

CITY OF
CLEVELAND
HEIGHTS
LAW DEPARTMENT

October 14, 2025

Via E-Mail: vezner.kris@epa.gov and Berger.Jake@epa.gov

Kris P. Vezner, Esq.
Associate Regional Counsel
U.S. Environmental Protection Agency
Region 5 (C-14J)
77 West Jackson Blvd.
Chicago, IL 60604

and

Jake Berger
Physical Scientist
Water Enforcement & Compliance Assurance Branch
U.S. Environmental Protection Agency
77 W. Jackson Blvd.
Mail Code ECW-15J
Chicago, IL 60604

Re: September 2025 Overflow Monitoring Reports
City of Cleveland Heights, Ohio

Dear Mr. Vezner and Mr. Berger:

Please find enclosed the Overflow Monitoring Reports for inspections performed through September 22, 2025, as well as the Sanitary Sewer Overflow spreadsheet.

Please contact Director of Public Works Collette Clinkscale or me with any questions.

Very truly yours,

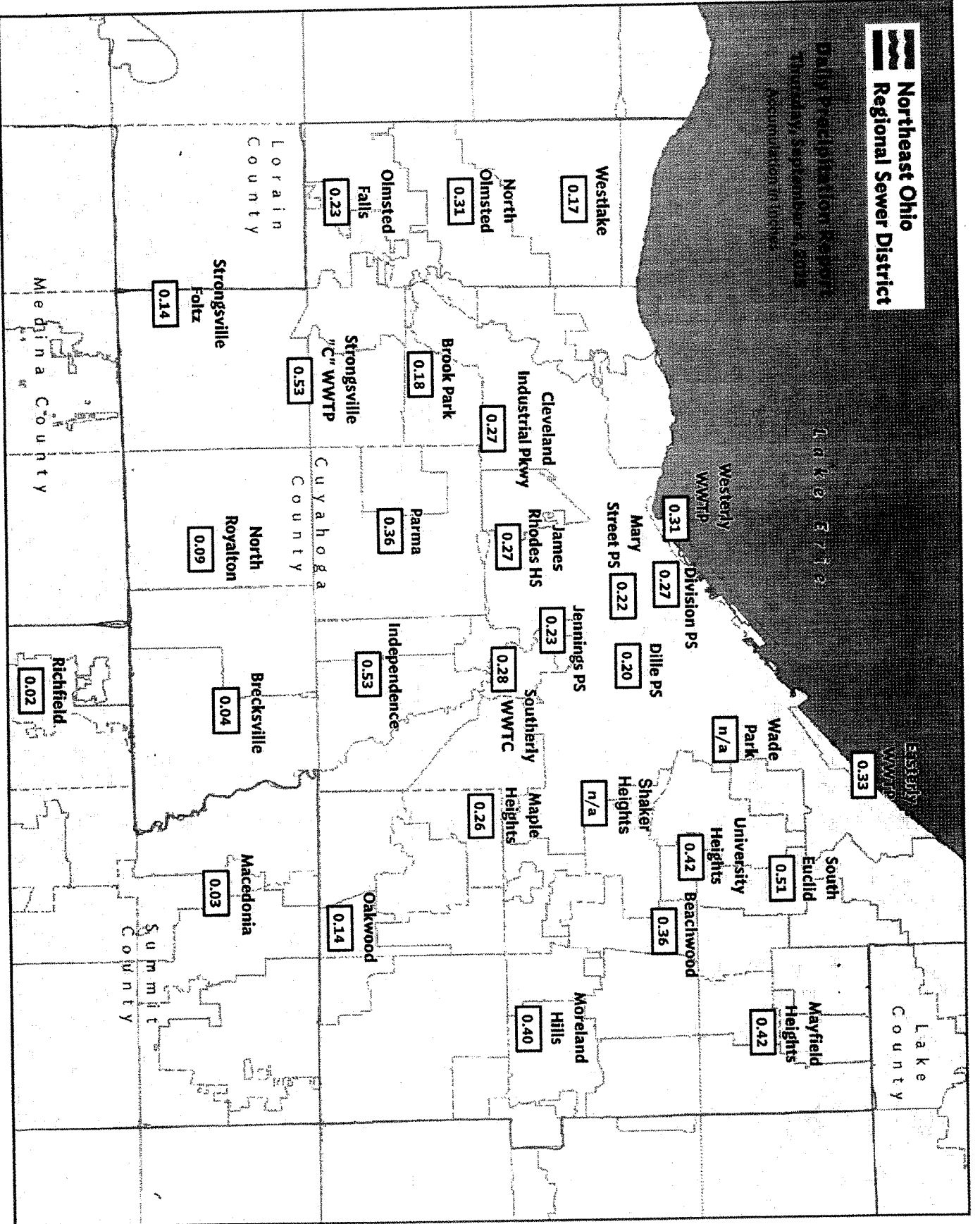

William R. Hanna
Director of Law

Enclosures

cc: Thomas Benson, Esq., EPA Attorney
James Vinch, Esq., EPA Attorney
James Zimny, EPA Engineer
U.S. EPA Region 5 Water Enforcement Branch
Mark Klingenstein, Environmental Engineer
Erm Gomes, Ohio EPA
Samantha Thompson, Ohio EPA
Casey Galligan, Ohio EPA
David Brumbaugh, Ohio EPA
Bill Fischbein, Ohio EPA
Tony Cuda, Mayor
Collette Clinkscale, Director of Public Works
Steve Barker, Public Relations
Anthony Ferrone, Utilities Commissioner
Kevin Vander Tuig, P.E. (Outside Engineer)
Sarah Fuller, (Outside Engineer)
Chaya Wilks (Outside Engineer)
Dan Porter (Outside Engineer)
Cindy Biacofsky (Outside Engineer)
Louis L. McMahon, McMahon DeGulis LLP (Outside Legal Counsel)

Northeast Ohio Regional Sewer District

Daily Precipitation Report
Thursday, September 4, 2014
 Accumulation in inches



Northeast Ohio Regional Sewer District **Daily Precipitation Report** Thursday, September 4, 2025

Site Location	Peak Accumulation (Inches)				
	24-Hour	6-Hour	3-Hour	1-Hour	15-Minute
Beachwood	0.36	0.35	0.32	0.31	0.21
Brecksville	0.04	0.04	0.02	0.01	0.01
Brook Park	0.18	0.18	0.12	0.11	0.06
Cleveland Industrial Pkwy	0.27	0.26	0.21	0.16	0.12
Dille Ave PS	0.20	0.20	0.14	0.13	0.09
Division Ave PS	0.27	0.27	0.23	0.20	0.11
Easterly WWTP	0.33	0.33	0.29	0.21	0.08
Independence	0.53	0.51	0.51	0.47	0.30
James Rhodes HS	0.27	0.26	0.20	0.15	0.07
Jennings PS	0.23	0.23	0.17	0.13	0.08
Macedonia	0.03	0.03	0.02	0.01	0.01
Maple Heights	0.26	0.26	0.24	0.18	0.12
Mary Street PS	0.22	0.22	0.18	0.15	0.10
Mayfield Heights	0.42	0.42	0.39	0.37	0.19
Moreland Hills	0.40	0.40	0.38	0.33	0.20
North Olmsted	0.31	0.30	0.24	0.18	0.14
North Royalton	0.09	0.09	0.07	0.06	0.05
Oakwood	0.14	0.14	0.12	0.10	0.08
Olmsted Falls	0.23	0.22	0.19	0.15	0.09
Parma	0.36	0.33	0.29	0.24	0.14
Richfield	0.02	0.02	0.02	0.02	0.01
Shaker Heights	n/a	n/a	n/a	n/a	n/a
South Euclid	0.51	0.51	0.41	0.38	0.18
Southerly WWTC	0.28	0.28	0.22	0.17	0.09
Strongsville C WWTP	0.53	0.51	0.47	0.45	0.21
Strongsville Foltz	0.14	0.14	0.08	0.08	0.06
University Heights	0.42	0.42	0.38	0.36	0.28
Wade Park	n/a	n/a	n/a	n/a	n/a
Westerly WWTP	0.31	0.31	0.25	0.19	0.08
Westlake	0.17	0.17	0.11	0.07	0.05

WO Number: 250909-0001

Category: SSOs

Status: New Work Order

Problem: Storm Response

Status Date: 9/9/2025 9:43 am

Main Task: Inspection

Asset: SSO 431

Assigned By:

Location: FAIRFAX AT NORTH PARK

Assigned Date:

Cause: Weather

Start Date: 9/8/2025 8:00 AM

Assigned Crew:

End Date: 9/8/2025 2:12 PM

Supervisor: Jackson, Jeff

Override

Lead Worker: Corbo, Joe

Notifications

Priority: High

Problem ☐

Account #:

Overdue ☐

Proj No - Acct:

Lead Worker ☐

Project:

Task ☐

Reason:

Supervisor ☐

Received By:

Hard Lock WO ☐

Inspected By:

Project ID:

Project Name:

Request Comments for Work Order

Inspect all (45) SSO's when rainfall is one quarter (1/4") inch or higher.

Location

Department: Sewer Collection

Division: Sewer

Comments for Crew

Sub-Division:

Inspect all (45) SSO's when rainfall is one quarter (1/4") inch or higher.

