



Law Department

April 15, 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: March 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 March 31, 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,

A handwritten signature in blue ink, appearing to read "William R. Hanna".

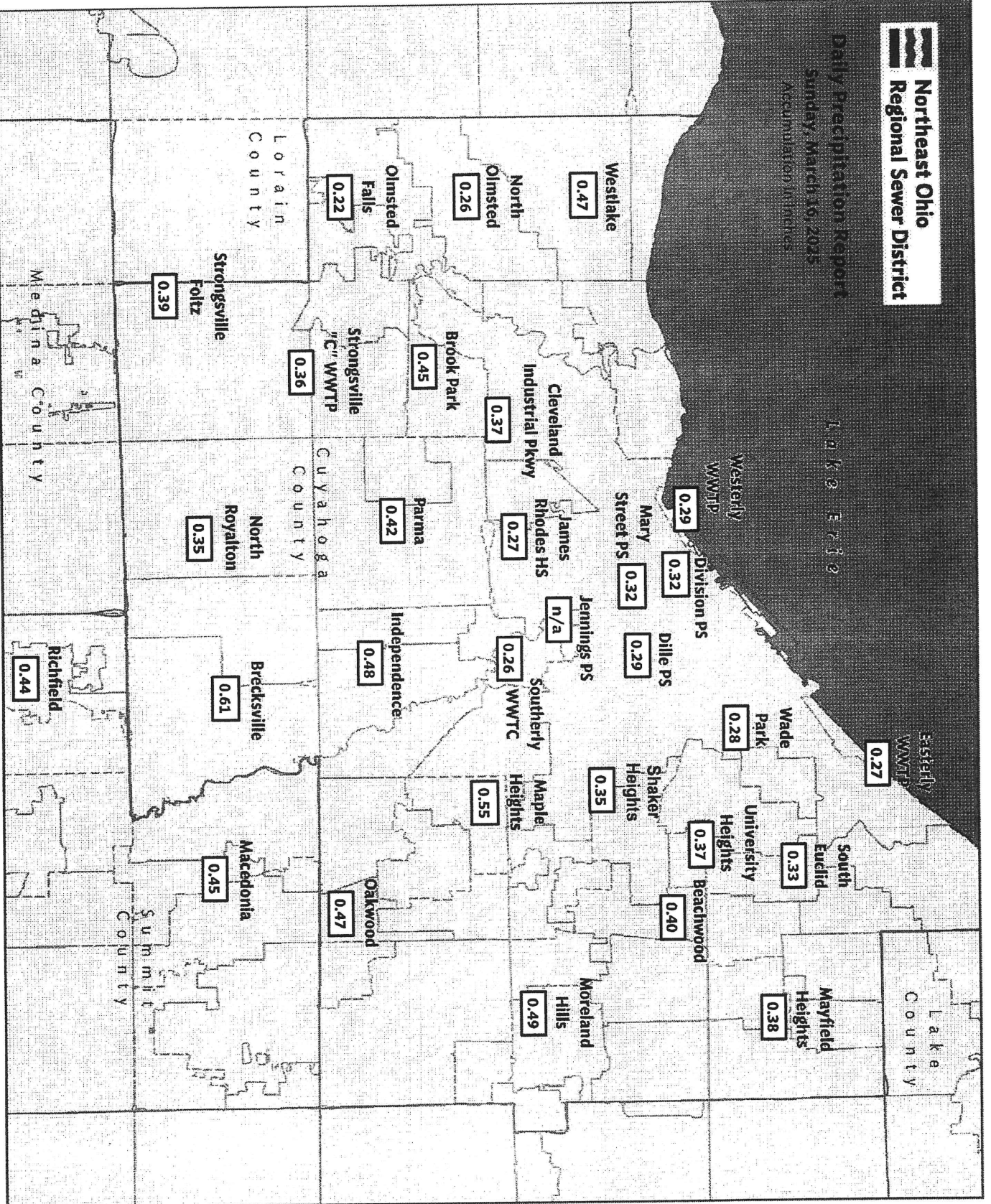
William R. Hanna
Director of Law

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
Allison Cycyk, Ohio EPA
Casey Galligan, Ohio EPA
David Brumbaugh, Ohio EPA
Bill Fischbein, Ohio EPA
Kahlil Seren, Mayor
Dan Horrigan, City Administrator
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)
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
Sunday, March 16, 2025
 Accumulation 16.1 inches



Northeast Ohio Regional Sewer District **Daily Precipitation Report** Sunday, March 16, 2025

