INITIAL STRUCTURAL STABILITY ASSESSMENT

40 CFR 257.73 (d)

Bottom Ash Pond Complex

Kanawha River Site

Glasgow, WV

May, 2026

Prepared for: Appalachian Power Company

Prepared by: American Electric Power Service Corporation

1 Riverside Plaza

Columbus, OH 43215

Kanawha River Site

Bottom Ash Pond Complex

Initial Structural Stability Assessment

PREPARED BY Dan Murphy — Digitally signed by Dan Murphy DN: cn=Dan Murphy, c=US, email=dsmurphy1@aep.com Date: 2026.04.23 15:01:10 -04'00' DATE ______________

Dan Murphy, P.E.

REVIEWED BY Blake Arthur, PE — Digitally signed by Blake Arthur, PE DN: cn=Blake Arthur, PE, c=US, email=barthur@aep.com Date: 2026.04.23 15:35:12 -04'00' DATE ______________

Blake Arthur, P.E.

APPROVED BY David Anthony Miller DATE 04.23.2026

David Anthony Miller, P.E.

Director- Ash Management Services

I certify to the best of my knowledge, information, and belief that the information contained in this structural stability assessment meets the requirements of 40 CFR § 257.73(d)

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1.0 OBJECTIVE

The "Hazardous and Solid Waste Management System: Disposal of Coal Combustion Residuals From Electric Utilities; Legacy CCR Surface Impoundments", 89 Fed. Reg. 38950 (May 8, 2024) (amending 40 C.F.R. §257) requires owners and operators of facilities with a legacy coal combustion residual (CCR) surface impoundment to prepare an initial structural stability assessment document for each legacy CCR surface impoundment at the facility.

The Bottom Ash Pond Complex at the Kanawha River Site is subjected to this rule.

2.0 DESCRIPTION OF THE CCR UNIT

The Kanawha River Site is located approximately 0.5 miles southeast of Glasgow, West Virginia. The latitude/longitude of the Bottom Ash Pond Complex is: 38° 12' 33.34"N / 81° 25' 25.52"W. Construction of the Kanawha River Plant began in October of 1950 and the plant reached commercial operation in August of 1953. The Kanawha River Plant ceased operating in May 2015.

The BAP consists of the North Bottom Ash Pond, the South Bottom Ash Ponds, and the Clearwater Pond. The site is bounded by the Kanawha River on the west, the town of Glasgow on the North, and the railroad on the east.

The BAP is generally an incised surface impoundment with only the west portion of the Clearwater Pond contained by an 8-foot-tall dike built up above original grade. The water level of the Clearwater Pond is operated and maintained below the exterior toe. The exterior slope of the western Clearwater Pond dike is 2 Horizontal to 1 Vertical (2H: 1V) with interior slopes of 2.5H: 1V. The remainder of the pond complex is incised, with a surrounding ground elevation of 623 ft-msl. This grading scheme is a function of the powerplant grades being elevated for flood protection to elevation 623 ft-msl and the BAP area being a main borrow area, and the proximity of the western property line to the Clearwater Pond.

The BAP discharges through a concrete riser in the northwest corner of the Clearwater Pond (Outfall 001) that ties into a stormwater sewer which flows under the BAP.

3.0 STRUCTURAL STABILITY ASSESSMENT 257.73(d)

The Initial Structural Stability Assessment was prepared by WSP USA, Inc. and is included as Attachment A.

Based on the findings and general assessment in the Initial Structural Stability Assessment, the Kanawha River Bottom Ash Pond Complex is unable to safely manage the inflow design flood without overtopping. Flood conveyance and capacity considerations with the Bottom Ash Pond Complex will be evaluated and addressed as part of the CCR unit closure design.

ATTACHMENT A

Initial Structural Stability Assessment Report

REPORT

Initial Structural Stability Assessment

Bottom Ash Pond, Former Kanawha River Power Plant, Glasgow, West Virginia

Submitted to:

Mr. Murphy

American Electric Power Company, Inc.
Project Manager
1 Riverside Plaza,
Columbus, OH 43215

Submitted by:

WSP USA Inc.

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US0041868.3860

April 3, 2026

Distribution List

Benjamin J Hackett (bjhackett@aep.com)

Jane Petrie (jpetrie@aep.com)

Table of Contents

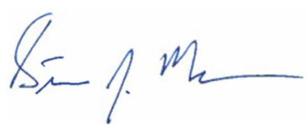
CERTIFICATION

Professional Engineer Certification Statement [40 CFR §257.73(d)]

I hereby certify that, having reviewed the attached documentation and being familiar with the provisions of Title 40 of the Code of Federal Regulations (CFR) Section §257.73 (40 CFR Part §257.73(d)), I attest that this Structural Stability Assessment is accurate and has been prepared in accordance with good engineering practices, including the consideration of applicable industry standards, and with the requirements of 40 CFR Part §257.73(d) - Periodic Structural Stability Assessments.

WSP USA Inc.

WSP USA Inc.



Signature

April 3, 2026

Date of Report Certification

Steven J. Moeller, PE (AL, GA, NC, SC, TN, WV)

Name

27354

Professional Engineering Certification Number

1 INTRODUCTION

WSP USA Inc. (WSP) was retained by Appalachian Power Company, a subsidiary of American Electric Power Company, Inc. (AEP), to perform this initial Structural Stability Assessment for the Kanawha River Bottom Ash Pond (BAP) complex, an inactive Coal Combustion Residuals (CCR) surface impoundment. This assessment has been prepared in accordance with the requirements of 40 Code of Federal Regulations (CFR) Part §257, Subpart D, specifically §257.73(d).

The former Kanawha River Power Station (Plant), owned and operated by the Appalachian Power Company, is located along West Virginia State Route 60, adjacent to the Kanawha River (Figure 1). Construction of the Kanawha River Plant began in October 1950, and the plant reached commercial operation in August 1953. The Kanawha River Plant ceased operating in May 2015. The BAP complex consists of the North BAP, the South BAP, and the Clear Water Pond. The BAP complex covers approximately 8 acres and is bounded by the former coal pile on the west, the town of Glasgow on the north, and the railroad on the east.

For this initial assessment, WSP performed a site visit on July 15, 2025, to observe current site conditions.

2 BACKGROUND

The former Kanawha Power Station utilized multiple surface impoundments, the East Fly Ash (EFA) Pond, and the BAP complex, to manage sluiced ash. This Structural Stability Assessment evaluates the design, construction, operation, and maintenance of the BAP complex. This impoundment is located north of the former Plant and is classified as a legacy CCR impoundment under the United States Environmental Protection Agency's (USEPA) Legacy CCR Final Rule (May 28, 2024), which established regulatory requirements for legacy CCR surface impoundments and CCR management units.

The area of the BAP complex is approximately 8 acres and is located adjacent to the Kanawha River. The BAP complex is generally an incised surface impoundment with only the west portion of the Clear Water Pond contained by an approximate 7-foot-tall dike built up above original grade. The water level of the Clear Water Pond is operated and maintained below the downstream toe of the dike. The exterior slope of the western Clear Water Pond dike is approximately 2 Horizontal to 1 Vertical (2H: 1V) (see APPENDIX A). The remainder of the pond complex is incised, with a surrounding ground elevation of approximately 623 feet mean sea level (MSL) (see Figure 2). The ponds are predominantly incised as the powerplant grades were elevated for flood protection to an elevation of 623 feet MSL, and the BAP area was used as a borrow source. The diked portion of the Clear Water Pond was constructed due to its proximity to the western property line. The BAP complex discharges through concrete risers located within the Clear Water Pond and the North BAP that convey water to the South BAP riser structure, which discharges through a 36-inch concrete pipe into the Kanawha River.

3 Site Visit

WSP conducted a site visit to the Kanawha River Plant on July 15, 2025, to observe current site conditions. Mr. Steven Moeller and Mr. Naveen Kumar Ganji conducted the site visit on behalf of WSP. WSP personnel performed the following:

- Observed site conditions related to the structural stability of the impoundment, including berms, dikes, erosion protection, vegetation, slopes, stormwater drainage features, etc.
- Photographed site features (APPENDIX B).

During the site reconnaissance, the site observations were limited to features and structures that could be visually observed at the ground surface, and did not include invasive inspection, investigation, or exploration of the site, embankments, or structures. WSP noted the following observations at the site:

- The majority of the BAP complex is incised and not constructed using perimeter dikes or embankments. The only section of the BAP complex with a perimeter dike is on the north side of the Clear Water Pond, which has a dike approximately 7 feet in height.
- The north dike of the Clear Water Pond is well-maintained and doesn't have excessive vegetative growth.
- There is a hydraulic system that underlies the BAP complex. It includes two stormwater pipes that enter into the North Pond and Clear Water Pond from east of the railroad tracks, conveying water from upgradient of the ponds. These pipes connect to hydraulic structures, Manhole 1 and Manhole 2. From these structures, the off-site stormwater is conveyed to Manhole 3, where it is piped and discharged into the Kanawha River, as shown in Image 1

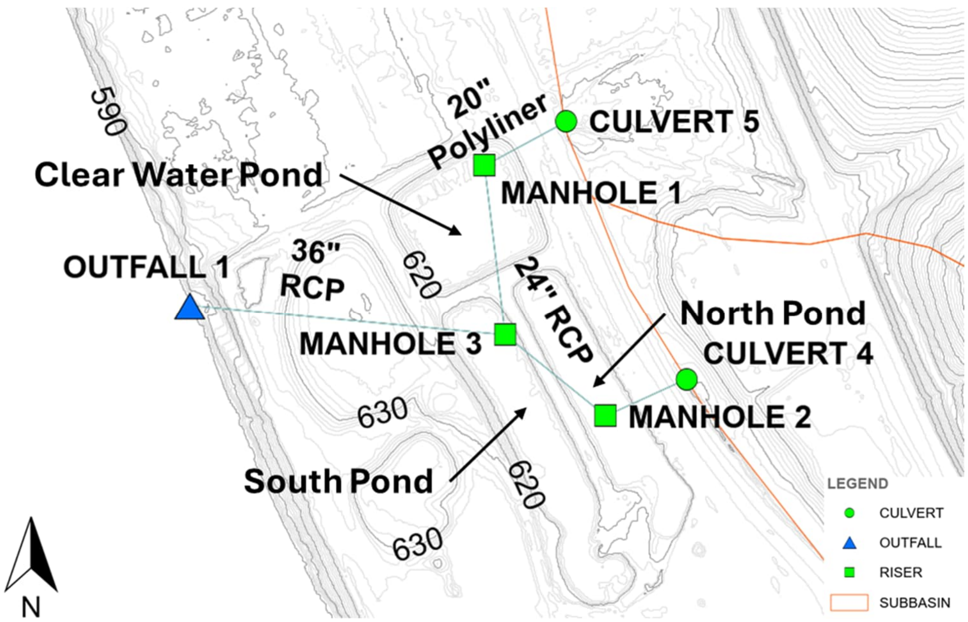


Image 1: BAP Complex Site Conditions

4 STRUCTURAL STABILITY ASSESSMENT [CFR 40 257.73(d)(1)(i)-(vii)]

The CCR Rule requires an initial structural stability assessment to be conducted by a qualified professional engineer to document whether the design, construction, operation, and maintenance are consistent with recognized and generally accepted good engineering practices for the maximum volume of CCR and CCR wastewater that can be impounded therein. The following sections provide documentation on the initial structural stability assessment and rely mainly on the recent site inspection performed at the site. The most recent inspection was completed by WSP in July 2025, specifically to assess the structural stability of the ash pond.

