

APPENDIX B
CONDITION CODING FOR SEWER INSPECTIONS

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	20763	Work Status:	COMPLETED
Entity ID:	18176	Contractor Name:	UJ-DJ/BILL
GIS Table ID:	28	Contractor Job No:	710-2002
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA00009206	Completed Date:	8/12/2003
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	101.2
Added By:	SYSTEM	Asset Quantity:	100.8
Added Date:	8/12/2003	Invalid Offset Flag:	N
Asset Install Date:	1/1/1905	Work Quantity:	101.2
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	85	Est. Program Cost:	\$0.00
Program Name:	SEWER CLEANING & INSPECTION - ST. JOHNS	Actual Cost:	<Null>
QA/QC By:	ETOUPIN	History Reason:	<Null>
QA/QC Date:	10/16/2003		
Street//Place Name:	BANNERMAN AVE		
Location Details:	MH @ SALTER ST-1ST MH E OF SALTER ST		
Comments:	CD# 85-244		
Import No:	1883	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	375
Insp. Asset No:	18176	Width (mm):	<Null>
Start Manhole No:	18175	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	4.25	Lining:	<Null>
End Manhole No:	18177	Pipe Length (m):	0.8
End Manhole Depth:	4.01	Total Length (m):	100.8
Insp. Time:	1121	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	85067		
Structural Peak:	100.0	Asset SPG:	5
Structural Total:	333.4	Asset SPG By:	ETOUPIN
Structural Mean:	3.3	Asset SPG Date:	8/12/2003
Structural Grade:	3	SPG Review By:	ETOUPIN
Service Peak:	10.0	SPG Review Date:	10/16/2003
Service Total:	61.1	Rehab. Review By:	ETOUPIN
Service Mean:	0.6	Rehab. Review Date:	10/16/2003
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
00000	0.00		ST	NONE								MH 18175
	0.10		WL	NONE					5			
	1.60		FCJ	PIPE		5	7				8.0	
	1.60		CL	PIPE		2					2.0	ENDS @ 03
	1.60		SSS	PIPE		7	8				0.0	
	1.60		MC	NONE								TO VC
	1.60		CL	PIPE		4					2.0	
	1.70		CL	PIPE		6					2.0	
	1.80		CL	PIPE		1					2.0	
	2.00		CCJ	PIPE		12	4				1.0	
	2.00		CL	PIPE		12					2.0	
	2.00	5.20	FL	PIPE		8					48.0	
	2.00	4.60	FL	PIPE		4					39.0	
	2.00		SSMJ	PIPE		7					1.0	
	2.30		CL	PIPE		8					2.0	ENDS @ 07
	2.70		SSM	PIPE		7	8				1.0	
	2.70		SSM	PIPE		3	4				1.0	
	3.50		CL	PIPE		12					2.0	
	4.00		SSS	PIPE		7	9				0.0	
	4.00		SSS	PIPE		4					0.0	
	4.40		H	PIPE		7	9				75.0	
	4.60		SSMJ	PIPE		3					1.0	CHIP @ JOINT
	5.30		CL	PIPE		8					2.0	
	6.00		EL	NONE		12					1.0	
	6.60		CC	PIPE		7	8				1.0	
	6.90		SSL	PIPE		7	8				15.0	
	7.10		SSMJ	PIPE		5					1.0	CHIP @ JOINT
	11.60		CN	NONE	150	1						VC
	11.60		EM	NONE		1	5	10			2.0	
	11.60		SSMJ	PIPE		10					1.0	CHIP @ JOINT
	12.90		OB	NONE				10			10.0	PIECE OF PIPE
	12.90		GO	NONE								IN LINE
	17.70		CN	NONE	150	10						VC
	29.20		JN	NONE	150	2						VC
	29.70		JN	NONE	150	9						CAPPED
	29.70		EL	NONE		8	9				1.0	
	37.40		DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	37.80		CL	PIPE		8					2.0	ENDS @ 07
	38.70		ELJ	NONE		10	11				1.0	
	42.10		DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	43.40		DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	44.70		ELJ	NONE		9	10				1.0	
	45.80	54.60	DEG	NONE		3	9	5			8.8	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	49.30		JN	NONE	150	2						CAPPED
	49.90		JN	NONE	150	10						VC
	56.40		DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	57.20		DEG	NONE		3	9	5			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	58.00	60.60	DEG	NONE		3	9	0			2.6	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	61.00		CL	PIPE		8					2.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
61.20			SSMJ	PIPE		2					1.0	CHIP @ JOINT
61.90			DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
62.20			CL	PIPE		9					2.0	
63.30			DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
64.50			DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
65.20			DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
65.30			CL	PIPE		10					2.0	
66.50			DEG	NONE		3	9	5			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
66.50			ELJ	NONE		4	5				1.0	
68.50	71.50		DEG	NONE		3	9	5			3.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
69.50			JN	NONE	150	3						VC
70.10			JN	NONE	150	10						VC
73.20			DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
79.90			DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
80.50			SSMJ	PIPE		7	8				1.0	CHIP @ JOINT
83.00			SSMJ	PIPE		5					1.0	CHIP @ JOINT
83.00			CLJ	PIPE		6					2.0	
83.70			SSMJ	PIPE		11	12				1.0	
83.70			CL	PIPE		12					2.0	
84.30			CL	PIPE		12					2.0	
84.30			FL	PIPE		2					15.0	
84.30			FLJ	PIPE		6					15.0	Former Joint ContDef: 8,
85.00	88.20		CL	PIPE		12					6.4	
85.00			SSSJ	PIPE		4					0.0	
85.10			FLJ	PIPE		6					15.0	Former Joint ContDef: 8,
85.90			FLJ	PIPE		6					15.0	Former Joint ContDef: 8,
86.20			DEG	NONE		3	9	5			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
86.30			CC	PIPE		8	12				1.0	
86.70			FLJ	PIPE		6					15.0	Former Joint ContDef: 8,
86.90			CL	PIPE		10					2.0	
87.00			CC	PIPE		2	6				1.0	
87.00			CC	PIPE		10	12				1.0	
87.00			DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
87.10			CC	PIPE		12	2				1.0	
87.50			CL	PIPE		9					2.0	
87.50			DEG	NONE		3	9	5			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
88.20			DEG	NONE		3	9	10			2.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
88.20			CL	PIPE		9					2.0	
88.20			FLJ	PIPE		6					15.0	Former Joint ContDef: 8,
88.40			JN	NONE	150	3						VC
88.90			DEG	NONE		3	9	10			2.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
89.10			JN	NONE	150	9						LIVE
89.50	100.20		DEG	NONE		3	9	5			10.7	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
95.50			CN	NONE	150	1						LIVE, DEG IN CN
101.20			MH	NONE								MH 18177

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
02250	101.22		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	117930	Work Status:	COMPLETED
Entity ID:	20874	Contractor Name:	CAMBRIAN VAC
GIS Table ID:	28	Contractor Job No:	504-2003
Asset Type:	SEWER	CWMS Work Order:	17930
Asset Number:	S-MA40010716	Completed Date:	7/13/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	106.9
Added By:	SYSTEM	Asset Quantity:	106.9
Added Date:	9/23/2003 4:45:39 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1922	Work Quantity:	106.9
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	103	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i - Contract 1 - Roland	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	BEACH AV		
Location Details:	1ST MH W OF CAMERON ST TO MH AT CAMERON ST (W PL)		
Comments:	VHS TAPE		
Import No:	5143	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	20874	Width (mm):	<Null>
Start Manhole No:	20873	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	3.90	Lining:	<Null>
End Manhole No:	20867	Pipe Length (m):	0.7
End Manhole Depth:	4.53	Total Length (m):	106.9
Insp. Time:	1652	Purpose:	C-RENEWAL ASSESSMENT
Flow Type:	C-COMBINED	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	A-URBAN MAIN ROAD
Tape/CD No:	J3017		
Structural Peak:	185.0	Asset SPG:	5
Structural Total:	260.0	Asset SPG By:	NCLINCH
Structural Mean:	2.4	Asset SPG Date:	8/27/2004 9:43:44 AM
Structural Grade:	5	SPG Review By:	NCLINCH
Service Peak:	10.0	SPG Review Date:	8/27/2004 9:43:44 AM
Service Total:	140.4	Rehab. Review By:	<Null>
Service Mean:	1.3	Rehab. Review Date:	<Null>
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
34	0.00		ST	NONE							DOWNSTREAM (WITH FLOW)
42	0.01		MH	NONE							20873
48	0.01		WL	NONE				10			
48	0.01		GO	NONE							STMH LOC: 1ST MH W OF CAMERON ST
90	0.01		GO	NONE							TILE MISSING FROM MH INTERFACE
97	0.01		H	PIPE		7	5			160.0	
109	0.01		FC	PIPE		8	10			8.0	
162	0.01		CL	PIPE		12				2.0	
162	0.01		SSL	PIPE		12				15.0	
207	2.70		WL	NONE				5			
224	4.10		FLJ	PIPE		1				15.0	
224	4.10		FLJ	PIPE		2				15.0	
230	4.30		RF	NONE						1.0	AT CXI
230	4.30		CXI	NONE	150	2			40		
277	4.30		CC	PIPE		3				1.0	
277	4.30		FC	PIPE		3	5			8.0	
290	5.80		JN	NONE	150	2					RF IN JN, CAPPED
323	6.20		CC	PIPE		1				1.0	
345	7.20		CCJ	PIPE		1	3			1.0	
345	7.20	38.90	DEG	NONE		3		1		31.7	Finish ContDef Comments: NONE, Finish ContDef Clock At: 03, Finish ContDef Intrusion: 01, Start ContDef Comments: NONE
345	7.20	38.90	DEG	NONE		9		1		31.7	Finish ContDef Comments: NONE, Finish ContDef Clock At: 09, Finish ContDef Intrusion: 01, Start ContDef Comments: NONE
361	8.70		ELJ	NONE		7	5			1.0	
368	8.70		LR	NONE							
392	11.00		CL	PIPE		1				2.0	
392	11.00		EL	NONE		1	4			1.0	FOLLOWS CL
401	11.30		CX	NONE	150	2					SSS AND RF AT CX
439	11.60		CL	PIPE		1				2.0	
439	12.70		JN	NONE	150	11					
495	13.30		ELJ	NONE		1	4			1.0	
505	13.40		JN	NONE	150	2					CAPPED
546	14.80		RFJ	NONE						1.0	
564	17.20		ELJ	NONE		1	5			1.0	
588	20.30		JN	NONE	150	1					RF IN JN, CAPPED
592	20.40		EL	NONE		2	5			1.0	
628	21.10		JN	NONE	150	11					RF IN JN, CAPPED
669	21.80		RFJ	NONE						1.0	Former Joint ContDef: 4, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	22.50		RFJ	NONE						1.0	Former Joint ContDef: 4, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	23.20		RFJ	NONE						1.0	Former Joint ContDef: 4, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	23.90		RFJ	NONE						1.0	Former Joint ContDef: 4, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
693	24.00		CL	PIPE		1				2.0	
	24.60		RFJ	NONE						1.0	Former Joint ContDef: 4, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	25.60		RFJ	NONE						1.0	Former Joint ContDef: 4, Finish ContDef Comments: NONE, Start ContDef Comments: NONE

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
716	26.30		ELJ	NONE		3		5			1.0	
728	27.10		RFJ	NONE							1.0	
732	27.10		LL	NONE								
742	27.90		JN	NONE	150	2						RF IN JN, CAPPED
776	29.30		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
783	29.30		LR	NONE								
	30.00		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
794	30.10		LR	NONE								
801	30.40		JN	NONE	150	11						CAPPED
	30.70		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
833	31.00		EL	NONE		7		9			1.0	
833	31.00		JN	NONE	150	10						
	31.40		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
867	31.70		ELJ	NONE		2		5			1.0	
	32.10		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	32.80		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	33.50		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
889	34.00		LL	NONE								
	34.20		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	34.90		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	35.60		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
903	35.60		SSS	PIPE		12					0.0	
918	35.80		JN	NONE	150	2						
918	35.80		EL	NONE		3		5			1.0	CAPPED
	36.30		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	37.00		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	37.70		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	38.90		RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
989	39.60		JN	NONE	150	11						CAPPED
1048	42.80		JN	NONE	150	2						
1083	44.20		SSS	PIPE		11					0.0	
1107	45.70		LL	NONE								

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
1116	46.50		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	47.20		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
1128	47.60		WL	NONE				10				
	47.90		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	48.60		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	49.30		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	50.00		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
1151	50.20		WL	NONE					5			
1155	50.20		ELJ	NONE		10	3				1.0	
1163	50.30		JN	NONE	150	11						RM IN JN
	50.70		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
1205	51.10		JN	NONE	150	2						RM IN JN
	51.40		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	52.10		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
1252	52.50		ELJ	NONE		2	5				1.0	
	52.80		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
1262	52.80		EL	NONE		8	4				1.0	
	53.50		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	54.20		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	54.90		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	55.60		RFJ	NONE							1.0	Former Joint ContDef: 6, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
1300	57.10		LL	NONE								
1314	58.00		JN	NONE	150	2						
1321	58.00		EL	NONE		3	5				1.0	CAPPED
1352	58.60		ELJ	NONE		7	4				1.0	
1368	59.60		JN	NONE	150	10						CAPPED
1400	60.20		ELJ	NONE		7	12				1.0	
1406	60.20		WL	NONE				10				
1431	62.70		EL	NONE		8	9				1.0	
1431	62.70		JN	NONE	200	10						
1463	63.30		FCJ	PIPE		2	4				8.0	
1487	63.50		JN	NONE	200	2						
1519	64.00		DV	PIPE				5			10.0	MANUFACTURE DEFECT