Site Location	Peak Accumulation (inches)					
	24-Hour	6-Hour	3-Hour	1-Hour	15-Minute	5-Minute
Beachwood	0.40	0.28	0.17	0.12	0.10	0.07
Brecksville	0.61	0.44	0.29	0.24	0.20	0.12
Brook Park	0.45	0.30	0.27	0.27	0.26	0.18
Cleveland Industrial Pkwy	0.37	0.23	0.21	0.21	0.20	0.13
Dille Ave PS	0.29	0.17	0.10	0.10	0.09	0.05
Division Ave PS	0.32	0.16	0.14	0.14	0.13	0.08
Easterly WWTP	0.27	0.17	0.11	0.09	0.07	0.04
Independence	0.48	0.25	0.19	0.19	0.19	0.16
James Rhodes HS	0.27	0.14	0.12	0.12	0.11	0.08
Jennings PS	n/a	n/a	n/a	n/a	n/a	n/a
Macedonia	0.45	0.36	0.19	0.15	0.14	0.12
Maple Heights	0.55	0.43	0.33	0.29	0.25	0.14
Mary Street PS	0.32	0.18	0.11	0.10	0.10	0.06
Mayfield Heights	0.38	0.25	0.14	0.06	0.05	0.04
Moreland Hills	0.49	0.33	0.18	0.13	0.12	0.10
North Olmsted	0.26	0.16	0.10	0.10	0.08	0.04
North Royalton	0.35	0.22	0.13	0.09	0.08	0.06
Oakwood	0.47	0.34	0.18	0.13	0.12	0.11
Olmsted Falls	0.22	0.15	0.09	0.06	0.05	0.02
Parma	0.42	0.22	0.15	0.15	0.14	0.11
Richfield	0.44	0.34	0.18	0.13	0.11	0.09
Shaker Heights	0.35	0.22	0.13	0.09	0.06	0.04
South Euclid	0.33	0.20	0.12	0.07	0.06	0.03
Southerly WWTC	0.26	0.15	0.09	0.07	0.07	0.06
Strongsville C WWTP	0.36	0.19	0.14	0.14	0.13	0.10
Strongsville Foltz	0.39	0.23	0.17	0.17	0.17	0.12
University Heights	0.37	0.25	0.17	0.13	0.10	0.06
Wade Park	0.28	0.19	0.12	0.07	0.06	0.04
Westerly WWTP	0.29	0.15	0.12	0.12	0.11	0.06
Westlake	0.47	0.26	0.26	0.26	0.24	0.15

WO Number: 250319-0001

Category: SSOs

Status: Closed In Field

Problem: Storm Response

Status Date: 3/21/2025 3:27 pm

Main Task: Inspection

Asset: SSO 431

Location: FAIRFAX AT NORTH PARK

Cause: Weather

Assigned By:

Assigned Crew:

Assigned Date:

Supervisor: Jackson, Jeff

Start Date: 3/19/2025 12:00 AM

Override

Lead Worker: Manco, Angelo

End Date: 3/19/2025 3:00 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

Work Order Detail Report

3/24/2025

also overflow inspections 3/19/2025 0.37'

7:49 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

3/24/2025

ssso overflow inspections 3/19/2025 0.37'

7:49 AM

2,227,825.14395215 684,881.15948047

Work Order Detail Report

3/24/2025

ssso overflow inspections 3/19/2025 0.37'

7:49 AM

Work Order Assets

Object Type		Description 1			Description 2		Completed
System ID 1	System ID 2	Odometer	Hourmeter	Othermeter	PM Description	Asset ID	
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

3/24/2025

so overflow inspections 3/19/2025 0.37'

7:49 AM

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		
SA16AQQD0		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

3/24/2025

iso overflow inspections 3/19/2025 0.37'