Area:

Sub-Area:

Owner:

Location:

Classification:

Maintenance Zone:

Alternate Zone:

Work Order Locations			Address 2
Address		General Location	
X Coord	Y Coord		
FAIRFAX AT NORTH PARK			
2,220,655.65435414	665,517.24643672	Doan Brook	
NORTH PARK AND COVENTRY			
2,219,873.16674590	666,048.82312946	DOAN BROOK - MAIN BRANCH	
FAIRMOUNT SOUTH OF SCARBOROUGH			
2,220,364.86097248	666,446.72325230	DOAN BROOK - MAIN BRANCH	
FAIRMOUNT AT FAIRFAX			
2,220,920.81917815	666,080.57995571	DOAN BROOK - MAIN BRANCH	
FAIRMOUNT AT NORTH WOODLAND (S. SIDE)			
2,223,053.81655256	664,693.25202172	DOAN BROOK - MAIN BRANCH	
3012 NORTH WOODLAND			
2,222,845.06631389	664,689.08536339	Doan Brook	
2,226,440.21168265	664,329.55524255		
2,226,354.79813956	664,409.89202413		
2,226,389.92077273	664,379.07548472		
FAIRMOUNT AT DARTMOOR			
2,225,149.97508989	664,453.31024438	DOAN BROOK - MAIN BRANCH	
FAIRMOUNT AT WELLINGTON			
2,223,969.26550905	664,532.08075613	DOAN BROOK - MAIN BRANCH	
FAIRMOUNT AT NORTH WOODLAND (N. SIDE)			
2,223,111.44143730	664,794.46048072	DOAN BROOK - MAIN BRANCH	
FAIRMOUNT AT MARLBORO			
2,221,638.88762389	665,726.15513962	DOAN BROOK - MAIN BRANCH	

Work Order Detail Report

9/9/2025

so overflow inspection 9-4-2025 0.42'

10:03 AM

FAIRMOUNT AT ARLINGTON		
2,222,127.85875881	665,393.74077822	DOAN BROOK - MAIN BRANCH
FAIRMOUNT & COVENTRY (SCARBOROUGH)		
2,220,278.63411081	667,231.62916280	DOAN BROOK - MAIN BRANCH
FAIRMOUNT AND COVENTRY		
2,220,419.37169023	666,567.10752596	DOAN BROOK - MAIN BRANCH
SCARBOROUGH AT LAMBERTON		
2,221,598.28993607	666,996.61322863	
MONMOUTH, EAST OF DARTMOOR		
2,225,152.08663423	665,499.19660404	DOAN BROOK
BRADFORD AND LEE		
2,224,643.84191582	665,970.39907372	DOAN BROOK - MAIN BRANCH
EDDINGTON		
2,221,299.08384156	674,932.84604380	
HAMPSHIRE LANE AT MAYFIELD (18")		
2,219,348.17140481	672,922.02624655	DUGWAY CREEK - MAIN BRANCH
EAST OVERLOOK AT EDGEHILL		
2,218,479.60588473	671,538.70289771	DOAN BROOK - MAIN BRANCH
HAMPSHIRE LANE AT MAYFIELD (36")		
2,219,354.97683740	672,902.85961822	DUGWAY CREEK - MAIN BRANCH
2600 HAMPSHIRE RD		
HAMPSHIRE AT EUCLID HTS. BLVD.		
2,218,465.44876081	671,703.91811846	DOAN BROOK - MAIN BRANCH
CEDAR BTW. FAIRMOUNT/DEMINGTON		
2,218,036.25112839	669,668.09115338	DOAN BROOK - MAIN BRANCH
2828 BERKSHIRE, EAST OF COVENTRY		
2,220,768.48319674	670,614.63814481	DUGWAY CREEK - MAIN BRANCH
3003 EUCLID HEIGHTS BLVD		
2,222,538.05642922	672,458.71614955	DUGWAY CREEK - MAIN BRANCH
South Taylor between Antisdale Ave and Superior Rd		
2,227,113.30810548	671,276.67684697	
LEE RD. & SUPERIOR AVE.		
2,224,449.07983814	672,366.92072946	HEIGHT = NA, WIDTH = NA, LENGTH = NA
EUCLID HEIGHTS BLVD AND LEE		
2,224,196.49208874	673,102.72798488	DUGWAY CREEK - MAIN BRANCH
EUCLID HEIGHTS BLVD/CUMBERLAND		
2,223,890.24106081	672,984.80925746	DUGWAY CREEK - MAIN BRANCH
1685 CUMBERLAND		
2,223,414.40769489	674,158.55920655	DUGWAY CREEK - MAIN BRANCH
CUMBERLAND/SOMERTON		
2,223,678.60992239	673,517.13791722	DUGWAY CREEK - MAIN BRANCH
2225 NOBLE RD		
2225 NOBLE ROAD		
2,227,020.20068015	682,910.03907888	NINE MILE CREEK - MAIN BRANCH
QUILLIAMS, N. OF RANDOLF		
2,229,594.65878581	682,393.53289405	NINE MILE CREEK - MAIN BRANCH
LANGTON AND ATHERSTONE		
2,228,126.76638040	684,188.23206055	
2,220,777.89623564	666,181.72575080	
2,218,501.67473823	671,997.54581206	
2,216,759.55453481	670,474.59347738	
2,224,536.21778722	668,887.44048372	
2,226,741.35609348	679,432.95121680	
2,226,591.76420106	679,420.92761880	

Work Order Detail Report

9/9/2025

iso overflow inspection 9-4-2025 0.42'

10:03 AM

2,227,825.14395215 684,881.15948047

Work Order Detail Report

9/9/2025

so overflow inspection 9-4-2025 0.42'

10:03 AM

Work Order Assets

<u>Object Type</u>		<u>Description 1</u>			<u>Description 2</u>		
<u>System ID 1</u>	<u>System ID 2</u>	<u>Odometer</u>	<u>Hourmeter</u>	<u>Othermeter</u>	<u>PM Description</u>	<u>Asset ID</u>	<u>Completed</u>
Sewer Control Valve					FAIRFAX AT NORTH PARK		
SSO 431						26	
Sewer Control Valve					NORTH PARK AND COVENTRY		
SSO 114						16	
Sewer Control Valve					FAIRMOUNT SOUTH OF SCARBOROUGH		
SSO 121						35	
Sewer Structure							
SA16AAWB0						3094	
Sewer Control Valve					FAIRMOUNT AT FAIRFAX		
SSO 112						7	
Sewer Control Valve					FAIRMOUNT AT NORTH WOODLAND (S. SIDE)		
SSO 99						6	
Sewer Control Valve					3012 NORTH WOODLAND		
SSO 432						14	
Sewer Control Valve							
DB-03						55	
Sewer Control Valve							
DB-01						56	
Sewer Control Valve							
DB-02						57	
Sewer Control Valve					FAIRMOUNT AT DARTMOOR		
CH-04						5	
Sewer Control Valve					FAIRMOUNT AT WELLINGTON		
SSO 110						44	
Sewer Control Valve					FAIRMOUNT AT NORTH WOODLAND (N. SIDE)		
SSO 87						33	
Sewer Control Valve					FAIRMOUNT AT MARLBORO		
SSO 116						4	
Sewer Control Valve					FAIRMOUNT AT ARLINGTON		
SSO 111						46	
Sewer Control Valve					FAIRMOUNT & COVENTRY (SCARBOROUGH)		
SSO 113						37	
Sewer Control Valve					FAIRMOUNT AND COVENTRY		
SSO 124						47	
Sewer Control Valve					SCARBOROUGH AT LAMBERTON		
CH-50						53	
Sewer Control Valve					BRADFORD AND LEE		
SSO 129						11	
Sewer Control Valve					EDDINGTON		
CH-52						2	
Sewer Control Valve					HAMPSHIRE LANE AT MAYFIELD (18")		
SSO 88						42	
Sewer Control Valve					EAST OVERLOOK AT EDGEHILL		
SSO 122						36	
Sewer Control Valve					HAMPSHIRE LANE AT MAYFIELD (36")		
SSO 89						34	
Sewer Structure							
SA16ADZB0						1536	
Sewer Control Valve					HAMPSHIRE AT EUCLID HTS. BLVD.		
SSO 91						20	
Sewer Structure							
SA16ADPH0						4446	
Sewer Control Valve					CEDAR BTW. FAIRMOUNT/DEMINGTON		
SSO 120						8	
Sewer Control Valve					2828 BERKSHIRE, EAST OF COVENTRY		
SSO 103						19	
Sewer Control Valve					3003 EUCLID HEIGHTS BLVD		
SSO 104						15	

Sewer Structure		
SA16AGMG0		3402
Sewer Control Valve	South Taylor between Antisdale Ave and Superior F	
CH-30		52
Sewer Control Valve	LEE RD. & SUPERIOR AVE.	
DV-11		9
Sewer Control Valve	EUCLID HEIGHTS BLVD AND LEE	
SSO 108		22
Sewer Control Valve	EUCLID HEIGHTS BLVD/CUMBERLAND	
SSO 106		43
Sewer Control Valve	1685 CUMBERLAND	
SSO 95		18
Sewer Control Valve	CUMBERLAND/SOMERTON	
SSO 105		30
Sewer Structure		
SA16AQD0		4987
Sewer Structure		
SA16AQQC0		3745
Sewer Control Valve	2225 NOBLE ROAD	
SSO 102		3
Sewer Control Valve	QUILLIAMS, N. OF RANDOLF	
SSO 107		38
Sewer Control Valve	LANGTON AND ATHERSTONE	
CH-51		54
Sewer Structure		
SA16APEF0		1809

Work Order Detail Report

9/9/2025

iso overflow inspection 9-4-2025 0.42'

