



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFLMD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 14
Date 20210825
Time 15:13
Location (Street Name and number) CO16
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO16-5
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 5
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 49.7
Year Laid
Year Rehabilitated
Tape / Media Number 14

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks
	Group/Descriptor	Modifier/severity		S/M/L	1st	2nd		%	At / From				
0.0	AMH									AMH@0			Starting Manhole: CO16-5
0.0	MWL					0				MWL@0			
15.2	DS	Z				30		5	7	DSZ@15.2	4		OTHER
17.8	MCU		S01							MCU@17.8			
49.7	MCU		F01							MCU@49.7	421		
49.7	MSA									MSA@49.7			DUE TO DISTANCE

Segment	Structural						O & M						Overall											
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
14-CO16-5-5	0	0	0	0	0	0	0000		0	0	0	88	0	88	4C00	4.0	0	0	0	88	0	88	4C00	4.0



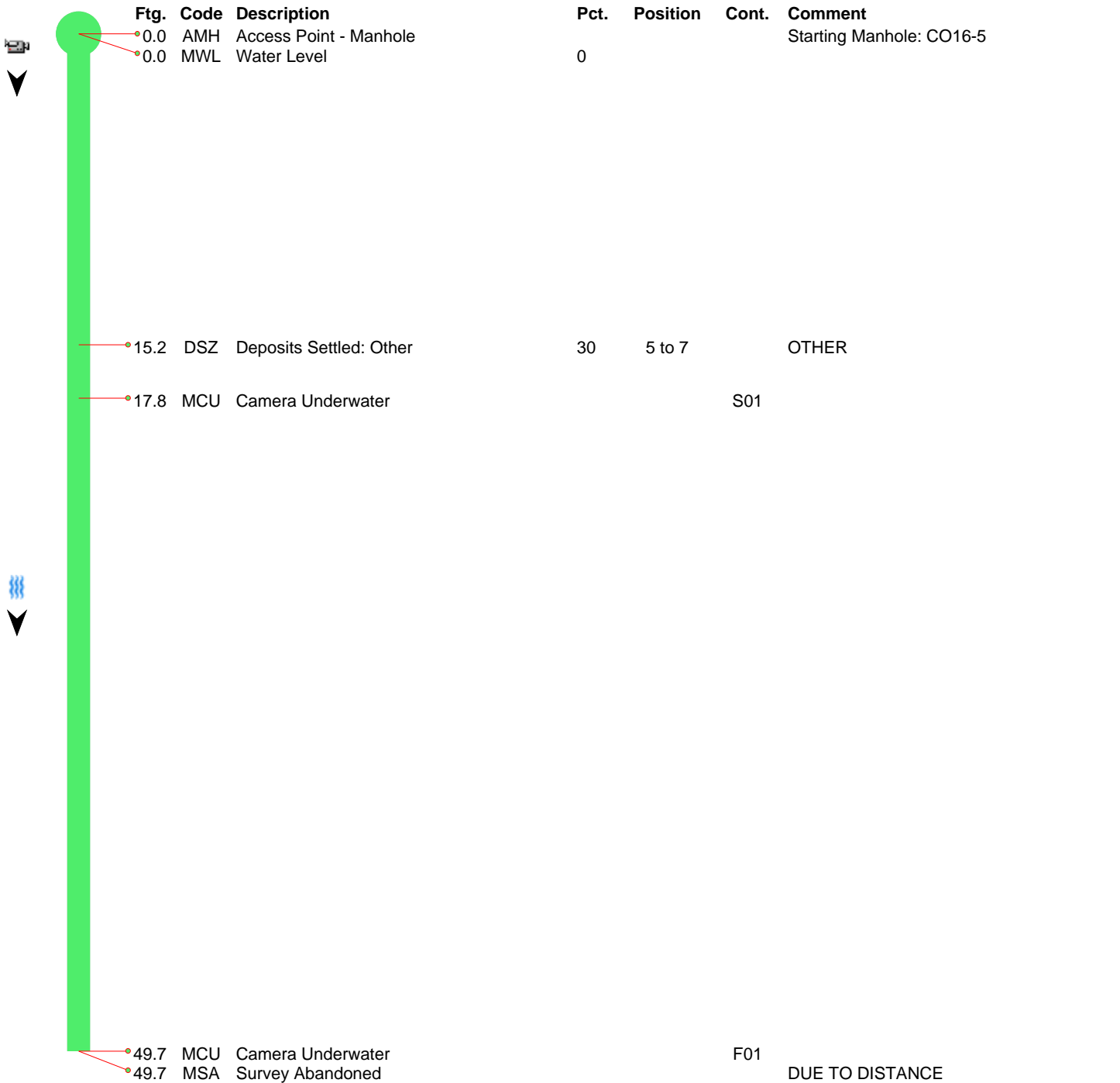
PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO16-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO16		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:13	Length Surveyed 49.7
Additional Information					



Upstream MH CO16-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO16		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:13	Length Surveyed 49.7
Additional Information					



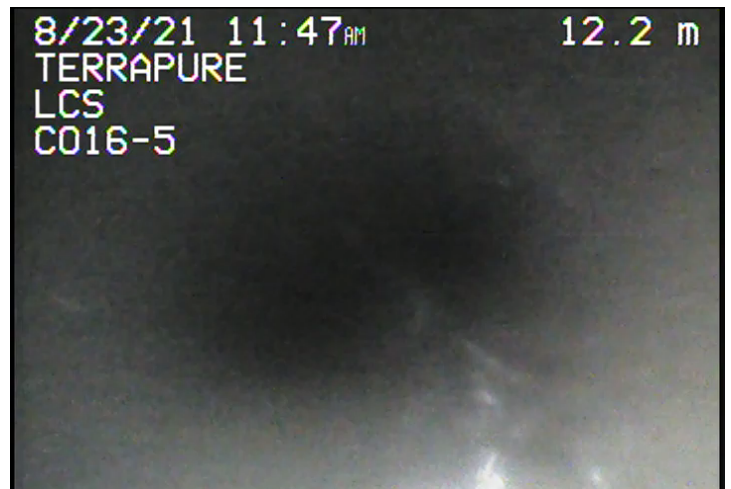
AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO16-5



MWL - Water Level @ 0.0 m.