7:49 AM

Check List				
	Item	Completed	Condition	Completion Date/Time
1	A-37-FAIRFAX AT NORTH PARK SA16ACPG0	☐	Sound	3/19/2025/
2	A-36-NORTH PARK AT COVENTRY SA16ACNB0 (IN MEDIAN-CEMENT)	☐	Sound	3/19/2025/
3	A-39-3012 NORTH WOODLAND SA16AAWM5 (TREE LAWN)	☐	Sound	3/19/2025/
4	A-2 FAIRMOUNT AT NORTH WOODLAND SA16AAWK0(MIDDLE OF THE ROAD)	☐	Sound	3/19/2025/
5	A-6 FAIRMOUNT AT SHELBURNE ST16ZBJK0 (WEST BOUND LANE)	☐	Sound	3/19/2025/
6	A-5 FAIRMOUNT AT SHELBURNE SA16AAXB0(ON THE SE CORNER IN THE SIDEWALK)	☐	Sound	3/19/2025/
7	A-7 FAIRMOUNT AT SHELBURNE SA16AAVH0 (EAST BOUND)	☐	Sound	3/19/2025/
8	A-4 FAIRMOUNT AT DARTMOOR SA16AAVB0(NW CORNER IN THE GRASS BY STOP SIGN)	☐	Not Sound	3/19/2025/
Missing block				
9	A-3 FAIRMOUNT AT WELLINGTON SA16AAUW0 (INTERSECTION)	☐	Sound	3/19/2025/
10	A-1 3041 FAIRMOUNT SA16AAUT0 (TREE LAWN NEAR SIDEWALK)	☐	Sound	3/19/2025/
11	A-32 FAIRMOUNT AT ARLINGTON SA16AAUP0 (INTERSECTION)	☐	Not Sound	3/19/2025/
Reset block				
12	A-38 FAIRMOUNT AT MARLBORO SA16AAUM0 (INTERSECTION)	☐	Sound	3/19/2025/
13	A-35 2393 COVENTRY SA16AASK0 (INTERSECTION)	☐	Not Sound	3/19/2025/
Reset block				
14	A-50 SCARBOROUGH AND LAMBERTON SA16AANE5 (INTERSECTION)	☐	Not Sound	3/19/2025/
No block				
15	A-47 2528 STRATFORD SA16ACDB5 (INTERSECTION)	☐	Sound	3/19/2025/
16	A-57 E MONMOUTH SA16AFWA5 WEST OF (DARTMOOR NEAR LEE)	☐	Sound	3/19/2025/
17	A-58 E MONMOUTH AT EXETER (INTERSECTION)	☐	Sound	3/19/2025/
18	A-9 BRADFORD AT LEE SA16AFLL0 (INTERSECTION)	☐	Sound	3/19/2025/
19	B-52 EDDINGTON NORTH OF AVONDALE SA16AHVE0	☐	Sound	3/19/2025/
20	B-10 HAMPSHIRE LANE AT MAYFIELD SA16BACB0	☐	Sound	3/19/2025/
21	B-11 HAMPSHIRE LANE AT MAYFIELD SA16AEEA0	☐	Not Sound	3/19/2025/
Reset block				
22	B-61 2600 HAMPSHIRE SA16ADZB0	☐	Sound	3/19/2025/
23	B-13-HAMPSHIRE AT EUCLID HTS. BLVD. SA16ADPR0	☐	Sound	3/19/2025/
24	B-46 EDGEHILL AT E OVERLOOK SA16AEPF0	☐	Sound	3/19/2025/
25	B-42 12537 CEDAR SA16ACZA0	☐	Sound	3/19/2025/
Not on list				
26	B-15 COVENTRY AND CEDAR SA16ADBH0	☐	Sound	3/19/2025/
27	B-23 2828 BERKSHIRE SA16AETA0	☐	Sound	3/19/2025/

Work Order Detail Report

3/24/2025

sso overflow inspections 3/19/2025 0.37'

7:49 AM

28	B-56 LEE AND MEADOWBROOK SA16AGMG0	☐	Sound	3/19/2025/
29	C-30 S TAYLOR NORTH OF SUPERIOR SA16AIVF0	☐		/
30	C-59 3427 THORNE RD SA16AQQD0	☐	Sound	3/19/2025/
31	C-60 3415 THORNE RD SA16AQQC0	☐	Sound	3/19/2025/
32	C-22 2225 NOBLE RD ST16ZLHB0	☐	Not Sound	3/19/2025/
No block				
33	C-27 QUILLIAMS NORTH OF RANDOLPH SA16AOUQ0	☐	Sound	3/19/2025/
34	C-51 ATHERSTONE AND LANGTON SA16AOKA0	☐	Sound	3/19/2025/
35	C-55 3593 FENLEY SA16APEH0	☐	Sound	3/19/2025/

Tasks/Resources

SMCT36 Inspection

Crew: Status: *Cal'c UC: \$0.00 *Task Cost: \$392.88 Start Dt: 3/19/2025
Supervisor: UOM: # of Units: 0.00 *Unit Cost: \$0.00 End Dt: 3/19/2025

Employee

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
11213 Owens, Will	Hours	4.00	\$105.60		3/19/2025	3/19/2025
12459 Eathridge, David	Hours	4.00	\$105.60		3/19/2025	3/19/2025
19356 Manco, Angelo	Hours	4.00	\$111.08		3/19/2025	3/19/2025

Equipment

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
CHFLT55 FORD 350 CREW CAB 9	Hours	4.00	\$70.60		3/19/2025	3/19/2025