10:03 AM

Check List

	<u>Item</u>	<u>Completed</u>	<u>Condition</u>	<u>Completion Date/Time</u>	<u>Est Completion Date</u>
1	A-37-FAIRFAX AT NORTH PARK SA16ACPG0	☐	Sound	9/8/2025/	
2	A-36-NORTH PARK AT COVENTRY SA16ACNB0 (IN MEDIAN-CEMENT)	☐	Not Sound	9/8/2025/	
3	A-2 FAIRMOUNT AT NORTH WOODLAND SA16AAWK0(MIDDLE OF THE ROAD)	☐	Not Sound	9/8/2025/	
4	A-6 FAIRMOUNT AT SHELBURNE ST16ZBJK0 (WEST BOUND LANE)	☐	Sound	9/8/2025/	
5	A-5 FAIRMOUNT AT SHELBURNE SA16AAXB0(ON THE SE CORNER IN THE SIDEWALK)	☐	Sound	9/8/2025/	
6	A-7 FAIRMOUNT AT SHELBURNE SA16AAVH0 (EAST BOUND)	☐	Sound	9/8/2025/	
7	A-4 FAIRMOUNT AT DARTMOOR SA16AAVB0(NW CORNER IN THE GRASS BY STOP SIGN)	☐	Sound	9/8/2025/	
8	A-3 FAIRMOUNT AT WELLINGTON SA16AAUW0 (INTERSECTION)	☐	Sound	9/8/2025/	
9	A-32 FAIRMOUNT AT ARLINGTON SA16AAUP0 (INTERSECTION)	☐	Sound	9/8/2025/	
10	A-38 FAIRMOUNT AT MARLBORO SA16AAUM0 (INTERSECTION)	☐	Sound	9/8/2025/	
11	A-35 2393 COVENTRY SA16AASK0 (INTERSECTION)	☐	Sound	9/8/2025/	
12	A-50 SCARBOROUGH AND LAMBERTON SA16AANE5 (INTERSECTION)	☐	Sound	9/8/2025/	
13	A-47 2528 STRATFORD SA16ACDB5 (INTERSECTION)	☐	Sound	9/8/2025/	
14	B-52 EDDINGTON NORTH OF AVONDALE SA16AHVE0	☐	Sound	9/8/2025/	
15	B-10 HAMPSHIRE LANE AT MAYFIELD SA16BACB0	☐	Sound	9/8/2025/	
16	B-11 HAMPSHIRE LANE AT MAYFIELD SA16AEEA0	☐	Sound	9/8/2025/	
17	B-61 2600 HAMPSHIRE SA16ADZB0	☐	Sound	9/8/2025/	
18	B-13-HAMPSHIRE AT EUCLID HTS. BLVD. SA16ADPR0	☐	Sound	9/8/2025/	
19	B-46 EDGEHILL AT E OVERLOOK SA16AEPF0	☐	Not Sound	9/8/2025/	
20	B-42 12537 CEDAR SA16ACZA0	☐	Sound	9/8/2025/	
21	B-15 COVENTRY AND CEDAR SA16ADBH0	☐	Sound	9/8/2025/	
22	B-23 2828 BERKSHIRE SA16AETA0	☐	Sound	9/8/2025/	
23	B-56 LEE AND MEADOWBROOK SA16AGMG0	☐	Sound	9/8/2025/	
24	C-30 S TAYLOR NORTH OF SUPERIOR SA16AIVF0	☐	Sound	9/8/2025/	
25	C-59 3427 THORNE RD SA16AQQD0	☐	Sound	9/8/2025/	
26	C-60 3415 THORNE RD SA16AQQC0	☐	Sound	9/8/2025/	
27	C-22 2225 NOBLE RD ST16ZLHB0	☐	Sound	9/8/2025/	
28	C-27 QUILLIAMS NORTH OF RANDOLPH SA16AOUQ0	☐	Sound	9/8/2025/	
29	C-51 ATHERSTONE AND LANGTON SA16AOKA0	☐	Sound	9/8/2025/	
30	C-55 3593 FENLEY SA16APEH0	☐	Sound	9/8/2025/	

Work Order Detail Report

9/9/2025

sso overflow inspection 9-4-2025 0.42'

10:03 AM

Tasks/Resources

SMCT36 Inspection

Crew:

Supervisor:

Employee

Status:

UOM: Each

*Cal'c UC: \$7.39

of Units: 30.00

*Task Cost: \$221.76

*Unit Cost: \$0.00

Start Dt: 9/8/2025

End Dt: 9/8/2025

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
27146 Corbo, Joe	Hours	6.00	\$141.36		9/8/2025	9/8/2025

Equipment

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
CHFLT55 FORD F250 PICK UP	Hours	6.00	\$80.40		9/8/2025	9/8/2025

0

Task Comment: sso overflow inspections 9-4-2025 0.42'

Projected Complete:

Repair Type:

Subcontractor:

Profit Center:

Lock: ☐

WO Duration

Labor Hours

Labor Costs

Material Costs

Fluids Costs

Equipment Costs

Contractor Costs

Misc. Costs

Total Costs

Use Task Info:

Quantity: 0.00

Unit of Measure: Each

Unit Cost: \$0.00

WO Hours: 0.00

Lock: ☐

6.20

6.00

\$141.36

0.00

0.00

80.40

0.00

0.00

\$221.76

True

*Actual

*Estimated

*Difference

0.00

0.00

\$0.00

0.00

0.00

0.00

0.00

0.00

\$0.00

True

Billing

Billed Party

Customer ID:

Customer Name:

Address:

City:

State:

Zip:

Customer Number:

Last Name:

Phone:

Fax #:

E-mail:

Cell #:

Billing Data

Contact Name:

Invoice Number:

Incoming Account #:

*Billing Amount:

Date Bill Sent:

Payment Received:

Payment Method:

Billing Required: ☐

Billing Processed: ☐

Imported to Financials: ☐

Associated PMs

PM Code and Description

SSO-02 SSO INSPECTION

Closed ☒

Tracking

Item

Description

By

Date

Time

Work Order Creation

From Routine Work SSO-02 - SSO

jjackson

9/9/2025

9:43 AM

Supervisor Notification

Email Queued Successfully!

jjackson

9/9/2025

9:43 AM

Rate:

Recieved By:

Work From:

Pipe Size:

Pipe Condition:

Could Not Open:

Additional Repair:

Dye Test Reason:

Test Performed Throug

Dye Test Results:

WO User 51:

Measurement:

History:

Opened At:

Pipe Footage Cleaned

Gallons Used:

WO User 23:

WO User 24:

WO User 9:

User 10:

Appointment Date DNL

Appointment Date:

9/8/2025

8:00 AM

Televised: ☐

Power Rooter: ☐

Jet: ☐

Gap Vac: ☐

Dye Test: ☐

Gap Root Cut: ☐

GIS Correction?: ☐

Test Tee Correction: ☐

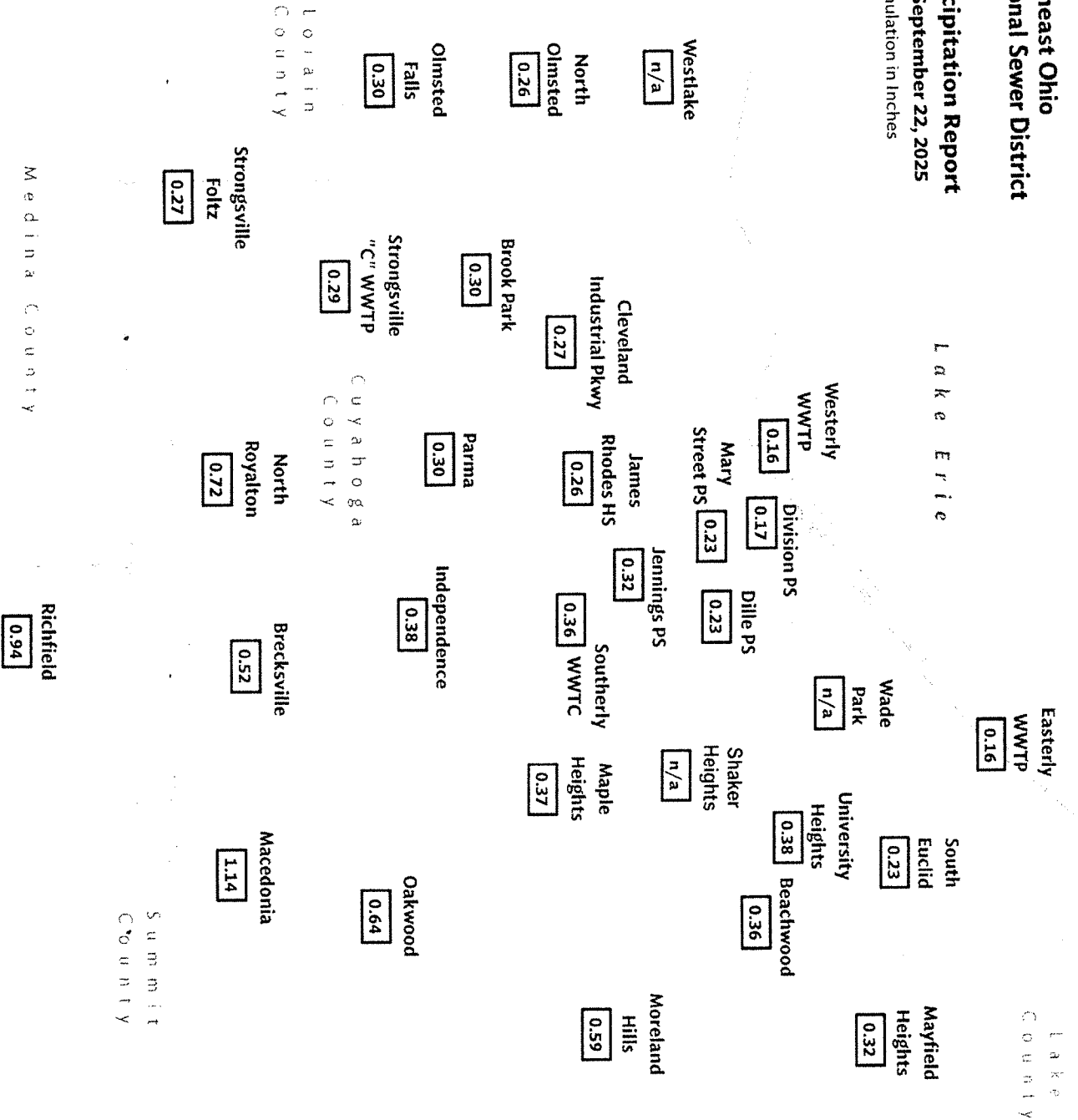
E Mail:

Measurement Line 2:

Manhole Basin Repair:	Pipe Size:	
Material Used:	PVC Tees, Angles, Sleeves	
Pipe Repair:	WO User 44:	
Street Repair:	WO User 45:	
Grass Repair:	WO User 46:	
Curb Repair:		
Driveway- Sidewalk Repair:		
Construction Crew:		
WO User 39:		
WO User 40:	OUPS #:	
WO User 41:	WO User 48:	
WO User 52:	WO User 62:	
WO User 53:	WO User 63:	
WO User 54:	WO User 64:	
WO User 55:	WO User 65:	
WO User 56:	WO User 66:	
WO User 57:	WO User 67:	
WO User 58:	WO User 68:	
WO User 59:	WO User 69:	
WO User 60:	WO User 70:	
WO User 61:	WO User 71:	
WO User 72:	WO User 82:	Televised: ☐
WO User 73:	Quantity:	Paid: ☐
WO User 74:	WO User 84:	WO User 104: ☐
WO User 75:	WO User 85:	WO User 105: ☐
WO User 76:	WO User 86:	WO User 106: ☐
WO User 92 Date:	WO User 97 Date:	
WO User 93 Date:	WO User 98 Date:	
WO User 94 Date:	WO User 99 Date:	
WO User 95 Date:	WO User 100 Date:	
WO User 96 Date:	WO User 101 Date:	
WO User 77:	WO User 87:	WO User 107: ☐
WO User 78:	WO User 88:	WO User 108: ☐
WO User 79:	WO User 89:	WO User 109: ☐
WO User 80:	WO User 90:	WO User 110: ☐
WO User 81:	WO User 91:	WO User 111: ☐
WO Creator: jjackson	WO Creation Date: 9/9/2025	PM Trigger: Rec #: 20585

**Northeast Ohio
Regional Sewer District**

Daily Precipitation Report
Monday, September 22, 2025
Accumulation in Inches



Northeast Ohio Regional Sewer District

Daily Precipitation Report

Monday, September 22, 2025

Site Location	Peak Accumulation (inches)				
	24-Hour	6-Hour	3-Hour	1-Hour	15-Minute
Beachwood	0.36	0.22	0.21	0.12	0.06
Brecksville	0.52	0.33	0.30	0.18	0.10
Brook Park	0.30	0.19	0.18	0.13	0.08
Cleveland Industrial Pkwy	0.27	0.15	0.15	0.10	0.05
Dille Ave PS	0.23	0.17	0.16	0.11	0.06
Division Ave PS	0.17	0.12	0.11	0.08	0.04
Easterly WWTP	0.16	0.10	0.10	0.07	0.03
Independence	0.38	0.21	0.18	0.15	0.08
James Rhodes HS	0.26	0.16	0.15	0.10	0.04
Jennings PS	0.32	0.22	0.20	0.15	0.09
Macedonia	1.14	0.88	0.83	0.68	0.52
Maple Heights	0.37	0.22	0.20	0.13	0.07
Mary Street PS	0.23	0.17	0.16	0.11	0.06
Mayfield Heights	0.32	0.17	0.16	0.09	0.05
Moreland Hills	0.59	0.33	0.31	0.18	0.07
North Olmsted	0.26	0.16	0.15	0.14	0.08
North Royalton	0.72	0.51	0.47	0.40	0.34
Oakwood	0.64	0.43	0.38	0.25	0.14
Olmsted Falls	0.30	0.17	0.16	0.12	0.07
Parma	0.30	0.17	0.16	0.12	0.05
Richfield	0.94	0.53	0.43	0.30	0.15
Shaker Heights	n/a	n/a	n/a	n/a	n/a
South Euclid	0.23	0.16	0.15	0.10	0.04
Southerly WWTC	0.36	0.23	0.21	0.14	0.06
Strongsville C WWTP	0.29	0.18	0.16	0.11	0.05
Strongsville Foltz	0.27	0.18	0.13	0.10	0.04
University Heights	0.38	0.25	0.23	0.18	0.07
Wade Park	n/a	n/a	n/a	n/a	n/a
Westerly WWTP	0.16	0.12	0.12	0.09	0.04
Westlake	n/a	n/a	n/a	n/a	n/a

WO Number: 250924-0001

Category: SSOs

Status: New Work Order

Problem: Storm Response

Status Date: 9/24/2025 10:56 am

Main Task: Inspection

Asset: SSO 431

Location: FAIRFAX AT NORTH PARK

Cause: Weather

Assigned By:

Assigned Crew:

Assigned Date:

Supervisor: Jackson, Jeff

Start Date: 9/24/2025 8:00 AM

Override

Lead Worker: Cardarella, Joe

End Date: 9/24/2025 2:17 PM

Notifications

Priority: High

Problem ☐

Account #:

Overdue ☐

Proj No - Acct:

Lead Worker ☐

Project:

Task ☐

Reason:

Supervisor ☐

Received By:

Hard Lock WO ☐

Inspected By:

Request Comments for Work Order

Inspect all (45) SSO's when rainfall is one quarter (1/4") inch or higher.

Location

Department: Sewer Collection

Division: Sewer

Sub-Division:

Area:

Sub-Area:

Owner:

Location:

Classification:

Maintenance Zone:

Alternate Zone:

Comments for Crew

Inspect all (45) SSO's when rainfall is one quarter (1/4") inch or higher.

Work Order Locations		
Address		Address 2
X Coord	Y Coord	General Location
FAIRFAX AT NORTH PARK		
2,220,655.65435414	665,517.24643672	Doan Brook
NORTH PARK AND COVENTRY		
2,219,873.16674590	666,048.82312946	DOAN BROOK - MAIN BRANCH
FAIRMOUNT SOUTH OF SCARBOROUGH		
2,220,364.86097248	666,446.72325230	DOAN BROOK - MAIN BRANCH
FAIRMOUNT AT FAIRFAX		
2,220,920.81917815	666,080.57995571	DOAN BROOK - MAIN BRANCH
FAIRMOUNT AT NORTH WOODLAND (S. SIDE)		
2,223,053.81655256	664,693.25202172	DOAN BROOK - MAIN BRANCH
3012 NORTH WOODLAND		
2,222,845.06631389	664,689.08536339	Doan Brook
2,226,440.21168265	664,329.55524255	
2,226,354.79813956	664,409.89202413	
2,226,389.92077273	664,379.07548472	
FAIRMOUNT AT DARTMOOR		
2,225,149.97508989	664,453.31024438	DOAN BROOK - MAIN BRANCH
FAIRMOUNT AT WELLINGTON		
2,223,969.26550905	664,532.08075613	DOAN BROOK - MAIN BRANCH
FAIRMOUNT AT NORTH WOODLAND (N. SIDE)		
2,223,111.44143730	664,794.46048072	DOAN BROOK - MAIN BRANCH
FAIRMOUNT AT MARLBORO		
2,221,638.88762389	665,726.15513962	DOAN BROOK - MAIN BRANCH

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FAIRMOUNT AT ARLINGTON		
2,222,127.85875881	665,393.74077822	DOAN BROOK - MAIN BRANCH
FAIRMOUNT & COVENTRY (SCARBOROUGH)		
2,220,278.63411081	667,231.62916280	DOAN BROOK - MAIN BRANCH
FAIRMOUNT AND COVENTRY		
2,220,419.37169023	666,567.10752596	DOAN BROOK - MAIN BRANCH
SCARBOROUGH AT LAMBERTON		
2,221,598.28993607	666,996.61322863	
MONMOUTH, EAST OF DARTMOOR		
2,225,152.08663423	665,499.19660404	DOAN BROOK
BRADFORD AND LEE		
2,224,643.84191582	665,970.39907372	DOAN BROOK - MAIN BRANCH
EDDINGTON		
2,221,299.08384156	674,932.84604380	
HAMPSHIRE LANE AT MAYFIELD (18")		
2,219,348.17140481	672,922.02624655	DUGWAY CREEK - MAIN BRANCH
EAST OVERLOOK AT EDGEHILL		
2,218,479.60588473	671,538.70289771	DOAN BROOK - MAIN BRANCH
HAMPSHIRE LANE AT MAYFIELD (36")		
2,219,354.97683740	672,902.85961822	DUGWAY CREEK - MAIN BRANCH
2600 HAMPSHIRE RD		
HAMPSHIRE AT EUCLID HTS. BLVD.		
2,218,465.44876081	671,703.91811846	DOAN BROOK - MAIN BRANCH
CEDAR BTW. FAIRMOUNT/DEMINGTON		
2,218,036.25112839	669,668.09115338	DOAN BROOK - MAIN BRANCH
2828 BERKSHIRE, EAST OF COVENTRY		
2,220,768.48319674	670,614.63814481	DUGWAY CREEK - MAIN BRANCH
3003 EUCLID HEIGHTS BLVD		
2,222,538.05642922	672,458.71614955	DUGWAY CREEK - MAIN BRANCH
South Taylor between Antisdale Ave and Superior Rd		
2,227,113.30810548	671,276.67684697	
LEE RD. & SUPERIOR AVE.		
2,224,449.07983814	672,366.92072946	HEIGHT = NA, WIDTH = NA, LENGTH = NA
EUCLID HEIGHTS BLVD AND LEE		
2,224,196.49208874	673,102.72798488	DUGWAY CREEK - MAIN BRANCH
EUCLID HEIGHTS BLVD/CUMBERLAND		
2,223,890.24106081	672,984.80925746	DUGWAY CREEK - MAIN BRANCH
1685 CUMBERLAND		
2,223,414.40769489	674,158.55920655	DUGWAY CREEK - MAIN BRANCH
CUMBERLAND/SOMERTON		
2,223,678.60992239	673,517.13791722	DUGWAY CREEK - MAIN BRANCH
2225 NOBLE RD		
2225 NOBLE ROAD		
2,227,020.20068015	682,910.03907888	NINE MILE CREEK - MAIN BRANCH
QUILLIAMS, N. OF RANDOLF		
2,229,594.65878581	682,393.53289405	NINE MILE CREEK - MAIN BRANCH
LANGTON AND ATHERSTONE		
2,228,126.76638040	684,188.23206055	
2,220,777.89623564	666,181.72575080	
2,218,501.67473823	671,997.54581206	
2,216,759.55453481	670,474.59347738	
2,224,536.21778722	668,887.44048372	
2,226,741.35609348	679,432.95121680	
2,226,591.76420106	679,420.92761880	

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2,227,825.14395215 684,881.15948047