DSZ - Deposits Settled: Other @ 15.2 m.
OTHER

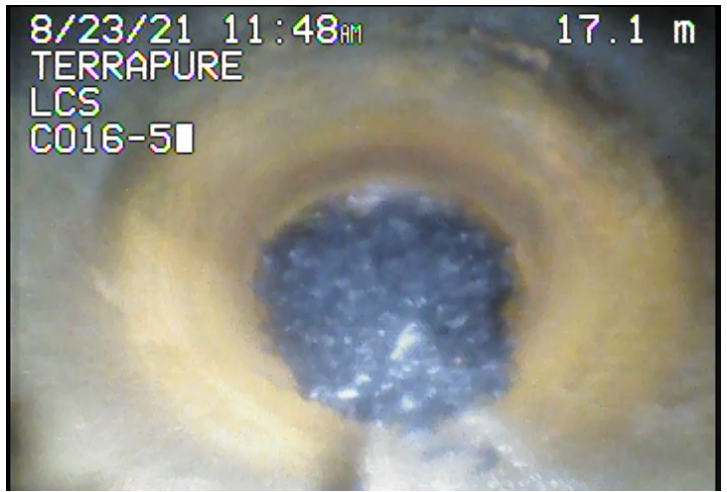


MCU - Camera Underwater @ 17.8 m.

Upstream MH CO16-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO16		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:13	Length Surveyed 49.7
Additional Information					



MCU - Camera Underwater @ 49.7 m.



MSA - Survey Abandoned @ 49.7 m.
DUE TO DISTANCE



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFL0MD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 15
Date 20210825
Time 15:19
Location (Street Name and number) CO1
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO1-1
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 1
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 15.3
Year Laid
Year Rehabilitated
Tape / Media Number 15

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks		
	Group/Descriptor	Modifier/severity		S/M/L	1st			2nd	%					At / From	To
0.0	AMH									AMH@0			Starting Manhole: CO1-1 OTHER DUE TO BLOCKAGE		
0.0	MWL					0				MWL@0					
15.0	DS	Z				100	12	12		DSZ@15	5				
15.3	MSA									MSA@15.3					

Segment	Structural									O & M						Overall								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
15-CO1-1-1	0	0	0	0	0	0	0000		0	0	0	0	5	5	5100	5.0	0	0	0	0	5	5	5100	5.0



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-1	Downstream MH 1	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
-----------------------------	---------------------------	--------------------	---------------------------------------	---------------------	-----------------------------

Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1	Location Details 65 GREEN MOUNTAIN
-------------------------------------	---	------------------------------	--

Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:19	Length Surveyed 15.3
--------------------------------	--------------------------------------	-----------------------	-------------------------	----------------------	--------------------------------

Additional Information



Upstream MH CO1-1	Downstream MH 1	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:19	Length Surveyed 15.3
Additional Information					



AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO1-1



MWL - Water Level @ 0.0 m.



DSZ - Deposits Settled: Other @ 15.0 m.
OTHER



MSA - Survey Abandoned @ 15.3 m.
DUE TO BLOCKAGE



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFL0MD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 16
Date 20210825
Time 15:24
Location (Street Name and number) CO1
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO1-2
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 2
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 14.1
Year Laid
Year Rehabilitated
Tape / Media Number 16

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks	
	Group/Descriptor	Modifier/severity		S/M/L				%	At / From					To
					1st	2nd								
0.0	AMH								AMH@0				Starting Manhole: CO1-2	
0.0	MWL					0			MWL@0					
14.1	DS	Z				100		12	12	DSZ@14.1	5		OTHER DUE TO BLOCKAGE	
14.1	MSA								MSA@14.1					

Segment	Structural									O & M						Overall								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
16-CO1-2-2	0	0	0	0	0	0	0000		0	0	0	0	5	5	5100	5.0	0	0	0	0	5	5	5100	5.0



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-2	Downstream MH 2	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
-----------------------------	---------------------------	--------------------	---------------------------------------	---------------------	-----------------------------

Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1	Location Details 65 GREEN MOUNTAIN
-------------------------------------	---	------------------------------	--

Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:24	Length Surveyed 14.1
--------------------------------	--------------------------------------	-----------------------	-------------------------	----------------------	--------------------------------

Additional Information



Upstream MH CO1-2	Downstream MH 2	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:24	Length Surveyed 14.1
Additional Information					



AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO1-2

MWL - Water Level @ 0.0 m.



DSZ - Deposits Settled: Other @ 14.1 m.
OTHER

MSA - Survey Abandoned @ 14.1 m.
DUE TO BLOCKAGE



PIPEFLO CONTRACTING CORP.

111 FRID STREET
HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFL0MD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 14
Date 20210825
Time 15:13
Location (Street Name and number) CO16
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO16-5
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 5
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 49.7
Year Laid
Year Rehabilitated
Tape / Media Number 14

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks
	Group/Descriptor	Modifier/severity		S/M/L	1st	2nd		%	At / From				
0.0	AMH									AMH@0			Starting Manhole: CO16-5
0.0	MWL					0				MWL@0			
15.2	DS	Z				30		5	7	DSZ@15.2	4		OTHER
17.8	MCU		S01							MCU@17.8			
49.7	MCU		F01							MCU@49.7	421		
49.7	MSA									MSA@49.7			DUE TO DISTANCE

Segment	Structural						O & M						Overall											
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
14-CO16-5-5	0	0	0	0	0	0	0000		0	0	0	88	0	88	4C00	4.0	0	0	0	88	0	88	4C00	4.0