SMCT36 Inspection

Crew: Status: *Cal'c UC: \$0.00 *Task Cost: \$0.00 Start Dt: 3/19/2025
Supervisor: UOM: Each # of Units: 35.00 *Unit Cost: \$0.00 End Dt: 3/19/2025

Task Comment: sso overflow inspections 3/19/2025 0.37'

		*Actual	*Estimated	*Difference
Projected Complete:	Lock: ☐	WO Duration	15.00	0.00
Repair Type:		Labor Hours	12.00	0.00
Subcontractor:		Labor Costs	\$322.28	\$0.00
Profit Center:		Material Costs	0.00	0.00
		Fluids Costs	0.00	0.00
Quantity:	0.00 Lock: ☐	Equipment Costs	70.60	0.00
Unit of Measure:	Each	Contractor Costs	0.00	0.00
Unit Cost:	\$0.00	Misc. Costs	0.00	0.00
NO Hours:	0.00	Total Costs	\$392.88	\$0.00
		Use Task Info:	True	True

Billing

Billed Party

Customer ID:	Customer Number:
Customer Name:	Last Name:
Address:	Phone:
City:	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:	

Associated PMs		
PM Code and Description	Closed	
SSO-02 SSO INSPECTION	☒	

Tracking	Description	By	Date	Time
Work Order Creation	From Routine Work SSO-02 - SSO INSPECTION	jjackson	3/19/2025	7:23 AM
Supervisor Notification	Email Queued Successfully!	jjackson	3/19/2025	7:23 AM
Leadworker Notification	Email Queued Successfully!	jjackson	3/19/2025	7:24 AM
Status Change	From New Work Order to Closed In Field	dhooten	3/21/2025	3:27 PM

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:

Manhole Basin Repair:

Material Used:

Pipe Repair:

Street Repair:

Grass Repair:

Curb Repair:

Driveway- Sidewalk Re

Construction Crew:

WO User 39:

WO User 40:

WO User 41:

Opened At:

Pipe Footage Cleaned :

Gallons Used:

WO User 23:

WO User 24:

WO User 9:

User 10:

Appointment Date DNL

Appointment Date: 3/19/2025 8:00 AM

E Mail:

Measurement Line 2:

Pipe Size:

PVC Tees, Angles, Slec

WO User 44:

WO User 45:

WO User 46:

Televised: ☐

Power Rooter: ☐

Jet: ☐

Gap Vac: ☐

Dye Test: ☐

Gap Root Cut: ☐

GIS Correction?: ☐

Test Tee Correction: ☐

WO User 52:

WO User 53:

WO User 54:

WO User 55:

WO User 56:

WO User 57:

WO User 58:

WO User 59:

WO User 60:

WO User 61:

WO User 72:

WO User 73:

WO User 74:

WO User 75:

WO User 76:

WO User 62:

WO User 63:

WO User 64:

WO User 65:

WO User 66:

WO User 67:

WO User 68:

WO User 69:

WO User 70:

WO User 71:

WO User 82:

Quantity:

WO User 84:

WO User 85:

WO User 86:

Televised: ☐

Paid: ☐

WO User 104:

WO User 105:

WO User 106:

WO User 92 Date:

WO User 93 Date:

WO User 94 Date:

WO User 95 Date:

WO User 96 Date:

WO User 97 Date:

WO User 98 Date:

WO User 99 Date:

WO User 100 Date:

WO User 101 Date:

Work Order Detail Report

3/24/2025

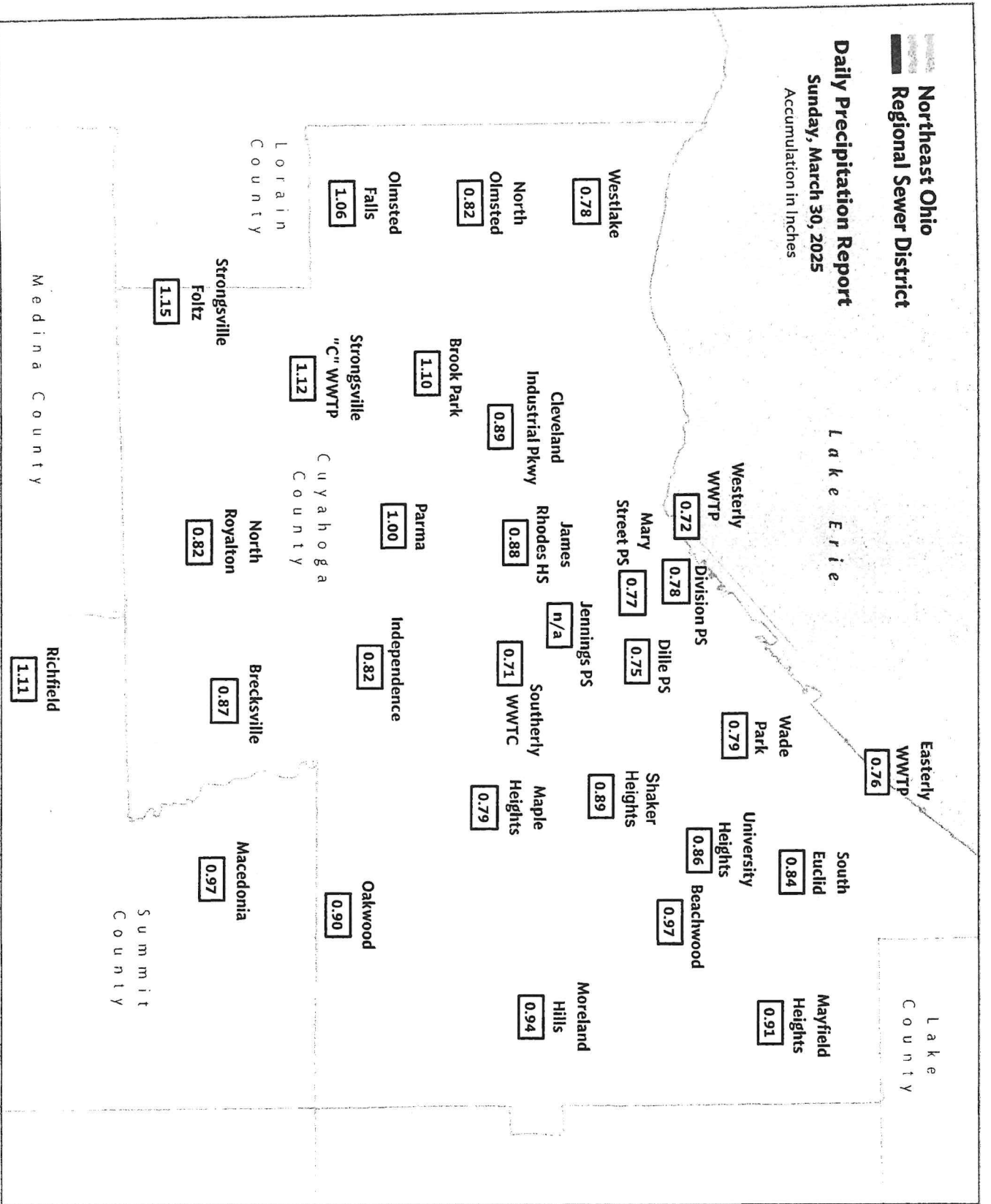
so overflow inspections 3/19/2025 0.37'

7:49 AM

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: 3/19/2025	PM Trigger:	Rec #: 16171

**Northeast Ohio
Regional Sewer District**

Daily Precipitation Report
Sunday, March 30, 2025
Accumulation in Inches



Northeast Ohio Regional Sewer District **Daily Precipitation Report** Sunday, March 30, 2025

Site Location	Peak Accumulation (inches)					
	24-Hour	6-Hour	3-Hour	1-Hour	15-Minute	5-Minute
Beachwood	0.97	0.46	0.46	0.45	0.29	0.19
Brecksville	0.87	0.50	0.50	0.46	0.36	0.18
Brook Park	1.10	0.67	0.67	0.57	0.39	0.29
Cleveland Industrial Pkwy	0.89	0.49	0.49	0.41	0.28	0.20
Dille Ave PS	0.75	0.36	0.36	0.34	0.21	0.13
Division Ave PS	0.78	0.38	0.38	0.33	0.20	0.12
Easterly WWTP	0.76	0.50	0.43	0.30	0.17	0.08
Independence	0.82	0.44	0.44	0.41	0.24	0.11
James Rhodes HS	0.88	0.52	0.52	0.48	0.36	0.21
Jennings PS	n/a	n/a	n/a	n/a	n/a	n/a
Macedonia	0.97	0.50	0.50	0.47	0.32	0.14
Maple Heights	0.79	0.44	0.44	0.44	0.28	0.16
Mary Street PS	0.77	0.38	0.38	0.35	0.22	0.11
Mayfield Heights	0.91	0.44	0.40	0.39	0.28	0.20
Moreland Hills	0.94	0.47	0.47	0.47	0.24	0.11
North Olmsted	0.82	0.42	0.42	0.34	0.24	0.10
North Royalton	0.82	0.43	0.43	0.37	0.24	0.10
Oakwood	0.90	0.50	0.50	0.50	0.29	0.13
Olmsted Falls	1.06	0.57	0.57	0.48	0.32	0.26
Parma	1.00	0.58	0.58	0.53	0.33	0.15
Richfield	1.11	0.57	0.57	0.51	0.40	0.19
Shaker Heights	0.89	0.44	0.44	0.42	0.18	0.10
South Euclid	0.84	0.40	0.39	0.36	0.18	0.10
Southerly WWTC	0.71	0.34	0.34	0.31	0.17	0.10
Strongsville C WWTP	1.12	0.68	0.68	0.61	0.35	0.22
Strongsville Foltz	1.15	0.71	0.71	0.61	0.27	0.12
University Heights	0.86	0.40	0.40	0.38	0.20	0.13
Wade Park	0.79	0.39	0.39	0.37	0.23	0.14
Westerly WWTP	0.72	0.37	0.32	0.28	0.15	0.07
Westlake	0.78	0.39	0.37	0.30	0.18	0.08