4.1 Foundations and Abutments [CFR 40 257.73(d)(1)(i)]

CCR unit has been designed, constructed, operated, and maintained with stable foundations and abutments.

The stability of foundations and abutments for the BAP complex was evaluated through review of available subsurface information and visual observations made during the July 15, 2025 site visit. The majority of the BAP complex is incised and does not rely on perimeter embankments or abutments for containment. The only embankment within the BAP complex is the north dike of the Clear Water Pond, which is approximately 7 feet in height.

No visible signs of foundation or abutment distress were observed during the site visit, including settlement, cracking, lateral movement, or evidence of instability. Based on these observations, no foundation-related performance issues were identified at the time of inspection.

Subsurface conditions underlying the BAP complex are interpreted based on borehole information obtained from previous geotechnical investigations conducted in the immediate vicinity of the site, including investigations performed for the adjacent East Fly Ash (EFA) Pond. Given the close proximity of these investigations, the similar geomorphic and geologic setting, and the absence of observed foundation distress at the BAP complex, the subsurface conditions identified at the EFA Pond are considered representative of conditions underlying the BAP complex.

Based on visual observations and review of available subsurface information, the foundations and abutments of the BAP complex are considered stable and consistent with recognized and generally accepted good engineering practices.

4.2 Slope Protection [CFR 40 257.73(d)(1)(ii)]

CCR unit has been designed, constructed, operated, and maintained with adequate slope protection to protect against surface erosion, wave action and adverse effects of sudden drawdown.

Visual observations during the July 2025 site visit indicate that exposed slopes within the BAP complex are generally protected by vegetation with no evidence of significant rilling, gullying, or erosion-related slope degradation. As the normal water level in the BAP complex is maintained below the elevation of the surrounding ground surface (i.e., below the downstream toe elevation of the perimeter dike), no adverse effects are anticipated due to sudden drawdown. Based on site conditions observed, slope protection measures appear adequate to protect against surface erosion under the current operating conditions.

4.3 Dikes (Embankment) [CFR 40 257.73(d)(1)(iii)]

CCR unit has been designed, constructed, operated, and maintained with dikes mechanically compacted to a density sufficient to withstand the range of loading conditions in the CCR unit.

The only perimeter dike for the BAP complex is located along the north side of the Clear Water Pond and is approximately 7 feet in height. Visual inspection indicated the dike is well maintained, with no observed signs of sloughing, cracking, settlement, or deformation. In addition to visual observations, the structural stability of the north dike of the Clear Water Pond was evaluated through review of available design information and stability analyses performed as part of this Initial Structural Stability Assessment (WSP 2026). The stability analyses considered anticipated loading conditions associated with the maximum operating water level, site geometry, and subsurface conditions representative of the site. Results of the analyses indicate that the dike possesses adequate factors of safety and is capable of withstanding the range of anticipated loading conditions without risk of instability. Based on the results of the stability analysis and the absence of observed distress during the July 15, 2025 site visit, the dike is considered to be mechanically compacted to a density sufficient to withstand the applicable loading conditions and is consistent with recognized and generally accepted good engineering practices in accordance with 40 CFR 257.73(d)(1)(iii).

4.4 Vegetated Slopes [CFR 40 257.73(d)(1)(iv)]

CCR unit has been designed, constructed, operated, and maintained with vegetated slopes of dikes and surrounding areas, except for slopes which have an alternate form or forms of slope protection.

Vegetation was observed to be well established on exposed slopes and embankment areas. No excessive woody vegetation or root intrusion that could adversely affect slope stability was observed. Vegetative cover appears sufficient to limit surface erosion and maintain slope integrity.

4.5 Spillways [CFR 40 257.73(d)(1)(v)]

CCR unit has been designed, constructed, operated, and maintained with a single spillway or a combination of spillways configured as specified in paragraph (d)(1)(v)(A). The combined capacity of all spillways must be designed, constructed, operated, and maintained to adequately manage flow during and following the peak discharge.

Hydrologic and hydraulic (H&H) analyses performed using the Probable Maximum Precipitation (PMP) event demonstrate that routing runoff from the BAP complex basin will direct approximately 313 acre-feet of stormwater into the Clear Water Pond and North BAP over an approximate 5-hour period. This inflow into the BAP complex far exceeds the existing capacity of the complex, which is approximately 73 acre-feet. Although conveyance limitations beneath the railroad tracks reduce the total volume of runoff entering the impoundments through these conveyance pipes, routing analyses indicate that the outflows from the drainage basins east of the railroad would overtop the railroad during the design storm and flow into the BAP complex, exceeding the available stage-storage capacity. As a result, the BAP complex would overtop and convey stormwater into the adjacent neighborhood located north of the BAP complex. The CCR unit cannot adequately manage flow following the peak discharge of the inflow design flood as required by the CCR Rule.

4.6 Hydraulic Structures [CFR 40 257.73(d)(1)(vi)]

CCR unit has been designed, constructed, operated, and maintained such that the hydraulic structures underlying the base of the CCR unit or passing through the dike of the CCR unit maintain structural integrity and are free of significant deterioration, deformation, distortion, bedding deficiencies, sedimentation, and debris which may negatively affect the operation of the hydraulic structure.

A hydraulic conveyance system underlies the BAP complex and conveys offsite stormwater runoff beneath the railroad tracks through the BAP complex and ultimately to the Kanawha River. As shown on Image 1, the system includes two stormwater inflow pipes that discharge to outlet structures/manholes (Manhole 1 in the Clear Water Pond and Manhole 2 in the North BAP) within the BAP complex, and then routes flow to Manhole 3 within the South BAP that discharges to the Kanawha River via an outlet pipe/outfall.

To evaluate the condition of this hydraulic system, a closed-circuit television (CCTV) inspection was performed in August 2025 (APPENDIX C). Four segments of the storm sewer network were inspected, totalling approximately 1,388.65 ft of conveyance piping with some sections of the network not fully inspected due to obstructions and/or excess water in the pipe (abandoned inspections). The conveyance piping inspected included 24-inch reinforced concrete pipe (RCP), 36-inch RCP, and a downstream transition from RCP to corrugated metal pipe (CMP) near the conveyance outfall at the Kanawha River. The CCTV work was conducted without pre-cleaning, which limited visibility of the pipe invert in some locations. One segment of the network from Manhole 1 to the culvert on the east side of the railroad was not inspected due to a large obstruction (i.e., a tree) that prevented access to the conveyance piping.

The following provides a summary of the CCTV inspection performed on the hydraulic structures for the BAP complex completed in August 2025 (Appendix C):

- End Pipe at Railroad (RR) Tracks – Manhole 2 (24-inch RCP; ~179 ft): CCTV observations include multiple joint-related infiltration features (e.g., infiltration stain/runner/weeper at joints), several instances of joint offset (medium), cracking (longitudinal and circumferential), and surficial damage of the concrete.
- End of Pipe at RR Tracks – Manhole 1 – This segment of the conveyance system was not inspected due an obstruction.
- Manhole 2 – Manhole 3 (24-inch RCP; ~273 ft): CCTV observations include frequent joint infiltration (dripper/runner) and deposits (including settled gravel in at least one location).
- Manhole 3 – Outlet at River (36-inch RCP; ~575 ft): CCTV observations include joint-related infiltration, longitudinal cracking, multiple fractures, and deposits. Outside the limits of the BAP complex the 36-inch RCP transitions from RCP to corrugated metal pipe (CMP). The inspection in this reach of the conveyance system near the Kanawha River was terminated due to deep water conditions that limited visibility.
- Manhole 1 – Manhole 3 (24-inch RCP; ~362 ft): CCTV observations include frequent joint infiltration, , along with additional runner/dripper infiltration and deposits.

Although the CCTV inspection documents indicate pipe and joint deterioration within the stormwater conveyance system, the overall structural integrity of the piping network has not been compromised, and the system is in satisfactory condition to serve its intended purpose of conveying stormwater through and from the BAP complex. Except as noted below, the overall system does not show signs of significant deterioration, deformation, distortion, bedding deficiencies, sedimentation, or debris that would affect the operation of the hydraulic structure. The exception is the segment of the conveyance system from the End of Pipe at RR Tracks to Manhole 1, which is blocked due to a large obstruction. In order for the system to operate appropriately, this obstruction must be removed to re-establish the flow capacity of the conveyance piping.

Additionally, due to the defects noted in the conveyance piping as described above, AEP should perform an additional CCTV inspection prior to the next structural stability assessment periodic update to monitor for significant changes in the integrity of the pipe.

4.7 Downstream Slopes Adjacent to Water Body [CFR 40 257.73(d)(1)(vii)]

CCR unit has been designed, constructed, operated and maintained with, for CCR units with downstream slopes which can be inundated by the pool of an adjacent water body, such as a river, stream or lake, downstream slopes that maintain structural stability during low pool of the adjacent water body or sudden drawdown of the adjacent water body.

The BAP complex is located adjacent to the Kanawha River; however, the majority of the impoundment is incised below the surrounding grade and does not rely on downstream embankments for containment. Additionally, the BAP complex is offset from the Kanawha River and sited above the 100-year flood elevation of the river. The only embankment within the BAP complex is the north dike of the Clear Water Pond, which is located away from the river and is not subject to normal river pool fluctuations. The structural stability of the embankment will not be compromised during low pool of the river or sudden drawdown of the river. During the July 15, 2025, site visit, no signs of significant erosion, sloughing, cracking, settlement, or other indicators of slope instability were observed along this embankment section of the Clear Water Pond.

Based on the incised nature of most of the impoundment, location as compared to the Kanawha River flood stage, and observed site conditions, the downstream slopes adjacent to the Kanawha River are considered stable and consistent with the requirements of 40 CFR 257.73(d)(1)(vii).