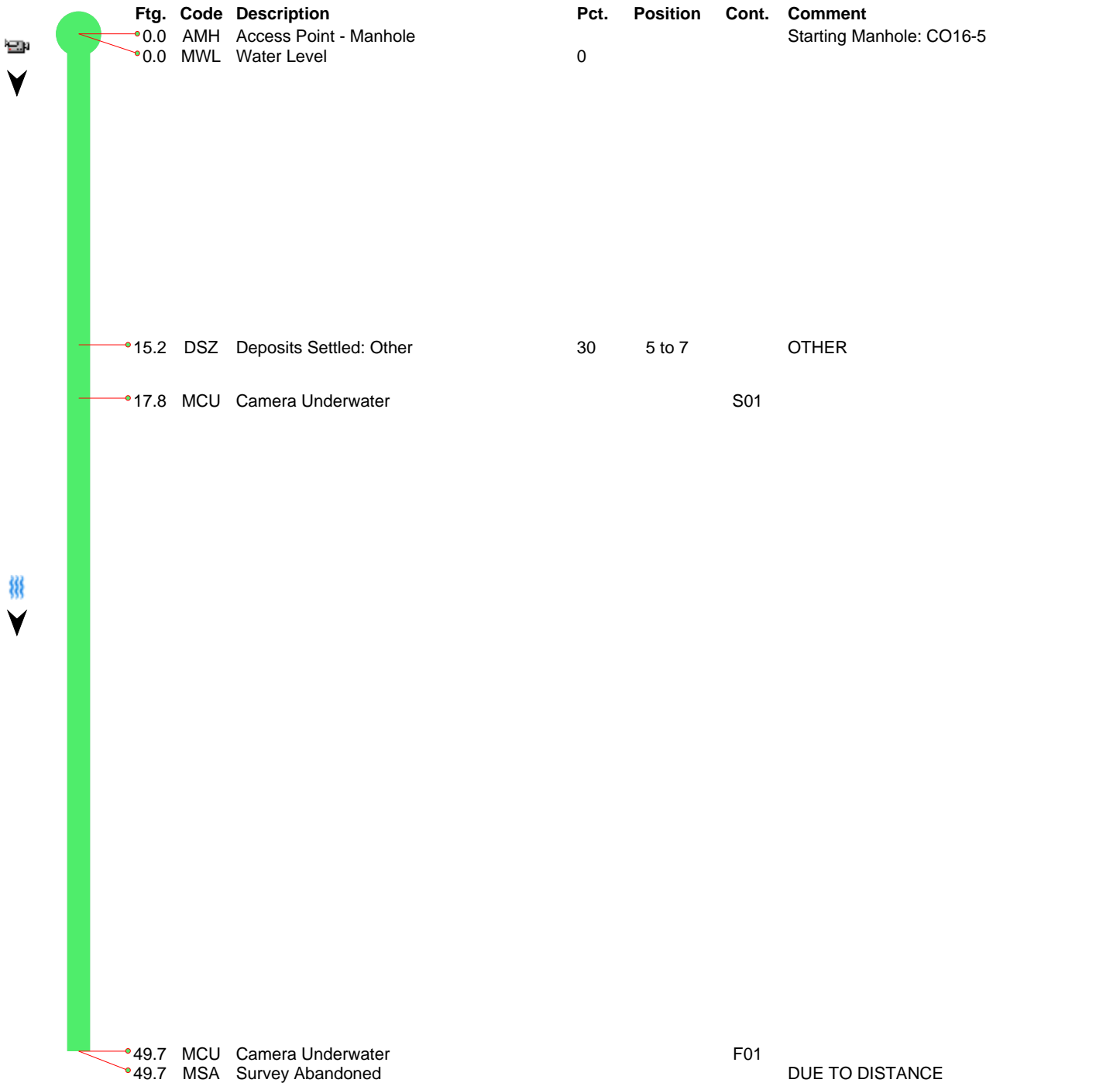
PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO16-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO16		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:13	Length Surveyed 49.7
Additional Information					



Upstream MH CO16-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO16		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:13	Length Surveyed 49.7
Additional Information					



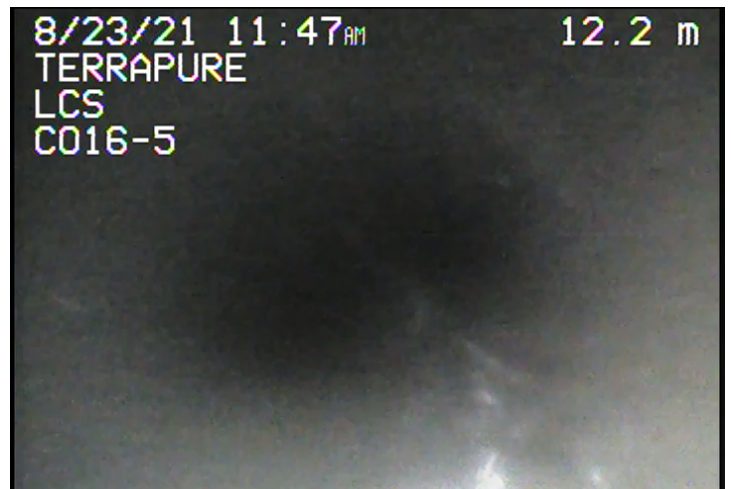
AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO16-5



MWL - Water Level @ 0.0 m.



DSZ - Deposits Settled: Other @ 15.2 m.
OTHER

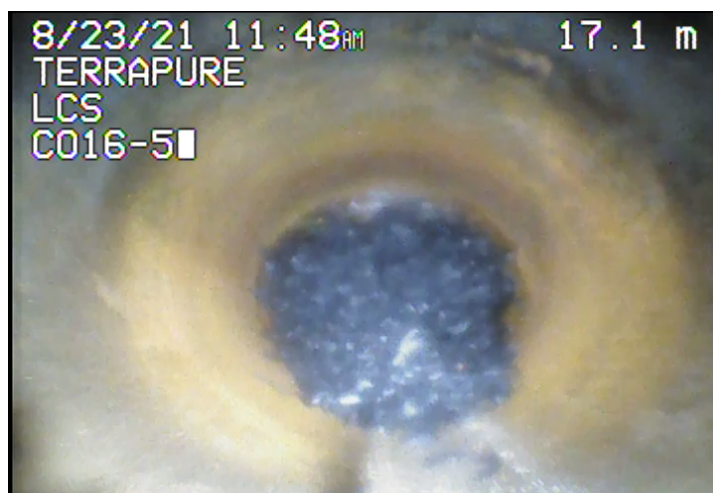


MCU - Camera Underwater @ 17.8 m.

Upstream MH CO16-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO16		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:13	Length Surveyed 49.7
Additional Information					



MCU - Camera Underwater @ 49.7 m.



MSA - Survey Abandoned @ 49.7 m.
DUE TO DISTANCE



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFL0MD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 15
Date 20210825
Time 15:19
Location (Street Name and number) CO1
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO1-1
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 1
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 15.3
Year Laid
Year Rehabilitated
Tape / Media Number 15

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks	
	Group/Descriptor	Modifier/severity		S/M/L	1st 2nd			%	At / From					To
					1st	2nd								
0.0	AMH								AMH@0				Starting Manhole: CO1-1 OTHER DUE TO BLOCKAGE	
0.0	MWL				0				MWL@0					
15.0	DS	Z			100		12	12	DSZ@15		5			
15.3	MSA								MSA@15.3					

Segment	Structural									O & M						Overall								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
15-CO1-1-1	0	0	0	0	0	0	0000		0	0	0	0	5	5	5100	5.0	0	0	0	0	5	5	5100	5.0



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-1	Downstream MH 1	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
-----------------------------	---------------------------	--------------------	---------------------------------------	---------------------	-----------------------------

Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1	Location Details 65 GREEN MOUNTAIN
-------------------------------------	---	------------------------------	--

Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:19	Length Surveyed 15.3
--------------------------------	--------------------------------------	-----------------------	-------------------------	----------------------	--------------------------------

Additional Information



Upstream MH CO1-1	Downstream MH 1	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:19	Length Surveyed 15.3
Additional Information					



AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO1-1



MWL - Water Level @ 0.0 m.