Work Order Detail Report

4/2/2025

so overflow inspections 3/30/2025 0.86'

12:41 PM

WO Number: 250401-0001		Category:	SSOs	
Status:	New Work Order	Problem:	Storm Response	
Status Date:	4/1/2025 7:14 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:	4/1/2025 8:00 AM	Override
Lead Worker:	Cardarella, Joe	End Date:	4/1/2025 2:30 PM	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		Comments for Crew
Department:	Sewer Collection	
Division:	Sewer	
Sub-Division:		
Area:		
Sub-Area:		
Owner:		
Location:		
Classification:		
Maintenance Zone:	Alternate Zone:	

Work Order Locations			Address 2
Address			
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	

Work Order Detail Report

4/2/2025

also overflow inspections 3/30/2025 0.86'

12:41 PM

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

4/2/2025

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12:41 PM

Work Order Assets

<u>Object Type</u>		<u>Description 1</u>			<u>Description 2</u>		<u>Completed</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>	
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

4/2/2025

so overflow inspections 3/30/2025 0.86'

12:41 PM

Sewer Structure	3402
SA16AGMG0	
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

4/2/2025

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12:41 PM

Check List					
	Item	Completed	Condition	Completion Date/Time	Est Completion Date
1	A-37-FAIRFAX AT NORTH PARK SA16ACPG0	☐	Not Sound	4/1/2025/ 2:48 pm	
Reset					
2	A-36-NORTH PARK AT COVENTRY SA16ACNB0 (IN MEDIAN-CEMENT)	☐	Sound	4/1/2025/ 2:48 pm	4/1/2025
3	A-39-3012 NORTH WOODLAND SA16AAWM5 (TREE LAWN)	☐	Sound	4/1/2025/ 2:49 pm	4/1/2025
4	A-2 FAIRMOUNT AT NORTH WOODLAND SA16AAWK0(MIDDLE OF THE ROAD)	☐	Sound	4/1/2025/ 2:49 pm	4/1/2025
5	A-6 FAIRMOUNT AT SHELBURNE ST16ZBJK0 (WEST BOUND LANE)	☐	Sound	4/1/2025/ 2:49 pm	4/1/2025
6	A-5 FAIRMOUNT AT SHELBURNE SA16AAXB0(ON THE SE CORNER IN THE SIDEWALK)	☐	Sound	4/1/2025/ 2:50 pm	4/1/2025
7	A-7 FAIRMOUNT AT SHELBURNE SA16AAVH0 (EAST BOUND)	☐	Sound	4/1/2025/ 2:50 pm	4/1/2025
8	A-4 FAIRMOUNT AT DARTMOOR SA16AAVB0(NW CORNER IN THE GRASS BY STOP SIGN)	☐	Sound	4/1/2025/ 2:51 pm	4/1/2025
9	A-3 FAIRMOUNT AT WELLINGTON SA16AAUW0 (INTERSECTION)	☐	Sound	4/1/2025/ 2:51 pm	4/1/2025
10	A-1 3041 FAIRMOUNT SA16AAUTO (TREE LAWN NEAR SIDEWALK)	☐	Sound	4/1/2025/ 2:51 pm	4/1/2025
11	A-32 FAIRMOUNT AT ARLINGTON SA16AAUP0 (INTERSECTION)	☐	Sound	4/1/2025/ 2:52 pm	4/1/2025
12	A-38 FAIRMOUNT AT MARLBORO SA16AAUM0 (INTERSECTION)	☐	Sound	4/1/2025/ 2:53 pm	4/1/2025
13	A-35 2393 COVENTRY SA16AASK0 (INTERSECTION)	☐	Not Sound	4/1/2025/ 2:53 pm	4/1/2025
Needs block					
14	A-50 SCARBOROUGH AND LAMBERTON SA16AANE5 (INTERSECTION)	☐	Sound	4/1/2025/ 2:54 pm	4/1/2025
15	A-47 2528 STRATFORD SA16ACDB5 (INTERSECTION)	☐	Sound	4/1/2025/ 2:55 pm	4/1/2025
16	A-57 E MONMOUTH SA16AFWA5 WEST OF (DARTMOOR NEAR LEE)	☐	Not Sound	4/1/2025/ 2:56 pm	4/1/2025
Couldn't do construction					
17	A-58 E MONMOUTH AT EXETER (INTERSECTION)	☐	Sound	4/1/2025/ 2:56 pm	4/1/2025
18	A-9 BRADFORD AT LEE SA16AFLLO (INTERSECTION)	☐	Not Sound	4/1/2025/ 2:58 pm	4/1/2025
Needs block					
19	B-52 EDDINGTON NORTH OF AVONDALE SA16AHVE0	☐	Sound	4/1/2025/ 2:58 pm	4/1/2025
Needs block					
20	B-10 HAMPSHIRE LANE AT MAYFIELD SA16BACB0	☐	Sound	4/1/2025/ 2:59 pm	4/1/2025
21	B-11 HAMPSHIRE LANE AT MAYFIELD SA16AEEA0	☐	Sound	4/1/2025/ 2:59 pm	4/1/2025
22	B-61 2600 HAMPSHIRE SA16ADZB0	☐	Sound	4/1/2025/ 3:00 pm	4/1/2025
23	B-13-HAMPSHIRE AT EUCLID HTS. BLVD. SA16ADPR0	☐	Sound	4/1/2025/ 3:01 pm	4/1/2025
24	B-46 EDGEHILL AT E OVERLOOK SA16AEPF0	☐	Sound	4/1/2025/ 3:01 pm	4/1/2025
25	B-42 12537 CEDAR SA16ACZA0	☐	Sound	4/1/2025/ 3:01 pm	4/1/2025
26	B-15 COVENTRY AND CEDAR SA16ADBH0	☐	Sound	4/1/2025/ 3:03 pm	4/1/2025
27	B-23 2828 BERKSHIRE SA16AETA0	☐	Sound	4/1/2025/ 3:03 pm	4/1/2025