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
1530	64.70		CCJ	PIPE		7	10			1.0	
1545	65.70		JN	NONE	150	1					
1574	66.10		WL	NONE				5			
1618	67.30		WL	NONE				10			
1639	69.30		LL	NONE							
1648	69.50		JN	NONE	150	11					
1695	70.80		CL	PIPE		10				2.0	
1724	71.70		CCJ	PIPE		10	1			1.0	
1742	73.40		JN	NONE	150	1					CAPPED
1790	74.30		LR	NONE							
1803	75.20		WL	NONE				5			
1840	79.50		JN	NONE	150	11					
1877	81.00		LR	NONE							
1883	81.10		WL	NONE				10			
1908	82.40		ELJ	NONE		8				1.0	
1921	82.70		JN	NONE	150	2					CAPPED
1965	83.40		WL	NONE				5			
1986	84.10		LL	NONE							
2033	88.60		ELJ	NONE		7	10			1.0	
2048	89.00		JN	NONE	150	10					
2098	91.10		JN	NONE	150	2					CAPPED
2189	95.00		CNI	NONE	150	11			20		
2252	95.60		ELJ	NONE		8	5			1.0	
2268	96.40		ELJ	NONE		7	12			1.0	
2274	96.40		WL	NONE				10			
2287	97.40		JN	NONE	150	11					CAPPED
2337	99.50		LR	NONE							
2354	100.40		RFJ	NONE						1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2364	100.50		JN	NONE	150	2					RF IN JN, CAPPED
	101.10		RFJ	NONE						1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	101.80		RFJ	NONE						1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2427	102.40		WL	NONE				10			
	102.50		RFJ	NONE						1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	103.20		RFJ	NONE						1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2440	103.50		LL	NONE							
2444	103.60		WL	NONE				15			
	103.90		RFJ	NONE						1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2453	104.20		WL	NONE				20			
	104.60		RFJ	NONE						1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2474	105.10		JN	NONE	150	11					RF IN JN, CAPPED
	105.70		RFJ	NONE						1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2517	105.70		CL	PIPE		1				2.0	
2517	105.70		CC	PIPE		3	1			1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
2517	105.70		EL	NONE		3	4				1.0	
2517	105.70		EL	NONE		8	9				1.0	
2517	105.70		CL	PIPE		10					2.0	
2524	105.90		CC	PIPE		9	10				1.0	
2543	106.10		OB	NONE					5		10.0	STICK
2543	106.10		WL	NONE					15			
2604	106.90		GO	NONE								FMH LOC: MH AT CAMERON ST (W PL)
2604	106.90		MH	NONE								20867
2612	106.91		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	7706	Work Status:	COMPLETED
Entity ID:	8839	Contractor Name:	MIKE/JEPO
GIS Table ID:	28	Contractor Job No:	1386-99
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA20017334	Completed Date:	6/27/2000
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	43.2
Added By:	SYSTEM	Asset Quantity:	78.8
Added Date:	6/27/2000	Invalid Offset Flag:	N
Asset Install Date:	1/1/1860	Work Quantity:	43.2
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	34	Est. Program Cost:	\$0.00
Program Name:	SEWER C&I - CONTRACT 2 - AUBREY	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	BURNELL ST		
Location Details:	1ST MH N OF ELLICE AV TO MH AT ELLICE AV		
Comments:	CNI AT 42.7M. REVERSAL REQUIRED, A4 TAPE # 42058		
Import No:	471	Shape:	C-CIRCULAR
Current Flag:	N	Height (mm):	375
Insp. Asset No:	8839	Width (mm):	<Null>
Start Manhole No:	8838	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	4.75	Lining:	<Null>
End Manhole No:	8819	Pipe Length (m):	0.6
End Manhole Depth:	5.56	Total Length (m):	78.8
Insp. Time:	1757	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	I-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	34077		
Structural Peak:	60.0	Asset SPG:	5
Structural Total:	145.0	Asset SPG By:	BCROFT
Structural Mean:	3.4	Asset SPG Date:	3/25/2004
Structural Grade:	3	SPG Review By:	SMS
Service Peak:	10.0	SPG Review Date:	9/30/2003
Service Total:	39.9	Rehab. Review By:	SMS
Service Mean:	0.9	Rehab. Review Date:	9/30/2003
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
04420	0.00		ST	NONE							MH 8838
	0.01		WL	NONE				20			
	1.60		B	PIPE		6	8			60.0	BOTTOM UP
	1.90		JN	NONE	150	1					PLUGGED
	1.90		CNI	NONE	150	11			70		LIVE
	2.00		WL	NONE				30			PONDING
	5.50		OB	NONE				20		10.0	
	5.50		CL	PIPE		9				2.0	
	5.80		WL	NONE				20			
	6.30		DEG	NONE		3	9	5		1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	7.40	9.90	DEG	NONE		3	9	5		2.5	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	8.00		RFJ	NONE						1.0	
	8.20		JX	NONE	150	11					LIVE; FRACTURED
	8.60		RMJ	NONE				5		1.0	
	11.70		EL	NONE		2	4			1.0	
	11.80		JN	NONE	150	2					LIVE
	13.00		LL	NONE							
	15.40		LR	NONE							
	15.40		RFJ	NONE						1.0	
	16.30		EL	NONE		8	10			1.0	
	16.40		JN	NONE	150	11					LIVE
	16.80		RMJ	NONE				5		1.0	Former Joint ContDef: 2,
	17.40		RMJ	NONE				5		1.0	Former Joint ContDef: 2,
	18.00		RMJ	NONE				5		1.0	Former Joint ContDef: 2,
	19.20		ELJ	NONE		2	4			1.0	
	20.40		LL	NONE							
	21.30		JN	NONE	150	1					PLUGGED
	24.50		JN	NONE	150	11					PLUGGED
	27.90		EMJ	NONE		8	10	10		2.0	
	27.90		ELJ	NONE		2	4			1.0	
	29.20		DEG	NONE		3	9	5		1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	30.60		EL	NONE		11	12			1.0	
	31.70	43.10	DEG	NONE		3	9	5		11.4	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	31.80		EL	NONE		8	10			1.0	
	31.90		JN	NONE	150	11					LIVE
	32.60		JN	NONE	150	1					PLUGGED
	32.70		FL	PIPE		2				15.0	
	33.60		WL	NONE				30			PONDING
	34.10		FCJ	PIPE		11	1			8.0	
	38.00		BJ	PIPE		11	12			60.0	
	42.60		CNI	NONE	150	2			180		LIVE
	43.11		SA	NONE							CNI
05310	43.22		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	7705	Work Status:	COMPLETED
Entity ID:	8839	Contractor Name:	MIKE/JEPO
GIS Table ID:	28	Contractor Job No:	1386-99
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA20017334	Completed Date:	6/28/2000
Work Type ID:	8	Survey Direction:	UPSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	36.1
Added By:	SYSTEM	Asset Quantity:	78.8
Added Date:	6/28/2000	Invalid Offset Flag:	N
Asset Install Date:	1/1/1860	Work Quantity:	36.1
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	34	Est. Program Cost:	\$0.00
Program Name:	SEWER C&I - CONTRACT 2 - AUBREY	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	BURNELL ST		
Location Details:	MH AT ELLICE AV TO 1ST MH N OF ELLICE AV		
Comments:	REVERSAL		
Import No:	471	Shape:	C-CIRCULAR
Current Flag:	N	Height (mm):	375
Insp. Asset No:	8839	Width (mm):	<Null>
Start Manhole No:	8819	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	5.56	Lining:	<Null>
End Manhole No:	8838	Pipe Length (m):	0.6
End Manhole Depth:	4.75	Total Length (m):	78.8
Insp. Time:	0853	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	34077		
Structural Peak:	18.0	Asset SPG:	5
Structural Total:	67.5	Asset SPG By:	BCROFT
Structural Mean:	1.9	Asset SPG Date:	3/25/2004
Structural Grade:	3	SPG Review By:	SMS
Service Peak:	3.0	SPG Review Date:	9/30/2003
Service Total:	38.6	Rehab. Review By:	SMS
Service Mean:	1.1	Rehab. Review Date:	9/30/2003
Service Grade:	2		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
05310	0.00		ST	NONE								MH 8819
	0.01		WL	NONE					20			
	0.01		CL	PIPE		12					2.0	
	0.10	3.80	DEG	NONE		3	9	5			3.7	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	0.30		FC	PIPE		3	5				8.0	
	0.90		FC	PIPE		9	12				8.0	
	2.00		WL	NONE				5				
	3.20		FL	PIPE		1					15.0	
	4.80		WL	NONE				10				
	5.40		WL	NONE				20				PONDING
	6.00		CNI	NONE	150	1				80		LIVE
	6.00		EM	NONE		1	2	20			2.0	
	6.10		JN	NONE	150	11						PLUGGED
	6.60	33.50	DEG	NONE		3	9	5			26.9	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	7.00		CL	PIPE		1					2.0	
	9.50		FL	PIPE		2					15.0	
	9.60		WL	NONE				30				
	11.30		CN	NONE	150	11						LIVE
	11.50		LR	NONE								
	11.60		WL	NONE				40				PONDING
	12.10		FL	PIPE		12					15.0	
	13.90		LL	NONE								
	14.80		DEG	NONE		3	9	5			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	15.60		JN	NONE	150	11						PLUGGED
	17.50		JN	NONE	150	1						LIVE
	20.20		LL	NONE								
	22.00		RFJ	NONE							1.0	
	22.00		JDM	PIPE							0.5	
	22.60		LR	NONE								
	23.30		CU	NONE								
	23.80		JDM	PIPE							0.5	
	24.90		JN	NONE	150	2						PLUGGED
	25.50		JN	NONE	150	11						PLUGGED
	27.20		ELJ	NONE		1	4				1.0	
	27.20		ELJ	NONE		8	10				1.0	
	28.00		SSS	PIPE		8	4				0.5	
	32.70		JDM	PIPE							0.5	
	32.70		ELJ	NONE		1	3				1.0	
	33.10		EL	NONE		3	5				1.0	
	33.10		JN	NONE	150	2						PLUGGED
	33.70		JN	NONE	150	11						PLUGGED
	34.40		WL	NONE				30				
	35.10		LR	NONE								
	35.10		JDM	PIPE							0.5	
	35.40		CNI	NONE	150	10				180		LIVE
	36.01		SA	NONE								CNI
10130	36.12		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	132095	Work Status:	COMPLETED
Entity ID:	59679	Contractor Name:	UJ-MIKE/BILL
GIS Table ID:	28	Contractor Job No:	202-2005
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA60022782	Completed Date:	2/3/2005
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	43.4
Added By:	ETOUPIN	Asset Quantity:	42.9
Added Date:	4/6/2005 8:59:58 AM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1964	Work Quantity:	43.4
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	129	Est. Program Cost:	<Null>
Program Name:	2005 Public Works Associated Rehab	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	DUCHARME AV		
Location Details:	MH @ VILLENEUVE - 1ST MH E OF VILLENEUVE		
Comments:	CD #202-10		
Import No:	5534	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	250
Insp. Asset No:	59679	Width (mm):	<Null>
Start Manhole No:	95236	Material:	CO-CONCRETE
Start Manhole Depth:	3.34	Lining:	<Null>
End Manhole No:	26265	Pipe Length (m):	1.2
End Manhole Depth:	3.81	Total Length (m):	<Null>
Insp. Time:	1738	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	20203		
Structural Peak:	77.2	Asset SPG:	1
Structural Total:	148.5	Asset SPG By:	SYSTEM
Structural Mean:	3.4	Asset SPG Date:	1/1/1964
Structural Grade:	3	SPG Review By:	<Null>
Service Peak:	21.2	SPG Review Date:	<Null>
Service Total:	75.5	Rehab. Review By:	<Null>
Service Mean:	1.7	Rehab. Review Date:	<Null>
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
0455	0.00		ST	NONE							MH #95236
	0.10		WL	NONE				10			
	0.50		DEG	NONE		7	12	0		1.0	
	0.50		DEG	NONE		3	4	0		1.0	
	1.30		CC	PIPE		12	1			1.0	
	1.30		EL	NONE		2	5			1.0	FOLLOWSDEFECT
	1.30		CC	PIPE		7	8			1.0	
	1.40		CXI	NONE	150	10			50		FRACTURED
	1.50		H	PIPE		10				60.0	
	1.60		SSL	PIPE		5				15.0	
	1.70	42.70	SSS	PIPE		7	5			20.5	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	1.70		OB	NONE				5		10.0	GASKETHANGING
	1.70		OB	NONE				40		10.0	GASKETHANGING
	1.80	30.20	DEG	NONE		8	4	5		28.4	Finish ContDef Comments: NONE, Finish ContDef Clock At: 08, Finish ContDef Clock To: 04, Finish ContDef Intrusion: 05, Start ContDef Comments: NONE
	5.10		CL	PIPE		9				2.0	
	10.70		WL	NONE				15			
	12.40		WL	NONE				10			
	18.20		EL	NONE		3	5			1.0	
	21.30		EL	NONE		8	10			1.0	
	21.40		CX	NONE	150	10					HINCX
	24.70		ELJ	NONE		2	4			1.0	
	30.30		SSM	PIPE		4				1.0	
	30.30	32.30	DEG	NONE		8	4	10		4.0	Finish ContDef Comments: NONE, Finish ContDef Clock At: 08, Finish ContDef Clock To: 04, Finish ContDef Intrusion: 10, Start ContDef Comments: NONE
	30.50		SSM	PIPE		8				1.0	
	30.60		SSM	PIPE		3	5			1.5	
	30.80		SSMJ	PIPE		8	9			1.0	
	32.40	35.50	DEG	NONE		8	4	0		3.1	Finish ContDef Comments: NONE, Finish ContDef Clock At: 08, Finish ContDef Clock To: 04, Finish ContDef Intrusion: 00, Start ContDef Comments: NONE
	32.90		SSL	PIPE		4	5			15.0	
	32.90		SSL	PIPE		7	9			20.0	
	35.60		DEG	NONE		8	4	5		1.0	
	36.60		DEG	NONE		9	4	5		1.0	
	37.20	41.20	DEG	NONE		9	4	10		8.0	Finish ContDef Comments: DEFECTWANDERS, Finish ContDef Clock At: 08, Finish ContDef Clock To: 04, Finish ContDef Intrusion: 10, Start ContDef Comments: NONE
	40.60		SSMJ	PIPE		4				1.0	
	41.30		DEG	NONE		2	4	0		1.0	
	41.30		DEG	NONE		8		0		1.0	
	42.30		WL	NONE				25			
	42.30		DEG	NONE		4		0		1.0	
	42.30		DEG	NONE		8		0		1.0	
	42.80		CU	NONE							
	42.80		FC	PIPE		9	10			8.0	
	42.80		SSS	PIPE		8	4			0.5	
	43.40		MH	NONE							MH #95236
0533	43.41		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	117984	Work Status:	COMPLETED
Entity ID:	21106	Contractor Name:	CAMBRIAN VAC
GIS Table ID:	28	Contractor Job No:	504-2003
Asset Type:	SEWER	CWMS Work Order:	17984
Asset Number:	S-MA40011669	Completed Date:	8/30/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	38.4
Added By:	SYSTEM	Asset Quantity:	38.5
Added Date:	9/23/2003 5:06:09 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1913	Work Quantity:	38.4
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	103	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i - Contract 1 - Roland	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	EATON ST		
Location Details:	MH AT HERBERT AV TO MH AT 1ST LN N OF HERBERT AV		
Comments:	VHS TAPE		
Import No:	5255	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	21106	Width (mm):	<Null>
Start Manhole No:	21107	Material:	PVC-POLYVINYL CHLORIDE
Start Manhole Depth:	4.55	Lining:	<Null>
End Manhole No:	21108	Pipe Length (m):	0.7
End Manhole Depth:	6.06	Total Length (m):	38.5
Insp. Time:	1228	Purpose:	C-RENEWAL ASSESSMENT
Flow Type:	C-COMBINED	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	A-URBAN MAIN ROAD
Tape/CD No:	J3061		
Structural Peak:	78.0	Asset SPG:	4
Structural Total:	138.0	Asset SPG By:	NCLINCH
Structural Mean:	3.6	Asset SPG Date:	10/4/2004 3:38:49 PM
Structural Grade:	3	SPG Review By:	NCLINCH
Service Peak:	10.0	SPG Review Date:	10/4/2004 3:38:49 PM
Service Total:	17.0	Rehab. Review By:	<Null>
Service Mean:	0.4	Rehab. Review Date:	<Null>
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
2884	0.00		ST	NONE								DOWNSTREAM (WITH FLOW)
2891	0.01		MH	NONE								21107
2897	0.01		WL	NONE					5			
2897	0.01		GO	NONE								STMH LOC: MH AT HERBERT AV
2976	1.60		CCJ	PIPE		10	1				1.0	
2984	1.80		MC	NONE								PVC TO VC
3003	2.70		WL	NONE					10			
3060	7.80		FCJ	PIPE		10	1				8.0	
3077	8.50		CCJ	PIPE		9	1				1.0	
3094	10.20		WL	NONE					10			
3103	10.20		FCJ	PIPE		11	1				8.0	
3103	10.20		FL	PIPE		10					15.0	
3103	10.30		FL	PIPE		3					15.0	
3103	10.30		FL	PIPE		2					15.0	WANDERS
3103	10.30		FL	PIPE		6					15.0	
3103	10.30		DV	PIPE					5		10.0	
3120	11.50		ELJ	NONE		9	10				1.0	
3134	12.50		JN	NONE	150	1						CAPPED
3155	13.20		JN	NONE	150	10						CAPPED
3194	15.00		OB	NONE					15		10.0	STICK WEDGED IN PIPE
3204	15.70		WL	NONE					5			
3221	17.80		EL	NONE		1	5				1.0	
3225	17.80		EL	NONE		7	11				1.0	
3235	18.80		WL	NONE					10			
3244	19.40		JN	NONE	150	2						LIVE
3272	20.10		JN	NONE	150	10						CAPPED
3314	21.30		CCJ	PIPE		1	4				1.0	
3337	22.30		FCJ	PIPE		9	12				8.0	
3360	25.60		ELJ	NONE		2	5				1.0	
3376	27.20		JN	NONE	150	2						CAPPED
3397	28.00		CCJ	PIPE		10	1				1.0	
3406	28.00		JN	NONE	150	10						CAPPED
3435	28.70		CCJ	PIPE		9	11				1.0	
3456	30.20		ELJ	NONE		7	12				1.0	
3484	33.70		CCJ	PIPE		1	4				1.0	
3496	33.80		JN	NONE	150	1						CAPPED
3516	34.50		FCJ	PIPE		10	3				8.0	
3531	34.50		JN	NONE	150	10						CAPPED
3551	35.10		JN	NONE	300	10						
3574	35.70		FLJ	PIPE		1					15.0	
3583	36.20		JN	NONE	300	1						
3587	36.20		FL	PIPE		6					15.0	
3618	37.50		EL	NONE		7	10				1.0	
3626	37.60		EL	NONE		2	5				1.0	
3670	38.40		GO	NONE								FHMH LOC: 1ST LN N OF HERBERT AV
3670	38.40		MH	NONE								21108
3677	38.41		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	132084	Work Status:	COMPLETED
Entity ID:	24910	Contractor Name:	UJ-MIKE/BILL
GIS Table ID:	28	Contractor Job No:	202-2005
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA50006892	Completed Date:	2/2/2005
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	98.3
Added By:	ETOUPIN	Asset Quantity:	98.0
Added Date:	4/6/2005 8:58:32 AM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1956	Work Quantity:	98.3
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	129	Est. Program Cost:	<Null>
Program Name:	2005 Public Works Associated Rehab	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	ELIZABETH RD		
Location Details:	1ST MH W - 2ND MH W OF DEBOURMONT AV		
Comments:	CD #202-01, HARD DEBRIS AT START OF RUN		
Import No:	5532	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	24910	Width (mm):	<Null>
Start Manhole No:	24911	Material:	CO-CONCRETE
Start Manhole Depth:	2.94	Lining:	<Null>
End Manhole No:	24912	Pipe Length (m):	0.7
End Manhole Depth:	3.34	Total Length (m):	98.0
Insp. Time:	0831	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	20201	Asset SPG:	1
Structural Peak:	242.5	Asset SPG By:	SYSTEM
Structural Total:	490.5	Asset SPG Date:	1/1/1956
Structural Mean:	5.0	SPG Review By:	<Null>
Structural Grade:	5	SPG Review Date:	<Null>
Service Peak:	4.0	Rehab. Review By:	<Null>
Service Total:	51.2	Rehab. Review Date:	<Null>
Service Mean:	0.5		
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0000	0.00		ST	NONE								MH #24911
	0.10		WL	NONE					5			
	0.40	97.40	SSS	PIPE		7	5				48.5	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	0.40		DE	NONE					10		2.0	HARD DE
	1.80		WL	NONE					10			
	1.80		CXI	NONE	150	1				30		FRACTUREINADJACENTSEWER
	1.80		FC	PIPE		12	5				8.0	
	1.90		ELJ	NONE		5					1.0	
	2.70		WL	NONE					5			
	3.70		EL	NONE		7	8				1.0	
	4.40		EL	NONE		1					1.0	
	9.00		DEG	NONE		5			0		1.0	
	11.00		EL	NONE		10					1.0	
	12.50		EL	NONE		5					1.0	
	25.80		JN	NONE	150	10						LIVE
	27.10		DEG	NONE		4			0		1.0	
	27.10		DEG	NONE		8			0		1.0	
	28.20	39.20	DEG	NONE		4			0		11.0	Finish ContDef Comments: DEFECTWANDERS, Finish ContDef Clock At: 03, Finish ContDef Intrusion: 05, Start ContDef Comments: NONE
	30.20		DEG	NONE		8			0		1.0	
	31.70		CN	NONE	150	10						LIVE
	32.00	39.20	DEG	NONE		8			0		7.2	Finish ContDef Comments: DEFECTWANDERS, Finish ContDef Clock At: 09, Finish ContDef Intrusion: 00, Start ContDef Comments: NONE
	37.70		FL	PIPE		12					15.0	
	38.00		FL	PIPE		1					15.0	
	38.20		FC	PIPE		4	5				8.0	
	38.40		CXI	NONE	150	2				50		LIVEFRACTUREINADJ.SEWER
	38.40		GO	NONE								POSSIBLEHORFRACTUREINCXI
	38.40		GO	NONE								ASFLOWCOMINGFROMBEHIND
	38.40		GO	NONE								CXIFACE
	38.60		FC	PIPE		4	5				8.0	
	43.50		WL	NONE					10			
	44.20		WL	NONE					5			
	46.00		WL	NONE					10			
	46.50		EMJ	NONE		8	4	5			2.0	
	47.80		WL	NONE					5			
	50.40		ELJ	NONE		10	4				1.0	
	51.10		ELJ	NONE		1	5				1.0	
	51.10		SSMJ	PIPE		10					1.0	CHIP@JOINT
	53.10		CNI	NONE	150	10				40		
	58.90		ELJ	NONE		5					1.0	
	59.40		CL	PIPE		4					2.0	
	67.00		CNI	NONE	150	10				20		
	67.80		EL	NONE		7	9				1.0	
	67.80		JN	NONE	150	10						CAPPED
	68.30		ELJ	NONE		5					1.0	
	69.90		EMJ	NONE		7	4	5			2.0	
	77.60		ELJ	NONE		12	5				1.0	
	79.00		CX	NONE	150	10						FRACURE&HINADJ.SEWER
	79.00		FC	PIPE		6	8				8.0	
	79.10		B	PIPE		10					60.0	
	79.10		H	PIPE		9					60.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
	82.60		JN	NONE	150	9					
	83.90		ELJ	NONE		7	5			1.0	
	85.50		ELJ	NONE		8	11			1.0	
	91.30		JN	NONE	150	3					CAPPED
	92.80		CNI	NONE	150	2			30		
	92.80		EM	NONE		3	5	5		2.0	
	93.30		DEG	NONE		3		0		1.0	
	93.30		DEG	NONE		9		0		1.0	
	94.20		DEG	NONE		3		0		1.0	
	94.20		DEG	NONE		9		0		1.0	
	94.80		DEG	NONE		9		0		1.0	
	94.80		DEG	NONE		3		0		1.0	
	95.10		FC	PIPE		3	5			8.0	
	95.10		EL	NONE		8	11			1.0	
	95.30		H	PIPE		5				60.0	
	95.30		FL	PIPE		8				15.0	ENDS@07
	95.50		B	PIPE		5				60.0	
	95.70		DEG	NONE		4		0		1.0	
	95.70		H	PIPE		6	7			60.0	
	95.70		FL	PIPE		8				15.0	ENDS@11
	95.80		FC	PIPE		1	6			8.0	
	95.80		CC	PIPE		3	4			1.0	
	95.90		FL	PIPE		7				15.0	ENDS@09
	96.20		FL	PIPE		3				15.0	
	98.30		MH	NONE							MH #24912
0163	98.31		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	128955	Work Status:	COMPLETED
Entity ID:	21770	Contractor Name:	UJ-MEL/ERIN
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60006153	Completed Date:	10/18/2004
Work Type ID:	8	Survey Direction:	UPSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	40.2
Added By:	DMAGES	Asset Quantity:	42.2
Added Date:	11/5/2004 9:43:56 AM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1860	Work Quantity:	40.2
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	106	Est. Program Cost:	<Null>
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	GRANT AVE		
Location Details:	MH@BOREBANKSTTO1STNODEWOFBOREBANKST		
Comments:	MCTOCO@1.6MM, CD #106-558		
Import No:	5330	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	21770	Width (mm):	<Null>
Start Manhole No:	21772	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	3.19	Lining:	<Null>
End Manhole No:	21771	Pipe Length (m):	0.8
End Manhole Depth:	<Null>	Total Length (m):	<Null>
Insp. Time:	1419	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6140		
Structural Peak:	29.0	Asset SPG:	4
Structural Total:	50.0	Asset SPG By:	ETOUPIN
Structural Mean:	1.2	Asset SPG Date:	4/19/2004
Structural Grade:	2	SPG Review By:	DMAGES
Service Peak:	3.0	SPG Review Date:	11/5/2004 1:34:17 PM
Service Total:	21.0	Rehab. Review By:	<Null>
Service Mean:	0.5	Rehab. Review Date:	<Null>
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0380	0.00		ST	NONE								MH 21772
	0.10		WL	NONE					10			
	0.50		CL	PIPE		8					2.0	
	0.60		LU	NONE								
	0.70		FC	PIPE		6	10				8.0	
	0.80		WL	NONE					5			
	0.80		FL	PIPE		12					15.0	
	0.80		CL	PIPE		10					2.0	
	0.80		CL	PIPE		12					2.0	ENDS @ 10
	1.60		FCJ	PIPE		10	3				8.0	
	1.60		SSMJ	PIPE		3					1.0	
	1.60		MC	NONE								TO CO
	1.80		CL	PIPE		12					2.0	
	6.00		DE	NONE					0		1.0	
	12.10		ELJ	NONE		7	8				1.0	
	13.70		ELJ	NONE		8					1.0	
	15.20		ELJ	NONE		8					1.0	
	15.20		ELJ	NONE		4	5				1.0	
	16.10		ELJ	NONE		8					1.0	
	16.10		ELJ	NONE		11					1.0	
	16.80		ELJ	NONE		8	10				1.0	
	18.30		ELJ	NONE		8	11				1.0	
	19.10		ELJ	NONE		8	9				1.0	
	21.50		CLJ	PIPE		10					2.0	
	22.20		ELJ	NONE		3	4				1.0	
	22.30		CL	PIPE		1					2.0	
	23.10		ELJ	NONE		1	4				1.0	
	23.80		ELJ	NONE		6					1.0	
	25.20		GO	NONE								REPAIR FROM 10 TO 05
	25.40		CNI	NONE	150	3				100		
	26.20		ELJ	NONE		9					1.0	
	28.40		ELJ	NONE		3					1.0	
	31.60		SSMJ	PIPE		7					1.0	
	32.40		ELJ	NONE		3	4				1.0	
	33.10		ELJ	NONE		9	10				1.0	
	33.90		ELJ	NONE		2	3				1.0	
	35.40		CLJ	PIPE		12					2.0	
	35.40		CCJ	PIPE		11	3				1.0	
	36.10		JN	NONE	250	9						
	37.80		CL	PIPE		2					2.0	
	38.20		JN	NONE	250	3						
	39.30		DEJ	NONE					0		1.0	
	39.90		DE	NONE					15		2.0	
	40.20		SA	NONE								LINE CLOSED OFF
0460	40.21		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	128689	Work Status:	COMPLETED
Entity ID:	23268	Contractor Name:	RA/JEPO
GIS Table ID:	28	Contractor Job No:	503-2003
Asset Type:	SEWER	CWMS Work Order:	107
Asset Number:	S-MA20012474	Completed Date:	10/2/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	46.8
Added By:	RTOUPIN	Asset Quantity:	46.8
Added Date:	10/27/2004 9:20:55 AM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1860	Work Quantity:	46.8
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	107	Est. Program Cost:	<Null>
Program Name:	Sewer C & I - Clifton	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	KEEWATIN ST ECL		
Location Details:	1ST MH N LOGAN AVE TO 2ND MH N LOGAN AVE		
Comments:	STEEL TAPE SHOULD READ 46.80M CD #193		
Import No:	5313	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	23268	Width (mm):	<Null>
Start Manhole No:	23269	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	2.52	Lining:	<Null>
End Manhole No:	23270	Pipe Length (m):	0.8
End Manhole Depth:	2.72	Total Length (m):	46.8
Insp. Time:	1320	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J7070		
Structural Peak:	161.0	Asset SPG:	5
Structural Total:	213.0	Asset SPG By:	RTOUPIN
Structural Mean:	4.6	Asset SPG Date:	11/1/2004 11:22:21 AM
Structural Grade:	5	SPG Review By:	RTOUPIN
Service Peak:	2.0	SPG Review Date:	11/1/2004 11:22:21 AM
Service Total:	11.0	Rehab. Review By:	<Null>
Service Mean:	0.2	Rehab. Review Date:	<Null>
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0041	0.00		ST	NONE								MH 23569
	0.10		WL	NONE					5			
	0.20		CC	PIPE		8	4				1.0	
	0.20		DEG	NONE					5		1.0	
	0.20		CL	PIPE		3					2.0	
	1.20		ELJ	NONE		9	2				1.0	
	1.20		CCJ	PIPE		11	1				1.0	
	2.60		FC	PIPE		6	6				8.0	
	2.60		D	PIPE					5		10.0	HARD
	2.70		H	PIPE		5					60.0	
	2.70		BJ	PIPE		3	9				60.0	
	2.90		FL	PIPE		6					15.0	
	2.90		FC	PIPE		9	6				8.0	
	3.30		CC	PIPE		12	3				1.0	
	3.60		ELJ	NONE		10	12				1.0	
	4.00		CNI	NONE	150	12				50		LIVE
	4.00		EM	NONE		11	12	10			2.0	
	4.20		CLJ	PIPE		3					2.0	
	5.20		CCJ	PIPE		1					1.0	
	6.60		ELJ	NONE		8	10				1.0	
	7.50		ELJ	NONE		8	2				1.0	
	8.30		CL	PIPE		12					2.0	
	10.60		SSSJ	PIPE		6					0.0	
	17.80		FL	PIPE		1					15.0	ENDED AT 12
	17.80		CCJ	PIPE		9	1				1.0	
	17.80		CL	PIPE		2					2.0	
	18.60		FLJ	PIPE		6					15.0	
	20.10		DEG	NONE					5		1.0	
	20.40		CC	PIPE		5	6				1.0	
	21.00		CN	NONE	100	11						
	21.70		EL	NONE		3	4				1.0	
	21.80		JN	NONE	150	2						LIVE
	28.30		JN	NONE	200	11						
	29.60		ELJ	NONE		8	11				1.0	
	34.50		JN	NONE	150	2						
	38.00		LR	NONE								
	38.40		JN	NONE	150	2						CAPPED
	41.40		DES	NONE					5		1.0	
	45.90		FCJ	PIPE		6	7				8.0	
	46.80		MH	NONE								23270
0201	46.81		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	118343	Work Status:	COMPLETED
Entity ID:	21151	Contractor Name:	CAMBRIAN VAC
GIS Table ID:	28	Contractor Job No:	504-2003
Asset Type:	SEWER	CWMS Work Order:	18343
Asset Number:	S-MA70035667	Completed Date:	11/9/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	97.6
Added By:	SYSTEM	Asset Quantity:	97.6
Added Date:	9/24/2003 8:33:15 AM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1942	Work Quantity:	97.6
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	105	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i - Contract 1 - Doncaster	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	KENASTON BV		
Location Details:	2ND MH S OF TAYLOR AV TO 1ST MH S OF TAYLOR AV		
Comments:	VHS TAPE		
Import No:	5424	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	450
Insp. Asset No:	21151	Width (mm):	<Null>
Start Manhole No:	21150	Material:	CO-CONCRETE
Start Manhole Depth:	3.28	Lining:	<Null>
End Manhole No:	21152	Pipe Length (m):	0.8
End Manhole Depth:	3.62	Total Length (m):	97.6
Insp. Time:	1251	Purpose:	C-RENEWAL ASSESSMENT
Flow Type:	C-COMBINED	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	A-URBAN MAIN ROAD
Tape/CD No:	J5018		
Structural Peak:	60.0	Asset SPG:	4
Structural Total:	66.0	Asset SPG By:	NCLINCH
Structural Mean:	0.7	Asset SPG Date:	12/10/2004 8:45:44 AM
Structural Grade:	3	SPG Review By:	NCLINCH
Service Peak:	1.0	SPG Review Date:	12/10/2004 8:45:44 AM
Service Total:	2.0	Rehab. Review By:	<Null>
Service Mean:	0.0	Rehab. Review Date:	<Null>
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
1638	0.00		ST	NONE							DOWNSTREAM (WITH FLOW)
1645	0.01		MH	NONE							21150
1651	0.01		WL	NONE				5			
1651	0.01		GO	NONE							STMH LOC: 2ND MH S OF TAYLOR AV
1723	3.10		CNI	NONE	200	10			30		
1779	5.30		JN	NONE	150	2					CAPPED
1811	6.00		JN	NONE	150	2					CAPPED
1869	9.40		BJ	PIPE		10	2			60.0	
1876	9.80		CN	NONE	100	10					LIVE
1994	19.00		WL	NONE				10			
2003	19.70		JN	NONE	375	3					LIVE
2033	20.30		JDL	PIPE						2.0	
2101	21.30		WL	NONE				5			
2101	21.30		JN	NONE	150	2					CAPPED
2195	25.90		CNI	NONE	200	9			30		LIVE
2330	36.60		JN	NONE	150	2					CAPPED
2455	48.20		EL	NONE		7	9			1.0	
2455	48.20		CNI	NONE	150	10			20		
2506	49.10		JN	NONE	150	10					CAPPED
2568	52.00		JN	NONE	150	2					CAPPED
2730	67.40		CNI	NONE	150	2			50		
2790	71.20		CNI	NONE	150	11			30		LIVE
2831	72.10		JN	NONE	150	10					CAPPED
2879	72.40		GO	NONE							SILT CLEARED BY FLUSHER
2983	82.60		JN	NONE	150	2					CAPPED
3048	87.30		BR	NONE	150	10					
3085	88.10		JN	NONE	150	2					
3158	93.50		CN	NONE	150	2					LIVE
3175	94.00		CLJ	PIPE		11				2.0	
3198	94.30		EL	NONE		7	10			1.0	
3203	94.30		JN	NONE	150	10					
3232	95.40		CLJ	PIPE		5				2.0	
3249	96.30		DC	NONE	600						
3323	97.60		GO	NONE							FHMH LOC: 1ST MH S OF TAYLOR AV
3323	97.60		MH	NONE							21152
3331	97.61		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	125011	Work Status:	COMPLETED
Entity ID:	22685	Contractor Name:	UJ-RICH/BILL
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60006710	Completed Date:	8/3/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	21.5
Added By:	DCANN	Asset Quantity:	87.3
Added Date:	8/21/2004 11:04:46 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1923	Work Quantity:	21.5
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	106	Est. Program Cost:	<Null>
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	KENASTON BV		
Location Details:	IST MH N OF ACADEMY RD-MH @ ACADEMY RD		
Comments:	21.5 EH @ CNI, REV REQ, CD# 106-396		
Import No:	5127	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	22685	Width (mm):	<Null>
Start Manhole No:	22684	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	5.05	Lining:	<Null>
End Manhole No:	573	Pipe Length (m):	0.8
End Manhole Depth:	6.40	Total Length (m):	87.3
Insp. Time:	0102	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	B-SUBURBAN/RURAL ROAD
Tape/CD No:	J6112		
Structural Peak:	78.0	Asset SPG:	4
Structural Total:	115.0	Asset SPG By:	DMAGES
Structural Mean:	5.3	Asset SPG Date:	8/31/2004 11:04:07 AM
Structural Grade:	3	SPG Review By:	DMAGES
Service Peak:	15.0	SPG Review Date:	8/31/2004 11:02:28 AM
Service Total:	17.0	Rehab. Review By:	<Null>
Service Mean:	0.8	Rehab. Review Date:	<Null>
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0091	0.00		ST	NONE								MH 22684
	0.10		WL	NONE					5			
	0.70		FC	PIPE		6	6				8.0	
	0.70		EL	NONE		7	5				1.0	
	1.30		CLJ	PIPE		4					2.0	
	2.10		JN	NONE	150	11						CAPPED
	2.70		CL	PIPE		2					2.0	
	3.40		ELJ	NONE		5					1.0	
	5.70		LL	NONE								
	8.00		SSMJ	PIPE		11					1.0	CHIP @ JOINT
	14.40		JN	NONE	150	2						
	16.50		SSMJ	PIPE		11					1.0	CHIP @ JOINT
	17.20		D	PIPE				5			10.0	
	18.00		D	PIPE				5			10.0	
	19.60		CCJ	PIPE		2	3				1.0	
	20.80		CL	PIPE		12					2.0	
	21.00		CL	PIPE		3					2.0	
	21.10		FL	PIPE		6					15.0	
	21.10		FL	PIPE		9					15.0	ENDS @ 10
	21.10		FL	PIPE		4					15.0	ENDS @ 12
	21.10		FL	PIPE		11					15.0	ENDS @ 12
	21.50		FC	PIPE		12	11				8.0	
	21.50		FC	PIPE		8	9				8.0	
	21.50		CNI	NONE	150	11				60		
	21.50		EH	NONE		6	12	25			5.0	FROM CNI
	21.50		SA	NONE								EH
	21.50		OB	NONE				10			10.0	PIECES OF PIPE
0140	21.51		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	118864	Work Status:	COMPLETED
Entity ID:	22685	Contractor Name:	UJ-RICH/BILL
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60006710	Completed Date:	8/3/2004
Work Type ID:	8	Survey Direction:	UPSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	65.7
Added By:	SYSTEM	Asset Quantity:	87.3
Added Date:	9/30/2003 5:59:13 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1923	Work Quantity:	65.7
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	KENASTON BV		
Location Details:	MH@ ACADEMY RD-1ST MH N OF ACADEMY RD		
Comments:	REVERSAL 65.7 FULL VIDEO, CD# 106-396		
Import No:	5127	Shape:	C-CIRCULAR
Current Flag:	N	Height (mm):	300
Insp. Asset No:	22685	Width (mm):	<Null>
Start Manhole No:	573	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	6.40	Lining:	<Null>
End Manhole No:	22684	Pipe Length (m):	0.8
End Manhole Depth:	5.05	Total Length (m):	87.3
Insp. Time:	0142	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	B-SUBURBAN/RURAL ROAD
Tape/CD No:	J6112		
Structural Peak:	55.0	Asset SPG:	4
Structural Total:	100.0	Asset SPG By:	DMAGES
Structural Mean:	1.5	Asset SPG Date:	8/31/2004 11:04:07 AM
Structural Grade:	3	SPG Review By:	<Null>
Service Peak:	5.0	SPG Review Date:	<Null>
Service Total:	19.0	Rehab. Review By:	<Null>
Service Mean:	0.3	Rehab. Review Date:	<Null>
Service Grade:	2		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0140	0.00		ST	NONE								MH 573
	0.10		WL	NONE					5			
	3.40		JDM	PIPE							0.5	
	10.40		ELJ	NONE			2				1.0	
	11.70		JN	NONE	150		11					
	13.40		CL	PIPE			11				2.0	
	14.10		FL	PIPE			6				15.0	
	14.20		FM	PIPE			6	6			40.0	
	14.80		JN	NONE	150		2					
	14.80		EM	NONE			2	4	10		2.0	
	15.00		FM	PIPE			6	6			40.0	
	16.80		DE	NONE					5		1.0	PIECE OF STEEL
	27.00		JN	NONE	150		11					
	28.90		ELJ	NONE			4				1.0	
	30.10		JN	NONE	150		2					CAPPED
	31.10		EMJ	NONE			7	5	10		2.0	
	35.00		ELJ	NONE			5				1.0	
	35.80		WL	NONE					10			
	35.80		CL	PIPE			11				2.0	
	37.00		WL	NONE					5			
	41.70		JN	NONE	150		10					LIVE
	44.80		JN	NONE	150		2					CAPPED
	47.40		DE	NONE					5		1.0	PIECE OF STEEL
	49.70		ELJ	NONE			7	8			1.0	
	50.50		LL	NONE								
	51.20		JDM	PIPE							0.5	
	55.10		ELJ	NONE			4	5			1.0	
	55.70		RF	NONE							1.0	
	55.90		ELJ	NONE			4	5			1.0	
	57.20		JN	NONE	150		11					LIVE
	60.20		JN	NONE	150		2					CAPPED
	60.50		LR	NONE								
	62.80		LL	NONE								
	62.80		DE	NONE					5		1.0	PIECE OF STEEL
	65.70		EH	NONE			12	6	25		5.0	FROM CNI
	65.70		SA	NONE								EH
0253	65.71		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	132090	Work Status:	COMPLETED
Entity ID:	56412	Contractor Name:	UJ-MIKE/BILL
GIS Table ID:	28	Contractor Job No:	202-2005
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA60015653	Completed Date:	2/3/2005
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	102.5
Added By:	ETOUPIN	Asset Quantity:	116.9
Added Date:	4/6/2005 8:59:24 AM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1860	Work Quantity:	102.5
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	129	Est. Program Cost:	<Null>
Program Name:	2005 Public Works Associated Rehab	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	KINGS DR		
Location Details:	MH @ TOWNSEND AV - MH @ PASADENA AV		
Comments:	CD #202-08, CAMERA FLIPPED ON EH, REVERSALREQUIRED		
Import No:	5533	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	200
Insp. Asset No:	56412	Width (mm):	<Null>
Start Manhole No:	92229	Material:	CO-CONCRETE
Start Manhole Depth:	3.17	Lining:	<Null>
End Manhole No:	92228	Pipe Length (m):	1.5
End Manhole Depth:	3.30	Total Length (m):	116.9
Insp. Time:	1337	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	20202		
Structural Peak:	161.5	Asset SPG:	1
Structural Total:	422.1	Asset SPG By:	SYSTEM
Structural Mean:	4.1	Asset SPG Date:	1/1/1860
Structural Grade:	5	SPG Review By:	<Null>
Service Peak:	13.0	SPG Review Date:	<Null>
Service Total:	90.0	Rehab. Review By:	<Null>
Service Mean:	0.9	Rehab. Review Date:	<Null>
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
1303	0.00		ST	NONE								MH #92229
	0.10		WL	NONE					5			
	0.30	102.50	SSS	PIPE		7	5				51.1	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	0.50		ELJ	NONE		4	5				1.0	
	0.50		ELJ	NONE		7	8				1.0	
	4.00		ELJ	NONE		7	3				1.0	
	8.60		ELJ	NONE		2	5				1.0	
	13.30		EMJ	NONE		1	5	5			2.0	
	14.80		ELJ	NONE		7	9				1.0	
	16.40		EMJ	NONE		7	5	5			2.0	
	16.60		CX	NONE	150	9						LIVE,CRACKED
	21.10		EHJ	NONE		7	5	30			5.0	
	22.00		EMJ	NONE		12	6	5			2.0	
	26.60		EM	NONE		7	8	5			2.0	
	32.80		EM	NONE		7	11	5			2.0	
	34.40		EMJ	NONE		7	5	20			2.0	
	35.80		EL	NONE		8	9				1.0	
	37.40		OB	NONE				5			10.0	GASKETHANGING
	37.50		EL	NONE		8	9				1.0	
	37.70		EL	NONE		7	8				1.0	
	37.70		CXI	NONE	150	9				10		FRACTUREINADJ.SEWER
	37.70		FC	PIPE		11	12				8.0	
	37.70		EL	NONE		12	5				1.0	
	40.40		EMJ	NONE		4	6	5			2.0	
	41.60		CN	NONE	150	10						EHINCN
	41.70		CC	PIPE		7	2				1.0	
	41.80		H	PIPE		5					60.0	
	41.80		H	PIPE		7					60.0	
	41.80		SSL	PIPE		3	5				20.0	
	41.80		SSL	PIPE		7	8				15.0	
	41.80		SSM	PIPE		8	3				5.0	
	42.00		EL	NONE		7	11				1.0	
	43.10		CC	PIPE		7	12				1.0	
	43.20		SSL	PIPE		5					15.0	
	43.20		SSL	PIPE		7					15.0	
	43.20		CC	PIPE		8	5				1.0	
	44.50		CC	PIPE		12	1				1.0	
	44.60		CC	PIPE		11	1				1.0	
	44.70		SSL	PIPE		5					15.0	
	44.70		SSL	PIPE		7	10				30.0	
	45.10		CC	PIPE		12	1				1.0	
	45.10		ELJ	NONE		4	5				1.0	
	46.60		EHJ	NONE		7	5	25			5.0	
	49.10		WL	NONE				10				
	49.60		EMJ	NONE		7	5	15			2.0	
	50.60		EL	NONE		4	5				1.0	
	50.80		EL	NONE		8	11				1.0	
	50.80		CN	NONE	150	2						LIVE
	50.90		WL	NONE				5				
	51.40		ELJ	NONE		11	1				1.0	
	54.40		DE	NONE				5			1.0	
	54.40		EL	NONE		11					1.0	
	55.90		EMJ	NONE		1	6	5			2.0	
	62.20		DEG	NONE		11	1	0			1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	63.70		EL	NONE		12	3				1.0	
	65.20		EMJ	NONE		7	3		10		2.0	
	66.60		RM	NONE					20		2.0	
	66.70		H	PIPE		2					60.0	
	66.70		SSM	PIPE		7	10				2.0	
	66.70		CX	NONE	150	1						HINADJ.SEWER.LIVE
	66.70		H	PIPE		12					60.0	
	67.10		EL	NONE		8	10				1.0	
	67.10		GO	NONE								LIFTHOLD@11
	68.30		ELJ	NONE		7	12				1.0	
	68.80		WL	NONE					10			
	69.80		ELJ	NONE		7	11				1.0	
	70.60		WL	NONE					20			
	71.60		EM	NONE		7	10		15		2.0	
	72.20		WL	NONE					15			
	72.90		WL	NONE					10			
	74.30		WL	NONE					5			
	74.30		EMJ	NONE		7	12		10		2.0	
	77.40		ELJ	NONE		2	5				1.0	
	78.00		EL	NONE		7	11				1.0	
	78.10		CN	NONE	150	9						
	79.20		WL	NONE					10			
	84.20		WL	NONE					5			
	85.10		EMJ	NONE		12	4		5		2.0	
	86.60		EMJ	NONE		7	4		15		2.0	
	88.40		DEG	NONE		4	12		5		1.0	
	88.50		CN	NONE	150	2						
	91.20		ELJ	NONE		7					1.0	
	92.80		EHJ	NONE		7	6		25		5.0	
	94.30		ELJ	NONE		1	5				1.0	
	95.90		EMJ	NONE		1	5		5		2.0	
	97.40		ELJ	NONE		7					1.0	
	99.00		ELJ	NONE		7	8				1.0	
	102.10		EHJ	NONE		7	5		50		5.0	
	102.50		SA	NONE								EHJ
1520	102.51		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	132089	Work Status:	COMPLETED
Entity ID:	56412	Contractor Name:	UJ-MIKE/BILL
GIS Table ID:	28	Contractor Job No:	202-2005
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA60015653	Completed Date:	2/3/2005
Work Type ID:	8	Survey Direction:	UPSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	13.9
Added By:	ETOUPIN	Asset Quantity:	116.9
Added Date:	4/6/2005 8:59:24 AM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1860	Work Quantity:	13.9
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	129	Est. Program Cost:	<Null>
Program Name:	2005 Public Works Associated Rehab	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	KINGS DR		
Location Details:	MH @! PASADENA AV - MH @ TOWNSEND AV		
Comments:	CD #202-08, FULL VIDEO		
Import No:	5533	Shape:	C-CIRCULAR
Current Flag:	N	Height (mm):	200
Insp. Asset No:	56412	Width (mm):	<Null>
Start Manhole No:	92228	Material:	CO-CONCRETE
Start Manhole Depth:	3.30	Lining:	<Null>
End Manhole No:	92229	Pipe Length (m):	1.5
End Manhole Depth:	3.17	Total Length (m):	116.9
Insp. Time:	1422	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	20202		
Structural Peak:	8.4	Asset SPG:	1
Structural Total:	14.8	Asset SPG By:	SYSTEM
Structural Mean:	1.1	Asset SPG Date:	1/1/1860
Structural Grade:	2	SPG Review By:	<Null>
Service Peak:	5.0	SPG Review Date:	<Null>
Service Total:	9.0	Rehab. Review By:	<Null>
Service Mean:	0.6	Rehab. Review Date:	<Null>
Service Grade:	2		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
1520	0.00		ST	NONE							MH #92228
	0.10		WL	NONE				5			
	0.20	13.70	SSS	PIPE		7	5			6.8	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	0.30		FC	PIPE		6	6			8.0	
	3.10		EMJ	NONE		7	5	10		2.0	
	9.20		ELJ	NONE		7	12			1.0	
	12.20		ELJ	NONE		3	5			1.0	
	13.90		SA	NONE							EHJ
	13.90		EHJ	NONE		7	5	50		5.0	
1550	13.91		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	125314	Work Status:	COMPLETED
Entity ID:	22	Contractor Name:	UJ-RICH/LISA
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60006779	Completed Date:	8/18/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	80.4
Added By:	DMAGES	Asset Quantity:	95.4
Added Date:	9/2/2004 1:43:32 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1923	Work Quantity:	80.4
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	106	Est. Program Cost:	<Null>
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	LANARK ST		
Location Details:	4TH MH N OF KINGSWAY-MH @ ACADEMY RD		
Comments:	80.4 EH @ J REVERSAL REQUIRED		
Import No:	5171	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	450
Insp. Asset No:	22	Width (mm):	<Null>
Start Manhole No:	578	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	5.33	Lining:	<Null>
End Manhole No:	579	Pipe Length (m):	0.8
End Manhole Depth:	6.75	Total Length (m):	95.4
Insp. Time:	1033	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6122	Asset SPG:	4
Structural Peak:	154.0	Asset SPG By:	DMAGES
Structural Total:	533.8	Asset SPG Date:	10/4/2004 11:00:03 AM
Structural Mean:	6.6	SPG Review By:	DMAGES
Structural Grade:	5	SPG Review Date:	10/4/2004 11:00:03 AM
Service Peak:	5.8	Rehab. Review By:	<Null>
Service Total:	208.6	Rehab. Review Date:	<Null>
Service Mean:	2.6		
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
1245	0.00		ST	NONE							MH 578
	0.01		WL	NONE				5			
	0.10		FM	PIPE		6	6			40.0	
	0.10	80.40	EL	NONE		4	5			80.3	Finish ContDef Comments: NONE, Finish ContDef Clock At: 04, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	0.10	80.40	EL	NONE		7	8			80.3	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Finish ContDef Clock To: 08, Start ContDef Comments: NONE
	1.10		FM	PIPE		6	6			40.0	
	2.00	13.20	CL	PIPE		9				22.4	Finish ContDef Comments: NONE, Finish ContDef Clock At: 09, Start ContDef Comments: NONE
	2.00	5.50	CL	PIPE		12				7.0	Finish ContDef Comments: NONE, Finish ContDef Clock At: 12, Start ContDef Comments: NONE
	2.00		DJ	PIPE				5		10.0	VERTICLE
	2.00		FL	PIPE		2				15.0	
	2.00	13.20	CL	PIPE		3				22.4	Finish ContDef Comments: NONE, Finish ContDef Clock At: 03, Start ContDef Comments: NONE
	2.00		B	PIPE		8	9			60.0	
	2.00		B	PIPE		3	4			60.0	
	2.20		CC	PIPE		2	5			1.0	
	2.50		CCJ	PIPE		7	8			1.0	
	2.50		CCJ	PIPE		10	2			1.0	
	3.00		EL	NONE		3	4			1.0	
	3.20		EL	NONE		1	2			1.0	
	3.20		FL	PIPE		2				15.0	
	4.00		SSMJ	PIPE		8	9			1.0	CHIPPED
	4.20		FL	PIPE		2				15.0	
	5.50		CCJ	PIPE		3	5			1.0	
	5.60		CC	PIPE		7	9			1.0	
	5.60		CC	PIPE		7	12			1.0	
	6.50		SSM	PIPE		9	10			1.0	
	9.60		CNI	NONE	150	1			75		
	11.10		EL	NONE		2	5			1.0	
	11.20		JN	NONE	150	2					LIVE
	11.60		CL	PIPE		12				2.0	
	13.20		FL	PIPE		3				15.0	
	13.20		FL	PIPE		9				15.0	
	13.60		EL	NONE		8	9			1.0	
	13.90		ELJ	NONE		7	5			1.0	
	14.00		LL	NONE							
	17.10		SSM	PIPE		12	1			1.0	CHIPPED
	17.70		ELJ	NONE		12	1			1.0	
	20.00		ELJ	NONE		3	5			1.0	
	20.00		SSMJ	PIPE		8	9			1.0	CHIPPED
	22.00		WL	NONE				10			
	22.30		ELJ	NONE		12	5			1.0	
	22.50		EL	NONE		2	5			1.0	
	22.50		JN	NONE	150	2					
	23.80		SSMJ	PIPE		12	1			1.0	CHIPPED
	24.50		ELJ	NONE		7	9			1.0	
	25.30		ELJ	NONE		4	5			1.0	
	25.60		JN	NONE	150	10					
	26.10		ELJ	NONE		2	5			1.0	
	28.50		ELJ	NONE		3	5			1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	30.00		WL	NONE					5			
	31.80		EL	NONE		2	5				1.0	
	31.80		JN	NONE	150	2						
	32.30		ELJ	NONE		1	2				1.0	
	33.00		LL	NONE								
	34.00		EL	NONE		7	10				1.0	
	34.00		CNI	NONE	150	10				25		LIVE
	35.80		WL	NONE					10			
	38.30		WL	NONE					5			
	39.10		LR	NONE								
	39.30		EM	NONE		2	5	5			2.0	
	39.40		JN	NONE	150	2						
	40.10		EM	NONE		7	10	5			2.0	
	40.10		JN	NONE	150	10						
	40.70		FCJ	PIPE		3	5				8.0	
	40.70		FCJ	PIPE		1	3				8.0	
	40.80		CL	PIPE		1					2.0	
	41.40		CL	PIPE		2					2.0	
	41.40		CL	PIPE		8					2.0	
	41.50		CC	PIPE		7	9				1.0	
	42.20		CL	PIPE		1					2.0	
	42.20		CL	PIPE		2					2.0	
	42.20		CL	PIPE		7					2.0	
	43.00		FL	PIPE		3					15.0	
	43.00		FL	PIPE		7					15.0	
	43.10		CC	PIPE		1	3				1.0	
	43.10		EL	NONE		2	5				1.0	
	43.20		CC	PIPE		8	11				1.0	
	43.80		FCJ	PIPE		1	2				8.0	
	43.80		FL	PIPE		2					15.0	
	43.80		EL	NONE		7					1.0	
	44.10		FL	PIPE		3					15.0	
	44.10		JN	NONE	150	2						
	44.10		EL	NONE		2	5				1.0	
	44.60		EL	NONE		8					1.0	
	44.60		CL	PIPE		10					2.0	
	44.60		CL	PIPE		2					2.0	
	45.20		FL	PIPE		8					15.0	
	45.20		FL	PIPE		2					15.0	
	45.80		CC	PIPE		7	9				1.0	
	46.00		FL	PIPE		2					15.0	
	46.00		FL	PIPE		7					15.0	
	46.00		ELJ	NONE		1	3				1.0	
	46.80		ELJ	NONE		2	3				1.0	
	47.00		CL	PIPE		3					2.0	
	47.00		CL	PIPE		9					2.0	
	47.50		ELJ	NONE		11	1				1.0	
	51.40		LL	NONE								
	52.80		ELJ	NONE		4	5				1.0	
	53.20		JN	NONE	150	2						
	54.00		JN	NONE	150	11						
	54.40		CCJ	PIPE		8	9				1.0	
	55.20		ELJ	NONE		8	10				1.0	
	56.00		EMJ	NONE		3	5	5			2.0	
	56.80		CL	PIPE		1					2.0	
	58.20		ELJ	NONE		1	2				1.0	
	62.00		LR	NONE								