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Work Order Assets

<u>Object Type</u>		<u>Description 1</u>			<u>Description 2</u>		
<u>System ID 1</u>	<u>System ID 2</u>	<u>Odometer</u>	<u>Hourmeter</u>	<u>Othermeter</u>	<u>PM Description</u>	<u>Asset ID</u>	<u>Completed</u>
Sewer Control Valve					FAIRFAX AT NORTH PARK		
SSO 431						26	
Sewer Control Valve					NORTH PARK AND COVENTRY		
SSO 114						16	
Sewer Control Valve					FAIRMOUNT SOUTH OF SCARBOROUGH		
SSO 121						35	
Sewer Structure							
SA16AAWB0						3094	
Sewer Control Valve					FAIRMOUNT AT FAIRFAX		
SSO 112						7	
Sewer Control Valve					FAIRMOUNT AT NORTH WOODLAND (S. SIDE)		
SSO 99						6	
Sewer Control Valve					3012 NORTH WOODLAND		
SSO 432						14	
Sewer Control Valve							
DB-03						55	
Sewer Control Valve							
DB-01						56	
Sewer Control Valve							
DB-02						57	
Sewer Control Valve					FAIRMOUNT AT DARTMOOR		
CH-04						5	
Sewer Control Valve					FAIRMOUNT AT WELLINGTON		
SSO 110						44	
Sewer Control Valve					FAIRMOUNT AT NORTH WOODLAND (N. SIDE)		
SSO 87						33	
Sewer Control Valve					FAIRMOUNT AT MARLBORO		
SSO 116						4	
Sewer Control Valve					FAIRMOUNT AT ARLINGTON		
SSO 111						46	
Sewer Control Valve					FAIRMOUNT & COVENTRY (SCARBOROUGH)		
SSO 113						37	
Sewer Control Valve					FAIRMOUNT AND COVENTRY		
SSO 124						47	
Sewer Control Valve					SCARBOROUGH AT LAMBERTON		
CH-50						53	
Sewer Control Valve					BRADFORD AND LEE		
SSO 129						11	
Sewer Control Valve					EDDINGTON		
CH-52						2	
Sewer Control Valve					HAMPSHIRE LANE AT MAYFIELD (18")		
SSO 88						42	
Sewer Control Valve					EAST OVERLOOK AT EDGEHILL		
SSO 122						36	
Sewer Control Valve					HAMPSHIRE LANE AT MAYFIELD (36")		
SSO 89						34	
Sewer Structure							
SA16ADZB0						1536	
Sewer Control Valve					HAMPSHIRE AT EUCLID HTS. BLVD.		
SSO 91						20	
Sewer Structure							
SA16ADPH0						4446	
Sewer Control Valve					CEDAR BTW. FAIRMOUNT/DEMINGTON		
SSO 120						8	
Sewer Control Valve					2828 BERKSHIRE, EAST OF COVENTRY		
SSO 103						19	
Sewer Control Valve					3003 EUCLID HEIGHTS BLVD		
SSO 104						15	

Work Order Detail Report

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so overflow inspections 9-22-2025 0.38'

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Sewer Structure		
SA16AGMG0		3402
Sewer Control Valve	South Taylor between Antisdale Ave and Superior F	
CH-30		52
Sewer Control Valve	LEE RD. & SUPERIOR AVE.	
DV-11		9
Sewer Control Valve	EUCLID HEIGHTS BLVD AND LEE	
SSO 108		22
Sewer Control Valve	EUCLID HEIGHTS BLVD/CUMBERLAND	
SSO 106		43
Sewer Control Valve	1685 CUMBERLAND	
SSO 95		18
Sewer Control Valve	CUMBERLAND/SOMERTON	
SSO 105		30
Sewer Structure		
SA16AQD0		4987
Sewer Structure		
SA16AQQC0		3745
Sewer Control Valve	2225 NOBLE ROAD	
SSO 102		3
Sewer Control Valve	QUILLIAMS, N. OF RANDOLF	
SSO 107		38
Sewer Control Valve	LANGTON AND ATHERSTONE	
CH-51		54
Sewer Structure		
SA16APEF0		1809

Work Order Detail Report

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Check List					
	Item	Completed	Condition	Completion Date/Time	Est Completion Date
1	A-37-FAIRFAX AT NORTH PARK SA16ACPG0	☐	Not Sound	9/24/2025/	
reset					
2	A-36-NORTH PARK AT COVENTRY SA16ACNB0 (IN MEDIAN-CEMENT)	☐	Sound	9/24/2025/	
meter installed					
3	A-2 FAIRMOUNT AT NORTH WOODLAND SA16AAWK0(MIDDLE OF THE ROAD)	☐	Sound	9/24/2025/	
4	A-6 FAIRMOUNT AT SHELBURNE ST16ZBJK0 (WEST BOUND LANE)	☐	Sound	9/24/2025/	
5	A-5 FAIRMOUNT AT SHELBURNE SA16AAXB0(ON THE SE CORNER IN THE SIDEWALK)	☐	Sound	9/24/2025/	
6	A-7 FAIRMOUNT AT SHELBURNE SA16AAVH0 (EAST BOUND)	☐	Sound	9/24/2025/	
7	A-4 FAIRMOUNT AT DARTMOOR SA16AAVB0(NW CORNER IN THE GRASS BY STOP SIGN)	☐	Sound	9/24/2025/	
8	A-3 FAIRMOUNT AT WELLINGTON SA16AAUW0 (INTERSECTION)	☐	Sound	9/24/2025/	
9	A-32 FAIRMOUNT AT ARLINGTON SA16AAUP0 (INTERSECTION)	☐	Sound	9/24/2025/	
10	A-38 FAIRMOUNT AT MARLBORO SA16AAUM0 (INTERSECTION)	☐	Sound	9/24/2025/	
meter installed					
11	A-35 2393 COVENTRY SA16AASK0 (INTERSECTION)	☐	Sound	9/24/2025/	
12	A-50 SCARBOROUGH AND LAMBERTON SA16AANE5 (INTERSECTION)	☐	Sound	9/24/2025/	
13	A-47 2528 STRATFORD SA16ACDB5 (INTERSECTION)	☐	Sound	9/24/2025/	
14	B-52 EDDINGTON NORTH OF AVONDALE SA16AHVE0	☐	Sound	/	
15	B-10 HAMPSHIRE LANE AT MAYFIELD SA16BACB0	☐	Sound	9/24/2025/	
16	B-11 HAMPSHIRE LANE AT MAYFIELD SA16AEEA0	☐	Sound	9/24/2025/	
17	B-61 2600 HAMPSHIRE SA16ADZB0	☐	Not Sound	9/24/2025/	
reset block					
18	B-13-HAMPSHIRE AT EUCLID HTS. BLVD. SA16ADPR0	☐	Sound	9/24/2025/	
19	B-46 EDGEHILL AT E OVERLOOK SA16AEPF0	☐	Not Sound	9/24/2025/	
reset block					
20	B-42 12537 CEDAR SA16ACZA0	☐	Sound	9/24/2025/	
21	B-15 COVENTRY AND CEDAR SA16ADBH0	☐	Sound	9/24/2025/	
22	B-23 2828 BERKSHIRE SA16AETA0	☐	Sound	9/24/2025/	
23	B-56 LEE AND MEADOWBROOK SA16AGMG0	☐	Sound	9/24/2025/	
24	C-30 S TAYLOR NORTH OF SUPERIOR SA16AIVF0	☐	Sound	9/24/2025/	
25	C-59 3427 THORNE RD SA16AQQD0	☐	Sound	9/24/2025/	
26	C-60 3415 THORNE RD SA16AQQC0	☐	Sound	9/24/2025/	
27	C-22 2225 NOBLE RD ST16ZLHB0	☐	Sound	9/24/2025/	
28	C-27 QUILLIAMS NORTH OF RANDOLPH SA16AOUQ0	☐	Sound	9/24/2025/	

9/26/2025

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Tasks/Resources						
SMCT36 Inspection						
Crew:	Status:	*Cal'c UC: \$7.72		*Task Cost: \$231.48		Start Dt: 9/24/2025
Supervisor:	UOM: Each	# of Units: 30.00		*Unit Cost: \$0.00		End Dt: 9/24/2025
Employee						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
22394 Cardarella, Joe	Hours	6.00	\$151.08		9/24/2025	9/24/2025
Equipment						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
CHFLT93 FORD F250 4 X 4 PICK UP	Hours	6.00	\$80.40		9/24/2025	9/24/2025
1						
Task Comment: sso overflow inspections 9-22-2025 0.38'						

Billed Party		Billing	
Customer ID:		Customer Number:	
Customer Name:		Last Name:	
Address:			
City:		Phone:	Cell #:
State:		Fax #:	
Zip:		E-mail:	
Billing Data			
Contact Name:		*Billing Amount:	Billing Required: ☐
Invoice Number:		Date Bill Sent:	Billing Processed: ☐
Incoming Account #:		Payment Received:	Imported to Financials: ☐
		Payment Method:	

Closed
☒

WO#: 250924-0001

Work Order Detail Report

9/26/2025

also overflow inspections 9-22-2025 0.38'