Work Order Detail Report

4/2/2025

soo overflow inspections 3/30/2025 0.86'

12:41 PM

28	B-56 LEE AND MEADOWBROOK SA16AGMG0	☐	Sound	4/1/2025/ 3:04 pm	4/1/2025
29	C-30 S TAYLOR NORTH OF SUPERIOR SA16AIVF0	☐	Not Sound	4/1/2025/ 3:04 pm	4/1/2025
Reset					
30	C-59 3427 THORNE RD SA16AQD0	☐	Sound	4/1/2025/ 3:05 pm	4/1/2025
31	C-60 3415 THORNE RD SA16AQQC0	☐	Sound	4/1/2025/ 3:05 pm	4/1/2025
32	C-22 2225 NOBLE RD ST16ZLHB0	☐	Sound	4/1/2025/ 3:05 pm	4/1/2025
33	C-27 QUILLIAMS NORTH OF RANDOLPH SA16AOUQ0	☐	Not Sound	4/1/2025/ 3:06 pm	4/1/2025
Reset					
34	C-51 ATHERSTONE AND LANGTON SA16AOKA0	☐	Sound	4/1/2025/ 3:06 pm	4/1/2025
35	C-55 3593 FENLEY SA16APEH0	☐	Sound	4/1/2025/ 3:07 pm	4/1/2025

Tasks/Resources						
SMCT36 Inspection						
Crew:		Status:	*Cal'c UC: \$5.51	*Task Cost: \$192.90	Start Dt: 4/1/2025	
Supervisor:		UOM: Each	# of Units: 35.00	*Unit Cost: \$0.00	End Dt: 4/1/2025	
Employee						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
22394 Cardarella, Joe	Hours	5.00	\$125.90		4/1/2025	4/1/2025
Equipment						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
CHFLT93 FORD F250 4 X 4 PICK UP 1	Hours	5.00	\$67.00		4/1/2025	4/1/2025
Task Comment: soo overflow inspections 3-30-2025 0.86'						

Projected Complete:	Lock: ☐	WO Duration	*Actual	*Estimated	*Difference
Repair Type:		Labor Hours	6.50	0.00	0.00
Subcontractor:		Labor Costs	5.00	0.00	0.00
Profit Center:		Labor Costs	\$125.90	\$0.00	\$0.00
		Material Costs	0.00	0.00	0.00
		Fluids Costs	0.00	0.00	0.00
Quantity: 0.00	Lock: ☐	Equipment Costs	0.00	0.00	0.00
Unit of Measure: Each		Contractor Costs	67.00	0.00	0.00
Unit Cost: \$0.00		Misc. Costs	0.00	0.00	0.00
NO Hours: 0.00		Total Costs	0.00	0.00	0.00
		Use Task Info:	\$192.90	\$0.00	\$0.00
			True	True	