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
	64.40		EL	NONE		8	9			1.0	
	65.80		DJ	PIPE				5		10.0	VERTICLE
	67.50		EL	NONE		2	3			1.0	
	67.80		EL	NONE		2	5			1.0	
	67.90		CNI	NONE	150	2			25		LIVE
	68.00		CLJ	PIPE		1				2.0	
	68.20		ELJ	NONE		12	5			1.0	
	68.40		JN	NONE	150	2					
	69.20		EL	NONE		7	10			1.0	
	69.20		JN	NONE	150	10					
	72.10		EL	NONE		9	11			1.0	
	72.80		ELJ	NONE		7	8			1.0	
	73.10		EL	NONE		9	10			1.0	
	73.50		SSMJ	PIPE		7	8			1.0	CHIPPED
	74.30		EMJ	NONE		7	8	5		2.0	
	75.10		WL	NONE				10			
	79.60		ELJ	NONE		7	9			1.0	
	80.40		EHJ	NONE		7	5	40		5.0	
	80.40		SA	NONE							EH @ J
1383	80.41		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	118905	Work Status:	COMPLETED
Entity ID:	22	Contractor Name:	UJ-RICH/LISA
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60006779	Completed Date:	8/18/2004
Work Type ID:	8	Survey Direction:	UPSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	15.0
Added By:	SYSTEM	Asset Quantity:	95.4
Added Date:	9/30/2003 6:05:56 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1923	Work Quantity:	15.0
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	LANARK ST		
Location Details:	MH@ ACADEMY RD-4TH MH N OF KINGSWAY		
Comments:	REVERSAL 15.0 FULL VIDEO CD# 106-429		
Import No:	5171	Shape:	C-CIRCULAR
Current Flag:	N	Height (mm):	450
Insp. Asset No:	22	Width (mm):	<Null>
Start Manhole No:	579	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	6.75	Lining:	<Null>
End Manhole No:	578	Pipe Length (m):	0.8
End Manhole Depth:	5.33	Total Length (m):	95.4
Insp. Time:	1055	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6122		
Structural Peak:	15.0	Asset SPG:	4
Structural Total:	19.0	Asset SPG By:	DMAGES
Structural Mean:	1.3	Asset SPG Date:	10/4/2004 11:00:03 AM
Structural Grade:	2	SPG Review By:	<Null>
Service Peak:	6.0	SPG Review Date:	<Null>
Service Total:	20.0	Rehab. Review By:	<Null>
Service Mean:	1.3	Rehab. Review Date:	<Null>
Service Grade:	2		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
1383	0.00		ST	NONE								MH 579
	0.01		WL	NONE					5			
	0.80		ELJ	NONE		2	5				1.0	
	0.80		RFJ	NONE							1.0	
	0.80		FL	PIPE		9					15.0	
	2.20		ELJ	NONE		1	4				1.0	
	3.00		EL	NONE		10	11				1.0	
	8.40		EMJ	NONE		7	8	5			2.0	
	9.10		ELJ	NONE		7	8				1.0	
	9.40		CL	PIPE		10					2.0	
	9.60		JN	NONE	150	10						
	9.60		EH	NONE		7	10	10			5.0	
	10.00		ELJ	NONE		7	10				1.0	
	10.40		CL	PIPE		10					2.0	
	10.50		JN	NONE	150	2						
	10.50		JN	NONE	150	2						
	11.30		JN	NONE	150	10						
	12.30		WL	NONE				10				
	13.00		ELJ	NONE		2	5				1.0	
	13.80		ELJ	NONE		7	5				1.0	
	15.00		EHJ	NONE		7	5	40			5.0	
	15.00		SA	NONE								EH @ J
1420	15.01		FH	NONE								REVERSAL

