

MAJOR CEMENT
BAGLEY AND 23ED DETROIT
10-26-2019



NATIONAL INDUSTRIAL MAINTENANCE, INC.
4400 STECKER STREET
DEARBORN, MICHIGAN 48126

Inspection Report

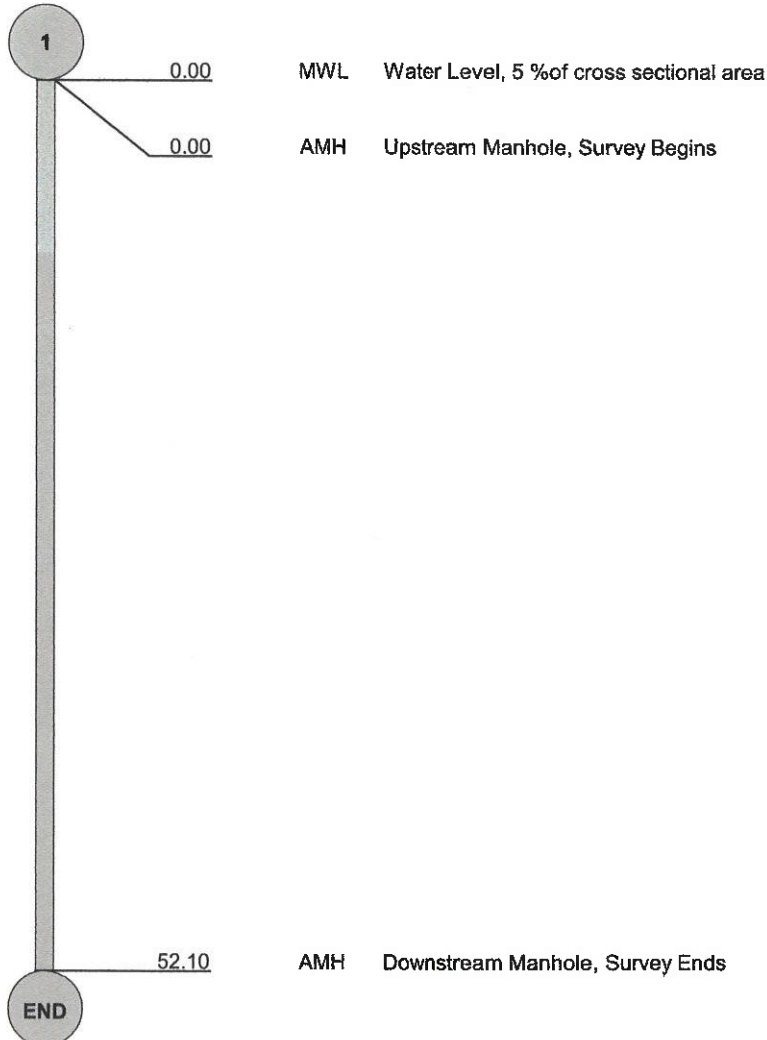
Date 10/26/2019	P/O. No.	Weather SUNNY	Surveyor's Name SEWARD	Pipe Segment Reference	Section No. 1
Certificate No. U-213-17140	Survey Customer	System Owner	Date Cleaned 10/26/2019	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street123 City Loc. details Location Code	BAGLEY DETROIT Light highway	Use of Sewer Drainage Area Flow Control Length surveyed	Stormwater Not Controlled 52.10 ft	START MH STOP MH Dir. of Survey Section Length	1 END Downstream 52.10 ft
--	---	--	---	---	--

Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Maintenance Related	Joint Length Dia./Height Material Lining Method	12 inch Reinforced Concrete Pipe
--	----------------------------	--	---

Add. Information :

1:135 Position Code Observation Photo



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0

City : DETROIT

NATIOLAN INDUSTRIAL MAINT
 4400 STECKER
 DEARBORN MICHIGAN
 Tel: 313-945-6464
 Fax:
 E-mail:

Inspection Report

Date 10/26/2019	P/O. No.	Weather SUNNY	Surveyor's Name SEWARD	Pipe Segment Reference	Section No. 2
Certificate No. U-213-17140	Survey Customer	System Owner	Date Cleaned 10/26/2019	Pre-Cleaning Jetting	Sewer Category