5 STRUCTURAL STABILITY DEFICIENCIES [CFR 40 257.73(D)(II)]

The periodic assessment described in CFR 40 257.73(d)(i) must identify any structural stability deficiencies associated with the CCR unit in addition to recommending corrective measures. If a deficiency or a release is identified during the periodic assessment, the owner or operator unit must remedy the deficiency or release as soon as feasible and prepare documentation detailing the corrective measures taken.

The initial Structural Stability Assessment for the BAP complex identified deficiencies associated with the ability of the CCR unit to safely manage inflow during extreme storm events, as well as a blockage noted in the underlying stormwater conveyance system. These deficiencies are summarized below, along with recommended corrective measures, in accordance with the requirements of 40 CFR 257.73(d)(ii).

5.1 Spillway and Flood Capacity Deficiency

Based on site observations, review of available information, and the H&H analyses performed, the BAP complex has a flood control system that is not adequate to manage flow into and from the units under the applicable inflow design flood. H&H analyses performed using the PMP event demonstrate that runoff will direct approximately 313 acre-feet of stormwater into the BAP complex over an approximate 5-hour period. This inflow into the BAP complex far exceeds the existing capacity of the complex, which is approximately 73 acre-feet.

Although conveyance limitations beneath the railroad tracks reduce the total volume of runoff entering the impoundments through these conveyance pipes, routing analyses indicate that the outflows from the North and South subbasins would overtop the railroad during the design storm and flow into the BAP complex, exceeding the available stage-storage capacity. As a result, the BAP complex would overtop and convey stormwater into the adjacent neighborhood located north of the BAP complex. The CCR unit cannot adequately manage flow following the peak discharge of the inflow design flood as required by the CCR Rule.

WSP recommends evaluating alternative flood control measures, such as bypassing the flow from east of the railroad or modifying the outlet works from the BAP complex. Modifying the outlet works could include adding additional conveyance piping or the addition of alternative spillway capacity (e.g., an open-channel spillway), to provide sufficient discharge capacity for conveying flow from the BAP complex to the Kanawha River in accordance with the CCR Rule. Flood conveyance and capacity considerations associated with the BAP complex would be evaluated and addressed as part of the CCR unit closure design.

5.2 Hydraulic Conveyance System Deficiencies

A closed-circuit television (CCTV) inspection performed in August 2025 identified a significant blockage in a segment of the conveyance system from the End of Pipe at RR Tracks to Manhole 1, which is blocked due to a large obstruction. In order for the system to operate appropriately, the identified obstruction must be removed to restore the existing flow capacity of the conveyance piping. This action is considered a routine maintenance activity and does not represent a structural or hydraulic deficiency requiring engineering modification of the system.

Signature Page

WSP USA Inc.

G. Naveen Kumar

Naveen Kumar Ganji, PE (GA, TN, TX, VA)
Senior Consultant

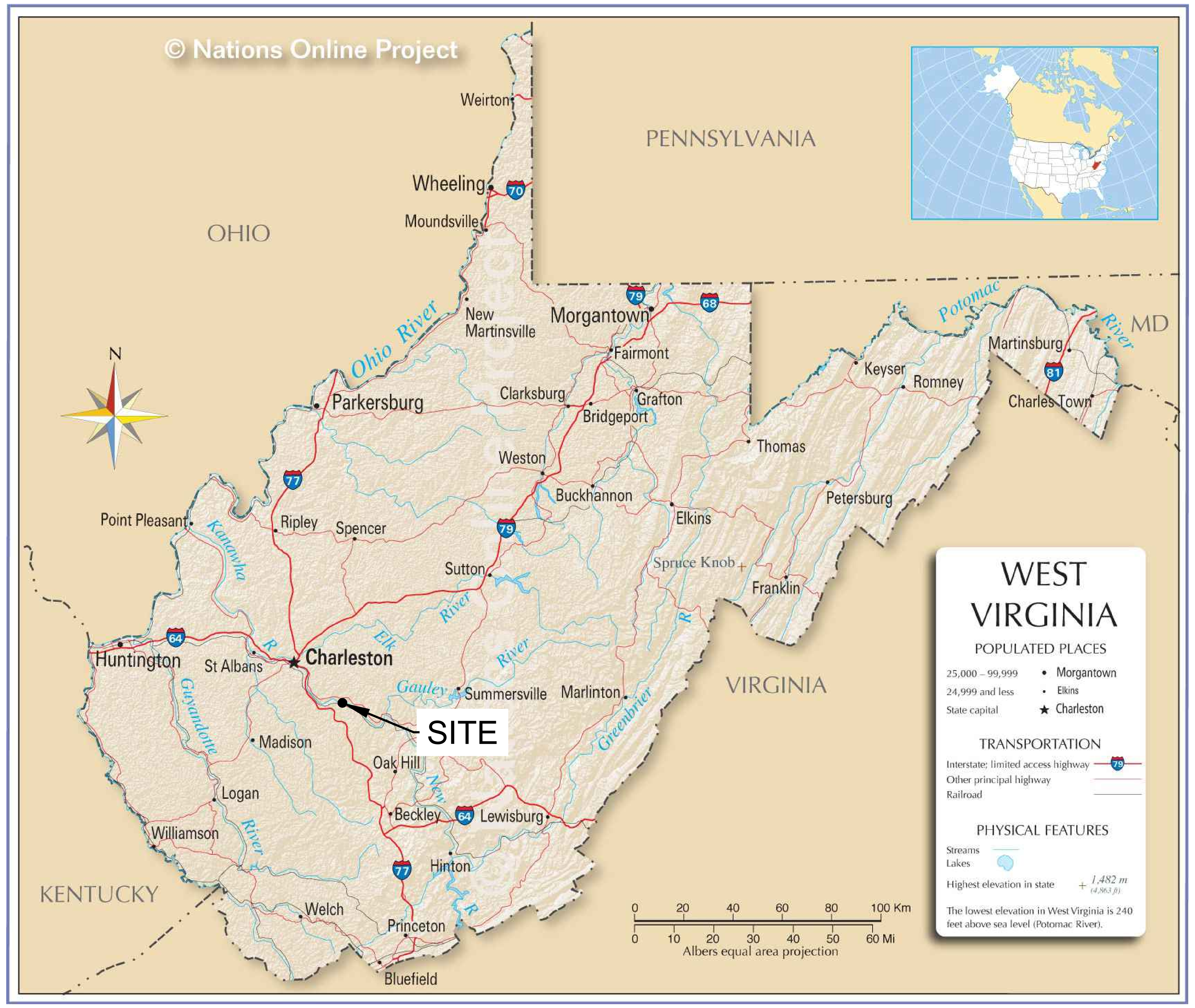
Steven J. Moeller, PE (AL, GA, NC, SC, TN, WV)
Senior Vice President