DSZ - Deposits Settled: Other @ 15.0 m.
OTHER



MSA - Survey Abandoned @ 15.3 m.
DUE TO BLOCKAGE



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFLMD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 16
Date 20210825
Time 15:24
Location (Street Name and number) CO1
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO1-2
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 2
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 14.1
Year Laid
Year Rehabilitated
Tape / Media Number 16

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks	
	Group/Descriptor	Modifier/severity		S/M/L				%	At / From					To
					1st	2nd								
0.0	AMH								AMH@0				Starting Manhole: CO1-2	
0.0	MWL					0			MWL@0					
14.1	DS	Z				100	12	12	DSZ@14.1		5	OTHER		
14.1	MSA								MSA@14.1			DUE TO BLOCKAGE		

Segment	Structural									O & M						Overall								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
16-CO1-2-2	0	0	0	0	0	0	0000		0	0	0	0	5	5	5100	5.0	0	0	0	0	5	5	5100	5.0



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-2	Downstream MH 2	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
-----------------------------	---------------------------	--------------------	---------------------------------------	---------------------	-----------------------------

Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1	Location Details 65 GREEN MOUNTAIN
-------------------------------------	---	------------------------------	--

Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:24	Length Surveyed 14.1
--------------------------------	--------------------------------------	-----------------------	-------------------------	----------------------	--------------------------------

Additional Information



Upstream MH CO1-2	Downstream MH 2	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:24	Length Surveyed 14.1
Additional Information					



AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO1-2

MWL - Water Level @ 0.0 m.



DSZ - Deposits Settled: Other @ 14.1 m.
OTHER

MSA - Survey Abandoned @ 14.1 m.
DUE TO BLOCKAGE



PIPEFLO CONTRACTING CORP.

111 FRID STREET
HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFLMD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 17
Date 20210825
Time 15:30
Location (Street Name and number) CO1
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO1-3
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 3
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 50
Year Laid
Year Rehabilitated
Tape / Media Number 17

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks	
	Group/Descriptor	Modifier/severity		S/M/L				%	At / From					To
					1st	2nd								
0.0	AMH								AMH@0				Starting Manhole: CO1-3	
0.0	MWL					0			MWL@0					
18.7	DS	Z	S01			5	5	7	DSZ@18.7				OTHER	
22.1	DS	Z				30	5	7	DSZ@22.1		4		OTHER	
23.5	DS	Z	F01			5	5	7	DSZ@23.5		23		OTHER	
23.5	MCU		S02						MCU@23.5					
48.8	MCU		F02						MCU@48.8		417			
48.8	MWL					10			MWL@48.8					
50.0	MSA								MSA@50				DUE TO DISTANCE	

Segment	Structural									O & M						Overall								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
17-CO1-3-3	0	0	0	0	0	0	0000		0	6	0	72	0	78	4B23	3.7	0	6	0	72	0	78	4B23	3.7



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

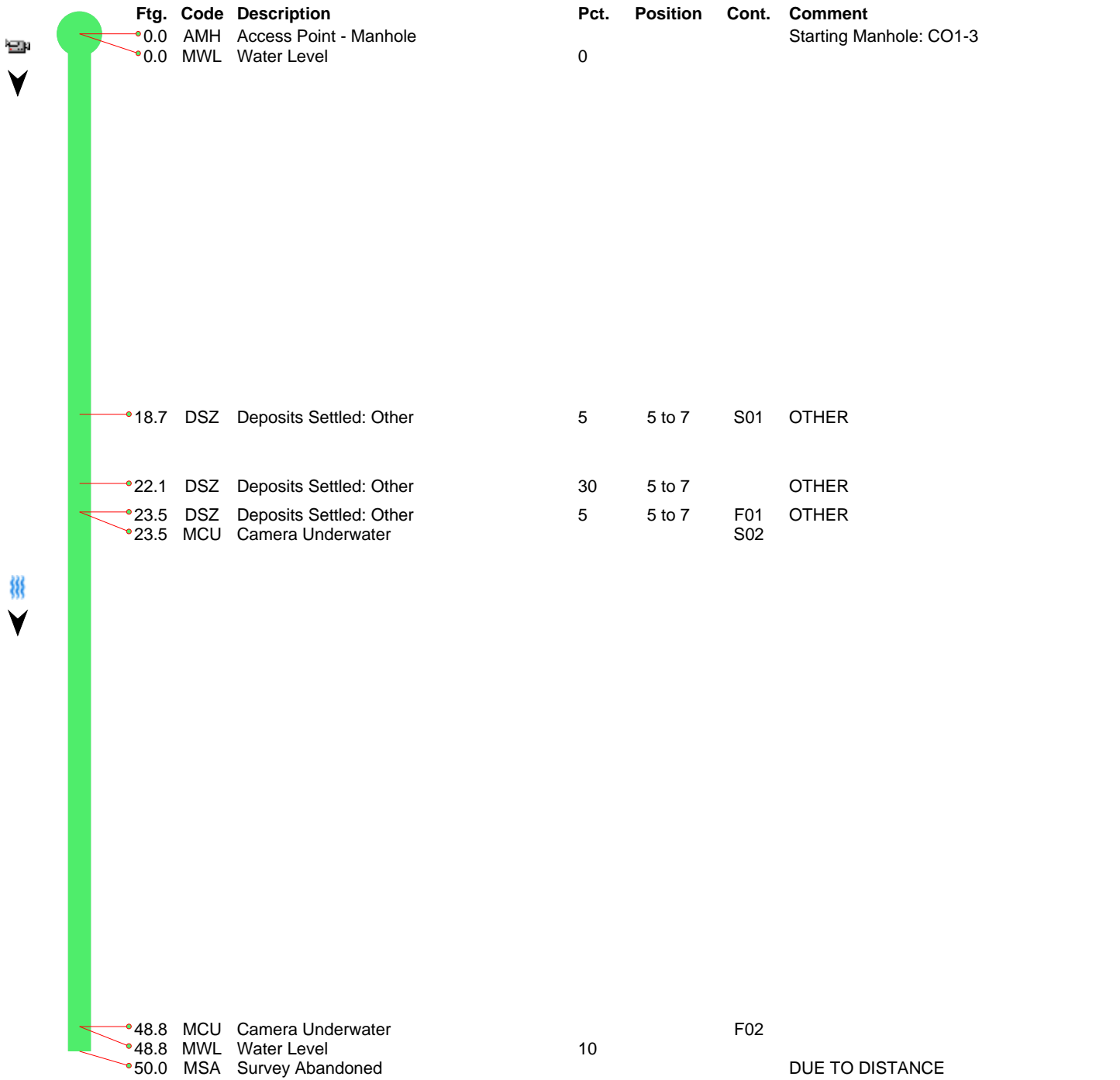
TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-3	Downstream MH 3	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
-----------------------------	---------------------------	--------------------	---------------------------------------	---------------------	-----------------------------

Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1	Location Details 65 GREEN MOUNTAIN
-------------------------------------	---	------------------------------	--

Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:30	Length Surveyed 50
--------------------------------	--------------------------------------	-----------------------	-------------------------	----------------------	------------------------------

Additional Information





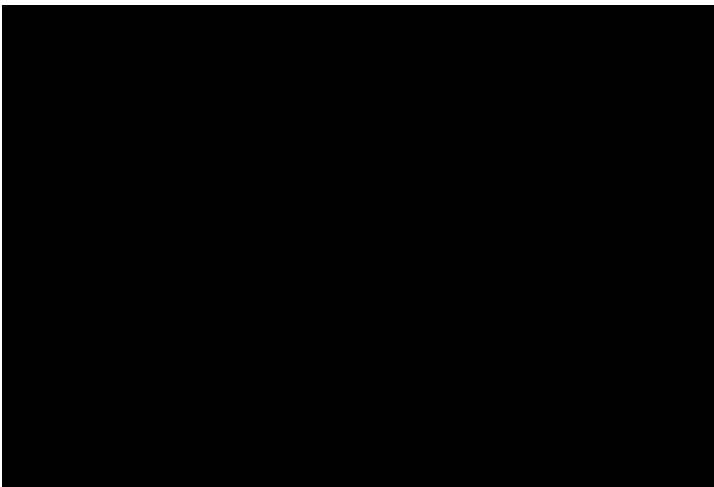
PIPEFLO CONTRACTING CORP.

111 FRID STREET

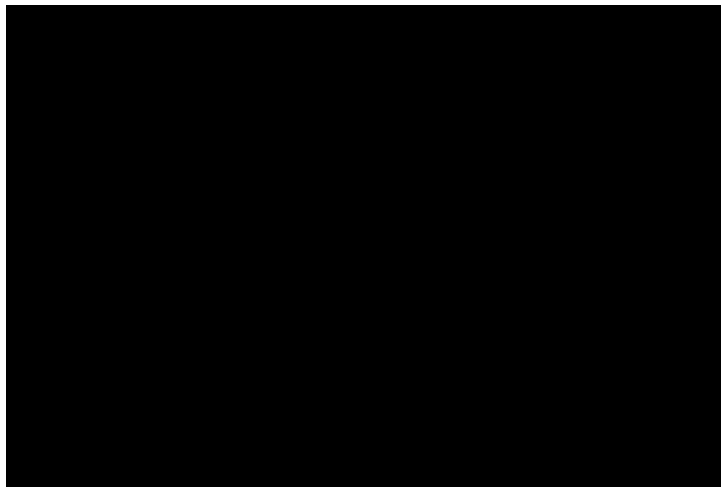
HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

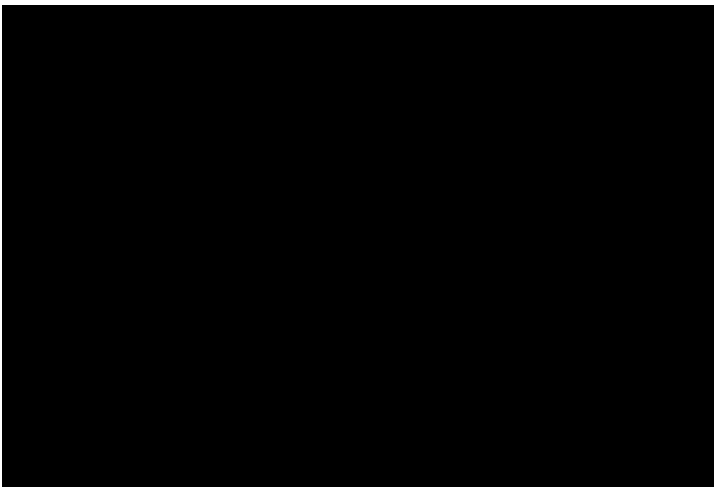
Upstream MH CO1-3	Downstream MH 3	Size 150	Material Polyvinyl Chloride	Total Length 	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:30	Length Surveyed 50
Additional Information 					



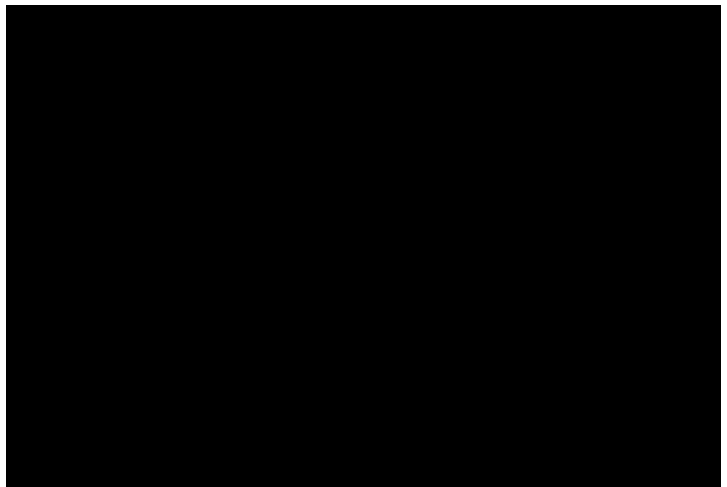
AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO1-3



MWL - Water Level @ 0.0 m.



DSZ - Deposits Settled: Other @ 18.7 m.
OTHER



DSZ - Deposits Settled: Other @ 22.1 m.
OTHER



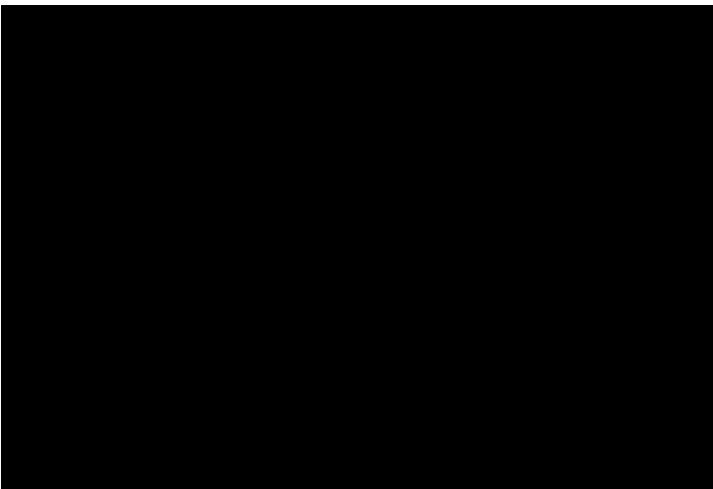
PIPEFLO CONTRACTING CORP.