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	24474	Work Status:	COMPLETED
Entity ID:	4	Contractor Name:	UJ-RICH/BILL
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA60008062	Completed Date:	4/29/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	12.7
Added By:	SYSTEM	Asset Quantity:	12.7
Added Date:	4/29/2004	Invalid Offset Flag:	N
Asset Install Date:	1/1/1860	Work Quantity:	12.7
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	LINDSAY ST		
Location Details:	MH@GROSVENORAV(NPL)-MH@GROSVENORAV(CL)		
Comments:	CD #106-126, LINE IS AN OVERFLOW		
Import No:	2246	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	450
Insp. Asset No:	4	Width (mm):	<Null>
Start Manhole No:	626	Material:	CO-CONCRETE
Start Manhole Depth:	3.69	Lining:	<Null>
End Manhole No:	627	Pipe Length (m):	0.8
End Manhole Depth:	6.80	Total Length (m):	12.7
Insp. Time:	1708	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6033	Asset SPG:	4
Structural Peak:	40.0	Asset SPG By:	ETOUPIN
Structural Total:	47.0	Asset SPG Date:	4/29/2004
Structural Mean:	3.7	SPG Review By:	ETOUPIN
Structural Grade:	3	SPG Review Date:	6/3/2004
Service Peak:	0.0	Rehab. Review By:	ETOUPIN
Service Total:	0.0	Rehab. Review Date:	6/3/2004
Service Mean:	0.0		
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
04330	0.00		ST	NONE								MH #626
	0.10		WL	NONE					5			
	0.50		FM	PIPE		6	6				40.0	
	1.30		SSMJ	PIPE		9					1.0	CHIP@JOINT
	2.50		SSMJ	PIPE		2					1.0	CHIP@JOINT
	4.10		CL	PIPE		3					2.0	
	6.40		LD	NONE								
	8.00		GO	NONE								FILM ON WALL
	8.00		SSSJ	PIPE		8					0.0	
	8.80		GO	NONE								FILM ON WALL
	11.00		CCJ	PIPE		10	11				1.0	
	11.60		CL	PIPE		4					2.0	
	11.80		GO	NONE								COPATCH06-06
	12.70		MH	NONE								MH #627
04640	12.72		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	118977	Work Status:	COMPLETED
Entity ID:	68	Contractor Name:	UJ-RICH/BILL
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60006859	Completed Date:	9/8/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	96.6
Added By:	SYSTEM	Asset Quantity:	96.8
Added Date:	9/30/2003 6:17:51 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1920	Work Quantity:	96.6
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	LINDSAY ST		
Location Details:	3RD MH N OF KINGSWAY-MH @ ACADEMY RD		
Comments:	DISTANCE OUT DUE TO OFFSET MH CD# 106-473		
Import No:	5222	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	450
Insp. Asset No:	68	Width (mm):	<Null>
Start Manhole No:	585	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	5.10	Lining:	<Null>
End Manhole No:	586	Pipe Length (m):	0.8
End Manhole Depth:	8.06	Total Length (m):	96.8
Insp. Time:	1141	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6133	Asset SPG:	4
Structural Peak:	102.5	Asset SPG By:	DMAGES
Structural Total:	347.0	Asset SPG Date:	11/16/2004 10:10:51 AM
Structural Mean:	3.6	SPG Review By:	DMAGES
Structural Grade:	4	SPG Review Date:	11/16/2004 10:10:51 AM
Service Peak:	3.0	Rehab. Review By:	<Null>
Service Total:	44.2	Rehab. Review Date:	<Null>
Service Mean:	0.5		
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0493	0.00		ST	NONE								MH 585
	0.10		WL	NONE					5			
	1.10		CL	PIPE			3				2.0	
	1.20		SSMJ	PIPE			2	6			3.0	
	1.30		CX	NONE	150		1					LIVE, HOLE IN
	1.30		H	PIPE			2				60.0	
	1.30		GO	NONE								ADJACENT SEWER
	1.40		DEG	NONE			4		0		1.0	
	2.90		JN	NONE	150		11					CAPPED
	3.70		JN	NONE	150		1					CAPPED
	4.20		D	PIPE					5		10.0	
	4.90		D	PIPE					5		10.0	
	9.80		JN	NONE	150		11					CAPPED
	10.10		EL	NONE			1	5			1.0	
	10.70		JN	NONE	150		1					
	14.10		ELJ	NONE			7				1.0	
	15.70		D	PIPE					5		10.0	
	16.90		CX	NONE	150		10					ADJACENT SEWER
	16.90		GO	NONE								HAS FRACTURE, LIVE
	17.00		FL	PIPE			11				15.0	
	18.00		ELJ	NONE			7	10			1.0	
	18.30		JN	NONE	150		10					CAPPED
	19.00		JN	NONE	150		1					CAPPED
	19.20		EL	NONE			8				1.0	
	20.30		EL	NONE			8				1.0	
	21.10		EL	NONE			8				1.0	
	25.00		EL	NONE			7	10			1.0	
	25.00		JN	NONE	150		11					LIVE
	25.90		JN	NONE	150		2					CAPPED
	28.20		EL	NONE			1				1.0	
	29.00		EL	NONE			11				1.0	
	31.50		CNI	NONE	150		2			30		LIVE
	31.50		EL	NONE			2	5			1.0	
	32.70		JN	NONE	150		11					CAPPED
	33.60		JN	NONE	150		1					CAPPED
	34.80		SSS	PIPE			7	5			0.5	
	34.80		SSMJ	PIPE			1				1.0	
	35.60		SSS	PIPE			7	5			0.5	
	39.50		JN	NONE	150		11					CAPPED
	40.10		SSS	PIPE			7	5			0.5	
	40.40		JN	NONE	150		1					LIVE
	40.40		EL	NONE			2	6			1.0	
	43.10		CL	PIPE			1				2.0	
	43.80		FM	PIPE			6	6			40.0	
	43.80		CL	PIPE			11				2.0	
	44.00		EL	NONE			1	5			1.0	
	44.20		EL	NONE			7	5			1.0	
	44.50		MC	NONE								TO CO
	44.70		CNI	NONE	150		11			20		
	45.10		LU	NONE								
	45.20		CXI	NONE	150		1			50		LIVE, ADJACENT
	45.20		GO	NONE								SEWER FRACTURED
	45.80		JDM	PIPE							0.5	
	45.80		SSMJ	PIPE			2	5			2.0	
	45.80		B	PIPE			11	12			60.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
45.80			MC	NONE								TO VC
45.80			FM	PIPE		6	6				40.0	
46.60			FL	PIPE		12					15.0	
48.40			JN	NONE	150	10						CAPPED
49.20			JN	NONE	150	1						CAPPED
54.30			CC	PIPE		2	4				1.0	
54.30			EL	NONE		3					1.0	
54.60			CXI	NONE	150	1			40			FRACTURED
55.50			JN	NONE	150	10						
56.30			JX	NONE	150	1						CAPPED, FRACTURE
56.30			GO	NONE								IN ADJACENT SEWER
56.40			FL	PIPE		1					15.0	
56.90			CC	PIPE		3	4				1.0	
57.50			D	PIPE				5			10.0	
58.50			LL	NONE								
61.30			SSS	PIPE		4					0.0	
62.80			SSLJ	PIPE		12					15.0	
62.80			SSLJ	PIPE		2					15.0	
62.80			CX	NONE	150	1						ADJACENT SEWER
62.80			GO	NONE								IS SSL
63.70			JN	NONE	150	1						CAPPED
65.40	74.20		DEG	NONE		3		5			8.8	Finish ContDef Comments: DEFECT WANDERS, Finish ContDef Clock At: 01, Finish ContDef Intrusion: 00, Start ContDef Comments: NONE
65.60	74.00		DEG	NONE		9		5			8.4	Finish ContDef Comments: DEFECT WANDERS, Finish ContDef Clock At: 11, Finish ContDef Intrusion: 00, Start ContDef Comments: NONE
67.80			CL	PIPE		12					2.0	ENDS @ 11
70.80			JN	NONE	150	11						CAPPED
71.50			JN	NONE	150	1						CAPPED
71.80			ELJ	NONE		3	4				1.0	
74.00			ELJ	NONE		9					1.0	
77.20			DEG	NONE		11		0			1.0	
77.20			DEG	NONE		1		0			1.0	
77.90			WL	NONE				10				
78.60			RFJ	NONE							1.0	
78.70			LL	NONE								
78.90			JX	NONE	150	11						H IN JN
78.90			EM	NONE		7	10	5			2.0	
79.00			WL	NONE				15				
79.40			D	PIPE				5			10.0	
79.80			JN	NONE	150	1						CAPPED
80.20			CL	PIPE		1					2.0	
80.40			GO	NONE								FLUSHER ON
80.40			WL	NONE				5				
82.20			WL	NONE				10				
85.00			EL	NONE		9	11				1.0	
85.20			CN	NONE	150	12						LIVE
85.20			EL	NONE		1	5				1.0	
85.80			ELJ	NONE		1	5				1.0	
86.10			JN	NONE	150	11						
86.10			EL	NONE		7	10				1.0	
86.70			JN	NONE	150	1						CAPPED
87.00			WL	NONE				5				
92.00			ELJ	NONE		7	8				1.0	
94.30			SSMJ	PIPE		8	9				1.0	CHIP @ JOINT
95.80			SSM	PIPE		9	10				1.0	CHIPPED
96.60			MH	NONE								MH 586

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
1083	96.61		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	119006	Work Status:	COMPLETED
Entity ID:	22555	Contractor Name:	UJ-RICH/BILL
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60006863	Completed Date:	9/8/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	88.1
Added By:	SYSTEM	Asset Quantity:	88.1
Added Date:	9/30/2003 6:22:49 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1920	Work Quantity:	88.1
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	LINDSAY ST		
Location Details:	2ND MH S OF WELLINGTON CR-MH @ ACADEMY RD		
Comments:	CD# 106-472		
Import No:	5222	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	22555	Width (mm):	<Null>
Start Manhole No:	22554	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	4.44	Lining:	<Null>
End Manhole No:	586	Pipe Length (m):	0.6
End Manhole Depth:	7.57	Total Length (m):	88.1
Insp. Time:	0931	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6133		
Structural Peak:	152.0	Asset SPG:	5
Structural Total:	611.8	Asset SPG By:	DMAGES
Structural Mean:	6.9	Asset SPG Date:	10/13/2004 11:09:52 AM
Structural Grade:	5	SPG Review By:	DMAGES
Service Peak:	10.0	SPG Review Date:	10/13/2004 11:09:52 AM
Service Total:	51.0	Rehab. Review By:	<Null>
Service Mean:	0.6	Rehab. Review Date:	<Null>
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0290	0.00		ST	NONE								MH 22554
	0.10		WL	NONE					5			
	0.60		FC	PIPE		3	7				8.0	
	0.60		FL	PIPE		6					15.0	
	0.60		CM	PIPE		10	3				5.0	
	0.90		FC	PIPE		6	10				8.0	
	1.20	4.90	CL	PIPE		12					7.4	Finish ContDef Comments: DEFECT WANDERS, Finish ContDef Clock At: 01, Start ContDef Comments: NONE
	1.20		CL	PIPE		6					2.0	
	1.40		CL	PIPE		4					2.0	
	1.70		CLJ	PIPE		4					2.0	ENDS @ 03
	1.80		FLJ	PIPE		9					15.0	ENDS @ 10
	2.00		JN	NONE	150	10						LIVE
	2.30		CL	PIPE		2					2.0	ENDS @ 04
	2.40		WL	NONE					10			
	3.60		FC	PIPE		6	9				8.0	
	3.70		CL	PIPE		10					2.0	ENDS @ 12
	3.80		CC	PIPE		7	8				1.0	
	3.90		WL	NONE					5			
	4.10		CL	PIPE		3					2.0	
	4.10		CL	PIPE		7					2.0	
	4.10		FC	PIPE		1	6				8.0	
	4.60		CL	PIPE		1					2.0	
	4.60		CC	PIPE		9	2				1.0	
	6.10		CCJ	PIPE		4	5				1.0	
	6.10		CL	PIPE		2					2.0	ENDS @ 01
	6.10		CL	PIPE		12					2.0	ENDS @ 01
	6.20		CL	PIPE		4					2.0	
	6.70		CL	PIPE		1					2.0	ENDS @ 12
	6.70		CL	PIPE		3					2.0	
	6.70		EL	NONE		3					1.0	
	6.70		FL	PIPE		6					15.0	
	6.70		CL	PIPE		12					2.0	
	6.70		CL	PIPE		5					2.0	ENDS @ 04
	7.30		B	PIPE		12	3				60.0	
	7.30		FL	PIPE		6					15.0	
	7.60		FL	PIPE		6					15.0	ENDS @ 04
	7.60		CL	PIPE		8					2.0	ENDS @ 09
	7.70		JX	NONE	150	2						ADJACENT SEWER HAS HOLE & IS BROKEN & JX IS BROKEN
	7.70		GO	NONE								
	7.70		GO	NONE								
	7.70		GO	NONE								
	7.90		H	PIPE		3	4				60.0	
	7.90		IR	NONE		3						
	8.00		FL	PIPE		6					15.0	
	8.00		CL	PIPE		12					2.0	
	8.00		CCJ	PIPE		11	12				1.0	
	8.00		EL	NONE		8					1.0	
	8.10		CL	PIPE		11					2.0	ENDS @ 12
	8.70		GO	NONE								PRE-SPALLING CONDITION
	8.70		GO	NONE								
	8.90		JN	NONE	150	1						CAPPED
	9.50		JN	NONE	150	10						CAPPED
	9.80		FM	PIPE		6	6				40.0	
	10.50		CL	PIPE		12					2.0	
	10.50		CL	PIPE		1					2.0	ENDS @ 12

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	10.50		FL	PIPE			6				15.0	
	10.50		CL	PIPE			4				2.0	
	10.50		SSMJ	PIPE			4				1.0	CHIP @ JOINT
	10.50		D	PIPE					5		10.0	
	10.50		CL	PIPE			8				2.0	
	10.80		CC	PIPE			7	8			1.0	
	10.90		CC	PIPE			12	4			1.0	
	10.90		CC	PIPE			11	12			1.0	
	11.10		CL	PIPE			11				2.0	
	11.30		CL	PIPE			6				2.0	
	13.10		CL	PIPE			4				2.0	
	13.10		EL	NONE			4	5			1.0	
	15.00		EL	NONE			4	5			1.0	
	16.60		JN	NONE	150		1					CAPPED
	16.90		JN	NONE	150		11					LIVE
	17.40		D	PIPE					5		10.0	
	17.40		SSSJ	PIPE			9				0.0	
	18.70		CL	PIPE			7				2.0	ENDS @ 06
	19.20		ELJ	NONE			7				1.0	
	21.70		SSSJ	PIPE			10				0.0	
	23.80		JN	NONE	150		1					LIVE
	24.50		JN	NONE	150		10					CAPPED
	29.80		SSSJ	PIPE			3				0.0	
	30.50		RFJ	NONE							1.0	
	31.10		FL	PIPE			6				15.0	
	31.10		FLJ	PIPE			3				15.0	
	31.10		CL	PIPE			6				2.0	ENDS @ 07
	31.10		CC	PIPE			9	12			1.0	
	31.10		RMJ	NONE					10		2.0	
	31.40		RM	NONE					40		5.0	
	31.50		JX	NONE	150		12					ADJACENT SEWER
	31.50		GO	NONE								FRACTURED,
	31.50		GO	NONE								RM @ JX
	31.80		FL	PIPE			5				15.0	
	31.80		FL	PIPE			6				15.0	
	31.80		RMJ	NONE					10		2.0	
	32.10		JX	NONE	150		10					LIVE, FRACTURED
	32.30		FL	PIPE			1				15.0	
	32.30		FCJ	PIPE			3	5			8.0	
	32.30		CL	PIPE			8				2.0	
	32.30		FL	PIPE			6				15.0	
	33.00		FL	PIPE			6				15.0	ENDS @ 07
	33.00		FL	PIPE			12				15.0	
	33.10		CL	PIPE			2				2.0	
	33.60		MC	NONE								TO CO
	33.70	38.60	SSS	PIPE			7	5			2.5	Finish ContDef Comments: NONE. Finish ContDef Clock At: 07, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	33.80		FLJ	PIPE			11				15.0	
	34.00		JN	NONE	150		12					LIVE TWIGS IN JN
	34.60		JN	NONE	150		12					LIVE
	35.00		OB	NONE					5		10.0	GASKET HANGING
	36.70		CL	PIPE			5				2.0	
	38.60		MC	NONE								TO VC
	39.40		CL	PIPE			2				2.0	ENDS @ 01
	39.60		JN	NONE	150		1					CAPPED
	40.20		JN	NONE	150		10					CAPPED

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	43.60		OB	NONE					5		10.0	PIECE OF STEEL
	43.90		CL	PIPE			4				2.0	
	46.20		RFJ	NONE							1.0	
	46.20		D	PIPE					5		10.0	
	46.50		JN	NONE	150		2					LIVE
	46.90		RFJ	NONE							1.0	
	47.10		JN	NONE	150		10					CAPPED
	47.40		SSMJ	PIPE			5				1.0	CHIP @ JOINT
	47.40		SSMJ	PIPE			7				1.0	CHIP @ JOINT
	54.10		JN	NONE	150		1					CAPPED
	54.40		D	PIPE					5		10.0	
	54.60		JN	NONE	150		10					CAPPED
	54.60		EL	NONE			7	9			1.0	
	55.00		FL	PIPE			12				15.0	
	55.20		CNI	NONE	150		11			60		LIVE
	56.20		SSSJ	PIPE			2				0.0	
	58.80		CL	PIPE			8				2.0	
	58.80		CL	PIPE			3				2.0	
	60.70		RFJ	NONE							1.0	
	61.40		CL	PIPE			4				2.0	
	61.40		RFJ	NONE							1.0	
	62.20		JN	NONE	150		1					LIVE, ROOTS IN JN
	62.50		RFJ	NONE							1.0	
	62.90		JN	NONE	150		11					CAPPED
	62.90		CC	PIPE			12	1			1.0	
	63.80		RFJ	NONE							1.0	
	65.10		LR	NONE								
	67.00		LL	NONE								
	67.60		SSSJ	PIPE			8				0.0	
	69.20		JN	NONE	150		1					LIVE
	69.20		EL	NONE			2	5			1.0	
	69.50		SSSJ	PIPE			2				0.0	
	69.70		JN	NONE	150		9					CAPPED
	70.20		RFJ	NONE							1.0	
	71.10		FC	PIPE			12	7			8.0	
	71.40		CL	PIPE			7				2.0	
	71.40		EL	NONE			7				1.0	
	72.00		CL	PIPE			2				2.0	
	73.60		CL	PIPE			7				2.0	
	73.60		CL	PIPE			2				2.0	
	74.60		CL	PIPE			3				2.0	
	75.20		EL	NONE			7				1.0	FOLLOWS DEFECT
	75.80		EL	NONE			5				1.0	
	77.30		JN	NONE	150		2					CAPPED
	78.10		JN	NONE	150		10					CAPPED
	78.30		ELJ	NONE			5				1.0	
	83.40		ELJ	NONE			7				1.0	
	85.30		CLJ	PIPE			4				2.0	
	87.80		EM	NONE			7	5	10		2.0	
	88.10		MH	NONE								MH 586
0492	88.11		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	118101	Work Status:	COMPLETED
Entity ID:	20945	Contractor Name:	CAMBRIAN VAC
GIS Table ID:	28	Contractor Job No:	504-2003
Asset Type:	SEWER	CWMS Work Order:	18101
Asset Number:	S-MA40007579	Completed Date:	8/21/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	100.2
Added By:	SYSTEM	Asset Quantity:	100.2
Added Date:	9/23/2003 5:46:38 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1987	Work Quantity:	100.2
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	103	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i - Contract 1 - Roland	Actual Cost:	<Null>
QA/QC By:	YZACHOZY	History Reason:	<Null>
QA/QC Date:	11/18/2004 9:33:51 AM		
Street/Place Name:	MARTIN AVE		
Location Details:	2ND MH W OF LONDON ST TO 1ST MH E OF GREY ST		
Comments:	VHS TAPE		
Import No:	5256	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	450
Insp. Asset No:	20945	Width (mm):	<Null>
Start Manhole No:	20944	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	4.08	Lining:	<Null>
End Manhole No:	20946	Pipe Length (m):	0.7
End Manhole Depth:	4.08	Total Length (m):	100.2
Insp. Time:	0350	Purpose:	C-RENEWAL ASSESSMENT
Flow Type:	C-COMBINED	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	A-URBAN MAIN ROAD
Tape/CD No:	J3052	Asset SPG:	5
Structural Peak:	127.0	Asset SPG By:	NCLINCH
Structural Total:	237.0	Asset SPG Date:	10/4/2004 3:55:11 PM
Structural Mean:	2.4	SPG Review By:	NCLINCH
Structural Grade:	4	SPG Review Date:	10/4/2004 3:55:11 PM
Service Peak:	1.0	Rehab. Review By:	<Null>
Service Total:	2.0	Rehab. Review Date:	<Null>
Service Mean:	0.0		
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
1638	0.00		ST	NONE							DOWNSTREAM (WITH FLOW)
1645	0.01		MH	NONE							20944
1652	0.01		WL	NONE				5			
1652	0.01		GO	NONE							STMH LOC: 2ND MH W OF LONDON ST
1685	0.01		FL	PIPE		4				15.0	
1685	0.01		FL	PIPE		8				15.0	
1685	0.01		FC	PIPE		9	2			8.0	
1714	2.50		LL	NONE							
1719	2.60		JN	NONE	150	10					
1742	3.60		JN	NONE	150	2					
1774	5.90		WL	NONE				10			
1796	9.30		LR	NONE							
1804	10.40		JN	NONE	150	10					
1822	11.10		JN	NONE	150	2					CAPPED
1850	12.50		WL	NONE				15			
1861	14.20		WL	NONE				10			
1893	18.00		JN	NONE	150	10					CAPPED
1913	18.70		CN	NONE	150	11					LIVE
1921	18.90		JN	NONE	150	2					
1951	19.40		CCJ	PIPE		1	4			1.0	
1968	21.40		CL	PIPE		3				2.0	
1979	22.50		WL	NONE				5			
1999	25.60		JN	NONE	150	10					LIVE
2020	26.50		JN	NONE	150	2					CAPPED
2043	27.30		WL	NONE				10			
2047	27.70		LR	NONE							
2052	28.10		WL	NONE				15			
2061	29.40		WL	NONE				10			
2082	33.20		JN	NONE	150	11					CAPPED
2106	33.90		JN	NONE	150	1					LIVE
2139	35.60		CNI	NONE	150	11			20		LIVE
2171	37.40		WL	NONE				15			
2190	40.10		WL	NONE				10			
2196	41.00		JN	NONE	150	11					CAPPED
2219	41.70		JN	NONE	150	2					CAPPED
2247	42.60		WL	NONE				5			
2263	45.70		LL	NONE							
2271	46.70		LR	NONE							
2281	48.30		CLJ	PIPE		11				2.0	
2290	48.50		JN	NONE	150	11					CAPPED
2295	48.50		EL	NONE		7	10			1.0	
2324	49.10		WL	NONE				15			
2332	49.40		JN	NONE	150	2					CAPPED
2359	50.00		CLJ	PIPE		3				2.0	
2365	50.00		WL	NONE				20			
2377	51.30		WL	NONE				15			
2381	51.30		WL	NONE				10			
2384	51.40		CLJ	PIPE		10				2.0	
2421	52.30		ELJ	NONE		2	5			1.0	
2428	52.80		WL	NONE				5			
2452	55.40		JN	NONE	150	10					
2477	55.90		FL	PIPE		2				15.0	
2477	55.90		FL	PIPE		7				15.0	WANDERS
2482	56.20		JN	NONE	150	1					
2506	56.70		FL	PIPE		2				15.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
2513	56.70		JN	NONE	150	11						LIVE
2549	57.50		JN	NONE	150	1						
2575	59.30		WL	NONE					10			
2585	60.80		WL	NONE					15			
2600	62.50		CLJ	PIPE		2					2.0	
2638	64.10		WL	NONE					10			
2645	64.60		WL	NONE					5			
2648	64.60		JN	NONE	150	10						CAPPED
2669	65.10		CLJ	PIPE		1					2.0	
2676	65.10		JN	NONE	150	2						CAPPED
2702	66.10		CNI	NONE	150	10				50		LIVE
2733	67.00		WL	NONE					10			
2739	68.00		WL	NONE					10			
2744	68.60		LL	NONE								
2751	68.80		CN	NONE	150	11						LIVE
2773	69.40		CLJ	PIPE		10					2.0	
2786	70.20		LR	NONE								
2816	71.50		CLJ	PIPE		2					2.0	
2824	71.90		JN	NONE	100	10						CAPPED
2851	72.70		JN	NONE	150	2						
2881	74.60		CMJ	PIPE		11	1				5.0	
2909	77.70		CLJ	PIPE		4					2.0	
2919	78.20		WL	NONE					15			
2928	79.50		JN	NONE	150	10						LIVE
2969	80.20		JN	NONE	150	1						CAPPED
2987	80.90		WL	NONE					10			
2993	81.00		WL	NONE					5			
3003	81.50		LR	NONE								
3017	83.40		WL	NONE					10			
3033	85.10		CLJ	PIPE		2					2.0	
3051	86.20		WL	NONE					15			
3058	87.00		JN	NONE	150	11						CAPPED
3087	87.60		JN	NONE	150	1						
3103	88.50		WL	NONE					10			
3123	90.50		WL	NONE					15			
3135	92.20		WL	NONE					10			
3152	93.90		WL	NONE					15			
3162	95.30		CCJ	PIPE		11	4				1.0	
3172	95.30		JN	NONE	150	10						LIVE
3196	95.30		JN	NONE	150	2						LIVE
3196	99.00		MC	NONE								VC TO CONCRETE
3196	99.00		LL	NONE								
3250	99.00		DH	PIPE					5		10.0	
3263	99.00		FL	PIPE		3					15.0	
3263	99.00		H	PIPE		7	10				90.0	
3263	99.20		FC	PIPE		9	5				8.0	
3263	99.20		CL	PIPE		9					2.0	
3263	99.20		SSM	PIPE		4	5				1.0	
3263	99.20		SSM	PIPE		7	8				1.0	
3317	100.20		GO	NONE								FHMH LOC: 1ST MH E OF GREY ST
3317	100.20		MH	NONE								20946
3317	100.21		FH	NONE								UNABLE TO REACH MH - CORRODED INVERT