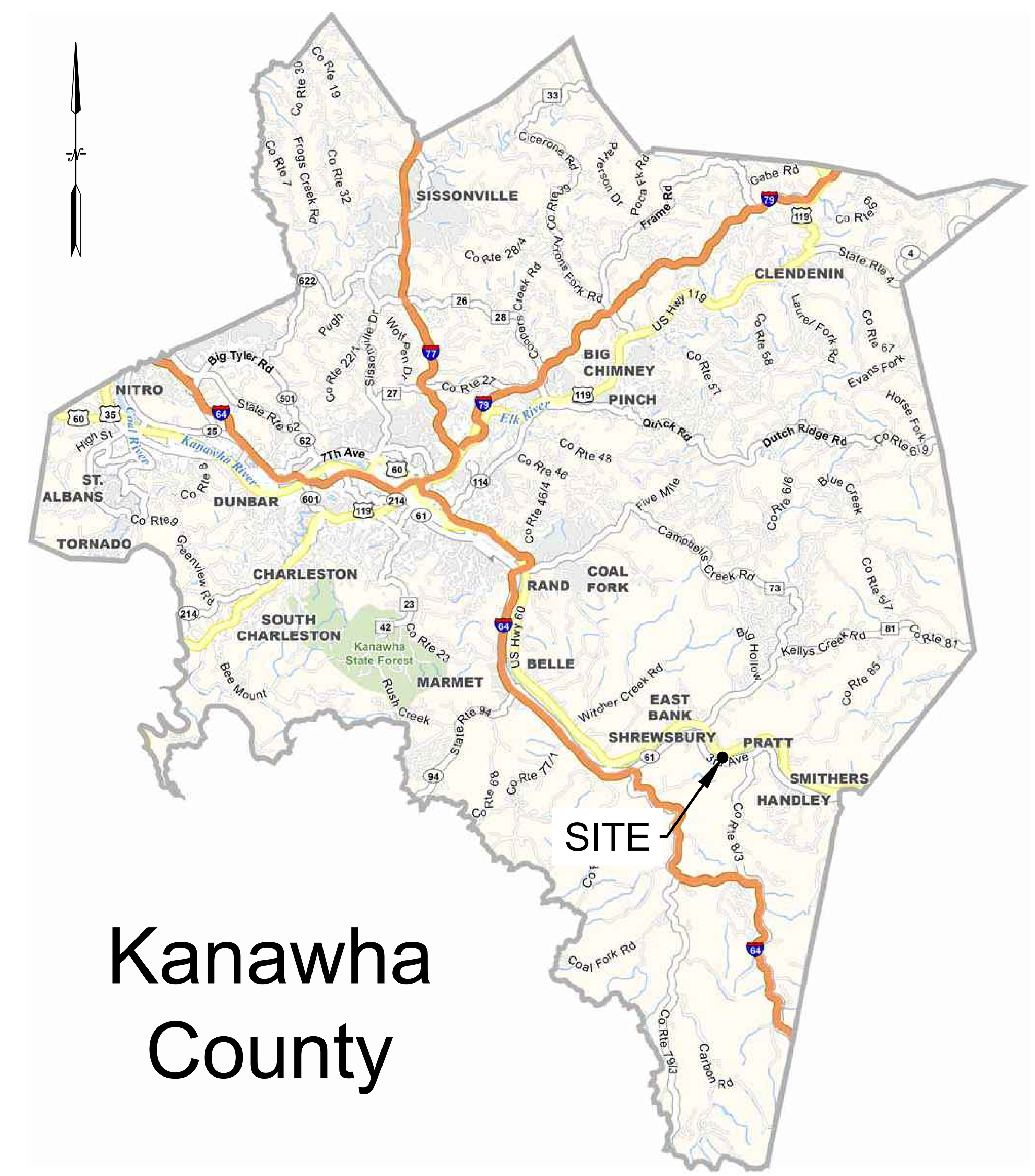
NG/SM/ng

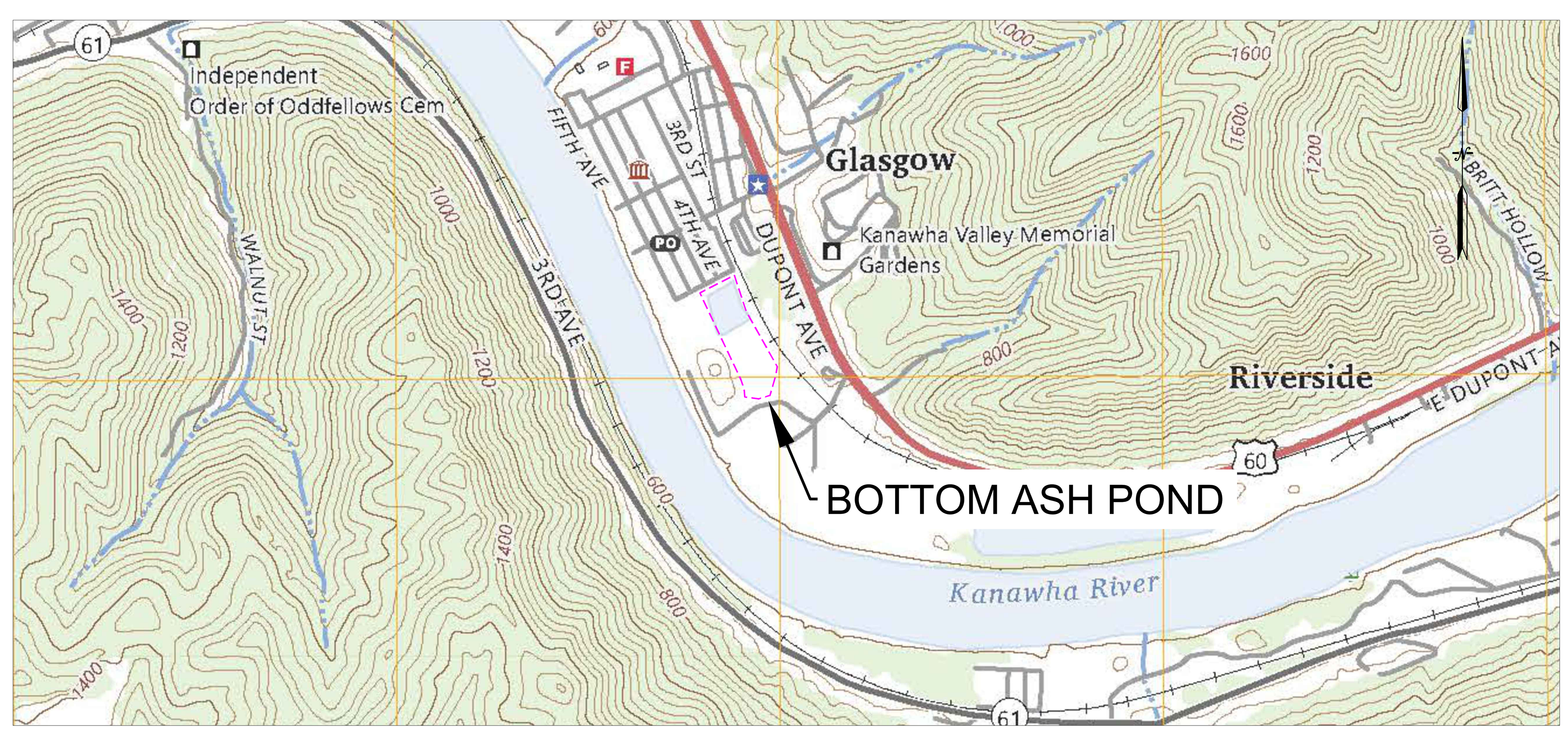
https://wsponlinenam.sharepoint.com/sites/us-aep-efa-kanawha-r/shared documents/5 technical work/structural stability assessment_bap/ssa_kanawha bottomashpond_ccr_engsupport.docx

Figures

DRAWING NUMBER: 1 OF 2







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REFERENCES:
USGS 7.5 MINUTE QUADRANGLE; CEDAR GROVE, 2023.

DATE	NO.	DESCRIPTION	APPD.

REVISIONS

THIS DRAWING IS CLASSIFIED AS:

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APPALACHIAN POWER COMPANY

BOTTOM ASH POND
FORMER KANAWHA RIVER POWER PLANT

GLASGOW WEST VIRGINIA

SITE LOCATION PLAN

UNIT: FEET
DRAWING NUMBER: 1 OF 2
REV: --

SCALE:
DR: CCP
CH: NG
SUP: NG
ENG: SJM
DATE: 01/05/2026

APPROVED BY

STEVEN J. MOELLER REGISTERED 27354 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER

wsp
3348 Peachtree Road NE
Suite 1100
Atlanta, GA 30326

AEP AMERICAN ELECTRIC POWER

AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215

G:\American Electric Power\Kanawha River Site\Structural Stability Assessment Report\BAP\Production\1 - Site Location Plan.dwg LAYOUT: 1 SAVED: 1/5/2026 10:39 AM PAGESETUP: ---- PLOTTED: 3/5/2026 POWELL, CHRIS

LEGEND

	EXISTING CONTOURS
	EXISTING ROADS
	EXISTING TREE LINE
	APPROXIMATE BOTTOM ASH POND BOUNDARY
	AEP MONITORING WELL (MW-XX), 1988,1989,1995
	EHS MONITORING WELL (MW-16XX), 2016
	EHS MONITORING WELL (MW-25XX), 2025
	AEP BORING (FA-B-XX), 1988/1989
	AEP BORING (FA-B-XX), 2005
	AEP BORING (B-14-XX), 2014
	AEP BORING (B-XX)
	AEP BORING (FR-B-XX)
	AEP CPT SOUNDING (FA-B-14), 2014

100 0 100 200 FT

NOTES

1. SOME OF THE MONITORING WELLS (FROM 1988/1989/1995) MAY HAVE BEEN ABANDONED.

REFERENCES

1. EXISTING TOPOGRAPHY IS 2018 USGS TOPO.
2. BOREHOLE LOCATIONS ARE EITHER PROVIDED BY AEP OR INFERRED FROM THE DRAWINGS SUPPLIED BY AEP.
3. SITE BOUNDARIES ARE APPROXIMATE.

DATE	NO.	DESCRIPTION	APPD.

REVISIONS

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APPALACHIAN POWER COMPANY

BOTTOM ASH POND
FORMER KANAWHA RIVER POWER PLANT

GLASGOW WEST VIRGINIA

SITE TOPOGRAPHIC MAP

UNIT: FEET	DRAWING NUMBER: 2 OF 2	REV: --

SCALE: 1" = 200'
DR: CCP
CH: NG
SUP: NG
ENG: SJM
DATE: 01/05/2026
APPROVED BY

STEVEN J. MOELLER REGISTERED 27354 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER

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Suite 1100
Atlanta, GA 30326

AEP AMERICAN ELECTRIC POWER

AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215

PLOT DATE: 3/5/2026
PLOT TIME: 8:47 AM
BY: POWELL, CHRIS

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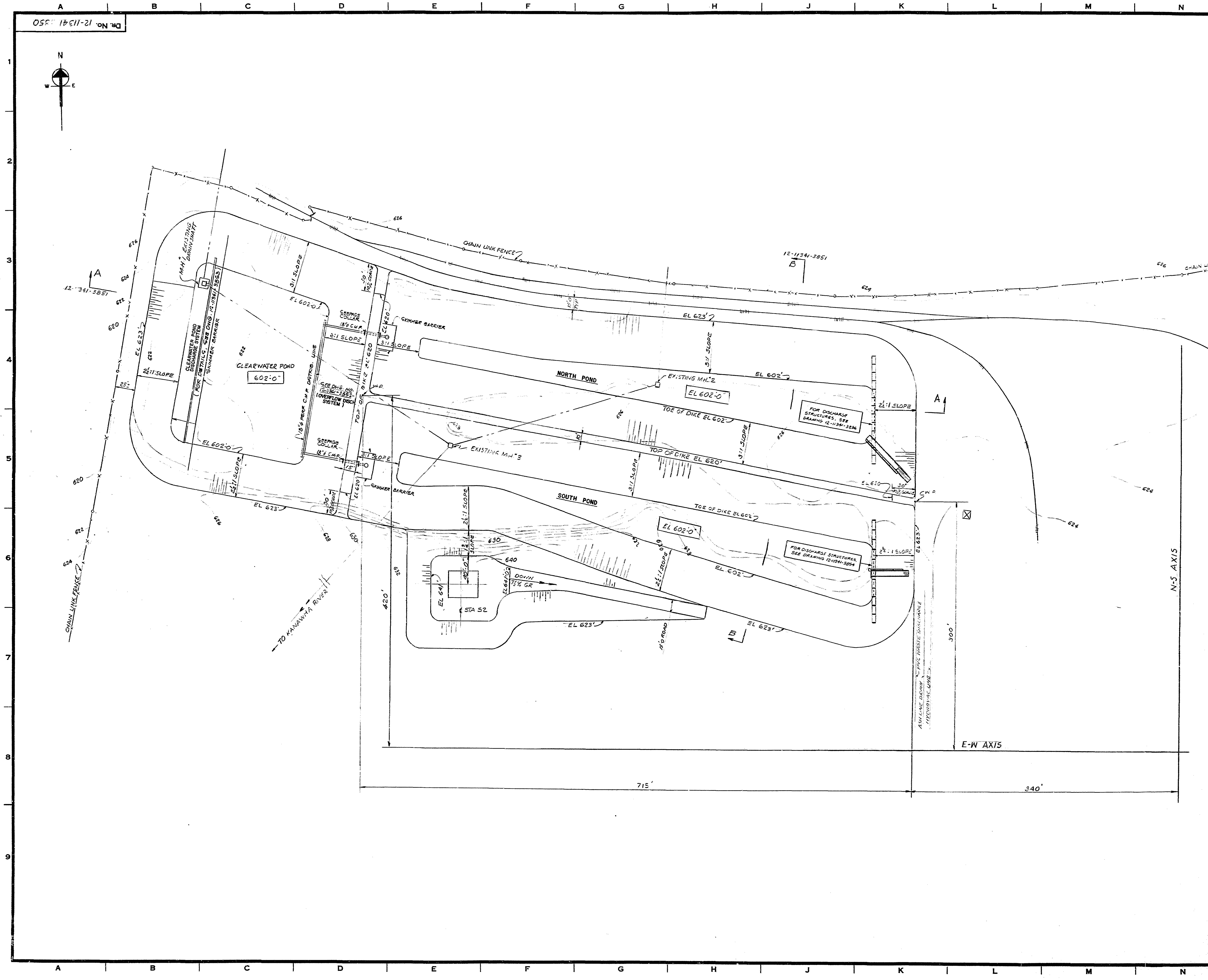
APPENDIX A

Historic Drawings



GENERAL NOTES

PERMANEABILITY OF THE BOTTOM ASH IS 5×10^{-3} CM/SEC.