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Rate:	Opened At:	Televised:	☐
Recieved By:	Pipe Footage Cleaned:	Power Rooter:	☐
Work From:	Gallons Used:	Jet:	☐
Pipe Size:	WO User 23:	Gap Vac:	☐
Pipe Condition:	WO User 24:	Dye Test:	☐
Could Not Open:	WO User 9:	Gap Root Cut:	☐
Additional Repair:	User 10:	GIS Correction?:	☐
Dye Test Reason:	Appointment Date DNL	Test Tee Correction:	☐
Test Performed Throug	Appointment Date:	9/24/2025	8:00 AM
Dye Test Results:			
NO User 51:			
Measurement:	E Mail:		
History:	Measurement Line 2:		
Manhole Basin Repair:	Pipe Size:		
Material Used:	PVC Tees, Angles, Slec		
Pipe Repair:	WO User 44:		
Street Repair:	WO User 45:		
Grass Repair:	WO User 46:		
Curb Repair:			
Driveway- Sidewalk Re			
Construction Crew:			
NO User 39:			
NO User 40:	OUPS #:		
NO User 41:	WO User 48:		
NO User 52:	WO User 62:		
NO User 53:	WO User 63:		
NO User 54:	WO User 64:		
NO User 55:	WO User 65:		
NO User 56:	WO User 66:		
NO User 57:	WO User 67:		
NO User 58:	WO User 68:		
NO User 59:	WO User 69:		
NO User 60:	WO User 70:		
NO User 61:	WO User 71:		
NO User 72:	WO User 82:	Televised:	☐
NO User 73:	Quantity:	Paid:	☐
NO User 74:	WO User 84:	WO User 104:	☐
NO User 75:	WO User 85:	WO User 105:	☐
NO User 76:	WO User 86:	WO User 106:	☐
NO User 92 Date:	WO User 97 Date:		
NO User 93 Date:	WO User 98 Date:		
NO User 94 Date:	WO User 99 Date:		
NO User 95 Date:	WO User 100 Date:		
NO User 96 Date:	WO User 101 Date:		
NO User 77:	WO User 87:	WO User 107:	☐
NO User 78:	WO User 88:	WO User 108:	☐
NO User 79:	WO User 89:	WO User 109:	☐
NO User 80:	WO User 90:	WO User 110:	☐
NO User 81:	WO User 91:	WO User 111:	☐
NO Creator: jjackson	WO Creation Date: 9/24/2025	PM Trigger:	Rec #: 20615

8/29/2018	9/9/2018	9/25/2018	10/6/2018
1.14	1.64	0.53	0.7
0.77	1.6	0.43	0.82
N/A	N/A	N/A	N/A
1.3	1.79	0.48	0.52
0.82	1.92	0.41	0.51

Route A

CH-1	FAIRMOUNT AT NORTH WOODLAND (3041)
CH-2	FAIRMOUNT AT SOUTH WOODLAND (3026)
CH-3	FAIRMOUNT AT WELLINGTON (NORTH SIDE)
CH-4	FAIRMOUNT AT DARTMOOR (NORTH SIDE)
CH-5	FAIRMOUNT AT SHELBOURNE
CH-6	FAIRMOUNT AT SHELBOURNE
CH-7	FAIRMOUNT AT SHELBOURNE (NORTH SIDE)
CH-8	FAIRMOUNT AT LEE (NORTH SIDE)
CH-32	FAIRMOUNT AT ARLINGTON
CH-33	FAIRMOUNT AT FAIRFAX
CH-35	2393 COVENTRY - WEST OF FAIRMOUNT
CH-36	NORTH PARK AND COVENTRY (NORTHEAST CORNER)
CH-37	FAIRFAX AT NORTH PARK (NORTHWEST CORNER)
CH-38	FAIRMOUNT AT MARLBORO
CH-39	3012 NORTH WOODLAND
CH-45	2764 FAIRMOUNT (IN ISLAND)
CH-49	2765 FAIRMOUNT (EAST OF CHURCH)

ROUTE A

N	N	N	N
B	N	N	N
B	N	N	N
N	N	N	N
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N	N	N	N
B	B	N	N
B	N	B	N
B	N	B	N
N	N	N	N
B	N	N	N
N	MONITOR	MONITOR	N
N	N	N	N

Route B

CH-9	BRADFORD AT LEE
CH-10	HAMPSHIRE LANE AT MAYFIELD (NORTH VAULT)
CH-11	HAMPSHIRE LANE AT MAYFIELD (SOUTH VAULT)
CH-13	HAMPSHIRE LANE AT EUCLID HEIGHTS
CH-17	1685 CUMBERLAND

ROUTE B

B	N	N	MONITOR
B	N	N	N
N	N	N	N
N	N	N	NN
N	N	N	N

CH-25	CUMBERLAND AT SOMERTON	N	N	N	N
CH-26	EUCLID HEIGHTS AT CUMBERLAND	N	N	N	MONITOR
CH-27	QUILLIAMS - NORTH OF RANDOLPH	B	N	Y	N
CH-28	EUCLID HEIGHTS AT LEE	N	MONITOR	MONITOR	MONITOR

ROUTE C

Route C

32

CH-12	LEE AT SUPERIOR	N	MONITOR	MONITOR	MONITOR
CH-14	DERBYSHIRE AT EUCLID HEIGHTS	B	B	N	N
CH-15	COVENTRY AT CEDAR	N	N	B	N
CH-16	ST. JAMES AT DEMINGTON	N/A	N	N	N
CH-23	2828 BERKSHIRE	B	N	B	N
CH-24	3003 EUCLID HEIGHTS	N	MONITOR	MONITOR	N
CH-42	12537 CEDAR	N	N	N	N
CH-46	EDGEHILL AT EUCLID HEIGHTS	N	B	B	MONITOR
CH-47	2528 STRATFORD	N	N	N	N

SEWER DISTRICT

Sewer Dis

CH-30	TAYLOR ROAD NORTH OF SUPERIOR	N	N	N	N
CH-50	SCARBOROUGH ROAD AT LAMBERTON	N	N	N	N
CH-22	2225 NOBLE ROAD	N	N	N	N
CH-51	LANGTON AND ATHERSTONE	N	N	N	MONITOR
CH-52	EDDINGTON NORTH OF AVONDALE	N	B	N	N
CH-54	2806 FAIRMOUNT				
CH-55	3293 FENLEY				

10/15/2018	10/28/2018	11/1/2018	#####	11/9/2018	11/26/2018	12/3/2018	12/20/2018	1/2/2019	1/9/2019	1/23/2019	2/6/2019	
	1.12	1.47	1.91	0.6	0.32	0.89	0.26	0.4	0.88	0.82	0.98	0.27
	1.77	N/A	2.06	0.57	0.32	0.86	0.27	0.46	0.98	0.73	1.24	0.36
N/A	N/A	N/A		0.61	N/A	0.77	0.14	0.42	0.91	0.78	1.12	0.028
	1.02	1.12	2.08	0.48	0.26	0.83	0.35	0.5	1.01	0.7	1.13	0.29
	0.89	1.41	1.92	0.54	0.26	1.01	0.32	0.41	0.98	0.83	1.19	0.27

N	B	N	N	N	N	N	N	N	N	B	N
N	N	N	N	N	N	N	N	N	N	N	N
B	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
B	B	N	N	N	N	N	N	N	N	N	N
B	B	B	N	B	N	N	N	N	N	B	N
B	B	N	N	N	B	B	N	N	N	B	N
B	N	N	N	N	B	N	N	N	N	N	N
B	B	N	N	N	N	N	N	N	N	B	N
N	N	N	N	N	N	B	N	N	N	N	N
MONITOR	MONITOR	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	B	N
N	N	N	N	B	N	N	N	N	N	N	N
MONITOR	MONITOR	MONITOR	B	N	B	N	N	N	B	B	B
N	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	B	N	B	N

B	N	B	N	N	B	N	N	N	N	N	N
B	N	B	B	N	B	N	N	B	N	N	N
MONITOR	MONITOR	N	B	N	N	N	N	B	N	B	N
B	N	N	N	N	B	N	N	B	B	N	N

MONITOR	MONITOR	MONITOR	B	N	N	N	N	N	N	N	N
B	N	B	B	N	N	N	N	B	N	B	N
B	N	N	N	N		N	N	N	N	N	N
N	N	N/A	N	N		N	N	N	B	N	N
N	N	B	N	N		N	N	N	N	N	N
MONITOR	N	B	B	N		N	N	N	N	B	B
N	N	N	B	N		N	N	N	B	N	B
B	MONITOR	MONITOR	B	N		N	N	N	N	N	N
N	N	N	N	N		N	N	N	N	N	N

N	N	B	N	N		N	N	N	N	N	N	B
N	N	N	B	N		N	B	N	B	N	B	N
N	N	N	B	N		N	N	N	N	N	N	N
MONITOR	MONITOR	N	B	N		N	N	N	N	N	B	B
N	N	N	N	N		N	N	N	N	N	N	N

2/12/2019 3/14/2019 2/20/2019 3/30/2019

0.94	0.35	0.29	1.09
1.11	0.48	0.32	1.17
0.99	0.64	0.34	1.14
0.92	0.37	0.31	1.16
1	0.35	0.32	1.19

N	N	N	N
N	N	N	N
N	N	N	N
N	N	N	N

N	N	N	N
N	N	N	B
N	N	N	B
N	N	N	N
N	N	N	B
N	N	N	N
N	N	N	N
N	N	N	N
N	N	N	N

N	N	N	B
N	N	N	N
N	N	N	B
N	N	N	N
N	N	N	N

N	N	N	N
N	N	N	B
N	B	N	N
N	B	N	B

B	N	N	B
N	N	N	N
N	N	N	N
N	N	N	N
N	N	N	N
N	N	N	N
N	N	N	N
N	N	N	N
N	N	N	N

B	N	N	N
N	N	N	B
N	N	N	B
B	N	N	N
N	N	N	N
			N

DATE	4/15/2019	4/19/2019	4/29/2019	5/12/2019	5/26/2019	6/5/2019
CLEVELAND HEIGHTS	0.41	0.93	0.42	0.57	0.38	1.62
SOUTH EUCLID	0.84	1.07	0.52	0.64	0.22	1.53
DIVISION PS	0.56	1.13	0.53	0.56	0.55	1.38
SHAKER HEIGHTS	0.45	1.14	0.48	0.61	0.55	1.2
BEACHWOOD	0.55	1.04	0.49	0.59	0.38	1.43