Billing	
Billed Party	
Customer ID:	Customer Number:
Customer Name:	Last Name:
Address:	Phone:
City:	Cell #:
State:	Fax #:
Zip:	E-mail:
Billing Data	
Contact Name:	*Billing Amount:
Invoice Number:	Date Bill Sent:
Incoming Account #:	Payment Received:
	Payment Method:
	Billing Required: ☐
	Billing Processed: ☐
	Imported to Financials: ☐
Associated PMs	
PM Code and Description	Closed
SSO-02 SSO INSPECTION	☒

Work Order Detail Report

4/2/2025

ssso overflow inspections 3/30/2025 0.86'

12:41 PM

Tracking				
Item	Description	By	Date	Time
Work Order Creation	From Routine Work SSO-02 - SSO INSPECTION	jjackson	4/1/2025	7:14 AM
Supervisor Notification	Email Queued Successfully!	jjackson	4/1/2025	7:15 AM

Rate:

Recieved By:

Work From:

Pipe Size:

Pipe Condition:

Could Not Open:

Additional Repair:

Dye Test Reason:

Test Performed Throug

Dye Test Results:

NO User 51:

Measurement:

History:

Manhole Basin Repair:

Material Used:

Pipe Repair:

Street Repair:

Grass Repair:

Curb Repair:

Driveway- Sidewalk Re

Construction Crew:

NO User 39:

NO User 40:

NO User 41:

NO User 52:

NO User 53:

NO User 54:

NO User 55:

NO User 56:

NO User 57:

NO User 58:

NO User 59:

NO User 60:

NO User 61:

NO User 72:

NO User 73:

NO User 74:

NO User 75:

NO User 76:

NO User 92 Date:

NO User 93 Date:

NO User 94 Date:

NO User 95 Date:

NO User 96 Date:

NO User 77:

NO User 78:

NO User 79:

NO User 80:

NO User 81:

NO Creator:

Opened At:

Pipe Footage Cleaned

Gallons Used:

WO User 23:

WO User 24:

WO User 9:

User 10:

Appointment Date DNL

Appointment Date:

E Mail:

Measurement Line 2:

Pipe Size:

PVC Tees, Angles, Slec

WO User 44:

WO User 45:

WO User 46:

OUPS #:

WO User 48:

WO User 62:

WO User 63:

WO User 64:

WO User 65:

WO User 66:

WO User 67:

WO User 68:

WO User 69:

WO User 70:

WO User 71:

WO User 82:

Quantity:

WO User 84:

WO User 85:

WO User 86:

WO User 97 Date:

WO User 98 Date:

WO User 99 Date:

WO User 100 Date:

WO User 101 Date:

WO User 87:

WO User 88:

WO User 89:

WO User 90:

WO User 91:

PM Trigger:

Televised:

Power Rooter:

Jet:

Gap Vac:

Dye Test:

Gap Root Cut:

GIS Correction?:

Test Tee Correction:

Televised:

Paid:

WO User 104:

WO User 105:

WO User 106:

WO User 107:

WO User 108:

WO User 109:

WO User 110:

WO User 111:

Rec #:

jjackson

4/1/2025

16206

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

[illegible][illegible]

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
CH-52	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

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

5/9/2021	5/28/2021	6/20/2021	6/25/2021	7/11/2021	7/17/2021	7/24/2021	8/1/2021	8/12/2021
1.09	1.25	0.89	0.35	1.21	0.89	0.34	0.44	0.72
1.2	1.5	0.23	0.38	0.99	1.05	0.11	0.97	1.03
1.16	1.27	0.94	0.43	0.86	n/a	0.11	0.46	0.7
1.09	1.25	1.44	0.24	1.1	1.08	0.3	0.16	0.56
1.01	1.27	0.72	0.24	1.08	1.03	0.47	0.61	0.69

[illegible]

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	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

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

12/30/2024	1/31/2024	2/13/2025	2/28/2025	3/16/2025	3/30/2025
0.28	0.29	0.39	0.38	0.37	0.86
0.29	0.33	0.38	0.46	0.33	0.84
0.3	0.3	0.36	0.4	0.32	0.78
0.24	0.35	0.36	0.38	0.35	0.89
0.3	0.29	0.35	0.38	0.4	0.97

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

[illegible]