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	118122	Work Status:	COMPLETED
Entity ID:	21067	Contractor Name:	CAMBRIAN VAC
GIS Table ID:	28	Contractor Job No:	504-2003
Asset Type:	SEWER	CWMS Work Order:	18122
Asset Number:	S-MA40011069	Completed Date:	9/8/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	99.3
Added By:	SYSTEM	Asset Quantity:	110.1
Added Date:	9/23/2003 5:54:12 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1988	Work Quantity:	99.3
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	103	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i - Contract 1 - Roland	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	MCCALMAN AV		
Location Details:	1ST MH E OF GREY ST TO MH AT GREY ST		
Comments:	VHS TAPE		
Import No:	5267	Shape:	C-CIRCULAR
Current Flag:	N	Height (mm):	450
Insp. Asset No:	21067	Width (mm):	<Null>
Start Manhole No:	21066	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	6.07	Lining:	<Null>
End Manhole No:	20896	Pipe Length (m):	0.7
End Manhole Depth:	6.75	Total Length (m):	110.1
Insp. Time:	1216	Purpose:	C-RENEWAL ASSESSMENT
Flow Type:	C-COMBINED	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	A-URBAN MAIN ROAD
Tape/CD No:	J3066	Asset SPG:	4
Structural Peak:	94.6	Asset SPG By:	NCLINCH
Structural Total:	258.0	Asset SPG Date:	10/7/2004 2:22:51 PM
Structural Mean:	2.6	SPG Review By:	NCLINCH
Structural Grade:	3	SPG Review Date:	10/7/2004 2:17:47 PM
Service Peak:	5.0	Rehab. Review By:	<Null>
Service Total:	6.0	Rehab. Review Date:	<Null>
Service Mean:	0.1		
Service Grade:	2		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
1977	0.00		ST	NONE							DOWNSREAM (WITH FLOW)
1983	0.01		MH	NONE							21066
1989	0.01		WL	NONE				5			
1989	0.01		GO	NONE							STMH LOC: 1ST MH E OF GREY ST
2030	0.01	5.50	CL	PIPE			4			11.0	Finish ContDef Comments: WANDERS, Finish ContDef Clock At: 03, Start ContDef Comments: FROM MH FACE
2030	0.01	5.50	CL	PIPE			8			11.0	Finish ContDef Comments: WANDERS, Finish ContDef Clock At: 09, Start ContDef Comments: FROM MH FACE
2039	0.01		CLJ	PIPE			2			2.0	AT FIRST JOINT
2039	0.01		CCJ	PIPE			8	10		1.0	AT FIRST JOINT
2039	0.01		CCJ	PIPE			10	2		1.0	AT FIRST JOINT
2057	1.80		CL	PIPE			12			2.0	
2063	1.80		CNI	NONE	150		11		30		LIVE
2103	2.50		CL	PIPE			4			2.0	
2119	2.70		CL	PIPE			5			2.0	
2132	2.70		CL	PIPE			7			2.0	
2142	2.80		WL	NONE				15			
2145	2.80		CL	PIPE			12			2.0	
2161	4.10		WL	NONE				10			
2174	5.50		LR	NONE							
2183	6.40		LR	NONE							
2194	7.10		JX	NONE	150		11				BROKEN IN JX, LIVE
2248	8.50		CC	PIPE			9	11		1.0	
2256	8.50		JN	NONE	150		1				LIVE
2267	8.50		LL	NONE							
2294	8.50		CL	PIPE			3			2.0	
2294	8.50		CL	PIPE			4			2.0	
2294	8.50		CL	PIPE			9			2.0	
2294	8.50		CL	PIPE			10			2.0	
2301	8.50		WL	NONE				5			
2328	9.50		CL	PIPE			3			2.0	
2333	9.50		CL	PIPE			9			2.0	
2347	10.20		CL	PIPE			2			2.0	
2353	10.20		CL	PIPE			10			2.0	
2364	11.00		LR	NONE							
2374	11.90		CCJ	PIPE			10	1		1.0	
2387	12.90		CCJ	PIPE			10	12		1.0	
2398	13.60		WL	NONE				10			
2426	16.60		WL	NONE				5			
2429	16.90		JN	NONE	150		11				LIVE
2469	17.50		JN	NONE	150		1				LIVE
2512	19.80		CL	PIPE			8			2.0	
2517	20.20		CCJ	PIPE			10	12		1.0	
2532	21.10		WL	NONE				10			
2550	22.90		WL	NONE				15			
2571	25.40		CCJ	PIPE			11	2		1.0	
2578	25.40		WL	NONE				10			
2584	25.50		JN	NONE	150		11				LIVE
2614	26.20		JN	NONE	150		1				LIVE
2645	27.10		WL	NONE				15			
2673	30.50		CN	NONE	150		11				LIVE
2704	31.80		WL	NONE				10			
2716	32.40		WL	NONE				15			
2739	35.00		WL	NONE				5			
2744	35.10		JN	NONE	150		11				

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
2764	35.80		JN	NONE	150	1						
2783	36.60		WL	NONE					10			
2803	38.20		CN	NONE	150	12						LIVE
2847	40.70		LL	NONE								
2869	42.90		WL	NONE					15			
2877	43.80		CCJ	PIPE		2	4				1.0	
2883	44.00		CL	PIPE		4					2.0	
2890	44.00		JN	NONE	150	11						LIVE
2918	44.70		JN	NONE	150	2						LIVE
2943	45.20		CL	PIPE		2					2.0	
2943	45.20		CL	PIPE		9					2.0	
2968	47.50		LR	NONE								
3011	52.00		CCJ	PIPE		12	2				1.0	
3027	53.20		JN	NONE	150	10						LIVE
3039	53.50		WL	NONE					10			
3062	54.00		JN	NONE	150	1						LIVE
3085	54.70		WL	NONE					5			
3097	55.20		CCJ	PIPE		12	3				1.0	
3102	55.20		WL	NONE					10			
3111	56.00		WL	NONE					15			
3117	56.20		JN	NONE	200	11						
3126	56.80		CCJ	PIPE		2	4				1.0	
3144	56.90		JN	NONE	200	2						
3165	57.70		JN	NONE	150	10						
3193	59.00		WL	NONE					10			
3206	60.00		WL	NONE					5			
3220	61.00		CC	PIPE		2	5				1.0	
3220	61.00		CL	PIPE		3					2.0	
3220	61.00		CC	PIPE		7	9				1.0	
3220	61.00		CL	PIPE		9					2.0	
3227	61.30		WL	NONE					10			
3232	62.00		CL	PIPE		2					2.0	
3236	62.00		CL	PIPE		9					2.0	
3248	62.70		CL	PIPE		4					2.0	
3253	62.80		CL	PIPE		10					2.0	
3258	62.80		JN	NONE	150	2						CAPPED
3287	63.80		WL	NONE					15			
3313	65.30		WL	NONE					20			
3335	67.00		WL	NONE					15			
3366	69.40		WL	NONE					20			
3380	70.60		WL	NONE					25			
3391	71.40		LR	NONE								
3391	71.40		CCJ	PIPE		10	2				1.0	
3400	71.60		JN	NONE	150	10						LIVE
3427	72.50		JN	NONE	150	1						LIVE
3436	72.90		WL	NONE					15			
3449	73.60		CCJ	PIPE		10	2				1.0	
3454	73.60		LL	NONE								
3462	73.60		WL	NONE					10			
3480	74.40		WL	NONE					15			
3487	75.00		WL	NONE					20			
3493	75.40		CCJ	PIPE		12	2				1.0	
3505	76.30		WL	NONE					25			
3510	76.70		CCJ	PIPE		8	11				1.0	
3516	76.80		FLJ	PIPE		9					15.0	
3530	77.30		CCJ	PIPE		11	3				1.0	
3538	77.70		WL	NONE					20			

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
3548	78.40		WL	NONE				15			
3551	78.40		LR	NONE							
3562	79.30		WL	NONE				5			
3581	80.80		CCJ	PIPE		12	3			1.0	
3589	81.30		JN	NONE	150	11					CAPPED
3600	81.70		WL	NONE				10			
3627	82.70		JN	NONE	150	2					
3653	83.50		WL	NONE				15			
3678	85.90	89.80	CL	PIPE		2				7.8	Finish ContDef Comments: NONE, Finish ContDef Clock At: 02, Start ContDef Comments: NONE
3701	85.90		CCJ	PIPE		8	10			1.0	
3701	85.90	89.50	CL	PIPE		9				7.2	Finish ContDef Comments: NONE, Finish ContDef Clock At: 08, Start ContDef Comments: NONE
3701	85.90		CCJ	PIPE		10	12			1.0	
3721	87.10		CC	PIPE		9	2			1.0	
3734	87.50		CL	PIPE		11				2.0	
3743	87.90		CCJ	PIPE		1	3			1.0	
3764	89.50		CCJ	PIPE		12	2			1.0	
3764	89.50		FL	PIPE		8				15.0	
3764	89.60		CL	PIPE		10				2.0	
3777	89.60		JX	NONE	150	10					CL AT JX, CAPPED
3791	89.60		DH	PIPE				10		30.0	
3826	89.80		CL	PIPE		12				2.0	
3826	89.80		FL	PIPE		2				15.0	
3826	89.80		FL	PIPE		8				15.0	
3826	89.80		CL	PIPE		11				2.0	
3836	89.80		DH	PIPE				5		10.0	
3843	89.80		JX	NONE	150	2					FL AT JX
3843	90.10		WL	NONE				15			
3874	90.10		FL	PIPE		2				15.0	
3881	90.20		FL	PIPE		8				15.0	
3894	90.60		WL	NONE				25			
3905	91.20		CL	PIPE		2				2.0	
3911	91.20		CL	PIPE		8				2.0	
3911	91.60		WL	NONE				15			
3921	91.90		CL	PIPE		9				2.0	
3926	92.20		CCJ	PIPE		10	2			1.0	
3933	92.20		WL	NONE				10			
3937	92.20		CL	PIPE		2				2.0	
3948	92.90		CCJ	PIPE		8	12			1.0	
3954	92.90		WL	NONE				5			
3983	95.70		CN	NONE	150	12					LIVE
4012	96.90		ELJ	NONE		7	5			1.0	
4029	97.70		WL	NONE				10			
4037	98.40		JN	NONE	150	10					
4060	99.20		CCJ	PIPE		8	11			1.0	
4069	99.30		JN	NONE	150	2					CAPPED
4069	99.30		EH	NONE		7	11	30		5.0	AT CX
4069	99.30		CX	NONE	150	11					CM AT CX
4142	99.30		SA	NONE							UNABLE TO PASS EH
	99.31		FH	NONE							Added By SYSTEM During Import

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	127522	Work Status:	COMPLETED
Entity ID:	21067	Contractor Name:	CAMBRIAN VAC
GIS Table ID:	28	Contractor Job No:	504-2003
Asset Type:	SEWER	CWMS Work Order:	18122
Asset Number:	S-MA40011069	Completed Date:	9/8/2004
Work Type ID:	8	Survey Direction:	UPSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	9.9
Added By:	NCLINCH	Asset Quantity:	110.1
Added Date:	10/5/2004 3:58:08 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1988	Work Quantity:	9.9
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	103	Est. Program Cost:	<Null>
Program Name:	Sewer C&i - Contract 1 - Roland	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	MCCALMAN AV		
Location Details:	1ST MH E OF GREY ST TO MH AT GREY ST		
Comments:	VHS TAPE		
Import No:	5267	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	450
Insp. Asset No:	21067	Width (mm):	<Null>
Start Manhole No:	20896	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	6.75	Lining:	<Null>
End Manhole No:	21066	Pipe Length (m):	0.7
End Manhole Depth:	6.07	Total Length (m):	110.1
Insp. Time:	1328	Purpose:	C-RENEWAL ASSESSMENT
Flow Type:	C-COMBINED	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	A-URBAN MAIN ROAD
Tape/CD No:	J3066		
Structural Peak:	6.0	Asset SPG:	4
Structural Total:	8.0	Asset SPG By:	NCLINCH
Structural Mean:	0.8	Asset SPG Date:	10/7/2004 2:22:51 PM
Structural Grade:	2	SPG Review By:	NCLINCH
Service Peak:	5.0	SPG Review Date:	10/7/2004 2:22:51 PM
Service Total:	5.0	Rehab. Review By:	<Null>
Service Mean:	0.5	Rehab. Review Date:	<Null>
Service Grade:	2		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
4191	0.00		ST	NONE								UPSTREAM (AGAINST FLOW)
4198	0.01		MH	NONE								20896
4205	0.01		WL	NONE					10			
4205	0.01		GO	NONE								STMH LOC: MH AT GREY ST
4240	0.01		CL	PIPE		4					2.0	FROM MH FACE
4240	0.01		CL	PIPE		8					2.0	FROM MH FACE
4240	0.01		CL	PIPE		12					2.0	FROM FIRST JOINT
4281	1.80		WL	NONE					15			
4293	3.00		CCJ	PIPE		8	10				1.0	
4305	3.90		WL	NONE					5			
4329	5.80		CCJ	PIPE		7	10				1.0	
4336	6.10		WL	NONE					10			
4380	9.60		LL	NONE								
4391	9.90		EH	NONE		1	5	35			5.0	AT CX
4408	9.90		SA	NONE								UNABLE TO PASS EH
	9.91		FH	NONE								Added By SYSTEM During Import