REFERENCE DWGS

EXCAVATION & GRADING PLAN - 5-3341-3807
CINDER YARD DR. STRUCTURES - 5-3341-3358
BOT ASH STGE AREA - SECTS - 5-3341-3851
FOR ADDITIONAL REF DWGS SEE 12-11341-3851
12-11341-3852 - OVERFLOW STRUCTURE & SUPPORTS FOR DISTRIBUTION LINE
12-11341-3853 - TROUGH SUPPORTS FOR OVERFLOW STRUCTURE

DATE	NO.	DESCRIPTION	APPD.

REVISIONS

APPALACHIAN POWER CO.
KANAWHA RIVER PLANT
GLASGOW WEST VA.

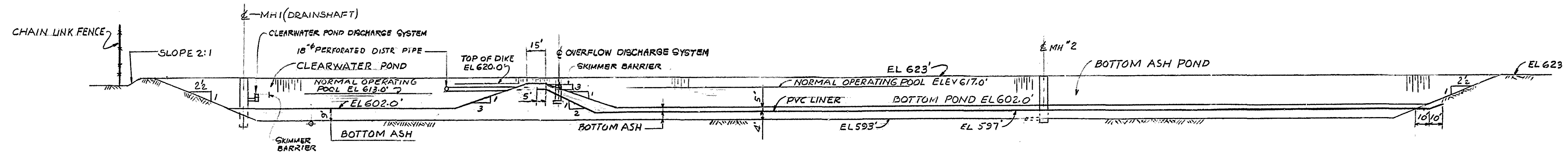
BOTTOM ASH STORAGE AREA MODIFICATION

DR. NO. 12-11341-3850

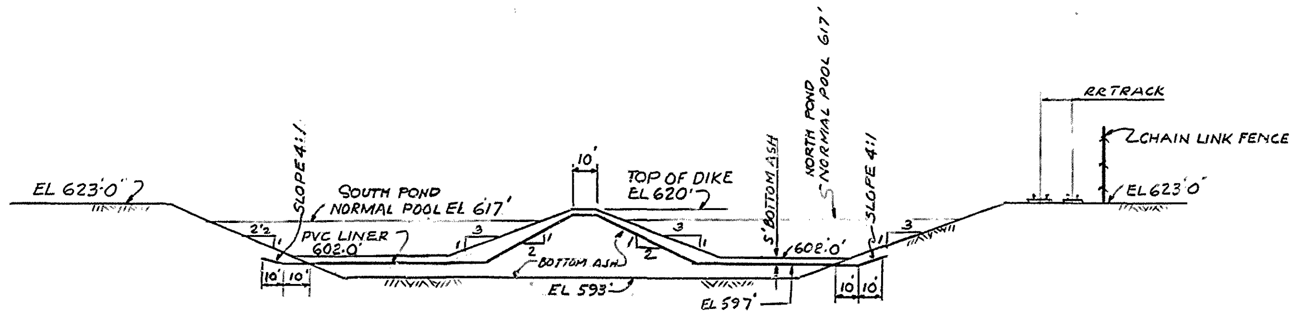
ARCH. | ELEC. | MECH. | STR.

SCALE: 1"=40'
DR. LEN
CH.
SQ. LDR. ME
DATE: 4/20/77
APPROVED BY
ENGINEERING DIV
DESIGN DIV

AMERICAN ELECTRIC POWER SERVICE CORP.



SECTION A-A



SECTION B-B

DATE	NO.	DESCRIPTION	APPD.

REVISIONS

APPALACHIAN POWER CO.
KANAWHA RIVER PLANT
GLASGOW WEST VA.

BOTTOM ASH STORAGE AREA
MODIFICATION
SECTIONS

DR. NO. 12-11341-3851

ARCH. | ELEC | MECH. | STR.

SCALE: 1"=40'
DR. LEN
CH.
SQ. LDR. ME
DATE: 4/21/77

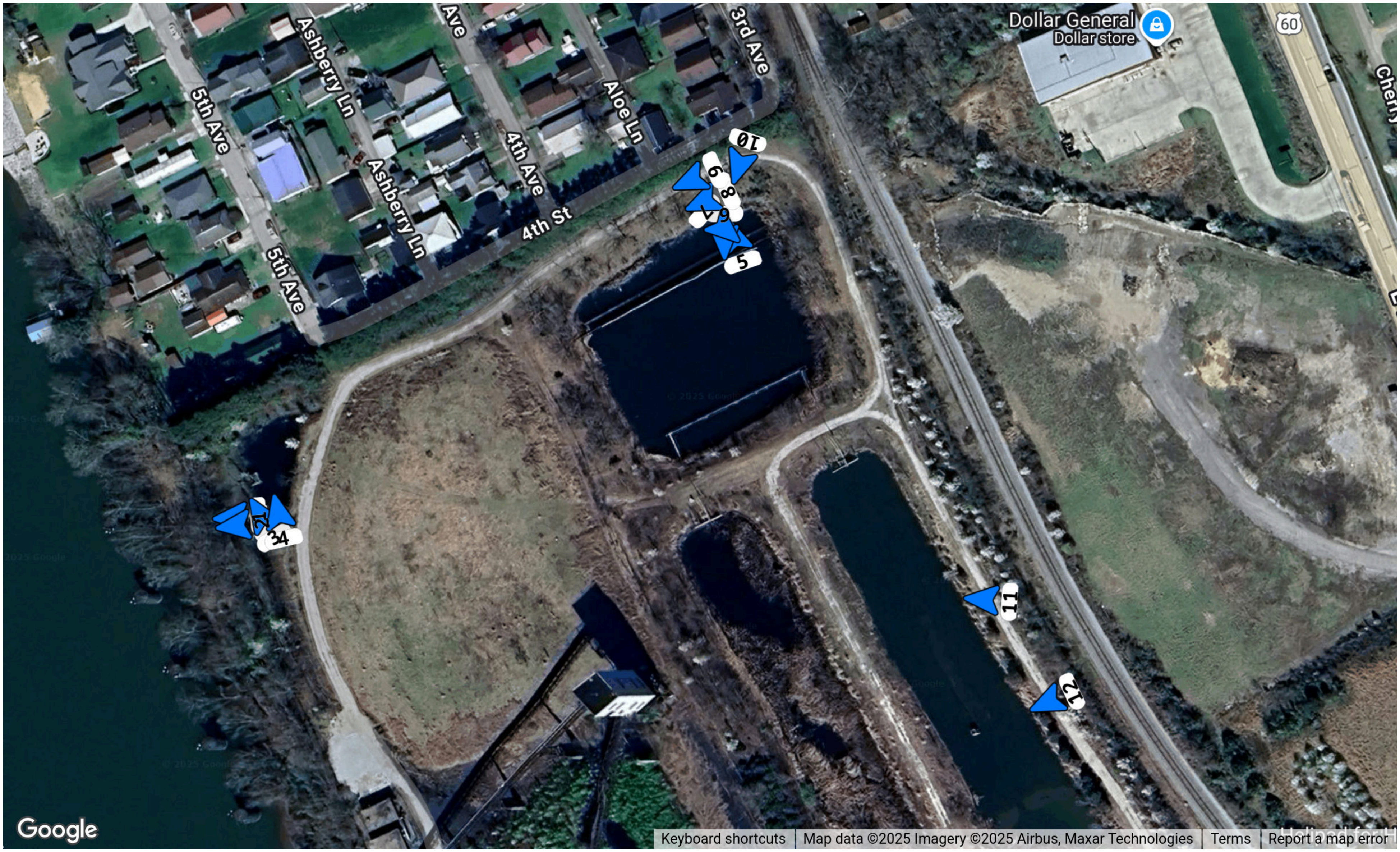
APPROVED BY
ENGINEERING DIV
DESIGN DIV

AMERICAN ELECTRIC POWER SERVICE CORP.

504

APPENDIX B

Site Reconnaissance Photo Log



wsp	Project Name: AEP Kanawha River (BAP)	
	Project Location: BAP, Former Kanawha Power Plant, Cabin Creek, WV	
	Client: AEP	Project Code: US0041868.3860
	Preparer: Naveen Kumar Ganji	Reviewer: Steven Moeller
	Report Date: 2025-12-22	Page Number: 1 of 7

Media 1: Outfall - 36" RC Pipe looking west

Latitude: 38.2095 Longitude: -81.4260 Bearing: W	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji

Tags: NA

Media 2: Heavily vegetated slope adjacent to Kanawha River

Latitude: 38.2095 Longitude: -81.4260 Bearing: W	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji

Tags: NA

Project Name: AEP Kanawha River (BAP)	
Project Location: BAP, Former Kanawha Power Plant, Cabin Creek, WV	
Client: AEP	Project Code: US0041868.3860
Preparer: Naveen Kumar Ganji	Reviewer: Steven Moeller
Report Date: 2025-12-22	Page Number: 2 of 7

Media 3: Discharge pipe for the detention pond of the Coal Storage Area		Media 4: Detention Pond for the Coal Storage Area	
Latitude: 38.2095 Longitude: -81.4259 Bearing: N	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji	Latitude: 38.2095 Longitude: -81.4258 Bearing: N	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji
Tags: NA		Tags: NA	

Project Name: AEP Kanawha River (BAP)	
Project Location: BAP, Former Kanawha Power Plant, Cabin Creek, WV	
Client: AEP	Project Code: US0041868.3860
Preparer: Naveen Kumar Ganji	Reviewer: Steven Moeller
Report Date: 2025-12-22	

Media 5: Looking inside MH-1

Latitude: 38.2103 Longitude: -81.4241 Bearing: SE	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji

Tags: NA

Media 6: Skimmer in the clear water pond - looking south

Latitude: 38.2104 Longitude: -81.4242 Bearing: S	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji

Tags: NA

Project Name: AEP Kanawha River (BAP)	
Project Location: BAP, Former Kanawha Power Plant, Cabin Creek, WV	
Client: AEP	Project Code: US0041868.3860
Preparer: Naveen Kumar Ganji	Reviewer: Steven Moeller
Report Date: 2025-12-22	Page Number: 4 of 7

Media 7: MH-1 riser structure in the clear water pond

Latitude: 38.2104 Longitude: -81.4242 Bearing: SW	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji

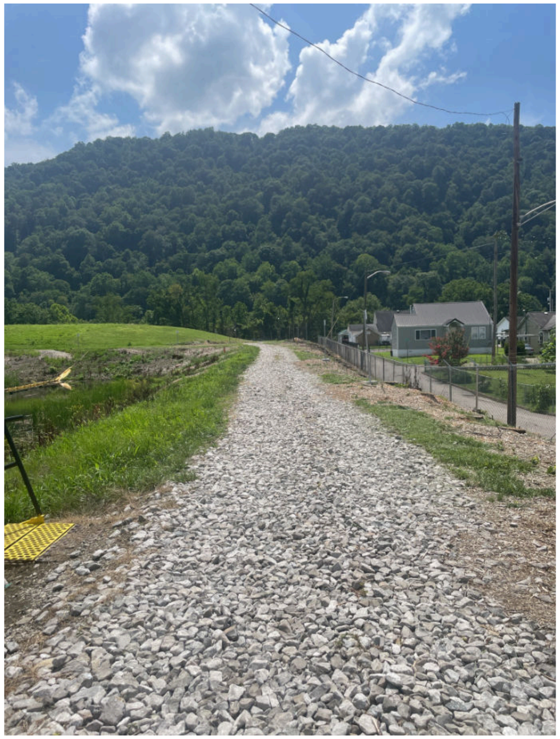
Tags: NA

Media 8: Northwestern corner of the clear water pond looking southwest along dike slope

Latitude: 38.2105 Longitude: -81.4242 Bearing: SW	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji

Tags: NA

Project Name: AEP Kanawha River (BAP)	
Project Location: BAP, Former Kanawha Power Plant, Cabin Creek, WV	
Client: AEP	Project Code: US0041868.3860
Preparer: Naveen Kumar Ganji	Reviewer: Steven Moeller
Report Date: 2025-12-22	Page Number: 5 of 7



Media 9: Crest of the northern dike of the clear water pond, looking southwest along top of dike

Latitude: 38.2105 Longitude: -81.4243 Bearing: SW	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji

Tags: NA

Media 10: Clear Water Pond looking south

Latitude: 38.2106 Longitude: -81.4241 Bearing: S	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji

Tags: NA

Project Name: AEP Kanawha River (BAP)	
Project Location: BAP, Former Kanawha Power Plant, Cabin Creek, WV	
Client: AEP	Project Code: US0041868.3860
Preparer: Naveen Kumar Ganji	Reviewer: Steven Moeller
Report Date: 2025-12-22	

Media 11: North Pond looking west	Media 12: MH-2 in the North Pond looking west
Latitude: 38.2093 Longitude: -81.4232 Bearing: W	Latitude: 38.2090 Longitude: -81.4229 Bearing: SW
Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji	Weather: Cloudy Date Taken: 07/15/2025 Taken By: Naveen Kumar Ganji
Tags: NA	Tags: NA

Project Name: AEP Kanawha River (BAP)	
Project Location: BAP, Former Kanawha Power Plant, Cabin Creek, WV	
Client: AEP	Project Code: US0041868.3860
Preparer: Naveen Kumar Ganji	Reviewer: Steven Moeller
Report Date: 2025-12-22	

APPENDIX C

CCTV Pipe Inspection Report

GPRS

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Project

Project	808242_Bottom Ash Ponds Storm Line Inspection 8/27/2025

GPRS

Tel. 412.508.8426
nate.johnson@gprsinc.com

Table of Contents

Project		
808242_Bottom Ash Ponds Storm Line Inspection		**8/27/2025**

GPRS

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Section Summary

Project	
808242_Bottom Ash Ponds Storm Line Inspection	**8/27/2025**

Number of sections	4
Total length of sewer network	1388.65 ft
Inspected length of sewer network	1387.43 ft
Not inspected length of sewer network	1.22 ft
Total abandoned inspections	2
Number of section inspection photos	136
Number of section inspection videos	4
Number of section inspection scans	0
Number of section inclination measurements	0

Pipe Segment Reference	**End Pipe At RR Tracks-MH 2**	Lateral Upstream Access Point	**End Pipe At RR Tracks**
City	**Glasgow**	Lateral Downstream Access Point	**MH 2**
Street	**2 AEP Way**	Profile	**Circular 24inch**
Total Length	**179.1**	Material	**Reinforced Concrete Pipe**

	Distance	PACP Code	Observation
1	0.0	AMH	Manhole / MH 2
2	0.0	MWL	Water Level, 5% of the vertical dimension
3	4.9	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start
4	13.2	IRJ	Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch
5	18.0	IRJ	Infiltration Runner Joint from 4 o'clock to 6 o'clock, within 8 inch
6	21.5	SAM	Surface Damage Aggregate Missing from 11 o'clock to 1 o'clock
7	41.4	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 1 o'clock to 5 o'clock, within 8 inch
8	44.6	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 12 o'clock to 12 o'clock, within 8 inch
9	49.4	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 12 o'clock, within 8 inch
10	53.9	JOM	Joint Offset Medium
11	59.0	CL	Crack Longitudinal at 12 o'clock, within 8 inch
12	70.3	IRJ	Infiltration Runner Joint at 4 o'clock, within 8 inch
13	78.4	IRJ	Infiltration Runner Joint from 7 o'clock to 10 o'clock, within 8 inch
14	87.6	JOM	Joint Offset Medium
15	87.6	SAM	Surface Damage Aggregate Missing from 12 o'clock to 3 o'clock, within 8 inch
16	95.8	SAM	Surface Damage Aggregate Missing from 6 o'clock to 8 o'clock
17	108.8	CC	Crack Circumferential from 10 o'clock to 12 o'clock, within 8 inch
18	111.1	SAM	Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock, within 8 inch, Start
19	117.1	IWJ	Infiltration Weeper Joint from 5 o'clock to 6 o'clock, within 8 inch
20	139.9	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 8 o'clock
21	155.0	JOM	Joint Offset Medium
22	177.9	SAM	Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock, within 8 inch, Finish
23	177.9	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish

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Section Summary

Project	
808242_Bottom Ash Ponds Storm Line Inspection	**8/27/2025**

	Distance	PACP Code	Observation
24	177.9	MSA	Miscellaneous Survey Abandoned / Broken at joint precenting further inspection
25	179.0	SAM	Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock
26	179.0	B	Broken from 5 o'clock to 6 o'clock, within 8 inch
27	179.1	JOM	Joint Offset Medium

Pipe Segment Reference	**MH 2-MH 3**	Lateral Upstream Access Point	**MH 2**
City	**Glasgow**	Lateral Downstream Access Point	**MH 3**
Street	**2 AEP Way**	Profile	**Circular 24inch**
Total Length	**272.8**	Material	**Reinforced Concrete Pipe**

	Distance	PACP Code	Observation
1	0.0	AMH	Manhole / MH 2
2	0.0	MWL	Water Level, 5% of the vertical dimension
3	0.0	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start
4	7.0	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
5	12.2	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 6 o'clock to 8 o'clock, within 8 inch
6	20.6	IRJ	Infiltration Runner Joint from 1 o'clock to 5 o'clock, within 8 inch
7	23.7	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch
8	23.7	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch, Start
9	30.3	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
10	48.6	DSGV	Deposits Settled Gravel, 5% of cross sectional area from 5 o'clock to 7 o'clock, within 8 inch
11	59.8	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
12	76.2	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
13	83.8	IDJ	Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch
14	112.7	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
15	119.8	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
16	132.7	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch
17	162.2	IRJ	Infiltration Runner Joint from 6 o'clock to 11 o'clock, within 8 inch
18	177.5	IRJ	Infiltration Runner Joint at 12 o'clock, within 8 inch
19	186.4	IRJ	Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch
20	190.5	IRJ	Infiltration Runner Joint from 6 o'clock to 9 o'clock, within 8 inch
21	192.4	IRJ	Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch
22	219.2	IRJ	Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch
23	242.4	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
24	247.2	IRJ	Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch
25	250.8	IDJ	Infiltration Dripper Joint from 9 o'clock to 12 o'clock, within 8 inch
26	254.5	IRJ	Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch
27	272.8	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish
28	272.8	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch, Finish
29	272.8	AMH	Manhole / MH 3

Pipe Segment Reference	**MH 3-Outlet at river**	Lateral Upstream Access Point	**MH 3**
City	**Glasgow**	Lateral Downstream Access Point	**Outlet at river**
Street	**2 AEP Way**	Profile	**Circular 36inch**
Total Length	**574.6**	Material	**Reinforced Concrete Pipe**

	Distance	PACP Code	Observation
1	0.0	AMH	Manhole / MH 3
2	0.0	MWL	Water Level, 5% of the vertical dimension
3	0.0	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start
4	10.4	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch

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Section Summary

Project	
808242_Bottom Ash Ponds Storm Line Inspection	8/27/2025

	Distance	PACP Code	Observation
5	25.6	IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch
6	34.6	IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch
7	43.9	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch
8	52.3	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch
9	54.3	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Start/A
10	68.6	IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch
11	80.8	IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch
12	97.1	IRJ	Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch
13	106.7	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 10 o'clock to 2 o'clock, within 8 inch, Start
14	143.1	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 10 o'clock to 2 o'clock, within 8 inch, Finish
15	165.2	DSZ	Deposits Settled Other, 5% of cross sectional area from 5 o'clock to 6 o'clock, within 8 inch/Step from manh
16	200.6	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 5 o'clock, within 8 inch
17	228.6	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish
18	259.8	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Finish/
19	268.8	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 5 o'clock, within 8 inch
20	274.2	CL	Crack Longitudinal at 12 o'clock, within 8 inch, Start
21	383.3	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 6 o'clock to 8 o'clock, within 8 inch
22	421.1	CL	Crack Longitudinal at 12 o'clock, within 8 inch, Finish
23	421.1	FM	Fracture Multiple from 12 o'clock to 12 o'clock, within 8 inch, Start
24	456.8	FM	Fracture Multiple from 12 o'clock to 12 o'clock, within 8 inch, Finish
25	532.8	ISJ	Infiltration Stain Joint from 2 o'clock to 5 o'clock, within 8 inch
26	546.3	MMC	Miscellaneous Material Change, Reinforced concrete pipe / RCP to CMP
27	567.8	DFE	Deformed Flexible Elliptical, 5%, Start
28	574.6	DFE	Deformed Flexible Elliptical, 5%, Finish
29	574.6	MSA	Miscellaneous Survey Abandoned / Deep water, not being able to see bottom of pipe

Pipe Segment Reference	**MH 1-MH 3**	Lateral Upstream Access Point	**MH 1**
City	**Glasgow**	Lateral Downstream Access Point	**MH 3**
Street	**2 AEP Way**	Profile	**Circular 24inch**
Total Length	**362.1**	Material	**Reinforced Concrete Pipe**