ROUTE A

CH-1	FAIRMOUNT AT NORTH WOODLAND (3041)
CH-2	FAIRMOUNT AT SOUTH WOODLAND (3026)
CH-3	FAIRMOUNT AT WELLINGTON (NORTH SIDE)
CH-4	FAIRMOUNT AT DARTMOOR (NORTH SIDE)
CH-5	FAIRMOUNT AT SHELBOURNE
CH-6	FAIRMOUNT AT SHELBOURNE
CH-7	FAIRMOUNT AT SHELBOURNE (NORTH SIDE)
CH-8	FAIRMOUNT AT LEE (NORTH SIDE)
CH-32	FAIRMOUNT AT ARLINGTON
CH-33	FAIRMOUNT AT FAIRFAX
CH-35	2393 COVENTRY - WEST OF FAIRMOUNT
CH-36	NORTH PARK AND COVENTRY (NORTHEAST CORNER)
CH-37	FAIRFAX AT NORTH PARK (NORTHWEST CORNER)
CH-38	FAIRMOUNT AT MARLBORO
CH-39	3012 NORTH WOODLAND
CH-45	2764 FAIRMOUNT (IN ISLAND)
CH-49	2765 FAIRMOUNT (EAST OF CHURCH)
CH-50	SCARBOROUGH ROAD AT LAMBERTON

ROUTE B

CH-9	BRADFORD AT LEE
CH-10	HAMPSHIRE LANE AT MAYFIELD (NORTH VAULT)
CH-11	HAMPSHIRE LANE AT MAYFIELD (SOUTH VAULT)
CH-13	HAMPSHIRE LANE AT EUCLID HEIGHTS
CH-17	1685 CUMBERLAND

ROUTE A

N	N	N	N	N	N
N	N	N	N	N	N
N	N	N	N	N	N
N	N	N	N	N	N
N	N	N	N	N	N
N	N	N	N	N	N
N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A
B	N	N	N	N	N
N	B	N	B	N	B
N	B	B	B	N	B
N	N	N	N	N	B
N	N	N	N	N	B
B	N	N	N	N	N
N	N	N	N	N	N
N	N	N	N	N	N
N	N	N	N	N	N
N	N	B	N	N	B

ROUTE B

B	N	B	B	N	B
N	N	N	N	N	N
B	B	N	N	N	N
N	B	N	N	N	B
N	N	N	N	N	N

CH-22	2225 NOBLE ROAD	N	N	N	N	N	N
CH-25	CUMBERLAND AT SOMERTON	N	N	B	N	N	B
CH-26	EUCLID HEIGHTS AT CUMBERLAND	N	N	N	N	N	B
CH-27	QUILLIAMS - NORTH OF RANDOLPH	N	N	N	B	N	B
CH-28	EUCLID HEIGHTS AT LEE	B	N	N	N	B	B
CH-51	LANGTON AND ATHERSTONE	N	B	N	N	Y	B
CH-57	E MONMOUTH W OF DATRMOOR						
CH-58	E MONMOUTH AT EXETER						
CH-59	3427 THORNE						
CH-60	3415 THORNE						

ROUTE C

CH-12	LEE AT SUPERIOR	N	N	N	N	B	B
CH-14	DERBYSHIRE AT EUCLID HEIGHTS	N	N	N	N	N	B
CH-15	COVENTRY AT CEDAR	N	N	N	N	N	B
CH-16	ST. JAMES AT DEMINGTON	N	N	N	N	N/A	N/A
CH-23	2828 BERKSHIRE	N	N	N	N	N	N
CH-24	3003 EUCLID HEIGHTS	N	N	N	N	N	N
CH-30	TAYLOR ROAD NORTH OF SUPERIOR	B	B	B	B	Y	B
CH-42	12537 CEDAR	N	N	N	N	N	N
CH-46	EDGEHILL AT EUCLID HEIGHTS	N	N	N	N	N	B
CH-47	2528 STRATFORD	N	N	N	N	N	N
CH-52	EDDINGTON NORTH OF AVONDALE	N	N	N	N	N	N
CH-54	2806 FAIRMOUNT	N	N	N	N	N	N
CH-55	3293 FENLEY					N	B
CH-61	2600 HAMPSHIRE						

ROUTE C

6/16/2019	6/25/2019	6/10/2019	7/20/2019	7/31/2019	8/6/2019	8/19/2019	9/11/2019	9/13/2019	10/14/2019	10/26/2019
1.16	1.36	1.05	0.44	0.85	1.15	0.59	1.13	1.67	0.41	0.52
1.33	0.86	1.13	0.7	0.64	1.15	0.64	0.97	0.91	0.55	0.67
1.19	0.48	0.9	0.19	0.25	1.52	0.58	0.49	0.52	0.33	0.73
1.31	1.64	1.07	0.03	0.19	1.48	0.43	0.3	2.13	0.28	0.53
1.14	2.03	1.08	0.26	0.46	1.28	0.71	1.14	2.39	0.39	0.6

[illegible]

[illegible][illegible]

DATE	11/11/2019	12/1/2019	12/9/2019
CLEVELAND HEIGHTS	0.56	0.62	0.45
SOUTH EUCLID	0.68	0.56	0.47
DIVISION PS	0.72	0.52	0.47
SHAKER HEIGHTS	0.59	0.59	0.52
BEACHWOOD	0.53	0.82	0.55

ROUTE A

CH-1	FAIRMOUNT AT NORTH WOODLAND (3041)	N	N	N
CH-2	FAIRMOUNT AT SOUTH WOODLAND (3026)	N	N	N
CH-3	FAIRMOUNT AT WELLINGTON (NORTH SIDE)	N	N	N
CH-4	FAIRMOUNT AT DARTMOOR (NORTH SIDE)	N	N	N
CH-5	FAIRMOUNT AT SHELBOURNE	N	N	N
A-6	FAIRMOUNT AT SHELBOURNE	N	N	N
CH-7	FAIRMOUNT AT SHELBOURNE (NORTH SIDE)	N	N	N
CH-8	FAIRMOUNT AT LEE (NORTH SIDE)	N/A	N/A	N/A
CH-32	FAIRMOUNT AT ARLINGTON	N	B	N
CH-33	FAIRMOUNT AT FAIRFAX	N	N	N
B	2393 COVENTRY - WEST OF FAIRMOUNT	N	N	N
CH-36	NORTH PARK AND COVENTRY (NORTHEAST CORNER)	N	N	N
CH-37	FAIRFAX AT NORTH PARK (NORTHWEST CORNER)	N	N	N
CH-38	FAIRMOUNT AT MARLBORO	N	N	N
CH-39	3012 NORTH WOODLAND	N	N	N
CH-45	2764 FAIRMOUNT (IN ISLAND)	N	N	N
CH-49	2765 FAIRMOUNT (EAST OF CHURCH)	N	N	B
CH-50	SCARBOROUGH ROAD AT LAMBERTON	N	N	N

ROUTE B

	BRADFORD AT LEE	B	B	B
CH-10	HAMPSHIRE LANE AT MAYFIELD (NORTH VAULT)	N	N	N
CH-11	HAMPSHIRE LANE AT MAYFIELD (SOUTH VAULT)	N	N	N
CH-13	HAMPSHIRE LANE AT EUCLID HEIGHTS	N	N	N
CH-17	1685 CUMBERLAND	N	N	B
CH-22	2225 NOBLE ROAD	N	N	N
CH-25	CUMBERLAND AT SOMERTON	N	B	B
CH-26	EUCLID HEIGHTS AT CUMBERLAND	N	B	N
CH-27	QUILLIAMS - NORTH OF RANDOLPH	N	N	N
CH-28	EUCLID HEIGHTS AT LEE	N	N	N
CH-51	LANGTON AND ATHERSTONE	N	N	N
CH-57	E MONMOUTH W OF DARTMOOR	N	N	N
CH-58	E MONMOUTH AT EXETER	N	N	N
CH-59	3427 THORNE	N	N	N
CH-60	3415 THORNE	N	N	N

ROUTE C

CH-12	LEE AT SUPERIOR	N	N	N
CH-14	DERBYSHIRE AT EUCLID HEIGHTS	N	N	N
CH-15	COVENTRY AT CEDAR	N	N	N
CH-16	ST. JAMES AT DEMINGTON	N/A	N/A	N/A
CH-23	2828 BERKSHIRE	N	N	N
CH-24	3003 EUCLID HEIGHTS	N	N	N
CH-30	TAYLOR ROAD NORTH OF SUPERIOR	N	N	B
CH-42	12537 CEDAR	N	N	N
CH-46	EDGEHILL AT EUCLID HEIGHTS	N	N	N
CH-47	2528 STRATFORD	N	N	N
B	EDDINGTON NORTH OF AVONDALE	N	N	N
CH-54	2806 FAIRMOUNT	N	N	N
CH-55	3293 FENLEY	N	N	N
CH-61	2600 HAMPSHIRE	N	N	N
CH-56	MEADOWBROOK AND LEE			

N NO OVERFLOW
 B OVERFLOW
 NB NEEDS BLOCK
 N/L CANNOT LOCATE

12/14/2019	12/30/2019	1/10/2020	1/18/2020	1/24/2020	2/6/2020	2/26/2020	3/3/2020	3/10/2020
0.51	0.42	0.81	0.61	0.35	0.48	0.32	0.4	0.32
0.54	0.47	0.89	0.76	0.39	N/A	0.25	0.37	0.28
0.5	0.46	0.82	0.7	0.32	0.04	0.24	0.29	0.25
0.52	0.49	0.81	0.7	0.41	0.35	0.34	0.33	0.28
0.47	0.47	1.04	0.77	0.44	0.19	0.28	0.39	0.35

ROUTE A

N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	Y	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	Y	N	N	N	N/C	B
N	N	N	N	Y	N	N	N/C	N
N	N	N	N	N	N	N	N/C	B
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	B	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	B	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	B
N	B	B	N	N	N	N	B	N
N	N	N	N	N	N	N	N	N
N	B	N	N	N	N	N	N/L	N
N	N	N	N	N	N	N	N	N
N	B	N	N	B	N	B	N	N

ROUTE B

N	B	N	N	B	B	B	N	N
N	N	N	N	B	N	N	N	N
N	N	N	N	N	N	N	N	N
N	B	N	N	N	N	N	N	N
N	B	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	B	N	N	N	N	N	B	B
N	N	N	N	N	N	N	N	N
N	N	B	B	N	N	N	N	N
B	N	B	B	N	N	N	N	N
B	N	B	N	N	B	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	B	N	B	N
B	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N