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	119067	Work Status:	COMPLETED
Entity ID:	21903	Contractor Name:	UJ-RICH/LISA
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60005825	Completed Date:	6/22/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	94.6
Added By:	SYSTEM	Asset Quantity:	94.6
Added Date:	9/30/2003 6:32:11 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1948	Work Quantity:	94.6
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	MONTROSE ST		
Location Details:	MH @ CORYDON AV - 1ST MH S OF CORYDON AV		
Comments:	CD #106-292		
Import No:	5026	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	21903	Width (mm):	<Null>
Start Manhole No:	21904	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	2.98	Lining:	<Null>
End Manhole No:	21905	Pipe Length (m):	0.8
End Manhole Depth:	3.31	Total Length (m):	94.6
Insp. Time:	0947	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6081	Asset SPG:	4
Structural Peak:	100.0	Asset SPG By:	ETOUPIN
Structural Total:	263.0	Asset SPG Date:	7/26/2004 11:22:25 AM
Structural Mean:	2.8	SPG Review By:	ETOUPIN
Structural Grade:	4	SPG Review Date:	7/26/2004 11:22:25 AM
Service Peak:	7.2	Rehab. Review By:	<Null>
Service Total:	138.8	Rehab. Review Date:	<Null>
Service Mean:	1.5		
Service Grade:	2		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0000	0.00		ST	NONE								MH #21904
	0.10		WL	NONE					10			
	0.10	13.20	EL	NONE		3	5				13.1	Finish ContDef Comments: NONE, Finish ContDef Clock At: 03, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	0.10	13.20	EL	NONE		7	9				13.1	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Finish ContDef Clock To: 09, Start ContDef Comments: NONE
	0.30		CC	PIPE		12	3				1.0	
	3.00		ELJ	NONE		4	5				1.0	
	4.60		CC	PIPE		8	10				1.0	
	6.10		RFJ	NONE							1.0	
	6.90		ELJ	NONE		3	5				1.0	
	7.70		SSMJ	PIPE		3	4				1.0	CHIPPED
	8.20		LR	NONE								
	9.30		CCJ	PIPE		7	10				1.0	
	10.10		ELJ	NONE		7	9				1.0	
	13.20		ELJ	NONE		3	5				1.0	
	13.20		WL	NONE					5			
	14.70		ELJ	NONE		7	9				1.0	
	16.40		CCJ	PIPE		4	8				1.0	
	17.20		WL	NONE					10			
	17.20		ELJ	NONE		12	5				1.0	
	17.20		CCJ	PIPE		10	11				1.0	
	17.20		CCJ	PIPE		12	6				1.0	
	18.00		CMJ	PIPE		9	3				5.0	
	18.80	28.10	EL	NONE		3	5				9.3	Finish ContDef Comments: NONE, Finish ContDef Clock At: 03, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	18.80	28.10	EL	NONE		7	9				9.3	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Finish ContDef Clock To: 09, Start ContDef Comments: NONE
	18.90		EM	NONE		7	10	10			2.0	
	18.90		CNI	NONE	150	10				25		
	19.60		CCJ	PIPE		11	1				1.0	
	22.60		EMJ	NONE		4	5	5			2.0	
	22.60		WL	NONE					5			
	24.20		ELJ	NONE		3	5				1.0	
	25.00		ELJ	NONE		3	5				1.0	
	25.00		WL	NONE					10			
	25.80		CCJ	PIPE		12	3				1.0	
	27.30		ELJ	NONE		3	5				1.0	
	28.10		EHJ	NONE		4	8	10			5.0	
	28.10		ELJ	NONE		8	9				1.0	
	28.90		ELJ	NONE		3	8				1.0	
	29.00		LD	NONE								
	29.20		EL	NONE		5	7				1.0	
	29.20		WL	NONE					5			
	30.50		CCJ	PIPE		11	1				1.0	
	30.50		ELJ	NONE		7	5				1.0	
	31.30		CLJ	PIPE		2					2.0	
	31.60		JN	NONE	150	10						
	32.10		ELJ	NONE		4	5				1.0	
	32.40		JN	NONE	150	2						
	32.80		CCJ	PIPE		8	12				1.0	
	32.80		RFJ	NONE							1.0	
	32.80		FMJ	PIPE		3	8				40.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	33.60		ELJ	NONE		7	3				1.0	
	33.60		CCJ	PIPE		9	12				1.0	
	34.40		LL	NONE								
	34.40		WL	NONE				10				
	36.00		EMJ	NONE		6	8	5			2.0	
	36.80		ELJ	NONE		8	9				1.0	
	38.30		CCJ	PIPE		7	12				1.0	
	38.30		CCJ	PIPE		4	6				1.0	
	38.30		CLJ	PIPE		9					2.0	
	39.80		CLJ	PIPE		3					2.0	
	39.90		CCJ	PIPE		3	6				1.0	
	39.90		ELJ	NONE		12	4				1.0	
	40.10		CCJ	PIPE		8	12				1.0	
	40.60		WL	NONE				5				
	43.00		EMJ	NONE		4	8	5			2.0	
	43.80		RFJ	NONE							1.0	
	43.80		CCJ	PIPE		10	11				1.0	
	43.80		ELJ	NONE		4	6				1.0	
	43.80		CCJ	PIPE		11	4				1.0	
	44.20		JN	NONE	150	10						ROOTSINSIDE
	44.90		RM	NONE				5			1.0	
	45.00		JN	NONE	150	2						RM,LIVE
	46.10		ELJ	NONE		8	10				1.0	
	46.90		ELJ	NONE		3	4				1.0	
	47.70		ELJ	NONE		7	9				1.0	
	48.40		ELJ	NONE		8	9				1.0	
	49.30		CMJ	PIPE		7	2				5.0	
	50.10		ELJ	NONE		5	7				1.0	
	50.10		CCJ	PIPE		7	11				1.0	
	51.60		ELJ	NONE		1	5				1.0	
	51.70		RFJ	NONE							1.0	
	52.40		ELJ	NONE		4	7				1.0	
	52.70		JN	NONE	150	10						LIVE
	52.70		RF	NONE							1.0	
	53.20		RFJ	NONE							1.0	
	53.50		JN	NONE	150	2						
	54.00		CL	PIPE		6					2.0	
	54.00		ELJ	NONE		5	7				1.0	
	55.50		ELJ	NONE		3	5				1.0	
	55.50		ELJ	NONE		7	11				1.0	
	55.60		CCJ	PIPE		11	2				1.0	
	57.00		EMJ	NONE		3	5	5			2.0	
	58.20		JN	NONE	150	10						
	58.30		CC	PIPE		12	8				1.0	
	58.60		EMJ	NONE		4	7	5			2.0	
	59.10		JN	NONE	150	2						
	59.50		ELJ	NONE		2	3				1.0	
	61.00		EMJ	NONE		3	5	5			2.0	
	61.00		ELJ	NONE		7	9				1.0	
	62.60		ELJ	NONE		6	9				1.0	
	63.30		ELJ	NONE		7	8				1.0	
	63.60		CL	PIPE		6					2.0	
	64.20		ELJ	NONE		4	5				1.0	
	64.30		WL	NONE				10				
	65.00		CCJ	PIPE		7	9				1.0	
	65.00		ELJ	NONE		4	6				1.0	
	65.80		CCJ	PIPE		9	3				1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	66.50		EMJ	NONE		6	8		5		2.0	
	66.50		WL	NONE					5			
	67.30		ELJ	NONE		5	8				1.0	
	68.10		ELJ	NONE		7	9				1.0	
	68.40		JN	NONE	150	10						
	68.90		ELJ	NONE		7	8				1.0	
	69.20		JN	NONE	150	2						
	69.60		ELJ	NONE		6	9				1.0	
	70.40		ELJ	NONE		5	8				1.0	
	71.00		CLJ	PIPE		8					2.0	
	71.20		ELJ	NONE		6	8				1.0	
	72.50		LL	NONE								
	72.70		SSMJ	PIPE		9	10				1.0	CHIPPED
	73.50		ELJ	NONE		11	12				1.0	
	74.30		RFJ	NONE							1.0	
	75.80		EMJ	NONE		6	10		5		2.0	
	76.60		EMJ	NONE		5	7		5		2.0	
	77.40		ELJ	NONE		6	9				1.0	
	78.20		EHJ	NONE		4	8		10		5.0	
	79.00		ELJ	NONE		4	8				1.0	
	79.80		ELJ	NONE		3	5				1.0	
	80.10		JN	NONE	150	10						
	80.90		JN	NONE	150	2						CAPPED
	82.20		CLJ	PIPE		2					2.0	
	82.20		FCJ	PIPE		2	4				8.0	
	82.20		CCJ	PIPE		12	2				1.0	
	83.00		ELJ	NONE		6	8				1.0	
	83.50		CLJ	PIPE		3					2.0	
	83.60		ELJ	NONE		7	8				1.0	
	86.00		EMJ	NONE		5	7		5		2.0	
	87.10		CC	PIPE		11	1				1.0	
	87.70		ELJ	NONE		7	8				1.0	
	88.00		JN	NONE	150	10						
	88.40		CCJ	PIPE		10	11				1.0	
	89.50		JN	NONE	150	10						CAPPED
	90.00		CCJ	PIPE		9	11				1.0	
	90.30		RM	NONE					5		1.0	
	90.30		JN	NONE	150	2						
	90.90		LL	NONE								
	91.60		ELJ	NONE		4	5				1.0	
	92.30		RFJ	NONE							1.0	
	92.30		EMJ	NONE		6	6		5		2.0	
	92.40		FL	PIPE		6					15.0	
	92.40		CL	PIPE		12					2.0	
	92.50		CL	PIPE		3					2.0	
	92.50		CL	PIPE		9					2.0	
	93.10		FM	PIPE		6	6				40.0	
	93.40		RF	NONE							1.0	
	93.80		B	PIPE		4	6				60.0	
	94.10		FM	PIPE		6	6				40.0	
	94.40		RF	NONE							1.0	
	94.60		MH	NONE								MH #21905
0184	94.61		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	119093	Work Status:	COMPLETED
Entity ID:	22023	Contractor Name:	UJ-RICH/BILL
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60005617	Completed Date:	6/9/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	85.5
Added By:	SYSTEM	Asset Quantity:	85.6
Added Date:	9/30/2003 6:36:10 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1951	Work Quantity:	85.5
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	DCANN	History Reason:	<Null>
QA/QC Date:	7/9/2004 3:04:30 PM		
Street/Place Name:	NIAGARA ST		
Location Details:	MH @ CORYDON(S PL)-1ST MH S OF CORYDON AV		
Comments:	MH 22022 HAS COCNC @ BOTTOM, CD# 106-238		
Import No:	5014	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	22023	Width (mm):	<Null>
Start Manhole No:	22022	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	3.22	Lining:	<Null>
End Manhole No:	22024	Pipe Length (m):	0.8
End Manhole Depth:	3.68	Total Length (m):	85.6
Insp. Time:	1152	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6066		
Structural Peak:	223.0	Asset SPG:	4
Structural Total:	552.0	Asset SPG By:	DMAGES
Structural Mean:	6.5	Asset SPG Date:	7/7/2004 8:00:10 AM
Structural Grade:	5	SPG Review By:	DMAGES
Service Peak:	3.0	SPG Review Date:	7/7/2004 8:00:10 AM
Service Total:	61.3	Rehab. Review By:	<Null>
Service Mean:	0.7	Rehab. Review Date:	<Null>
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0403	0.00		ST	NONE								MH 22022
	0.01		WL	NONE					5			
	0.80		FC	PIPE		6	6				8.0	
	0.80		CC	PIPE		1	4				1.0	
	0.80		CL	PIPE		3					2.0	
	0.80		CL	PIPE		9					2.0	
	0.90	6.90	EL	NONE		5					6.0	Finish ContDef Comments: NONE, Finish ContDef Clock At: 05, Start ContDef Comments: NONE
	0.90	6.40	EL	NONE		7					5.5	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Start ContDef Comments: NONE
	1.50		EL	NONE		8					1.0	FOLLOWS DEFECT
	1.50		CL	PIPE		5					2.0	ENDS @ 06
	3.80		CCJ	PIPE		2	3				1.0	
	3.80		CLJ	PIPE		3					2.0	
	4.80		JN	NONE	150	10						LINE, EH IN JN
	4.80		EL	NONE		7	9				1.0	
	6.90		CC	PIPE		8	9				1.0	
	8.40		EL	NONE		6					1.0	
	9.10	13.80	EL	NONE		5					4.7	Finish ContDef Comments: NONE, Finish ContDef Clock At: 05, Start ContDef Comments: NONE
	9.10	14.20	EL	NONE		7					5.1	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Start ContDef Comments: NONE
	9.50		WL	NONE				10				
	10.80		CL	PIPE		1					2.0	BETWEEN ANCHOR BOLTS
	10.80		GO	NONE								
	10.90		CNI	NONE	150	3		10				LIVE
	12.10		WL	NONE				5				
	13.50		WL	NONE				10				
	14.50		CLJ	PIPE		9					2.0	ENDS @ 08
	15.30		ELJ	NONE		7					1.0	
	15.70		WL	NONE				5				
	17.10		JN	NONE	150	9						CAPPED
	17.20		CNI	NONE	150	3		20				LIVE
	18.70		JN	NONE	150	2						CAPPED
	19.10		ELJ	NONE		7					1.0	
	22.20		ELJ	NONE		5					1.0	
	23.70		FL	PIPE		4					15.0	
	23.70		CL	PIPE		5					2.0	ENDS @ 04
	27.10		WL	NONE				10				
	27.60		ELJ	NONE		7	8				1.0	
	28.00		CXI	NONE	150	10		20				LIVE, HAS ANCHOR BOLTS. CRACK IN ADAJACENT SEWER
	28.00		GO	NONE								
	28.00		GO	NONE								
	28.10		CL	PIPE		9					2.0	
	28.40		LL	NONE								
	29.80		WL	NONE				5				
	29.90		ELJ	NONE		7					1.0	
	30.70		FLJ	PIPE		11					15.0	
	31.00		CXI	NONE	150	9		80				LIVE, FRACTURE IN ADAJACENT SEWER
	31.00		GO	NONE								CAPPED
	31.80		JN	NONE	150	2						CAPPED
	32.50		JN	NONE	150	10						CAPPED
	33.00		ELJ	NONE		5	6				1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	34.00		WL	NONE					10			
	34.50		MC	NONE								TO PVC
	35.10		JN	NONE	200	3						
	35.70		MC	NONE								TO VC
	35.70		SSLJ	PIPE		8					15.0	
	37.10		CN	NONE	150	2						LIVE
	37.10		EL	NONE		3					1.0	
	37.70		EL	NONE		7	9				1.0	
	37.80		JN	NONE	150	10						
	38.00		SSS	PIPE		10					0.0	
	38.30		WL	NONE					5			
	38.30		FL	PIPE		6					15.0	ENDS @ 05
	38.30		FCJ	PIPE		2	4				8.0	
	38.30		CL	PIPE		1					2.0	
	38.40		CL	PIPE		8					2.0	
	38.40		CL	PIPE		10					2.0	
	38.70		JX	NONE	150	3						FRACTURE
	38.70		FL	PIPE		4					15.0	ENDS @ 05
	39.20		ELJ	NONE		6					1.0	
	39.90		ELJ	NONE		5					1.0	
	40.70		CCJ	PIPE		7	9				1.0	
	45.40		CNI	NONE	150	3				10		CAPPED
	45.40		EL	NONE		4					1.0	
	46.00		FCJ	PIPE		12	2				8.0	
	47.60		ELJ	NONE		6					1.0	
	47.60		ELJ	NONE		7					1.0	
	47.90		JN	NONE	150	2						CAPPED
	48.20		FL	PIPE		6					15.0	
	48.60		JN	NONE	150	9						CAPPED
	51.40		ELJ	NONE		6					1.0	
	52.20		ELJ	NONE		6					1.0	
	53.70		ELJ	NONE		6					1.0	
	53.70		ELJ	NONE		7					1.0	
	54.50		ELJ	NONE		5	7				1.0	
	56.10		ELJ	NONE		7					1.0	
	59.20		WL	NONE					10			
	60.30		CX	NONE	150	3						LIVE, CRACK IN
	60.30		GO	NONE								DAJACENT SEWER
	60.40		CL	PIPE		3					2.0	ENDS @ 04
	60.80		FC	PIPE		12	2				8.0	
	60.80		H	PIPE		9					60.0	BY CXI
	60.80		CXI	NONE	150	10				40		LIVE, HOLE &
	60.80		GO	NONE								BROKEN ADAJACENT
	60.80		GO	NONE								SEWER
	61.70		WL	NONE					5			
	62.40		JN	NONE	150	3						CAPPED
	63.10		JN	NONE	150	9						CAPPED
	64.50		LL	NONE								
	64.50		CCJ	PIPE		7	8				1.0	
	65.60		WL	NONE					10			
	66.10		ELJ	NONE		5					1.0	
	66.10		ELJ	NONE		7					1.0	
	67.50		ELJ	NONE		5					1.0	
	67.50		ELJ	NONE		7					1.0	
	68.40		ELJ	NONE		5					1.0	
	68.40		ELJ	NONE		7					1.0	
	68.40		RFJ	NONE							1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
68.90			WL	NONE					5			
69.10			RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
69.90			ELJ	NONE			5				1.0	
70.10			RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
71.10			RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
71.40			ELJ	NONE			5				1.0	
71.60			JN	NONE	150		9					RF IN JN
72.10			CL	PIPE			5				2.0	ENDS @ 04
72.20			B	PIPE			10	3			60.0	
72.20			FL	PIPE			9				15.0	
72.20			RFJ	NONE							1.0	Former Joint ContDef: 5, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
72.40			FL	PIPE			4				15.0	ENDS @ 03
72.40			FC	PIPE			2	7			8.0	
72.50			WL	NONE					10			
72.50			CXI	NONE	200		12			30		LIVE, ADAJACENT PIPE BROKEN
72.50			GO	NONE								
72.60			FM	PIPE			8	3			40.0	
72.90			FL	PIPE			12				15.0	
72.90			FLJ	PIPE			5				15.0	
72.90			FCJ	PIPE			7	12			8.0	
72.90			FL	PIPE			2				15.0	
72.90			FL	PIPE			3				15.0	
72.90			SSL	PIPE			8				15.0	
73.00			CCJ	PIPE			12	2			1.0	
73.00			CC	PIPE			2	3			1.0	
73.20			CXI	NONE	200		12			20		LIVE, FRACTURES IN ADAJACENT SEWER
73.20			GO	NONE								
73.30			FL	PIPE			12				15.0	
73.30			CL	PIPE			2				2.0	ENDS @ 03
73.40			CL	PIPE			8				2.0	ENDS @ 07
73.40			FL	PIPE			12				15.0	ENDS @ 01
73.50			CC	PIPE			8	11			1.0	
73.70			WL	NONE					5			
73.80			CLJ	PIPE			3				2.0	
73.80			CC	PIPE			10	11			1.0	
73.90			CCJ	PIPE			9	11			1.0	
73.90			CCJ	PIPE			2	5			1.0	
75.30			ELJ	NONE			6				1.0	
75.30			JN	NONE	150		2					LIVE
76.20			JN	NONE	150		9					
80.70			RFJ	NONE							1.0	
81.50			RFJ	NONE							1.0	
82.20			RFJ	NONE							1.0	
83.00			RFJ	NONE							1.0	
83.50			FL	PIPE			8				15.0	
83.60			FL	PIPE			9				15.0	ENDS @ 11
83.60			FC	PIPE			7	8			8.0	
83.80			FL	PIPE			10				15.0	ENDS @ 11
83.80			FL	PIPE			6				15.0	
84.50			FC	PIPE			6	11			8.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
	84.60		DC	NONE	375						
	85.50		MH	NONE							MH 22024
0591	85.51		FH	NONE							

