374012	36	DIP	476.2	17.8	16.9
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82594	5-82593	5-374315	36	DIP	762.9	15.0	13.8
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82630	5-82631	5-374338	36	DIP	154.1	13.6	13.5
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-63243	5-82627	5-375083	36	PVC	421.6	17.5	17.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82595	5-82594	5-375118	48	DIP	390.8	15.0	15.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	5	5-82600	5-82598	5-375267	36	DIP	173.3	16.9	17.7
H	Middle Swannanoa (1)	Swannanoa to Owen Park	53	53-82625	53-63243	5-375315	36	DIP	431.8	18.0	17.5
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98020	54-98021	54-372608	36	DIP	117.2	21.7	24.2
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98008	54-98009	54-373157	36	DIP	289.2	17.7	17.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98006	54-98007	54-373158	36	DIP	479.1	19.5	24.5
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98024	54-98025	54-373237	36	DIP	265.5	19.8	18.8
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98015	54-98016	54-373240	36	DIP	216.2	21.0	21.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-97997	54-97998	54-373241	36	DIP	180.8	15.4	15.0

H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98033	54-98034	54-373633	36	DIP	93.4	13.0	14.1
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98028	54-98030	54-373635	36	DIP	105.1	13.3	16.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98019	54-98020	54-373650	36	DIP	122.2	23.1	21.7
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98030	54-98029	54-373689	36	DIP	237.7	16.0	15.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98014	54-98012	54-373692	36	DIP	258.7	22.6	21.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98004	54-98005	54-373693	36	DIP	336.8	13.4	17.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98025	29-98026	54-373815	36	DIP	269.5	18.8	15.8
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98012	54-98013	54-373845	36	DIP	127.3	21.4	20.7
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-97996	54-97997	54-373846	36	DIP	300.1	17.6	15.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98021	54-98022	54-373983	36	DIP	293.6	24.2	18.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98022	54-98023	54-374210	36	DIP	186.2	18.0	20.1
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98013	54-98015	54-374213	36	DIP	327.9	20.7	21.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98002	54-98003	54-374214	36	DIP	261.9	13.2	12.1
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98023	54-98024	54-374424	36	DIP	314.6	20.1	19.8
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98029	54-98031	54-375174	36	DIP	197.5	15.4	16.9
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98031	54-98032	54-375175	36	DIP	420.2	16.9	16.3
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98018	54-98019	54-375176	36	DIP	56.8	24.0	23.1
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98007	54-98008	54-375178	36	DIP	202.3	24.5	17.7
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98005	54-98006	54-375179	36	DIP	365.3	17.0	19.5
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98032	54-98033	54-375220	36	DIP	116.1	16.3	13.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-97995	54-97996	54-375226	36	DIP	160.6	15.0	17.6
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98010	54-98011	54-375290	36	DIP	263.2	19.5	24.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	29	29-98027	54-98028	54-375367	36	DIP	405.7	14.4	13.3
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-97998	54-97999	54-375378	36	DIP	186.0	15.0	13.2
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98016	54-98017	54-375452	36	DIP	112.0	21.4	21.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98001	54-98000	54-375453	36	DIP	161.5	12.9	13.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98011	54-98014	54-375564	36	DIP	130.5	24.0	22.6
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98000	54-98002	54-375565	36	DIP	396.4	13.4	13.2
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98017	54-98018	54-376096	36	DIP	135.5	21.4	24.0
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98009	54-98010	54-376097	36	DIP	350.5	17.4	19.5
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-98003	54-98004	54-376098	36	DIP	140.7	12.1	13.4
H	Middle Swannanoa (1)	Swannanoa to Owen Park	54	54-97999	54-98001	54-376099	36	DIP	194.9	13.2	12.9

Total: 22069.1

	Segment I	Middle Swannanoa (2)		Upstream MH: MH 5-82592	Downstream MH: MH 55-82609	Size: 42 inches		Footage: 9783 ft
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Segment ID	Segment Name	Town/Area	Basin	Upstream MH	Downstream MH	Pipe segment ID	Diameter	Material	Length	Upstream MH Depth	Downstream MH Depth
I	Middle Swannanoa (2)	Owen Park to W. Wilson	5	5-82592	55-82591	55-372522	42	DIP	374.9	15.2	13.8
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82583	55-82582	55-373012	42	PVC	510.0	15.9	17.5
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82574	55-82573	55-373099	42	DIP	365.5	23.7	18.5
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82584	55-82583	55-373116	42	DIP	512.5	17.3	15.9
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82577	55-82576	55-373406	42	DIP	585.6	17.3	15.5
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82571	55-82570	55-373550	42	DIP	516.7	17.7	22.1
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82578	55-82577	55-373551	42	DIP	203.8	17.6	17.3
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82567	55-82609	55-373657	42	DIP	517.2	20.9	17.5
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82570	55-82569	55-373834	42	DIP	280.6	22.1	20.3
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82579	55-82578	55-373835	42	DIP	89.9	18.3	17.6
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82568	55-82567	55-374010	42	DIP	918.4	19.7	20.9
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82582	55-82581	55-374324	42	DIP	623.6	17.5	11.7
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82581	55-82580	55-374325	42	DIP	558.7	11.7	12.8
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82580	55-82579	55-375124	42	DIP	201.9	12.8	18.3
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82587	55-82586	55-375125	42	DIP	214.9	14.9	13.6
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82586	55-82585	55-375126	42	DIP	490.6	13.6	14.7
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82569	55-82568	55-375204	42	DIP	375.7	20.3	19.7
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82576	55-82575	55-375206	42	DIP	554.7	15.5	14.3
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82575	55-82574	55-375265	42	DIP	212.9	14.3	23.7
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82573	55-82572	55-375266	42	DIP	396.4	18.5	17.0
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82591	55-82587	55-375406	42	DIP	231.8	13.8	14.9
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82572	55-82571	55-376077	42	DIP	554.7	17.0	17.7
I	Middle Swannanoa (2)	Owen Park to W. Wilson	55	55-82585	55-82584	55-376088	42	DIP	492.0	14.7	17.3

Total: 9783.0