

KENNY

HICKORY

HICKORY

BIRCH

Install 1465 lf of 12" Cured-in-Place Liner from MH 4848-032 to MH 4848-028

MH # 4848-032
Approx depth = 12.1 ft

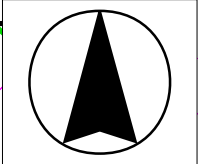
MH # 4848-031

MH # 4848-030
Approx depth = 11.0 ft

MH # 4848-029

MH # 4848-028
Approx depth = 9.9 ft

SITE 6



235'

974

365'

943

370'

900

365'

801

300'

12"

365'

390'

18"

PETERSON

WESTLINK

WESTLINK

MURRAY

MURDOCK

BEKEMEYER

DELANO

MAUS

CADDY

NORMAN



N
6-2

Television Inspection Master Report

1/14/2004
12:38:26PM
W06A

US Manhole: 4848-032
DS Manhole: 4848-031

974 N PETERSON AVE
943 N WESTLINK AVE

Date Insp: 11/21/2003

Basin:

Dir Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Length Status:		Project No.:	K-061
Dia/Ht Width:	12	Material:	VCP	Index:	
Length:	365.0	Slope:	0.200	Surface:	

Inspection Information

Crew:	692	Percent Full:	30	Tape ID:	4128
Weather:	Sunny	Purpose:	TV Existing Line	Counter Start:	18.17
Surface Cond:	Trees & Fences	Flow:	Normal Flow	Counter Stop:	
Dyed Test:	No				

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings				
								Struct	Clean	Remain (gpm)		
1		0.0	US Manhole								0.000	
2		12.0	West	Wye Service / sealed off	1		0.000	0	0		0.000	
3		15.0	East	Wye Service / sealed off	1		0.000	0	0		0.000	
4		16.0	Joint	Roots	4		0.010	10	25		0.010	
5		19.0	Joint	Roots	3		0.008	5	8		0.008	
6		25.0	Joint	Roots	2		0.004	2	4		0.004	
7		34.0	East	Break-In Conn	1		0.001	0	0		0.001	
	LIVE CONNECTION----971 N WESTLINK											
8		59.0	West	Break-In Conn	2		0.002	0	0		0.002	
	LIVE CONNECTION----974 N PETERSON											
9		89.0	West	Wye Service / sealed off	1		0.000	0	0		0.000	
10		92.0	East	Wye Service / sealed off	1		0.000	0	0		0.000	
11		93.0	East	Break-In Conn	2		0.002	0	0		0.002	
	LIVE CONNECTION----965 N WESTLINK / roots inside											
12		121.0	West	Break-In Conn	1		0.001	0	0		0.001	
	LIVE CONNECTION----966 N PETERSON / Protruding slightly / needs bladed down											
13		163.0	West	Wye Service / sealed off	1		0.000	0	0		0.000	
14		166.0	East	Wye Service / sealed off	1		0.000	0	0		0.000	
15		209.0	West	Extended Tap	2		0.002	0	0		0.002	
	LIVE CONNECTION----958 N PETERSON / needs bladed down prior to lining											
16		211.0	East	Break-In Conn	1		0.001	0	0		0.001	
	LIVE CONNECTION----957 N WESTLINK											
17		255.0	East	Break-In Conn	1		0.001	0	0		0.001	
	LIVE CONNECTION----957 N WESTLINK											
18		273.0	West	Wye Service / sealed off	1		0.000	0	0		0.000	
19		276.0	East	Wye Service / sealed off	1		0.000	0	0		0.000	
20		292.0	West	Break-In Conn	1		0.001	0	0		0.001	
	LIVE CONNECTION----944 NPETERSON											
21		344.0	West	Wye Service / sealed off	1		0.000	0	0		0.000	
22		347.0	East	Wye Service / sealed off	1		0.000	0	0		0.000	
23		351.0	West	Break-In Conn	1		0.001	0	0		0.001	
	LIVE CONNECTION----944 N PETERSON											
24		357.0	East	Break-In Conn	2		0.002	0	0		0.002	
	LIVE CONNECTION----943 N WESTLINK / this connection will need replaced / busted outside of the main / roots											
25		362.0	DS Manhole								0.000	

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Television Inspection Master Report

1/14/2004
12:38:26PM
W06A

US Manhole: 4848-031
DS Manhole: 4848-030

943 N WESTLINK AVE
900 N PETERSON AVE

Date Insp: 11/21/2003

Basin:

Dir Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	K-062
Dia/Ht Width:	12 0	Material:	VCP	Index:
Length:	370.0	Slope:	0.200	Surface:
Tape ID:	4128			