111 FRID STREET

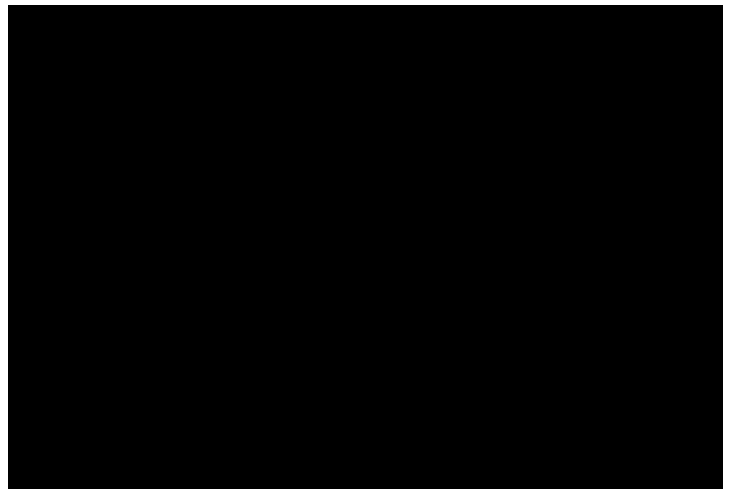
HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

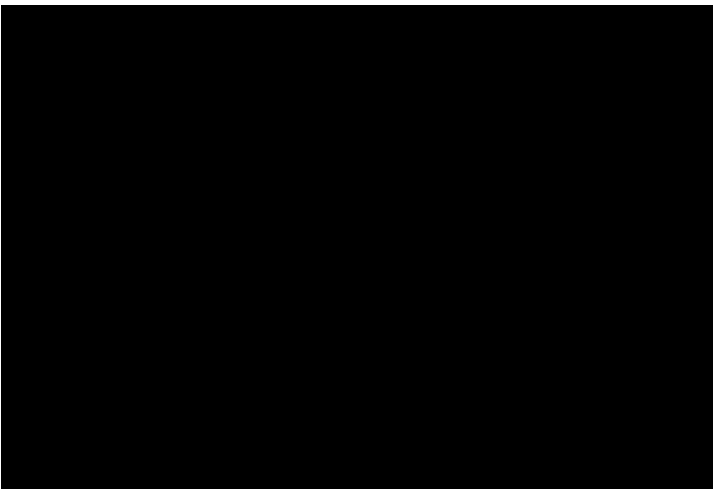
Upstream MH CO1-3	Downstream MH 3	Size 150	Material Polyvinyl Chloride	Total Length 	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:30	Length Surveyed 50
Additional Information 					



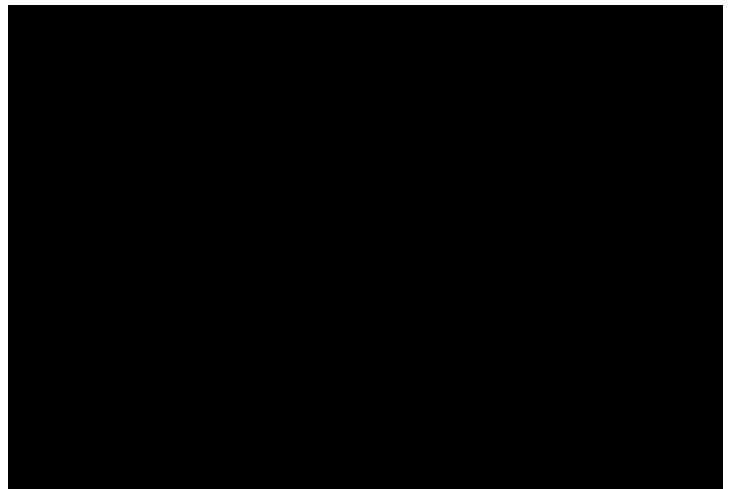
DSZ - Deposits Settled: Other @ 23.5 m.
OTHER



MCU - Camera Underwater @ 23.5 m.



MCU - Camera Underwater @ 48.8 m.



MWL - Water Level @ 48.8 m.



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-3	Downstream MH 3	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:30	Length Surveyed 50
Additional Information					



MSA - Survey Abandoned @ 50.0 m.
DUE TO DISTANCE



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFLMD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 18
Date 20210825
Time 15:43
Location (Street Name and number) CO1
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO1-4
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 4
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 50
Year Laid
Year Rehabilitated
Tape / Media Number 18

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks	
	Group/Descriptor	Modifier/severity		S/M/L				%	At / From					To
					1st	2nd								
0.0	AMH								AMH@0			Starting Manhole: CO1-4		
0.0	MWL					0			MWL@0					
20.1	DS	Z				20	5	7	DSZ@20.1		3	OTHER		
22.9	MCU		S01						MCU@22.9					
50.0	MCU		F01						MCU@50		418			
50.0	MSA								MSA@50			DUE TO DISTANCE		

Segment	Structural						O & M						Overall											
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
18-CO1-4-4	0	0	0	0	0	0	0000		0	0	3	72	0	75	4B31	3.9	0	0	3	72	0	75	4B31	3.9



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3





TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-4	Downstream MH 4	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
-----------------------------	---------------------------	--------------------	---------------------------------------	---------------------	-----------------------------

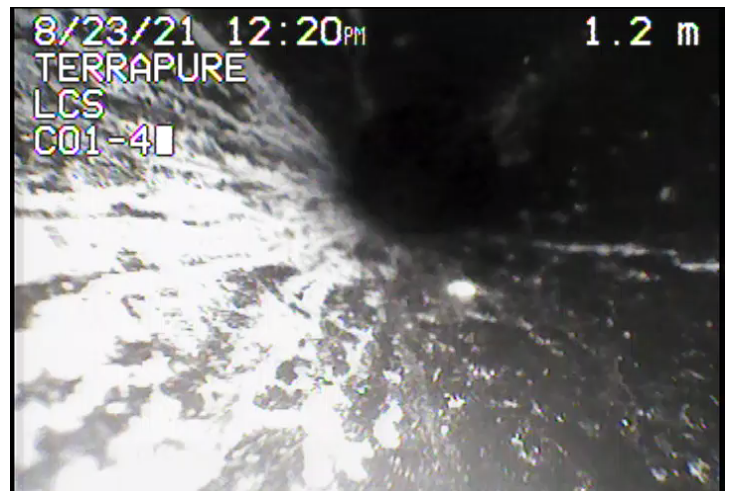
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1	Location Details 65 GREEN MOUNTAIN
-------------------------------------	---	------------------------------	--

Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:43	Length Surveyed 50
--------------------------------	--------------------------------------	-----------------------	-------------------------	----------------------	------------------------------

Additional Information

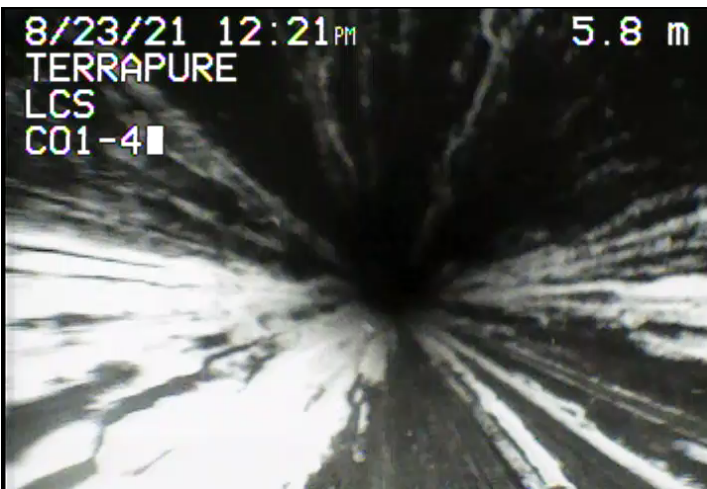
	Ftg.	Code	Description	Pct.	Position	Cont.	Comment
 	0.0	AMH	Access Point - Manhole				Starting Manhole: CO1-4
	0.0	MWL	Water Level				
 	20.1	DSZ	Deposits Settled: Other	20	5 to 7		OTHER
	22.9	MCU	Camera Underwater			S01	
	50.0	MCU	Camera Underwater			F01	
	50.0	MSA	Survey Abandoned				DUE TO DISTANCE

Upstream MH CO1-4	Downstream MH 4	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:43	Length Surveyed 50
Additional Information					



AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO1-4

MWL - Water Level @ 0.0 m.



DSZ - Deposits Settled: Other @ 20.1 m.
OTHER

MCU - Camera Underwater @ 22.9 m.

Upstream MH CO1-4	Downstream MH 4	Size 150	Material Polyvinyl Chloride	Total Length	City STONE CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:43	Length Surveyed 50
Additional Information					



MCU - Camera Underwater @ 50.0 m.



MSA - Survey Abandoned @ 50.0 m.
DUE TO DISTANCE



PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Surveyors name PIPEFLOMD
 Certificate Number U-414-06020730
 System Owner REVOLUTION LANDFILL LP
 Survey Customer REVOLUTION LANDFILL LP
 Drainage Area
 Sheet 1

P/O No. 4501005340
Pipeline Segment Reference 19
Date 20210825
Time 15:49
Location (Street Name and number) CO1
Locality STONEY CREEK

Further Location details 65 GREEN MOUNTAIN
Upstream Manhole Number CO1-5
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number 5
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer Processes
Direction Downstream
Flow Control N
Height 150

Width
Shape Circular
Material PVC
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed 12
Year Laid
Year Rehabilitated
Tape / Media Number 19

Purpose F
Sewer Category A
Pre-Cleaning No Pre-Cleaning
Cleaned
Weather Dry
Additional Information

Distance (Meters)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks	
	Group/Descriptor	Modifier/severity		S/M/L	1st			%	At / From					To
					1st	2nd								
0.0	AMH								AMH@0			Starting Manhole: CO1-5		
0.0	MWL					0			MWL@0					
10.9	OBZ					5		12	OBZ@10.9		2	STICK		
12.0	DS	Z				100		6	DSZ@12		5	DUE TO BLOCKAGE		
12.0	MSA								MSA@12			DUE TO BLOCKAGE		

Segment	Structural									O & M						Overall								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
19-CO1-5-5	0	0	0	0	0	0	0000		0	2	0	0	5	7	5121	3.5	0	2	0	0	5	7	5121	3.5



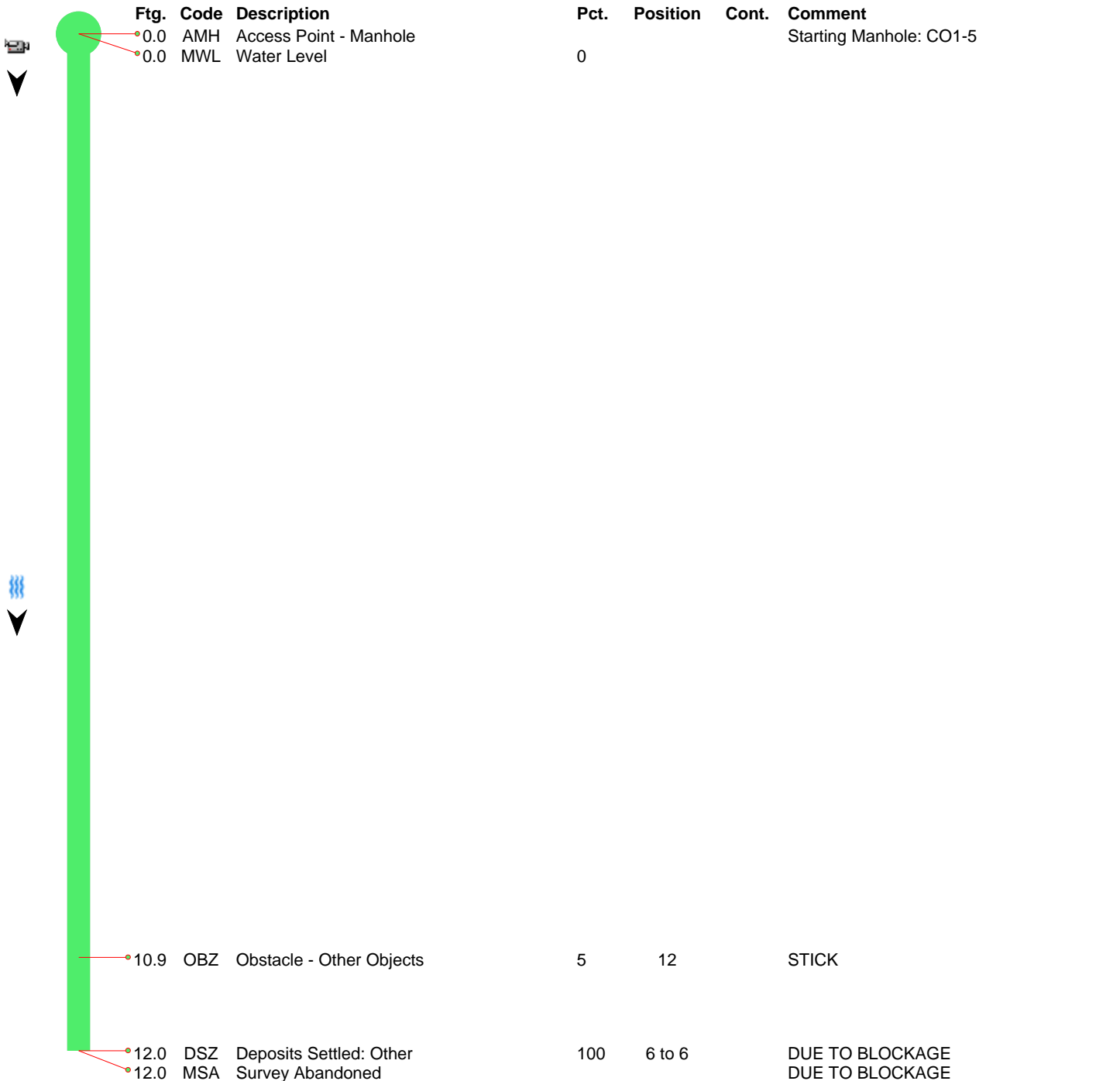
PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:49	Length Surveyed 12
Additional Information					