Street123 City Loc. details Location Code	BAGLEY DETROIT Light highway	Use of Sewer Drainage Area Flow Control Length surveyed	Stormwater Not Controlled 0.00 ft	START MH STOP MH Dir. of Survey Section Length	EX434 END Downstream 0.00 ft
--	---	--	--	---	---

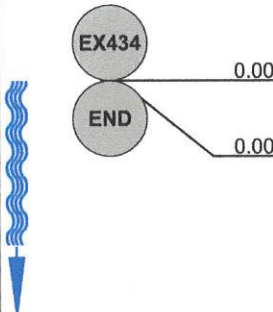
Purpose of Survey **Maintenance Related**
 Year Laid
 Year Rehabilitated
 Tape / Media No.

Joint Length
 Dia./Height
 Material
 Lining Method

**10 inch
 Vitrified Clay Pipe**

Add. Information :

1:50 Position Code Observation Photo



EX434 0.00 **AMH** Upstream Manhole, Survey Begins

END 0.00 **MWL** Water Level, 5 %of cross sectional area

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0

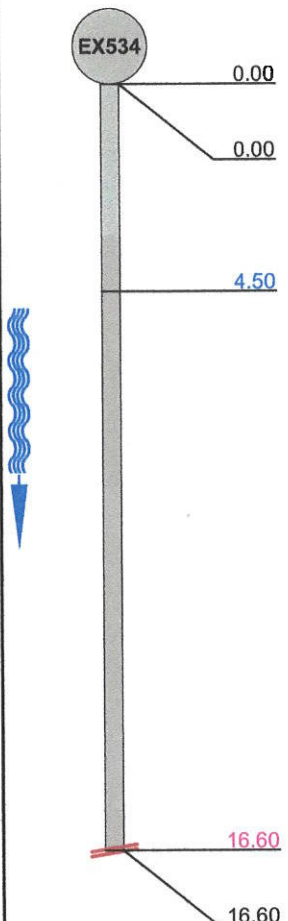
City : DETROIT

NATIOLAN INDUSTRIAL MAINT
 4400 STECKER
 DEARBORN MICHIGAN
 Tel: 313-945-6464
 Fax:
 E-mail:

Inspection Report

Date 10/26/2019	P/O. No.	Weather SUNNY	Surveyor's Name SEWARD	Pipe Segment Reference	Section No. 3
Certificate No. U-213-17140	Survey Customer	System Owner	Date Cleaned 10/26/2019	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street123 City Loc. details Location Code	BAGLEY DETROIT Light highway	Use of Sewer Drainage Area Flow Control Length surveyed	Stormwater Not Controlled 16.60 ft	START MH STOP MH Dir. of Survey Section Length	EX534 END Downstream 16.60 ft
Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Maintenance Related	Joint Length Dia./Height Material Lining Method	8 Inch Polyvinyl Chloride	Add. Information :	

1:50	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins	
	0.00	MWL	Water Level, 5 % of cross sectional area	
	4.50	LLU	Alignment Left Up, 20 %	
	16.60	LR	Alignment Right, 90 %	
	16.60	MSA	Survey Abandoned	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4121	0	6	6	0	3	3

NATIOLAN INDUSTRIAL MAINT
 4400 STECKER
 DEARBORN MICHIGAN
 Tel: 313-946-6464
 Fax:
 E-mail:

Inspection Report

Date 10/26/2019	P/O. No.	Weather SUNNY	Surveyor's Name SEWARD	Pipe Segment Reference	Section No. 4
Certificate No. U-213-17140	Survey Customer	System Owner	Date Cleaned 10/26/2019	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street123 City Loc. details Location Code	BAGLEY DETROIT	Use of Sewer Drainage Area Flow Control Length surveyed	Stormwater Not Controlled 0.00 ft	START MH STOP MH Dir. of Survey Section Length	EX 404 END Downstream 0.00 ft
--	---------------------------	--	---	---	--

Purpose of Survey **Maintenance Related**

Year Laid

Year Rehabilitated

Tape / Media No.

Joint Length

Dia./Height

Material

Lining Method

10 inch**Vitrified Clay Pipe**

Add. Information :

1:50 Position**Code****Observation****Photo****EX 404**0.00**AMH**

Upstream Manhole, Survey Begins

END0.00**MWL**

Water Level, 5 %of cross sectional area

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0