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	119137	Work Status:	COMPLETED
Entity ID:	117	Contractor Name:	UJ-RICH/BILL
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60007126	Completed Date:	8/31/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	93.7
Added By:	SYSTEM	Asset Quantity:	93.7
Added Date:	9/30/2003 6:43:59 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1913	Work Quantity:	93.7
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	OAK ST(CL)		
Location Details:	4TH MH N OF KINGSWAY(CL)-MH @ ACADEMY RD		
Comments:	CD# 106-451		
Import No:	5209	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	375
Insp. Asset No:	117	Width (mm):	<Null>
Start Manhole No:	601	Material:	PVC-POLYVINYL CHLORIDE
Start Manhole Depth:	4.30	Lining:	<Null>
End Manhole No:	603	Pipe Length (m):	2.0
End Manhole Depth:	6.72	Total Length (m):	93.7
Insp. Time:	1349	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6127		
Structural Peak:	47.0	Asset SPG:	4
Structural Total:	267.2	Asset SPG By:	DMAGES
Structural Mean:	2.9	Asset SPG Date:	10/8/2004 3:29:25 PM
Structural Grade:	3	SPG Review By:	DMAGES
Service Peak:	4.0	SPG Review Date:	10/8/2004 3:29:25 PM
Service Total:	35.0	Rehab. Review By:	<Null>
Service Mean:	0.4	Rehab. Review Date:	<Null>
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
1400	0.00		ST	NONE								MH 601
	0.10		WL	NONE					5			
	7.10		D	PIPE					5		10.0	
	9.10		D	PIPE					5		10.0	
	9.30		JN	NONE	150		12					
	9.40		RMJ	NONE					20		2.0	
	9.90		RM	NONE					20		2.0	
	9.90		JN	NONE	150		11					LIVE, ROOTS IN JN
	11.30		D	PIPE					5		10.0	
	15.30		D	PIPE					5		10.0	
	17.30		OJL	PIPE							2.0	
	17.30		RTJ	NONE							2.0	
	19.50		D	PIPE					5		10.0	
	21.60		JN	NONE	150		2					
	22.50		JN	NONE	150		10					LIVE
	23.60		D	PIPE					5		10.0	
	25.60		MC	NONE								TO VC
	25.60	34.70	CL	PIPE			12				18.2	Finish ContDef Comments: NONE, Finish ContDef Clock At: 12, Start ContDef Comments: NONE
	26.50		CL	PIPE			9				2.0	
	26.70		CL	PIPE			4				2.0	
	26.90		FC	PIPE			4	6			8.0	
	26.90		FC	PIPE			7	8			8.0	
	27.40		FLJ	PIPE			9				15.0	
	27.50		FCJ	PIPE			8	12			8.0	
	28.30		D	PIPE					5		10.0	
	29.30		CL	PIPE			8				2.0	ENDS @ 07
	32.90		CL	PIPE			9				2.0	ENDS @ 10
	33.20		CL	PIPE			3				2.0	ENDS @ 04
	33.50		CL	PIPE			5				2.0	
	33.90		D	PIPE					5		10.0	
	33.90		SSMJ	PIPE			5				1.0	
	33.90		ELJ	NONE			5				1.0	
	33.90		ELJ	NONE			8	9			1.0	
	34.10		JX	NONE	150		1					BROKEN
	34.10		EL	NONE			3	5			1.0	
	34.20		CL	PIPE			5				2.0	
	34.20		EL	NONE			9	11			1.0	
	34.40		CL	PIPE			8				2.0	
	34.60		EL	NONE			12	3			1.0	
	34.80		JX	NONE	150		10					CRACK
	35.10		EL	NONE			10	12			1.0	
	36.90		FL	PIPE			11				15.0	ENDS @ 12
	36.90		CL	PIPE			11				2.0	
	36.90		FL	PIPE			8				15.0	ENDS @ 07
	36.90		FL	PIPE			2				15.0	
	37.20		JX	NONE	150		1					FRACTURED
	37.30		CC	PIPE			7	8			1.0	
	37.30		FL	PIPE			10				15.0	
	37.30		EL	NONE			10	11			1.0	
	37.50		EL	NONE			1	2			1.0	
	37.60		EL	NONE			12	4			1.0	
	37.90		JX	NONE	150		10					FRACTURED, DE IN JX
	37.90		FC	PIPE			12	1			8.0	
	41.90		ELJ	NONE			12	5			1.0	
	42.80		ELJ	NONE			12	5			1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	44.50		ELJ	NONE		7	12				1.0	
	46.30		ELJ	NONE		1	3				1.0	
	46.30		ELJ	NONE		8	10				1.0	
	46.70		JX	NONE	150	2						COLLAPSED
	46.70		GO	NONE								@ 1ST JOINT
	47.10		EL	NONE		7	10				1.0	
	47.20		JX	NONE	150	10						FRACTURED
	48.80		DEG	NONE		3			0		1.0	
	50.30		D	PIPE					5		10.0	
	51.20		D	PIPE					5		10.0	
	53.10		ELJ	NONE		9	12				1.0	
	55.60		DEG	NONE		5			5		1.0	
	58.00		EL	NONE		2	5				1.0	
	58.00		JN	NONE	150	2						
	58.50		JN	NONE	150	11						LIVE
	68.40		WL	NONE					10			
	70.00		ELJ	NONE		1	4				1.0	
	70.10		JN	NONE	150	2						CAPPED
	70.50		WL	NONE					5			
	70.60		ELJ	NONE		7	5				1.0	
	70.80		EM	NONE		7	11		5		2.0	
	70.80		JN	NONE	150	11						EH IN JN
	72.00		D	PIPE					5		10.0	
	75.40		EL	NONE		5					1.0	
	75.40		EL	NONE		7					1.0	
	76.80		EL	NONE		5					1.0	
	77.80		EL	NONE		7					1.0	
	82.50		JN	NONE	150	2						
	83.00		EL	NONE		9					1.0	
	83.10		JN	NONE	150	10						CAPPED
	84.30		LL	NONE								
	86.20		D	PIPE					5		10.0	
	89.80		ELJ	NONE		8					1.0	
	92.60		DC	NONE	450							
	92.60		GO	NONE								ROCK OR CONCRETE
	92.60		GO	NONE								@ JOINT
	93.70		MH	NONE								MH 603
1550	93.71		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	19076	Work Status:	COMPLETED
Entity ID:	18632	Contractor Name:	UJ-MIKE/BILL
GIS Table ID:	28	Contractor Job No:	711-2002
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA60012913	Completed Date:	7/4/2003
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	14.0
Added By:	SYSTEM	Asset Quantity:	85.0
Added Date:	7/4/2003	Invalid Offset Flag:	N
Asset Install Date:	1/1/1977	Work Quantity:	14.0
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	84	Est. Program Cost:	\$0.00
Program Name:	SEWER CLEANING&INSPECTION-CALROSSI	Actual Cost:	<Null>
QA/QC By:	EXOTIC KEBURN	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	PARKER AVE		
Location Details:	MH@WYNNEST-1STMHE.OFWYNNEST		
Comments:	CD #84-165		
Import No:	1764	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	600
Insp. Asset No:	18632	Width (mm):	<Null>
Start Manhole No:	18631	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	4.75	Lining:	<Null>
End Manhole No:	18633	Pipe Length (m):	0.7
End Manhole Depth:	5.50	Total Length (m):	85.0
Insp. Time:	0938	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	84048		
Structural Peak:	4.0	Asset SPG:	4
Structural Total:	8.0	Asset SPG By:	ADELAURI
Structural Mean:	0.6	Asset SPG Date:	7/4/2003
Structural Grade:	2	SPG Review By:	ADELAURI
Service Peak:	3.0	SPG Review Date:	9/9/2003
Service Total:	11.1	Rehab. Review By:	ADELAURI
Service Mean:	0.8	Rehab. Review Date:	9/9/2003
Service Grade:	1		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
00000	0.00		ST	NONE								MH 18631
	0.10		WL	NONE					5			
	0.40		CL	PIPE		2					2.0	ENDS@03
	0.40		CL	PIPE		9					2.0	
	1.70		CL	PIPE		4					2.0	ENDS@03
	4.40		ELJ	NONE		7					1.0	
	6.70	9.80	DEG	NONE		3	9	5			3.1	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	7.60		EL	NONE		4					1.0	
	10.60		ELJ	NONE		7					1.0	
	11.10		CN	NONE	150	12						LIVE
	11.10		CL	PIPE		7					2.0	
	11.10		EM	NONE		7	11	10			2.0	
	11.40		ELJ	NONE		8					1.0	
	13.60		CN	NONE	150	1						EHINCN
	13.60		EM	NONE		1		10			2.0	
	14.01		SA	NONE								EM
00410	14.02		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	19075	Work Status:	COMPLETED
Entity ID:	18632	Contractor Name:	UJ-MIKE/BILL
GIS Table ID:	28	Contractor Job No:	711-2002
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA60012913	Completed Date:	7/3/2003
Work Type ID:	8	Survey Direction:	UPSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	71.9
Added By:	SYSTEM	Asset Quantity:	85.0
Added Date:	7/3/2003	Invalid Offset Flag:	N
Asset Install Date:	1/1/1977	Work Quantity:	71.9
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	84	Est. Program Cost:	\$0.00
Program Name:	SEWER CLEANING&INSPECTION-CALROSSI	Actual Cost:	<Null>
QA/QC By:	ADDICHBURN	History Reason:	<Null>
QA/QC Date:	9/9/2003		
Street/Place Name:	PARKER AVE		
Location Details:	ISTMHE.OFWHNNEST-MH@WYNNEST		
Comments:	CD #84-165		
Import No:	1764	Shape:	C-CIRCULAR
Current Flag:	N	Height (mm):	620
Insp. Asset No:	18632	Width (mm):	<Null>
Start Manhole No:	18633	Material:	PVC-POLYVINYL CHLORIDE
Start Manhole Depth:	5.50	Lining:	<Null>
End Manhole No:	18631	Pipe Length (m):	0.9
End Manhole Depth:	4.75	Total Length (m):	85.0
Insp. Time:	0957	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	84048		
Structural Peak:	226.0	Asset SPG:	4
Structural Total:	235.0	Asset SPG By:	ADELAURI
Structural Mean:	3.3	Asset SPG Date:	7/4/2003
Structural Grade:	5	SPG Review By:	ADELAURI
Service Peak:	10.0	SPG Review Date:	9/9/2003
Service Total:	93.6	Rehab. Review By:	ADELAURI
Service Mean:	1.3	Rehab. Review Date:	9/9/2003
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
00410	0.00		ST	NONE								MH 18633
	0.10		WL	NONE					5			
	0.90		MC	NONE								TO VC
	1.90		JN	NONE	150	11						CAPPED
	2.20		B	PIPE		10	3				60.0	
	2.20		FL	PIPE		8					15.0	
	2.20		FL	PIPE		3					15.0	
	2.20		FL	PIPE		12					15.0	
	2.20		D	PIPE				10			30.0	
	2.20		FL	PIPE		10					15.0	
	2.20		FL	PIPE		6					15.0	
	2.30		CN	NONE	150	12						
	2.40		B	PIPE		8	10				60.0	
	2.60		CC	PIPE		7	8				1.0	
	4.40		CL	PIPE		2					2.0	
	4.40		CL	PIPE		11					2.0	
	4.40		CL	PIPE		8					2.0	
	5.10		ELJ	NONE		5	6				1.0	
	6.70		EMJ	NONE		7	5	10			2.0	
	7.40		ELJ	NONE		7	9				1.0	
	7.40		ELJ	NONE		1	5				1.0	
	7.90		CN	NONE	150	1						CAPPED
	7.90		EL	NONE		2	5				1.0	
	8.30		EL	NONE		4	5				1.0	
	8.80		EL	NONE		7	10				1.0	
	8.80		CN	NONE	150	11						
	9.10		ELJ	NONE		7	4				1.0	
	9.80		ELJ	NONE		7	5				1.0	
	10.60		ELJ	NONE		2					1.0	
	10.60		ELJ	NONE		7					1.0	
	10.60		ELJ	NONE		7					1.0	
	10.60		ELJ	NONE		5					1.0	
	12.40		OB	NONE				15			10.0	PIECEOFHOSEFROMEMJ
	13.00		ELJ	NONE		7	12				1.0	
	14.50		ELJ	NONE		7	5				1.0	
	15.30		EMJ	NONE		7	5	10			2.0	
	15.90		CN	NONE	150	1						CAPPED
	16.20		EMJ	NONE		12	5	5			2.0	
	16.20		ELJ	NONE		7	8				1.0	
	16.40		CN	NONE	150	11						CAPPED
	17.60		EMJ	NONE		4	6	10			2.0	
	18.70		EL	NONE		7	11				1.0	
	18.70		EL	NONE		3	5				1.0	
	18.80		EL	NONE		12	5				1.0	
	19.10		ELJ	NONE		5					1.0	
	19.90		ELJ	NONE		4	5				1.0	
	20.40		EL	NONE		10					1.0	
	21.50		ELJ	NONE		7	5				1.0	
	22.20		WL	NONE				10				
	22.50		CC	PIPE		9	12				1.0	
	23.10	26.50	DEG	NONE		3	9	5			3.4	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	23.10		LR	NONE								
	23.50		JN	NONE	150	1						CAPPED
	23.50		EL	NONE		1	4				1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	24.00		ELJ	NONE		9	5				1.0	
	24.00		LR	NONE								
	24.50		JN	NONE	150	11						CAPPED
	24.50		EL	NONE		9	10				1.0	
	24.70		ELJ	NONE		4	5				1.0	
	27.10	31.90	DEG	NONE		3	9	15			9.6	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	27.80		ELJ	NONE		7	8				1.0	
	30.60		JN	NONE	150	1						CAPPED
	31.00		ELJ	NONE		7	4				1.0	Former Joint ContDef: 3,
	31.90		ELJ	NONE		7	4				1.0	Former Joint ContDef: 3,
	32.20		CN	NONE	150	1						LIVE WITH EM
	32.20		EM	NONE		1	5	15			2.0	
	32.70		WL	NONE				5				
	32.80		ELJ	NONE		7	4				1.0	Former Joint ContDef: 3,
	33.70		ELJ	NONE		7	4				1.0	Former Joint ContDef: 3,
	34.60		ELJ	NONE		7	4				1.0	Former Joint ContDef: 3,
	35.50		ELJ	NONE		7	4				1.0	Former Joint ContDef: 3,
	35.60		WL	NONE				10				
	36.10		WL	NONE				15				
	36.40		ELJ	NONE		7	4				1.0	Former Joint ContDef: 3,
	37.70		CNI	NONE	150	1			100			LIVE
	37.80		ELJ	NONE		7	4				1.0	Former Joint ContDef: 3,
	38.40		SSS	PIPE		8	9				0.0	
	40.20		ELJ	NONE		12					1.0	
	41.80		LL	NONE								
	42.50		WL	NONE				10				
	45.70		LR	NONE								
	45.80		WL	NONE				5				
	46.00	56.60	DEG	NONE		3	9	0			10.6	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	48.90		ELJ	NONE		8	5				1.0	
	51.80		CL	PIPE		9					2.0	
	55.90		WL	NONE				10				
	58.20		ELJ	NONE		7	4				1.0	
	58.60		EL	NONE		1	3				1.0	
	59.00		EMJ	NONE		7	5	5			2.0	
	60.80		DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	61.00		JN	NONE	150	1						CAPPED
	61.60		JN	NONE	150	10						CAPPED
	62.40		EL	NONE		12	1				1.0	
	64.30		ELJ	NONE		12	4				1.0	
	66.60		DEG	NONE		3	9	0			1.0	Default Value 03 Applied To CLOCK_AT And 09 Applied To CLOCK_TO
	66.60		WL	NONE				5				
	66.90		EL	NONE		1	2				1.0	
	67.40		ELJ	NONE		5					1.0	
	68.90		JN	NONE	150	1						CAPPED
	68.90		EL	NONE		2	3				1.0	
	69.40		JN	NONE	150	11						CAPPED
	71.50		EM	NONE		11		10			2.0	
	71.91		SA	NONE								EM
01750	71.92		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID: 6239	Work Status: COMPLETED
Entity ID: 8913	Contractor Name: MIKE/JEPO
GIS Table ID: 28	Contractor Job No: 1386-99
Asset Type: SEWER	CWMS Work Order: <Null>
Asset Number: S-MA20012520	Completed Date: 4/24/2000
Work Type ID: 8	Survey Direction: DOWNSTREAM
Work Category: INSPECTION	Start Offset: 0.0
Work Name: CCTV INSPECTION / WRC CODING	End Offset: 82.2
Added By: SYSTEM	Asset Quantity: 82.4
Added Date: 4/24/2000	Invalid Offset Flag: N
Asset Install Date: 1/1/1914	Work Quantity: 82.2
Work Predates Asset: N	Est. Const. Cost: \$0.00
Program ID: 34	Est. Program Cost: \$0.00
Program Name: SEWER C&I - CONTRACT 2 - AUBREY	Actual Cost: <Null>
QA/QC By: <Null>	History Reason: <Null>
QA/QC Date: <Null>	
Street//Place Name: SMART ST	
Location Details: 1ST MH N LOGAN AV TO MH AT LOGAN AV	
Comments: SPG 4 TO 5 FROM A4 Re-Inspection Tape # 42018	
Import No: 374	Shape: C-CIRCULAR
Current Flag: N	Height (mm): 300
Insp. Asset No: 8913	Width (mm): <Null>
Start Manhole No: 8912	Material: VC-VITRIFIED CLAY
Start Manhole Depth: 3.90	Lining: <Null>
End Manhole No: 8861	Pipe Length (m): 0.9
End Manhole Depth: 4.61	Total Length (m): 82.4
Insp. Time: 2005	Purpose: F-CONDITION ASSESSMENT
Flow Type: <Null>	Weather: 1-DRY
Pre-Cleaned: Y-YES	Location Code: C-LIGHT ROAD/LANE
Tape/CD No: 34011	
Structural Peak: 86.0	Asset SPG: 4
Structural Total: 967.9	Asset SPG By: NCLINCH
Structural Mean: 11.8	Asset SPG Date: 1/18/2005 8:58:37 AM
Structural Grade: 3	SPG Review By: SMS
Service Peak: 10.0	SPG Review Date: 10/2/2003
Service Total: 51.0	Rehab. Review By: SMS
Service Mean: 0.6	Rehab. Review Date: 10/2/2003
Service Grade: 3	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
11430	0.00		ST	NONE								MH 8912
	0.01		WL	NONE					10			
	0.01		FLJ	PIPE		3					15.0	
	0.10		FCJ	PIPE		6	1				8.0	
	2.20		LL	NONE								
	2.60		JN	NONE	200	10						OB 40%
	2.60		EM	NONE		7	10	5			2.0	
	3.80		FCJ	PIPE		11	3				8.0	
	3.80		FLJ	PIPE		1					15.0	
	5.60		OB	NONE				5			10.0	
	10.30		FCJ	PIPE		11	1				8.0	
	10.30		FCJ	PIPE		7	11				8.0	
	10.70		JN	NONE	150	10						
	10.70		RM	NONE				20			2.0	IN JN PLUGGED
	11.20		JN	NONE	150	2						
	11.40		FCJ	PIPE		6	10				8.0	
	13.30		CL	PIPE		12					2.0	
	13.40		FC	PIPE		1	5				8.0	
	13.80		FC	PIPE		3	6				8.0	
	13.90		B	PIPE		2	9				60.0	
	13.90		FC	PIPE		9	2				8.0	
	14.40		JDM	PIPE							0.5	
	15.10		FCJ	PIPE		9	12				8.0	
	16.10		FMJ	PIPE		6	3				40.0	
	17.00		FCJ	PIPE		9	12				8.0	
	18.80		FCJ	PIPE		11	2				8.0	
	19.00		WL	NONE				20				
	19.30		JN	NONE	150	10						
	20.20		WL	NONE				10				
	25.70		FCJ	PIPE		1	4				8.0	
	26.50		FCJ	PIPE		9	2				8.0	
	27.00		FL	PIPE		9					15.0	
	27.00		JX	NONE	150	10						FC
	27.00		RT	NONE							2.0	THROUGH CN
	27.90		FL	PIPE		12					15.0	
	27.90		FCJ	PIPE		10	3				8.0	
	28.70		FCJ	PIPE		12	3				8.0	
	28.70		FLJ	PIPE		2					15.0	
	33.20		FCJ	PIPE		8	11				8.0	
	33.20		FCJ	PIPE		11	1				8.0	
	33.60		JN	NONE	200	10						
	33.80		FCJ	PIPE		12	2				8.0	
	33.80		FLJ	PIPE		1					15.0	
	34.30		JN	NONE	200	2						
	34.50		FCJ	PIPE		9	12				8.0	
	34.50		FCJ	PIPE		12	3				8.0	
	35.30		JDM	PIPE							0.5	
	35.30		FCJ	PIPE		10	1				8.0	
	35.30		FL	PIPE		11					15.0	
	35.70		JN	NONE	200	10						
	36.00		FCJ	PIPE		8	2				8.0	
	36.70		CCJ	PIPE		12	6				1.0	
	38.50		B	PIPE		9					60.0	
	38.80		CX	NONE	250	10						CHIPPED
	39.70		RMJ	NONE				5			1.0	
	39.70		FCJ	PIPE		9	3				8.0	
	39.70		FLJ	PIPE		1					15.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
40.50			FCJ	PIPE		9	12				8.0	
40.50			RFJ	NONE							1.0	
40.80			JN	NONE	150	2						
41.20			CCJ	PIPE		3	9				1.0	
41.20			CCJ	PIPE		9	2				1.0	
41.90			RMJ	NONE					5		1.0	
41.90			FL	PIPE		12					15.0	
42.80			FCJ	PIPE		10	12				8.0	
43.70			FCJ	PIPE		1	3				8.0	
43.70			RFJ	NONE							1.0	
44.60			FL	PIPE		8					15.0	WANDERED AT 09
45.50			FCJ	PIPE		11	12				8.0	
45.50			RFJ	NONE							1.0	
45.50			FL	PIPE		9					15.0	
45.80			FL	PIPE		12					15.0	
46.50			RMJ	NONE					10		2.0	
47.40			CCJ	PIPE		11	1				1.0	
48.30			RFJ	NONE							1.0	
48.70			JN	NONE	150	10						PLUGGED
48.70			RT	NONE							2.0	THROUGH CN
48.90	50.80		FL	PIPE		12					28.5	
49.80			SSL	PIPE		3					15.0	
49.90			FCJ	PIPE		12	1				8.0	
50.80			RFJ	NONE							1.0	
50.80			FCJ	PIPE		1	3				8.0	
51.70			RMJ	NONE					10		2.0	Former Joint ContDef: 2,
52.60			RMJ	NONE					10		2.0	Former Joint ContDef: 2,
53.50			FLJ	PIPE		9					15.0	
53.50			RMJ	NONE					10		2.0	Former Joint ContDef: 2,
54.40			RMJ	NONE					10		2.0	Former Joint ContDef: 2,
55.40			RMJ	NONE					10		2.0	Former Joint ContDef: 2,
55.70			JN	NONE	150	10						PLUGGED
56.00			FL	PIPE		11					15.0	
56.00			FCJ	PIPE		10	1				8.0	
56.00			CCJ	PIPE		1	3				1.0	
56.00			RFJ	NONE							1.0	
56.90			FCJ	PIPE		11	1				8.0	
56.90			RMJ	NONE					5		1.0	Former Joint ContDef: 3,
58.70			FCJ	PIPE		12	1				8.0	
58.70			RMJ	NONE					5		1.0	Former Joint ContDef: 3,
59.70			FLJ	PIPE		8					15.0	
60.60			RMJ	NONE					5		1.0	
60.60			FCJ	PIPE		10	11				8.0	
60.70			FL	PIPE		11					15.0	
60.80			FL	PIPE		3					15.0	
60.80			FC	PIPE		11	2				8.0	
60.80			FC	PIPE		4	6				8.0	
61.20			RT	NONE							2.0	THROUGH FL
61.50	64.70		FL	PIPE		1					48.0	WANDERED AT 12
61.50			RFJ	NONE							1.0	
62.20			FL	PIPE		10					15.0	WANDERED AT 09
62.20			FCJ	PIPE		11	12				8.0	
63.00			WL	NONE					20			
63.20			FL	PIPE		9					15.0	WANDERED AT 08
63.20			RMJ	NONE					5		1.0	
63.70			JN	NONE	150	11						
63.70			RM	NONE					10		2.0	IN JN

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	63.80		D	PIPE					5		10.0	
	63.80	65.50	CL	PIPE			2				3.4	WANDERED AT 03
	64.70		FL	PIPE			11				15.0	
	65.50		FL	PIPE			12				15.0	
	66.50		RMJ	NONE					5		1.0	
	67.40		RFJ	NONE							1.0	
	68.00		WL	NONE					5			
	69.10		LU	NONE								
	69.10		RFJ	NONE							1.0	
	70.20		JN	NONE	150		10					PLUGGED
	70.90		JN	NONE	150		2					PLUGGED
	72.60		LR	NONE								
	73.40		RFJ	NONE							1.0	
	78.30		FLJ	PIPE			1				15.0	
	80.10		FCJ	PIPE			9	12			8.0	
	80.10		FLJ	PIPE			11				15.0	
	81.20		FCJ	PIPE			5	8			8.0	
	81.20		FL	PIPE			3				15.0	
	81.20		FC	PIPE			1	3			8.0	
	81.20		FL	PIPE			12				15.0	
	81.30		FC	PIPE			8	10			8.0	
	82.10		MH	NONE								MH 8861
13610	82.22		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	128768	Work Status:	COMPLETED
Entity ID:	23824	Contractor Name:	MH/JEPO
GIS Table ID:	28	Contractor Job No:	503-2003
Asset Type:	SEWER	CWMS Work Order:	107
Asset Number:	S-MA20009927	Completed Date:	10/4/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	100.2
Added By:	RTOUPIN	Asset Quantity:	99.9
Added Date:	10/29/2004 11:40:52 AM	Invalid Offset Flag:	N
Asset Install Date:	4/16/1913	Work Quantity:	100.2
Work Predates Asset:	N	Est. Const. Cost:	<Null>
Program ID:	107	Est. Program Cost:	<Null>
Program Name:	Sewer C & I - Clifton	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	STRATHCONA ST		
Location Details:	3RD MH N ELLICE AVE TO MH AT SARGENT AVE		
Comments:	CD #229		
Import No:	5319	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	375
Insp. Asset No:	23824	Width (mm):	<Null>
Start Manhole No:	23823	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	4.65	Lining:	<Null>
End Manhole No:	23667	Pipe Length (m):	0.8
End Manhole Depth:	5.35	Total Length (m):	99.9
Insp. Time:	1030	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J7074	Asset SPG:	5
Structural Peak:	150.0	Asset SPG By:	RTOUPIN
Structural Total:	396.0	Asset SPG Date:	11/4/2004 9:17:07 AM
Structural Mean:	4.0	SPG Review By:	RTOUPIN
Structural Grade:	5	SPG Review Date:	11/4/2004 9:17:07 AM
Service Peak:	10.0	Rehab. Review By:	<Null>
Service Total:	27.0	Rehab. Review Date:	<Null>
Service Mean:	0.3		
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
0332	0.00		ST	NONE								MH 23823
	0.10		WL	NONE					5			
	0.20		SSMJ	PIPE		8	4				5.0	
	0.20		CC	PIPE		11	4				1.0	
	0.20		CL	PIPE		3					2.0	
	0.20		CL	PIPE		8					2.0	
	1.60	5.40	CL	PIPE		12					7.6	Finish ContDef Comments: NONE, Finish ContDef Clock At: 12, Start ContDef Comments: NONE
	2.40		D	PIPE					5		10.0	
	2.40		CL	PIPE		6					2.0	ENDED AT 07
	3.10		CCJ	PIPE		6	9				1.0	
	3.10		RFJ	NONE							1.0	
	3.10	7.30	CL	PIPE		9					8.4	Finish ContDef Comments: NONE, Finish ContDef Clock At: 09, Start ContDef Comments: NONE
	4.00		RFJ	NONE							1.0	
	4.40		JN	NONE	150	11						LIVE
	4.80		CCJ	PIPE		10	11				1.0	
	4.80		CC	PIPE		1	6				1.0	
	4.80		CL	PIPE		3					2.0	
	4.80	7.30	D	PIPE					5		25.0	Finish ContDef Comments: NONE, Finish ContDef Intrusion: 00, Start ContDef Comments: NONE
	5.10		JX	NONE	150	1						FRACTURED
	5.40		FL	PIPE		3					15.0	
	6.40		CL	PIPE		2					2.0	
	6.40		CCJ	PIPE		9	12				1.0	
	7.30		CCJ	PIPE		3	4				1.0	
	7.30		CLJ	PIPE		9					2.0	
	8.20		CCJ	PIPE		10	11				1.0	
	12.20		JN	NONE	150	11						
	13.00		JN	NONE	150	1						
	20.00		JN	NONE	150	11						CAPPED
	20.70		EM	NONE		1		10			2.0	
	20.80		JN	NONE	150	1						CAPPED
	28.00		JN	NONE	150	11						
	28.60		JN	NONE	150	2						LIVE
	31.80		LL	NONE								
	35.60		JN	NONE	150	11						CAPPED
	36.30		JN	NONE	150	1						LIVE
	36.60		LR	NONE								
	37.60		OB	NONE					5		10.0	STEEL PIPE AT BPTTOM
	38.60		D	PIPE					5		10.0	
	38.60		FL	PIPE		12					15.0	
	38.60		RFJ	NONE							1.0	
	38.60		CCJ	PIPE		9	11				1.0	
	38.60		CLJ	PIPE		3					2.0	
	39.40		FC	PIPE		9	12				8.0	
	39.40		RM	NONE					20		2.0	
	39.40		FL	PIPE		4					15.0	
	39.40		FCJ	PIPE		4	6				8.0	
	39.40		FL	PIPE		11					15.0	
	39.90		FC	PIPE		12	10				8.0	
	39.90		JX	NONE	150	11						FRACTURED
	40.20		B	PIPE		11	6				60.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	40.20		D	PIPE					20		90.0	
	40.50		JX	NONE	250	2						FRACTURED
	43.00		JN	NONE	150	11						LIVE
	43.70		JN	NONE	150	1						CAPPED
	47.60		SSMJ	PIPE		12					1.0	
	50.60		JN	NONE	150	11						LIVE
	51.20		JN	NONE	150	1						LIVE
	56.20		LR	NONE								
	58.40		CNI	NONE	200	10				30		
	58.70		CCJ	PIPE		1	2				1.0	
	58.80		DEG	NONE					5		1.0	
	59.00		JN	NONE	150	1						CAPPED
	59.00		CL	PIPE		12					2.0	ENDED AT 11
	59.30		CLJ	PIPE		3					2.0	
	59.30		CLJ	PIPE		1					2.0	
	59.50		H	PIPE		12	1				60.0	
	59.60		CX	NONE	150	1						CRACKED
	66.20		JN	NONE	150	11						LIVE
	66.80		JN	NONE	150	1						LIVE
	69.00		ELJ	NONE		9	12				1.0	
	69.80		ELJ	NONE		2	4				1.0	
	72.00		WL	NONE					10			FLUSHING
	72.70		ELJ	NONE		7	10				1.0	
	74.60		JN	NONE	150	1						CAPPED
	74.80		JN	NONE	150	11						
	76.80		LL	NONE								
	76.80		WL	NONE					5			
	78.60		LR	NONE								
	79.40		ELJ	NONE		9	10				1.0	
	83.20		ELJ	NONE		9	10				1.0	
	83.20		ELJ	NONE		1	3				1.0	
	87.30		JN	NONE	150	11						LIVE
	88.00		JN	NONE	150	1						
	93.00		ELJ	NONE		11	12				1.0	
	93.00		CCJ	PIPE		1	3				1.0	
	93.00		CL	PIPE		3					2.0	
	93.00		CL	PIPE		9					2.0	
	93.40		CXI	NONE	200	9				60		CRACKED; LIVE
	93.50		CC	PIPE		6	9				1.0	
	95.80		LL	NONE								
	97.60		LR	NONE								
	100.00		DEJ	NONE					10		2.0	
	100.20		MH	NONE								23667
1160	100.21		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	25578	Work Status:	COMPLETED
Entity ID:	22106	Contractor Name:	UJ-RICH/ERIN
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	<Null>
Asset Number:	S-MA60008452	Completed Date:	6/9/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	91.8
Added By:	SYSTEM	Asset Quantity:	91.9
Added Date:	6/9/2004	Invalid Offset Flag:	N
Asset Install Date:	1/1/1948	Work Quantity:	91.8
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	AKRISHKA	History Reason:	<Null>
QA/QC Date:	7/5/2004 2:27:01 PM		
Street//Place Name:	WATERLOO ST		
Location Details:	3RDMHNOFCORYDONAVE-4THMHNOCORYDONAVE		
Comments:	CD #106-242		
Import No:	2302	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	450
Insp. Asset No:	22106	Width (mm):	<Null>
Start Manhole No:	22105	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	5.40	Lining:	<Null>
End Manhole No:	643	Pipe Length (m):	0.8
End Manhole Depth:	6.20	Total Length (m):	91.9
Insp. Time:	1535	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6067	Asset SPG:	4
Structural Peak:	194.0	Asset SPG By:	DMAGES
Structural Total:	954.4	Asset SPG Date:	6/23/2004 1:26:03 PM
Structural Mean:	10.4	SPG Review By:	DMAGES
Structural Grade:	5	SPG Review Date:	6/23/2004 1:26:03 PM
Service Peak:	5.0	Rehab. Review By:	<Null>
Service Total:	163.3	Rehab. Review Date:	<Null>
Service Mean:	1.8		
Service Grade:	2		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
00000	0.00		ST	NONE								MH 22105
	0.10		WL	NONE					5			
	0.20		DE	NONE					5		1.0	
	1.90		WL	NONE					10			
	2.30		JN	NONE	150		1					LIVE
	2.30		RF	NONE							1.0	
	2.30		DE	NONE					10		2.0	BROKENJNPIECEHANGING
	2.90		JN	NONE	150		11					CAPPED
	2.90		RF	NONE							1.0	
	3.10		LR	NONE								
	3.20		RFJ	NONE							1.0	
	4.00		RF	NONE							1.0	
	4.20		RFJ	NONE							1.0	
	4.30		EL	NONE			2				1.0	
	4.30		CNI	NONE	150		1			25		
	4.70		LL	NONE								
	4.80		RFJ	NONE							1.0	
	5.50		RFJ	NONE							1.0	
	6.30		RF	NONE							1.0	
	7.00		RFJ	NONE							1.0	
	7.80		CC	PIPE			3	5			1.0	
	7.80		WL	NONE					15			
	9.30		WL	NONE					5			
	10.80		LR	NONE								
	12.40		RF	NONE							1.0	
	13.90		RFJ	NONE							1.0	
	13.90		LL	NONE								
	14.30		JN	NONE	150		1					CAPPED
	14.60		RFJ	NONE							1.0	
	15.00		JN	NONE	150		12					
	15.50		SSMJ	PIPE			4	5			1.0	
	15.50		RFJ	NONE							1.0	
	15.90		CNI	NONE	150		11			100		
	15.90		RM	NONE					20		2.0	
	16.30		RF	NONE							1.0	
	16.50	33.40	DEG	NONE			4	5	0		16.9	
	16.60	33.40	DEG	NONE			7	8	0		16.8	
	17.10		DEG	NONE			5		0		1.0	
	20.70		WL	NONE					10			
	21.60		RFJ	NONE							1.0	
	22.50		ELJ	NONE			7				1.0	
	22.50		RFJ	NONE							1.0	
	24.70		OJM	PIPE							0.5	
	24.70		ELJ	NONE			5				1.0	
	25.50		WL	NONE					5			
	25.50		DEJ	NONE					5		1.0	
	25.50		CL	PIPE			3				2.0	
	25.50		CL	PIPE			6				2.0	ENDS @ 03
	26.10		JN	NONE	150		2					
	26.10		RF	NONE							1.0	FROM CNI
	26.20		CLJ	PIPE			1				2.0	
	26.20		CCJ	PIPE			2	3			1.0	
	26.40		RFJ	NONE							1.0	
	26.40		CL	PIPE			7				2.0	
	26.40		CC	PIPE			12	1			1.0	
	26.40		CL	PIPE			1				2.0	ENDS @ 12
	26.40		CNI	NONE	150		1			25		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	26.40		CC	PIPE		7	10				1.0	
	26.70		JN	NONE	150	11						
	26.70		CL	PIPE		10					2.0	
	27.20		B	PIPE		10					60.0	
	27.60		FC	PIPE		8	10				8.0	
	27.60		CL	PIPE		8					2.0	
	27.60		CL	PIPE		9					2.0	
	27.60		CL	PIPE		11					2.0	
	27.60		CXI	NONE	150	11				100		
	28.80		SSMJ	PIPE		3					1.0	
	29.40		WL	NONE					5			
	29.50		EL	NONE		8					1.0	
	31.20		WL	NONE					10			
	32.50		CCJ	PIPE		9	10				1.0	
	32.80		WL	NONE					20			
	33.60		JN	NONE	150	1						LIVE
	34.30		RF	NONE							1.0	FROM JN
	34.30		JN	NONE	150	10						
	34.30		EL	NONE		7	10				1.0	
	34.80		CCJ	PIPE		9	11				1.0	
	35.20		WL	NONE					10			
	35.60		LR	NONE								
	36.10		SSS	PIPE		10	11				0.0	
	36.30		WL	NONE					5			
	37.10		SSMJ	PIPE		3					1.0	
	37.10		LR	NONE								
	37.90		CCJ	PIPE		8	3				1.0	
	38.20		JN	NONE	150	1						CAPPED
	39.20		JN	NONE	150	11						CAPPED
	39.40		CCJ	PIPE		1	3				1.0	
	39.80		JN	NONE	150	11						
	40.60		JN	NONE	150	1						
	41.40	50.40	DEG	NONE		4	5	0			9.0	
	41.40	50.40	DEG	NONE		7	8	0			9.0	
	41.90		WL	NONE					10			
	44.80		CCJ	PIPE		9	1				1.0	
	44.80		CLJ	PIPE		12					2.0	
	44.80		SSMJ	PIPE		3	4				1.0	CHIPPED
	45.70		CCJ	PIPE		12	1				1.0	
	46.30		CCJ	PIPE		9	2				1.0	
	46.30		ELJ	NONE		4					1.0	
	46.30		LL	NONE								
	47.20		RFJ	NONE							1.0	
	49.20		SSMJ	PIPE		2	3				1.0	
	50.10		LR	NONE								
	51.00		RFJ	NONE							1.0	
	51.20		DEG	NONE		7		0			1.0	
	51.40		JN	NONE	150	1						
	51.80		RFJ	NONE							1.0	
	51.80		CCJ	PIPE		1	3				1.0	
	52.20		JN	NONE	150	11						
	52.80		RFJ	NONE							1.0	
	53.40		LR	NONE								
	53.40	68.20	DEG	NONE		7		0			14.8	
	53.40	68.20	DEG	NONE		5		0			14.8	
	54.00		CCJ	PIPE		9	12				1.0	
	54.00		SSMJ	PIPE		10					1.0	CHIPPED