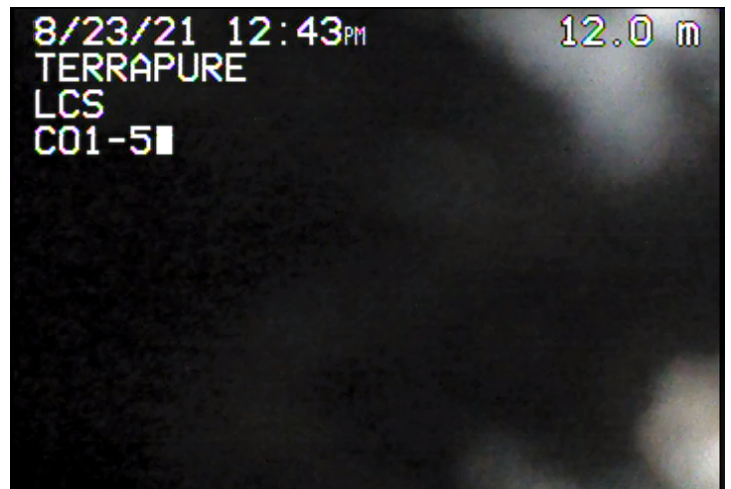
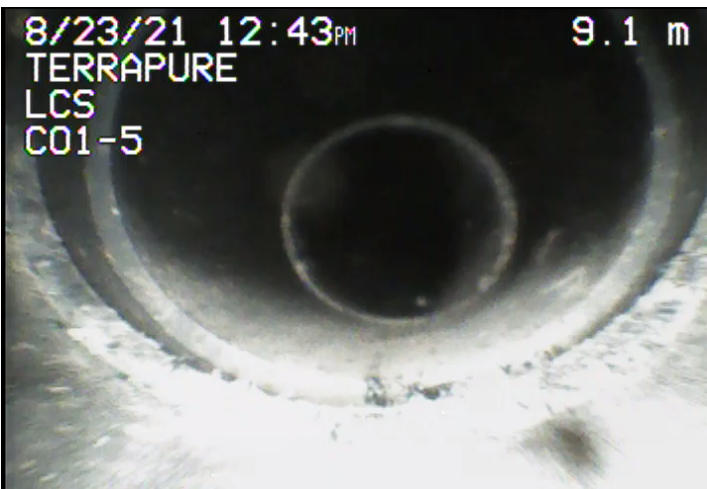


Upstream MH CO1-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:49	Length Surveyed 12
Additional Information					



AMH - Access Point - Manhole @ 0.0 m.
Starting Manhole: CO1-5

MWL - Water Level @ 0.0 m.



OBZ - Obstacle - Other Objects @ 10.9 m.
STICK

DSZ - Deposits Settled: Other @ 12.0 m.
DUE TO BLOCKAGE



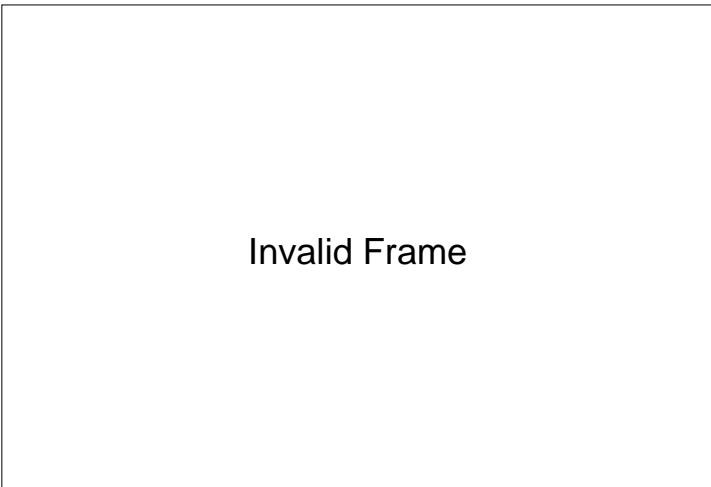
PIPEFLO CONTRACTING CORP.

111 FRID STREET

HAMILTON, ONTARIO L8P 4M3

TOLL-FREE: 1-866-711-4567, TELEPHONE: 905-572-7767, FAX: 905-572-7768

Upstream MH CO1-5	Downstream MH 5	Size 150	Material Polyvinyl Chloride	Total Length	City STONEY CREEK
Surveyor's Name PIPEFLOMD	Certificate Number U-414-06020730	Street Address CO1		Location Details 65 GREEN MOUNTAIN	
Direction Downstream	Purpose Routine Assessment	Weather Dry	Date 20210825	Time 15:49	Length Surveyed 12
Additional Information					



MSA - Survey Abandoned @ 12.0 m.
DUE TO BLOCKAGE