ROUTE C

N	N	B	N	N	N	N	N	N
N	N	N	N	N	B	N	N	N
N	NB	N	N	N	N	N	N	B
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	B	N	N	N	N
N	N	N	N	N	N	N	N	N
N	B	N	N	N	N	N	N	N
B	N	N	N	N	N	N	N	N
N	B	N	N	N	B	N	N	N
N	N	N	N	N	N	N	N	N
N	NB	N	N	N	N	N	N	B
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N/C	N

N	N	B	N	N	N	N	N	N
N	N	B	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	B	N	N	N	B	B	B
B	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	B	B
N	N	N	N	N	N	N	B	N
N	N	N	N	B	N	NB	N	N
N	N	N	N	N	N	N	N	N
N	N	N/L	N	N	N	N	N	N
N	N	N	N	N	N	N	N	B
N/L	N	N/L	N	N	N	N	N/L	N

6/23/2020	7/11/2020	7/19/2020	7/27/2020	8/1/2020	8/16/2020	8/28/2020	9/2/2020	9/7/2020
0.77	N/A	0.38	0.49	0.34	0.32	1.21	0.69	3.59
1	2.84	0.21	0.23	0.28	0.48	2.1	0.38	2.55
0.86	1.34	0.25	0.73	0.38	0.82	1.73	0.27	3.47
0.52	2.88	0.55	0.98	0.45	0.41	2.16	0.57	4.02
0.47	3.55	0.55	1.11	0.52	0.28	1.7	0.82	3.8

N	B	B	N	N	N	N	N	B
N	B	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	B	N	B
N	N	N	N	N	N	B	N	N
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	B
B	B	B	N	N	B	N	N	B
B	N	B	N	B	B	N	N	B
N	N	N	N	N	B	N	N	B
N	N	N	N	N	B	N	N	B
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	B
N	N	N	N	N	N	N	N	B
B	B	N	N	N	N	N	N	N
N	B	B	B	N	B	B	N	B
N	N	N	N	N	N	N	N	N
N	B	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	B	N	N	N	N	B
N	N	N	N	N	N	N	N	N
N	N	B	NB	B	N	B	N	B
N	B	N	N	N	B	B	N	B
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	B	N	B
N	N	N	N	N	N	N	B	B
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	B	N	N	N

B	B	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	B	N
B	N	N	N	N	N	N	N
B	B	N	N	B	N	B	B
B	N	N	N	B	B	N	N
N	B	N	N	B	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	B	N	N	B	N	N	N
B	B	B	B	B	B	N	B

N	B	N	N	B	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
B	B	N	N	N	B	N	B	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	B	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
B	B	N	B	B	B	B	B	B

CLN
COULD
NOT
LOCATE
SNOW

B	N	N	N	B	B	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
B	B	B	B	B	N	N	B	N
N	N	N	B	N	N	N	N	N
N	N	B	N	B	B	N	N	B
N	N	N	N	N	N	B	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	NB	N	NB	N	N	B
B	N	N	N	N	B	B	N	N

8/25/2021	9/15/2021	9/22/2021	10/7/2021	10/16/2021	10/24/2021	10/29/2021	11/11/2021
0.29	0.71	2.02	1.16	0.8	1.15	0.55	0.45
0.32	0.94	2.05	0.48	0.48	0.95	0.55	0.49
0.26	0.94	1.98	0.63	0.3	0.94	0.6	0.34
0.65	0.6 N/A		0.64	0.76	1.26	0.62	0.44
0.33	0.48	1.49	0.92	0.85	1.14	0.61	0.52

N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
B	N	N	N	N	N	B	N
N	N	B	B	N	N	B	B
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N
B	B	B	B	B	B	B	N
N	B	B	B	N	B	N	N
N	B	N	N	N	N	N	B
B	B	B	B	N	B	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	B
N	N	N	N	N	N	N	N
B	B	B	B	N	N	B	B
B	B	B	B	B	B	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
B	N	N	B	N	N	N	N
N	N	N	N	N	N	B	B
N	N	N	N	N	N	N	N
B	N	N	N	B	N	N	B
N	N	N	N	B	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	B	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	B
N	N	N	N	N	N	N	B

B	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
B	B	B	N	B	B	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	B
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	B	N	N	N	N	N
N	N	N	N	N	N	N	N
N	N	N	N	N	B	N	N

12/11/2021	12/18/2021	1/1/2022	1/9/2022	2/17/2022	2/25/2022	3/7/2022	3/23/2022	4/11/2022
0.55	0.5	0.49	0.41	1.16	0.33	0.89	0.73	0.98
0.67	0.45	0.47	0.4	0.91	0.34	0.7	0.76	1.04
0.62	0.5	0.5	0.41	0.97	0.31	0.72	0.64	0.69
0.64	0.46	0.43	0.34	1.19	0.34	0.99	0.73	0.9
0.66	0.48	0.43	0.39	1.01	0.36	0.93	0.92	1.25

N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	B	N	N	N	N	N	N	N
B	N	B	N	B	N	N	N	N
B	B	N	N	N	N	N	N	N
B	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
B	B	B	B	B	B	B	B	N
N	B	N	N	B	N	N	N	N
B	N	N	N	B	N	N	B	N
N	N	N	N	B	N	B	N	B
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	B	N	B	N	N	B	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	B	N
N	N	B	N	B	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
B	N	B	N	N	N	N	N	B
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	CNL	N
N	N	N	N	B	N	N	N	N
N	N	N	N	N	N	N	N	N
B	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	B	N	N	B	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	B	NB	N	N	N
N	N	B	N	N	N	N	N	B

N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
B	B	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
B	N	B	B	B	N	NB	NB	B
N	N	N	N	N	N	N	N	N
B	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	B	N	N	N	N

N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	B
N	B	N	N	N	N	N	N	B
N	N	N	N	N	N	N	N	B
N	N	N	B	N	N	N	N	N
N	N	N	N	N	N	B	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
B	N	N	N	N	N	N	N	B
N	N	N	N	N	N	N	N	B
N	N	N	N	B	N	N	N	N

N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	B	N	B	N	N	N	B	N
N	N	N	N	N	N	N	N	N
B	B	B	B	N	B	N	N	N
N	N	N	N	N	N	N	B	N
N	N	N	N	N	N	N	B	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
B	N	N	N	N	N	N	B	B

B	N	B	N	N	B	B	B	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	B	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N	N	N
N	B	N	N	N	N	N	N	N
N	N	N	N	N	N	B	N	N
N	B	B	B	B	B	B	B	N
N	B	B	N	N	N	B	N	N
N	N	B	B	N	N	B	N	N
N	N	N	B	N	N	N	N	B
N	N	N	N	N	N	B	N	B
N	N	N	B	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	B	N	B	B	B	N	B
N	B	N	N	N	B	N	B	N

C	C	C	C	C	C	C	C	C
C	C	C	C	C	C	C	C	C
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	B	N	N	N	B	N	N
C	C	C	C	C	C	C	C	C
N	N	N	N	N	N	N	B	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
C	C	C	C	C	C	C	C	C
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	B	N
N	N	B	N	N	N	N	N	N

7/23/2024	8/6/2024	9/6/2024	9/24/2024	9/29/2024	10/13/2024	11/10/2024	11/22/2024	12/9/2024
1.06	0.97	1.12	0.42	0.25	1.2	0.56	1.22	0.71
0.77	1.01	1.18	0.32	0.29	1.5	0.45	0.71	0.71
0.22	0.67	1.15	0.38	0.29	1.12	0.48	0.42	0.65
1.51	0.96	0.87	0.43	0.25	0.87	0.65	1.42	N/A
1.15	0.82	0.89	0.44	0.31	0.98	0.7	1.16	0.72

N	N	N	B	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	B	N	N	N	N	N	N	N
N	B	N	N	N	N	B	B	N
N	N	N	N	N	N	N	N	N
C	C	C	C	C	C	C	C	C
C	C	C	C	C	C	C	C	C
C	C	C	C	C	C	C	C	C
B	B	B	B	N	B	N	N	N
B	N	N	N	N	N	N	N	N
N	N	N	N	N	B	N	N	N
N	N	N	N	N	B	N	N	N
N	N	N	B	N	N	N	N	N
C	C	C	C	C	C	C	C	C
C	C	C	C	C	C	C	C	C
N	N	B	N	N	B	N	B	B
N	B	B	N	N	B	N	B	N
N	N	N	N	N	N	B	N	N
N	N	N	N	N	N	N	N	N
N	B	B	N	B	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	B	N
N	N	N	N	N	N	N	N	N
C	C	C	C	C	C	C	C	C
C	C	C	C	C	C	C	B	C
C	C	C	C	C	C	C	C	C
N	B	N	B	N	B	N	N	N
C	C	C	C	C	C	C	C	C
N	N	N	N	N	N	N	N	N
C	C	C	C	C	C	C	C	C
	N	N	N	N	N	N	N	N

C	C	N	C	C	C	C	C	C
C	C	C	C	C	C	C	C	C
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
C	C	C	C	C	C	C	C	C
N	N	B	B	N	B	B	N	N
N	N	N	N	N	N	N	N	N
B	N	N	N	N	N	B	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	B	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N
N	N	N	B	N	N	N	N	N

C	C	C	C	C	C	C	C	C
C	C	C	C	C	C	C	C	C
N	N	N	N	N	N	N	N	N
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	N	N	N	N	N	N	N	N
C	C	C	C	C	C	C	C	C
B	N	N	N	B	N	N	N	N
N	N	N	N	N	N	N	N	N
B	B	N	N	N	N	N	N	B
N	N	N	B	N	N	N	N	N
N	N	N	N	N	N	N	B	N
N	N	N	N	N	N	N	N	N
N	B	N	N	N	B	N	N	N
B	B	B	N	N	B	N	B	N
N	N	N	N	B	N	N	N	N

9/22/2025

0.38

0.23

0.17

n/a

0.36

N

N

N

N

N

N

N

C

C

C

N

N

B

N

N

C

C

N

N

N

N

N

N

N

C

C

C

B

C

N

C

N

C

C

N

N/A

N

C

N

N

B

N

N

N

N

B

N