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	57.20		RF	NONE							1.0	
	57.20		LL	NONE								
	57.20		WL	NONE					5			
	58.00		RF	NONE							1.0	
	59.60		LR	NONE								
	60.40		WL	NONE					10			
	61.00		RF	NONE							1.0	
	62.00		RFJ	NONE							1.0	
	62.60		WL	NONE					5			
	62.70		RFJ	NONE							1.0	
	63.10		JN	NONE	150		1					LIVE
	63.50		RFJ	NONE							1.0	
	63.90		RF	NONE							1.0	FROM JN
	63.90		JN	NONE	150		11					LIVE
	64.30		RFJ	NONE							1.0	
	64.30		WL	NONE					10			
	65.90		RFJ	NONE							1.0	
	66.60		RF	NONE							1.0	
	67.00		WL	NONE					5			
	68.90		RF	NONE							1.0	
	69.50		RF	NONE							1.0	
	70.40		RFJ	NONE							1.0	
	70.40		DEG	NONE			7	8	0		1.0	
	71.50		SSM	PIPE			9				1.0	
	71.60		WL	NONE					10			
	73.00		SSM	PIPE			2				1.0	
	73.40		WL	NONE					5			
	73.40		RF	NONE							1.0	
	73.40		SSMJ	PIPE			11				1.0	CHIPPED
	73.90		SSM	PIPE			4				1.0	
	74.30		RF	NONE							1.0	
	75.00		WL	NONE					10			
	75.00		RF	NONE							1.0	
	75.30		RM	NONE					10		2.0	
	75.50		JN	NONE	150		1					
	75.80		RFJ	NONE							1.0	
	76.30		JN	NONE	150		11					CAPPED
	76.30		RM	NONE					10		2.0	
	76.60		CL	PIPE			3				2.0	
	76.60		RFJ	NONE							1.0	
	76.60		CL	PIPE			10				2.0	
	77.40		RF	NONE							1.0	
	77.40		CL	PIPE			8				2.0	
	77.60		RFJ	NONE							1.0	
	78.30		RF	NONE							1.0	
	78.30		CL	PIPE			10				2.0	
	78.90		LR	NONE								
	78.90		RF	NONE							1.0	
	79.60	82.60	RF	NONE							3.0	
	79.60		WL	NONE					5			
	79.60		LR	NONE								
	80.60		DEG	NONE			7	9	0		1.0	
	81.80		WL	NONE					10			
	83.50		RFJ	NONE							1.0	
	83.50		CC	PIPE			3	4			1.0	
	83.50		CCJ	PIPE			9	10			1.0	
	83.50		CL	PIPE			12				2.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	83.50		CCJ	PIPE		12		1			1.0	
	83.50		SSMJ	PIPE		1					1.0	
	83.50		CL	PIPE		9					2.0	
	84.30	86.70	FL	PIPE		12					36.0	DEFECT WANDERS
	84.30	87.50	FL	PIPE		9					48.0	DEFECT WANDERS
	84.30	86.70	FL	PIPE		3					36.0	DEFECT WANDERS
	84.30		RF	NONE							1.0	
	85.10		FL	PIPE		6					15.0	DEFECT WANDERS
	85.10		FC	PIPE		4		6			8.0	
	85.10		CCJ	PIPE		12		2			1.0	
	85.50		CL	PIPE		4					2.0	ENDS @02
	85.80		RF	NONE							1.0	
	85.80		FC	PIPE		9		11			8.0	
	86.40		SSM	PIPE		8		9			1.0	
	86.50		B	PIPE		11					60.0	
	86.70		RMJ	NONE					20		2.0	
	86.70		B	PIPE		1					60.0	
	86.90		CC	PIPE		9		1			1.0	
	87.10		CC	PIPE		9		12			1.0	
	87.10		CX	NONE	150	1						
	87.10		FL	PIPE		2					15.0	
	87.50		FLJ	PIPE		7					15.0	
	87.50		RMJ	NONE					40		5.0	
	87.50		FCJ	PIPE		7		8			8.0	
	87.50		FLJ	PIPE		7					15.0	
	87.60		FC	PIPE		6		8			8.0	
	87.60		JX	NONE	150	1						
	87.60		B	PIPE		7		8			60.0	
	88.00		JX	NONE	150	11						
	88.00	90.40	FL	PIPE		9					36.0	DEFECT WANDERS
	88.20	90.40	FL	PIPE		3					33.0	DEFECT WANDERS
	88.40		FL	PIPE		4					15.0	ENDS @ 02
	88.40	90.40	FL	PIPE		12					30.0	DEFECT WANDERS
	88.80		FC	PIPE		12		1			8.0	
	89.00		RF	NONE							1.0	
	89.10		CL	PIPE		5					2.0	
	89.50		B	PIPE		4		6			60.0	ENDS @ 04
	89.60		B	PIPE		11					60.0	
	89.60		RF	NONE							1.0	
	89.60		FCJ	PIPE		9		1			8.0	
	89.90		SSM	PIPE		9					1.0	
	90.10		B	PIPE		6					60.0	
	90.40		FCJ	PIPE		9		10			8.0	
	90.40		RF	NONE							1.0	
	90.40		FM	PIPE		12		3			40.0	
	90.50		BJ	PIPE		5		6			60.0	
	90.70		FC	PIPE		12		6			8.0	
	91.30		EL	NONE		8		12			1.0	
	91.80		MH	NONE								MH 643
01710	91.82		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	119337	Work Status:	COMPLETED
Entity ID:	22129	Contractor Name:	UJ-RICH/LISA
GIS Table ID:	28	Contractor Job No:	502-2003
Asset Type:	SEWER	CWMS Work Order:	106
Asset Number:	S-MA60008429	Completed Date:	6/22/2004
Work Type ID:	8	Survey Direction:	DOWNSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	96.8
Added By:	SYSTEM	Asset Quantity:	96.9
Added Date:	9/30/2003 7:15:40 PM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1948	Work Quantity:	96.8
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	106	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i-contract 3 - Ash Csd	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street//Place Name:	WAVERLEY ST		
Location Details:	MH @ CORYDON AV - 1ST MH N OF CORYDON AV		
Comments:	CD #106-294		
Import No:	5026	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	22129	Width (mm):	<Null>
Start Manhole No:	21912	Material:	VC-VITRIFIED CLAY
Start Manhole Depth:	3.26	Lining:	<Null>
End Manhole No:	22130	Pipe Length (m):	0.8
End Manhole Depth:	3.90	Total Length (m):	96.9
Insp. Time:	1219	Purpose:	F-CONDITION ASSESSMENT
Flow Type:	<Null>	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	C-LIGHT ROAD/LANE
Tape/CD No:	J6081	Asset SPG:	4
Structural Peak:	182.0	Asset SPG By:	ETOUPIN
Structural Total:	846.0	Asset SPG Date:	7/26/2004 11:34:36 AM
Structural Mean:	8.7	SPG Review By:	ETOUPIN
Structural Grade:	5	SPG Review Date:	7/26/2004 11:34:36 AM
Service Peak:	5.0	Rehab. Review By:	<Null>
Service Total:	240.0	Rehab. Review Date:	<Null>
Service Mean:	2.5		
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock At	Clock To	Intr-%	Intr-mm	Score	Comments
0375	0.00		ST	NONE							MH #21912
	0.10		WL	NONE				5			
	0.10	96.60	EL	NONE		4	5			96.5	Finish ContDef Comments: NONE, Finish ContDef Clock At: 04, Finish ContDef Clock To: 05, Start ContDef Comments: NONE
	0.10	96.60	EL	NONE		7	8			96.5	Finish ContDef Comments: NONE, Finish ContDef Clock At: 07, Finish ContDef Clock To: 08, Start ContDef Comments: NONE
	1.00		FCJ	PIPE		6	8			8.0	
	1.00		SSL	PIPE		5	7			20.0	LARGECHIPINPIPE
	1.50		ELJ	NONE		3	6			1.0	
	2.70		CCJ	PIPE		8	9			1.0	
	8.10		CCJ	PIPE		10	12			1.0	
	9.00		ELJ	NONE		3	4			1.0	
	10.60		ELJ	NONE		5	7			1.0	
	11.30		CCJ	PIPE		8	10			1.0	
	12.10		CCJ	PIPE		1	3			1.0	
	13.70		ELJ	NONE		4	8			1.0	
	14.40		CCJ	PIPE		8	10			1.0	
	15.50		JN	NONE	150	2					
	15.50		CC	PIPE		3	4			1.0	
	16.10		EM	NONE		5	7	5		2.0	
	17.10		EM	NONE		5	7	5		2.0	
	18.10		EM	NONE		5	7	5		2.0	
	19.20		CCJ	PIPE		10	11			1.0	
	19.90		CCJ	PIPE		8	12			1.0	
	20.70		CCJ	PIPE		5	7			1.0	
	21.20		CNI	NONE	150	10			50		LIVE,RF
	21.50		CCJ	PIPE		6	12			1.0	
	21.50		RFJ	NONE						1.0	
	23.80		CCJ	PIPE		9	11			1.0	
	25.10		CL	PIPE		9				2.0	
	25.70		JN	NONE	150	2					CAPPED
	26.20		SSMJ	PIPE		9	10			1.0	
	26.20		ELJ	NONE		9	10			1.0	
	27.30		JN	NONE	150	10					
	28.20		CN	NONE	150	2					LIVE
	32.50		ELJ	NONE		2	3			1.0	
	36.40		ELJ	NONE		3	5			1.0	
	39.50		ELJ	NONE		3	5			1.0	
	40.30		ELJ	NONE		3	5			1.0	
	41.10		MC	NONE							TO CO
	41.40		CN	NONE	150	2					
	42.00		MC	NONE							TO VC
	42.00		CCJ	PIPE		11	2			1.0	
	43.60		MC	NONE							TO CO
	43.80		CC	PIPE		3	5			1.0	
	43.90		JN	NONE	150	10					
	44.50		MC	NONE							TO VC
	44.50		ELJ	NONE		6	9			1.0	
	44.50		ELJ	NONE		3	5			1.0	
	45.40		CCJ	PIPE		3	5			1.0	
	46.10		CCJ	PIPE		1	5			1.0	
	49.30		RFJ	NONE						1.0	
	50.00		RFJ	NONE						1.0	
	50.20		RM	NONE				5		1.0	
	50.20		CNI	NONE	150	2			25		RM

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	52.30		CCJ	PIPE		8	10				1.0	
	53.10		RFJ	NONE							1.0	
	53.10		CCJ	PIPE		3	4				1.0	
	53.10		CLJ	PIPE		1					2.0	
	53.90		CCJ	PIPE		1	5				1.0	
	56.30		RFJ	NONE							1.0	
	56.30		ELJ	NONE		6	7				1.0	
	56.30		CCJ	PIPE		3	7				1.0	
	57.60		CLJ	PIPE		3					2.0	
	57.90		CCJ	PIPE		10	3				1.0	
	58.30		JN	NONE	150	2						
	58.60		ELJ	NONE		3	5				1.0	
	58.60		ELJ	NONE		7	8				1.0	
	59.00		JN	NONE	150	10						
	59.40		MC	NONE								TO CO
	59.40		FCJ	PIPE		3	5				8.0	
	59.40		FCJ	PIPE		7	9				8.0	
	59.60		CC	PIPE		7	5				1.0	
	59.70		JN	NONE	150	2						RF
	60.30		CL	PIPE		12					2.0	
	60.30		CL	PIPE		6					2.0	
	60.40		CC	PIPE		7	5				1.0	
	60.70		JN	NONE	150	10						
	61.20		MC	NONE								TO VC
	62.00		CCJ	PIPE		8	10				1.0	
	62.00		FCJ	PIPE		3	7				8.0	
	62.80		CCJ	PIPE		8	11				1.0	
	63.60		CCJ	PIPE		8	9				1.0	
	65.20		CCJ	PIPE		8	9				1.0	
	65.90		FCJ	PIPE		4	8				8.0	
	65.90		FCJ	PIPE		11	1				8.0	
	66.00	70.80	FL	PIPE		12					72.0	Finish ContDef Comments: NONE, Finish ContDef Clock At: 12, Start ContDef Comments: NONE
	66.00		CL	PIPE		3					2.0	
	66.00		CL	PIPE		9					2.0	
	66.00	70.80	FL	PIPE		6					72.0	Finish ContDef Comments: NONE, Finish ContDef Clock At: 06, Start ContDef Comments: NONE
	66.70	70.80	FL	PIPE		9					61.5	Finish ContDef Comments: NONE, Finish ContDef Clock At: 09, Start ContDef Comments: NONE
	66.70	70.80	FL	PIPE		3					61.5	Finish ContDef Comments: NONE, Finish ContDef Clock At: 03, Start ContDef Comments: NONE
	66.70		CCJ	PIPE		10	3				1.0	
	66.70		FLJ	PIPE		5					15.0	
	67.00		RFJ	NONE							1.0	
	67.50		RFJ	NONE							1.0	
	67.90		CC	PIPE		9	12				1.0	
	68.00		CL	PIPE		8					2.0	
	68.30		B	PIPE		5	6				60.0	
	68.90		B	PIPE		11	12				60.0	
	69.70		RM	NONE				10			2.0	
	69.80		CNI	NONE	150	1				50		
	69.90		FCJ	PIPE		6	12				8.0	
	70.50		CC	PIPE		9	12				1.0	
	70.70		RFJ	NONE							1.0	

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	70.80		CM	PIPE		6	6				5.0	
	71.50		RFJ	NONE							1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	71.80		CM	PIPE		6	6				5.0	
	72.50		RFJ	NONE							1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	73.30		CC	PIPE		9	3				1.0	
	73.80		CCJ	PIPE		5	7				1.0	
	73.90		RFJ	NONE							1.0	Former Joint ContDef: 7, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	74.60		CCJ	PIPE		5	7				1.0	
	74.60		CLJ	PIPE		10					2.0	02
	74.60		CLJ	PIPE		12					2.0	
	76.30		WL	NONE					10			
	77.00		MC	NONE								TO CO
	77.40		JN	NONE	150	10						LIVE,RF
	77.90		SSMJ	PIPE		2	3				1.0	CHIPPED
	78.00		FL	PIPE		6					15.0	
	78.20		CN	NONE	150	2						LIVE
	78.80		MC	NONE								TO VC
	82.80		RFJ	NONE							1.0	
	84.80		CN	NONE	150	10						LIVE
	86.00		WL	NONE					5			
	89.00		ELJ	NONE		4	5				1.0	
	89.00		RFJ	NONE							1.0	
	89.80		CL	PIPE		9					2.0	
	89.80		MC	NONE								TO CO
	89.80		CL	PIPE		3					2.0	
	90.20		JN	NONE	150	10						CAPPED
	90.70		RFJ	NONE							1.0	Former Joint ContDef: 8, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	90.70		MC	NONE								TO VC
	91.70		RFJ	NONE							1.0	Former Joint ContDef: 8, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	92.30		CL	PIPE		6					2.0	
	92.30		CCJ	PIPE		11	1				1.0	
	92.30		CL	PIPE		12					2.0	
	92.70		RFJ	NONE							1.0	Former Joint ContDef: 8, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	93.10		CL	PIPE		3					2.0	
	93.10		FL	PIPE		12					15.0	
	93.10		FL	PIPE		6					15.0	
	93.10		FCJ	PIPE		5	7				8.0	
	93.60		RF	NONE							1.0	
	93.70		RFJ	NONE							1.0	Former Joint ContDef: 8, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	94.00		FM	PIPE		6	6				40.0	
	94.00		MC	NONE								TO CO
	94.10		B	PIPE		4	8				60.0	
	94.30		RM	NONE					20		2.0	
	94.30		CN	NONE	150	2						

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
	94.70		RFJ	NONE							1.0	Former Joint ContDef: 8, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	94.90		MC	NONE								TO VC
	95.00		FM	PIPE		6	6				40.0	
	95.10		B	PIPE		6	8				60.0	
	95.70		RFJ	NONE							1.0	Former Joint ContDef: 8, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
	96.00		FM	PIPE		6	6				40.0	
	96.20		RF	NONE							1.0	
	96.80		MH	NONE								MH #22130
0574	96.81		FH	NONE								

Sewer Management System

Sewer Inspection Report - Observation Listing

Inspection Header Data

Work ID:	118389	Work Status:	COMPLETED
Entity ID:	21385	Contractor Name:	CAMBRIAN VAC
GIS Table ID:	28	Contractor Job No:	504-2003
Asset Type:	SEWER	CWMS Work Order:	18389
Asset Number:	S-MA60006663	Completed Date:	11/12/2004
Work Type ID:	8	Survey Direction:	UPSTREAM
Work Category:	INSPECTION	Start Offset:	0.0
Work Name:	CCTV INSPECTION / WRC CODING	End Offset:	30.9
Added By:	SYSTEM	Asset Quantity:	30.9
Added Date:	9/24/2003 8:48:25 AM	Invalid Offset Flag:	N
Asset Install Date:	1/1/1981	Work Quantity:	30.9
Work Predates Asset:	N	Est. Const. Cost:	\$0.00
Program ID:	105	Est. Program Cost:	\$0.00
Program Name:	Sewer C&i - Contract 1 - Doncaster	Actual Cost:	<Null>
QA/QC By:	<Null>	History Reason:	<Null>
QA/QC Date:	<Null>		
Street/Place Name:	WELLINGTON CR		
Location Details:	NODE S OF ACADEMY RD TO 1ST MH S OF ACADEMY RD		
Comments:	VHS TAPE ACTUAL LENGTH NOT KNOWN		
Import No:	5424	Shape:	C-CIRCULAR
Current Flag:	Y	Height (mm):	300
Insp. Asset No:	21385	Width (mm):	<Null>
Start Manhole No:	21387	Material:	CO-CONCRETE
Start Manhole Depth:	6.17	Lining:	<Null>
End Manhole No:	21386	Pipe Length (m):	0.8
End Manhole Depth:	<Null>	Total Length (m):	30.9
Insp. Time:	1703	Purpose:	C-RENEWAL ASSESSMENT
Flow Type:	C-COMBINED	Weather:	1-DRY
Pre-Cleaned:	Y-YES	Location Code:	A-URBAN MAIN ROAD
Tape/CD No:	J5019		
Structural Peak:	75.0	Asset SPG:	4
Structural Total:	233.9	Asset SPG By:	NCLINCH
Structural Mean:	7.6	Asset SPG Date:	10/20/2005 11:09:58 AM
Structural Grade:	3	SPG Review By:	NCLINCH
Service Peak:	8.0	SPG Review Date:	10/20/2005 11:09:58 AM
Service Total:	15.0	Rehab. Review By:	<Null>
Service Mean:	0.5	Rehab. Review Date:	<Null>
Service Grade:	3		

Inspection Observation Data

Counter	Start	End	Code	Matl	Dia/Dim	Clock	AtClock	To	Intr-%	Intr-mm	Score	Comments
1902	0.00		ST	NONE								UPSTREAM (AGAINST FLOW)
1908	0.01		MH	NONE								21387
1915	0.01		WL	NONE					15			
1915	0.01		GO	NONE								STMH LOC: 1ST MH S OF ACADEMY RD
1972	0.01		H	PIPE		11	1				75.0	AT MH FACE
2072	2.90		JN	NONE	150	11						
2092	2.90		RFJ	NONE							1.0	
2112	4.10		WL	NONE					5			
2175	9.10		WL	NONE					10			
2184	9.80		WL	NONE					15			
2198	10.70		RFJ	NONE							1.0	
2211	11.60		WL	NONE					10			
2221	12.30		WL	NONE					5			
2225	12.40		RFJ	NONE							1.0	
2302	18.10		JN	NONE	150	11						
2315	18.40		CL	PIPE		12					2.0	
2331	19.30		FL	PIPE		12					15.0	
2355	20.90		LR	NONE								
2440	27.20		RFJ	NONE							1.0	
2452	27.90		RFJ	NONE							1.0	Former Joint ContDef: 1, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2461	28.40		CM	PIPE		11	1				5.0	
	28.70		RFJ	NONE							1.0	Former Joint ContDef: 1, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2478	28.70	30.90	FL	PIPE		12					33.0	Finish ContDef Comments: NONE, Finish ContDef Clock At: 12, Start ContDef Comments: NONE
2488	28.70	30.90	FL	PIPE		6					33.0	Finish ContDef Comments: NONE, Finish ContDef Clock At: 06, Start ContDef Comments: NONE
2493	28.70	30.90	DV	PIPE					10		66.0	Finish ContDef Comments: NONE, Finish ContDef Intrusion: 10, Start ContDef Comments: NONE
2493	28.70		CM	PIPE		12	12				5.0	
	29.50		RFJ	NONE							1.0	Former Joint ContDef: 1, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2548	30.20		RMJ	NONE					10		2.0	
2576	30.90		RM	NONE					95		5.0	AT NODE
	30.90		RFJ	NONE							1.0	Former Joint ContDef: 1, Finish ContDef Comments: NONE, Start ContDef Comments: NONE
2613	30.90		GO	NONE								FMH LOC: NODE S OF ACADEMY RD
2613	30.90		MH	NONE								21386
2621	30.91		FH	NONE								