	Distance	PACP Code	Observation
1	0.0	AMH	Manhole / MH 3
2	0.0	MWL	Water Level, 5% of the vertical dimension
3	0.0	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start
4	0.8	IRJ	Infiltration Runner Joint from 9 o'clock to 2 o'clock, within 8 inch
5	13.3	IGJ	Infiltration Gusher Joint at 2 o'clock, within 8 inch
6	22.6	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
7	46.0	IRJ	Infiltration Runner Joint from 2 o'clock to 6 o'clock, within 8 inch
8	52.7	IGJ	Infiltration Gusher Joint at 4 o'clock, within 8 inch
9	52.7	IRJ	Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch
10	59.9	IRJ	Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch, Start
11	66.2	IRJ	Infiltration Runner Joint from 6 o'clock to 9 o'clock, within 8 inch
12	74.0	IRJ	Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch, Finish
13	77.5	IRJ	Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch
14	77.7	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch
15	88.8	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 2 o'clock to 5 o'clock, within 8 inch
16	92.9	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Start
17	106.3	IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch
18	114.5	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
19	123.1	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
20	197.3	IDJ	Infiltration Dripper Joint from 10 o'clock to 11 o'clock, within 8 inch

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Section Summary

Project	
808242_Bottom Ash Ponds Storm Line Inspection	**8/27/2025**

	Distance	PACP Code	Observation
21	203.4	IRJ	Infiltration Runner Joint from 4 o'clock to 6 o'clock, within 8 inch
22	209.2	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch
23	209.2	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch
24	211.8	IRJ	Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch
25	215.8	IRJ	Infiltration Runner Joint from 3 o'clock to 6 o'clock, within 8 inch
26	221.7	IRJ	Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch
27	227.0	IGJ	Infiltration Gusher Joint from 7 o'clock to 9 o'clock, within 8 inch
28	227.0	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch
29	235.9	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch
30	243.3	IDJ	Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch
31	260.8	IGJ	Infiltration Gusher Joint at 4 o'clock, within 8 inch
32	265.3	IRJ	Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch
33	271.2	IDJ	Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch
34	276.4	IRJ	Infiltration Runner Joint from 2 o'clock to 6 o'clock, within 8 inch
35	286.5	IDJ	Infiltration Dripper Joint from 11 o'clock to 12 o'clock, within 8 inch
36	292.4	IGJ	Infiltration Gusher Joint at 5 o'clock, within 8 inch
37	294.5	IRJ	Infiltration Runner Joint from 2 o'clock to 9 o'clock, within 8 inch
38	299.2	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch
39	306.8	IGJ	Infiltration Gusher Joint at 10 o'clock, within 8 inch
40	338.6	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch
41	362.1	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish
42	362.1	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Finish
43	362.1	AMH	Manhole / MH 1

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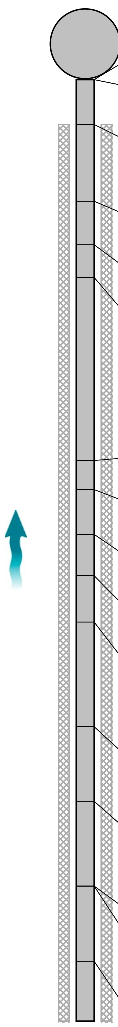
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**End Pipe At RR Tracks-MH 2**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Upstream**		**179.1 '**	**179.1 '**

City:	**Glasgow**	Drainage Area:		Upstream MH:	**End Pipe At RR Track**
Street:	**2 AEP Way**	Media Label:		Up Rim to Invert:	
Location Code:		Flow Control:		Downstream MH:	**MH 2**
Location Details:		Sheet Number:		Down Rim to Invert:	
Pipe shape:	**Circular**	Sewer Use:	**Stormwater Pipe**	Total gallons used:	**0.0**
Pipe size:	**24 "**	Sewer Category:	**SEC**	Joints passed:	**0**
Pipe material:	**Reinforced Concrete Pipe**	Purpose:		Joints failed:	**0**
Lining Method:		Owner:			
Additional Info:					

1:773

MH 2



Distance		Code	Observation	Counter	Photo	Grade
0.0		AMH	Manhole / MH 2	00:00:00	End Pipe At RR Tracks-MH	
0.0		MWL	Water Level, 5% of the vertical dimension	00:00:05	End Pipe At RR Tracks-MH	
4.9	S01	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start	00:00:52	End Pipe At RR Tracks-MH	
13.2		IRJ	Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch	00:01:56	End Pipe At RR Tracks-MH	M4
18.0		IRJ	Infiltration Runner Joint from 4 o'clock to 6 o'clock, within 8 inch	00:03:16	End Pipe At RR Tracks-MH	M4
21.5		SAM	Surface Damage Aggregate Missing from 11 o'clock to 1 o'clock	00:04:10	End Pipe At RR Tracks-MH	S4
41.4		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 1 o'clock to 5 o'clock, within 8 inch	00:06:56	End Pipe At RR Tracks-MH	M2
44.6		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 12 o'clock to 12 o'clock, within 8 inch	00:07:20	End Pipe At RR Tracks-MH	M2
49.4		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 12 o'clock, within 8 inch	00:08:12	End Pipe At RR Tracks-MH	M2
53.9		JOM	Joint Offset Medium	00:08:47	End Pipe At RR Tracks-MH	S3
59.0		CL	Crack Longitudinal at 12 o'clock, within 8 inch	00:09:46	End Pipe At RR Tracks-MH	S2
70.3		IRJ	Infiltration Runner Joint at 4 o'clock, within 8 inch	00:11:16	End Pipe At RR Tracks-MH	M4
78.4		IRJ	Infiltration Runner Joint from 7 o'clock to 10 o'clock, within 8 inch	00:12:19	End Pipe At RR Tracks-MH	M4
87.6		JOM	Joint Offset Medium	00:13:21	End Pipe At RR Tracks-MH	S3
87.6		SAM	Surface Damage Aggregate Missing from 12 o'clock to 3 o'clock, within 8 inch	00:13:40	End Pipe At RR Tracks-MH	S4
95.8		SAM	Surface Damage Aggregate Missing from 6 o'clock to 8 o'clock	00:14:24	End Pipe At RR Tracks-MH	S4

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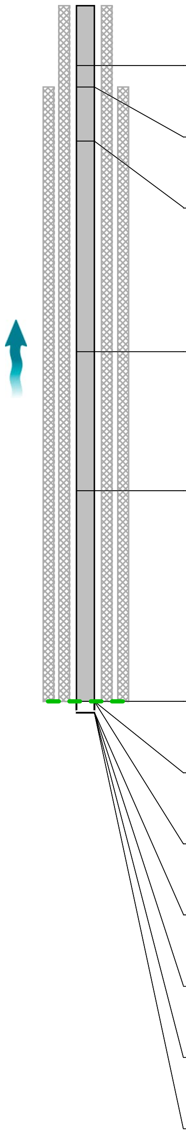
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**End Pipe At RR Tracks-MH 2**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Upstream**		**179.1 '**	**179.1 '**



1:773 Distance		Code	Observation	Counter	Photo	Grade
108.8		CC	Crack Circumferential from 10 o'clock to 12 o'clock, within 8 inch	00:15:42	End Pipe At RR Tracks-MH	S1
111.1	S02	SAM	Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock, within 8 inch, Start	00:16:03	End Pipe At RR Tracks-MH	
117.1		IWJ	Infiltration Weeper Joint from 5 o'clock to 6 o'clock, within 8 inch	00:16:41	End Pipe At RR Tracks-MH	M2
139.9		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 8 o'clock	00:18:30	End Pipe At RR Tracks-MH	M2
155.0		JOM	Joint Offset Medium	00:19:43	End Pipe At RR Tracks-MH	S3
177.9	F02	SAM	Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock, within 8 inch, Finish	00:23:06	End Pipe At RR Tracks-MH	S4
177.9	F01	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish	00:23:09	End Pipe At RR Tracks-MH	M1
177.9		MSA	Miscellaneous Survey Abandoned / Broken at joint precenting further inspection	00:23:16	End Pipe At RR Tracks-MH	
179.0		SAM	Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock	00:21:10	End Pipe At RR Tracks-MH	S4
179.0		B	Broken from 5 o'clock to 6 o'clock, within 8 inch	00:21:19	End Pipe At RR Tracks-MH	S4
179.1		JOM	Joint Offset Medium	00:21:42	End Pipe At RR Tracks-MH	S3
179.1			End of pipe			

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4B34	4425	4C34	87.0	61.0	148.0	3.6	1.4	2.2

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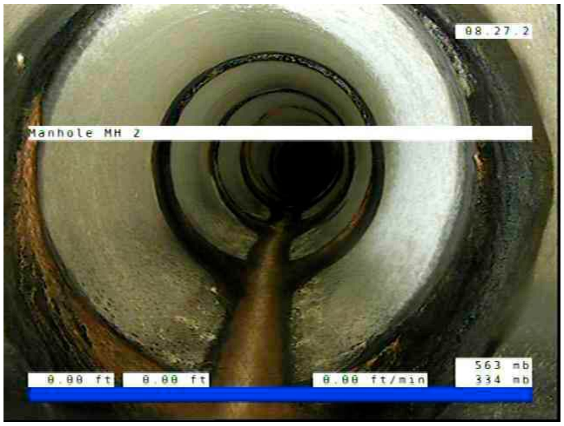
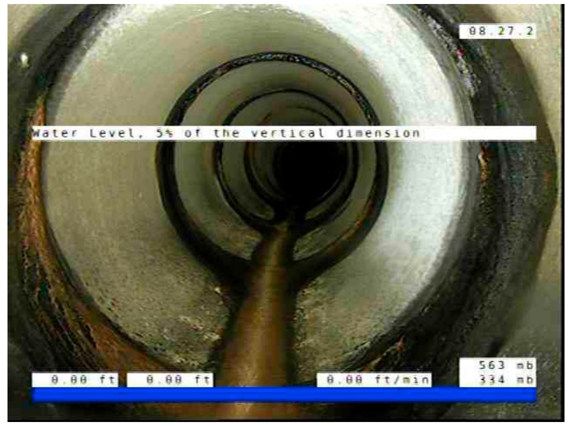
Section Pictures - 8/27/2025 - End Pipe At RR Tracks-MH 2

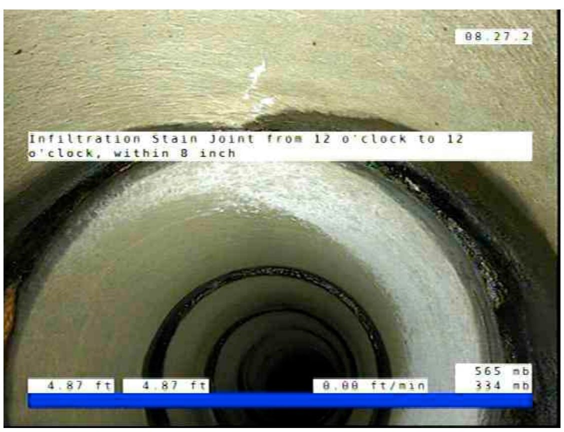
City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**End Pipe At RR Tracks-MH**	**1**