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole							0.000
2		4.0	Joint	Roots	2		0.004	2	4	0.004
3		45.0	West	Break-In Conn	2		0.002	0	0	0.002
LIVE CONNECTION----936 N PETERSON										
4		59.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
5		60.0	East	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION---939 N WESTLINK										
6		62.0	East	Wye / sealed off	1		0.001	0	0	0.001
7		77.0	Joint	Roots	3		0.008	5	8	0.008
8		87.0	Joint	Roots	3		0.008	5	8	0.008
9		90.0	East	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----929 N WESTLINK										
10		101.0	Joint	Roots	2		0.004	2	4	0.004
11		107.0	Joint	Roots	2		0.004	2	4	0.004
12		130.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
13		133.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
14		143.0	Joint	Roots	2		0.004	2	4	0.004
15		149.0	West	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION-----928 N PETERSON										
16		169.0	East	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----929 N WESTLINK										
17		208.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
18		211.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
19		224.0	West	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----920 N PETERSON										
20		275.0	East	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----919 N WESTLINK										
21		277.0	West	Break-In Conn	2		0.002	0	0	0.002
LIVE CONNECTION----910 N PETERSON										
22		281.0	West	Break-In Conn	1		0.001	0	0	0.001
SO										
23		285.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
24		338.0	East	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----909 N WESTLINK										
25		355.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
26		359.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
27		367.0	DS Manhole							0.000

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Television Inspection Master Report

1/14/2004
12:38:26PM

US Manhole: 4848-030
DS Manhole: 4848-029

900 N PETERSON AVE

Date Insp: 11/21/2003

Basin: W06A

Dir Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	K-061
Dia/Ht Width:	12 0	Material:	VCP	Index:
Length:	365.0	Slope:	0.200	Surface:
Tape ID:	4128			

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole							0.000
2		5.0	West	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----900 N PETERSON										
3		104.0	Joint	Roots	2		0.004	2	4	0.004
4		118.0	West	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----860 N PETERSON / protruding / needs bladed down										
5		126.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
6		129.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
7		131.0	East	Break-In Conn	2		0.002	0	0	0.002
LIVE CONNECTION----859 N WESTLINK / bad roots around the outside of the tap										
8		139.0	Joint	Roots	3		0.008	5	8	0.008
9		147.0	Joint	Roots	2		0.004	2	4	0.004
10		176.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
11		177.0	Joint	Roots	3		0.008	5	8	0.008
12		179.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
13		188.0	Joint	Roots	3		0.008	5	8	0.008
14		194.0	West	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----852 N PETERSON										
15		195.0	Joint	Roots	4		0.010	10	25	0.010
16		207.0	East	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----853 N WESTLINK										
17		238.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
18		241.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
19		276.0	West	Break-In Conn	2		0.002	0	0	0.002
LIVE CONNECTION----844 N PETERSON										
20		281.0	East	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----843 N WESTLINK										
21		282.0	Joint	Roots	2		0.004	2	4	0.004
22		283.0	Joint	Roots	2		0.004	2	4	0.004
23		338.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
24		341.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
25		344.0	West	Break-In Conn	1		0.001	0	0	0.001
LIVE CONNECTION----836 N PETERSON										
26		363.0	DS Manhole							0.000

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Television Inspection Master Report

1/14/2004
12:38:26PM

US Manhole: 4848-029
DS Manhole: 4848-028 801 W DELANO ST

Date Insp: 11/21/2003 Basin: W06A

Dir Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	K-061
Dia/Ht Width:	12	Material:	VCP	Index:
Length:	365.0	Slope:	0.200	Surface:
Tape ID:	4128			

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole 4848-029							0.000
2		11.0	East	Break-In Conn	2		0.002	0	0	0.002
			LIVE CONNECTION----835 N WESTLINK							
3		48.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
4		51.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
5		69.0	West	Break-In Conn	1		0.001	0	0	0.001
			LIVE CONNECTION----828 NJ PETERSON							
6		70.0	Joint	Roots	3		0.008	5	8	0.008
7		71.0	East	Break-In Conn	2		0.002	0	0	0.002
			LIVE CONNECTION----827 WESTLINK							
8		125.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
9		128.0	West	Wye Service	3		0.000	2	0	0.000
			CONNECTION----BROKEN----820 N PETERSON / BAD CONDITION - NEED TO KNOW IF THIS IS ACTIVE							
10		136.0	East	Break-In Conn	2		0.002	0	0	0.002
			LIVE CONNECTION----819 N WESTLINK / PACKED WITH ROOTS							
11		144.0	West	Break-In Conn	2		0.002	0	0	0.002
			LIVE CONNECTION----820 N PETERSON / ROOTS AROUND THE OUTSIDE OF THE TAP							
12		205.0	West	Break-In Conn	1		0.001	0	0	0.001
			LIVE CONNECTION----814 N PETERSON							
13		207.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
14		210.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
15		235.0	East	Extended Tap	2		0.002	0	0	0.002
			LIVE CONNECTION----811 N WESTLINK / NEEDS BLADED DOWN PRIOR TO LINING							
16		272.0	East	Break-In Conn	1		0.001	0	0	0.001
			LIVE CONNECTION----801 N WESTLINK							
17		281.0	West	Wye Service / sealed off	1		0.000	0	0	0.000
18		284.0	East	Wye Service / sealed off	1		0.000	0	0	0.000
19		287.0	West	Break-In Conn	2		0.002	0	0	0.002
			LIVE CONNECTION----800 N PETERSON							
20		361.0	DS Manhole 4848-028							0.000

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