End Pipe At RR Tracks-MH 2_5dd24f28-3877-4c87-9bd8-a4139451efe0_20250827_102059_266.jpg, 00:00:00, 0.00ft
Manhole / MH 2



End Pipe At RR Tracks-MH 2_2d13926e-6e28-4722-b955-b73d0bb02d33_20250827_102107_317.jpg, 00:00:05, 0.00ft
Water Level, 5% of the vertical dimension



End Pipe At RR Tracks-MH 2_794b2301-05ec-4416-884c-1e30e4e52bde_20250827_102211_790.jpg, 00:00:52, 4.87ft
Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start

End Pipe At RR Tracks-MH 2_b1aea512-21db-4051-845f-b1527246f526_20250827_102328_667.jpg, 00:01:56, 13.25ft
Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch

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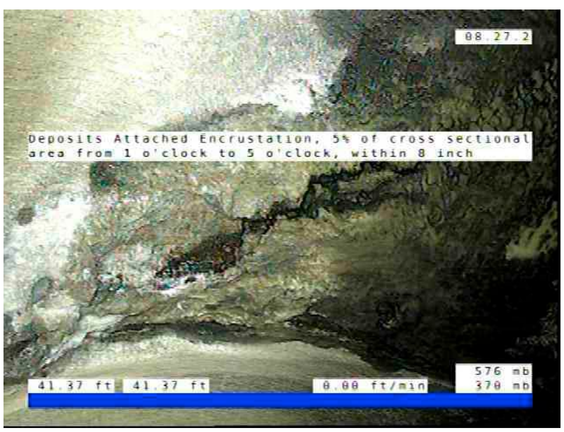
Section Pictures - 8/27/2025 - End Pipe At RR Tracks-MH 2

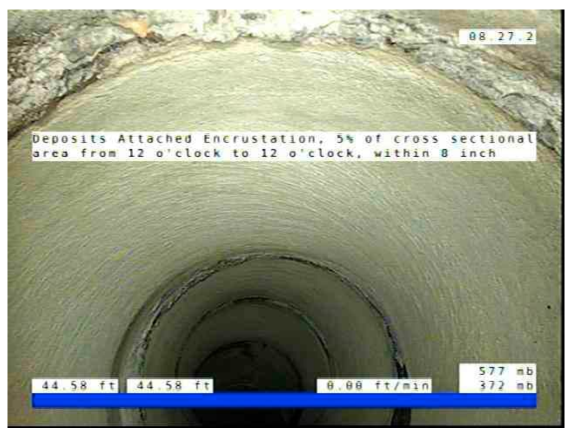
City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**End Pipe At RR Tracks-MH**	**1**

End Pipe At RR Tracks-MH 2_ba2ef958-33d0-40f6-8d1d-93539ae47a13_20250827_102509_873.jpg, 00:03:16, 17.99ft
Infiltration Runner Joint from 4 o'clock to 6 o'clock, within 8 inch

End Pipe At RR Tracks-MH 2_0dccf9c2-8683-4060-a293-b2b74cbefd47_20250827_102608_780.jpg, 00:04:10, 21.52ft
Surface Damage Aggregate Missing from 11 o'clock to 1 o'clock



End Pipe At RR Tracks-MH 2_a283d494-e4aa-45b6-a280-4bbd24655dfb_20250827_102908_527.jpg, 00:06:56, 41.37ft
Deposits Attached Encrustation, 5% of cross sectional area from 1 o'clock to 5 o'clock, within 8 inch



End Pipe At RR Tracks-MH 2_fa0aec3f-3d28-45d8-8991-672580798205_20250827_102945_119.jpg, 00:07:20, 44.58ft
Deposits Attached Encrustation, 5% of cross sectional area from 12 o'clock to 12 o'clock, within 8 inch

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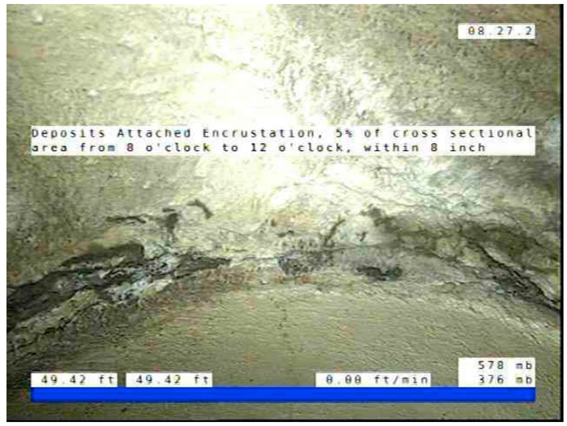
Section Pictures - 8/27/2025 - End Pipe At RR Tracks-MH 2

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**End Pipe At RR Tracks-MH**	**1**

End Pipe At RR Tracks-MH 2_343a265e-e038-4b19-a015-c8c92f9fbef1_20250827_102948_647.jpg, 00:07:20, 44.58ft
Deposits Attached Encrustation, 5% of cross sectional area from 12 o'clock to 12 o'clock, within 8 inch



End Pipe At RR Tracks-MH 2_6abc6adc-0596-4ca7-8b8b-22a969175ddc_20250827_103051_922.jpg, 00:08:12, 49.42ft
Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 12 o'clock, within 8 inch

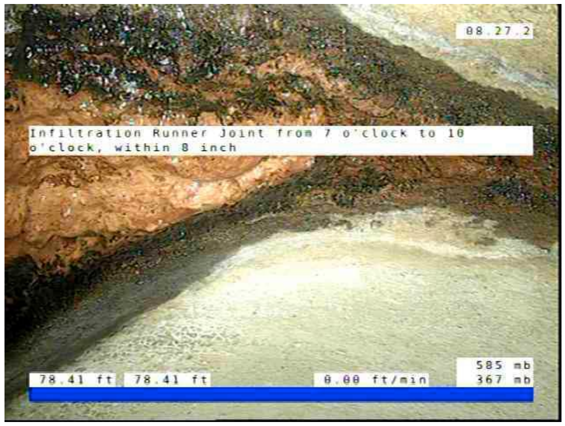
End Pipe At RR Tracks-MH 2_53a9c4d3-b30d-493f-9030-1a6dc574c9f3_20250827_103133_651.jpg, 00:08:47, 53.89ft
Joint Offset Medium

End Pipe At RR Tracks-MH 2_532bafc0-117f-436f-83bf-f7a3699b92bc_20250827_103242_917.jpg, 00:09:46, 58.96ft
Crack Longitudinal at 12 o'clock, within 8 inch

Section Pictures - 8/27/2025 - End Pipe At RR Tracks-MH 2

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**End Pipe At RR Tracks-MH**	**1**

End Pipe At RR Tracks-MH 2_fa47ac3a-ce4e-43be-bc3f-98e5181c9e1b_20250827_103436_045.jpg, 00:11:16, 70.29ft
Infiltration Runner Joint at 4 o'clock, within 8 inch



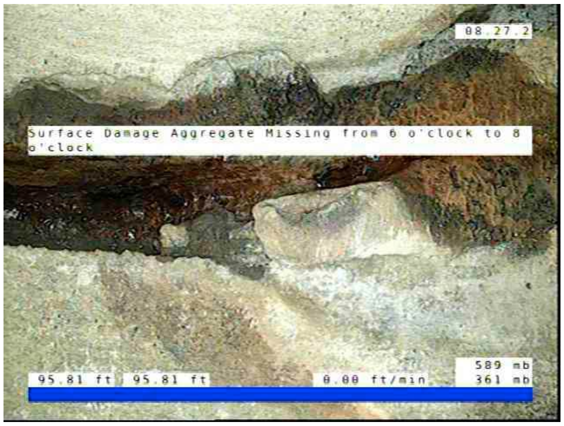
End Pipe At RR Tracks-MH 2_73dc6434-8f8a-4e78-8e07-d2916355e23c_20250827_103548_938.jpg, 00:12:19, 78.41ft
Infiltration Runner Joint from 7 o'clock to 10 o'clock, within 8 inch

End Pipe At RR Tracks-MH 2_37a8b983-71c7-4d87-9d0a-359f8b8e6b01_20250827_103709_161.jpg, 00:13:21, 87.62ft
Joint Offset Medium

End Pipe At RR Tracks-MH 2_5546f7be-747a-4e59-a870-737a7da0aebe_20250827_103737_383.jpg, 00:13:40, 87.62ft
Surface Damage Aggregate Missing from 12 o'clock to 3 o'clock, within 8 inch

Section Pictures - 8/27/2025 - End Pipe At RR Tracks-MH 2

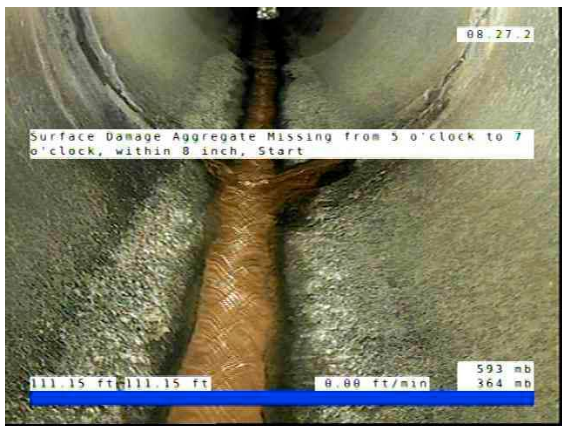
City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**End Pipe At RR Tracks-MH**	**1**



End Pipe At RR Tracks-MH 2_232993cb-d3f9-45aa-b541-be2d943563b1_20250827_103831_028.jpg, 00:14:24, 95.81ft
Surface Damage Aggregate Missing from 6 o'clock to 8 o'clock

End Pipe At RR Tracks-MH 2_ba52d718-1515-4a16-9470-effe68b55d22_20250827_103946_683.jpg, 00:14:24, 95.81ft
Surface Damage Aggregate Missing from 6 o'clock to 8 o'clock

End Pipe At RR Tracks-MH 2_b9abc650-258e-485e-b83f-cd5ae59d95e8_20250827_104000_821.jpg, 00:15:42, 108.84ft
Crack Circumferential from 10 o'clock to 12 o'clock, within 8 inch



End Pipe At RR Tracks-MH 2_aba731aa-413c-4266-9d0a-ca4a62f61172_20250827_104032_938.jpg, 00:16:03, 111.15ft
Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock, within 8 inch, Start

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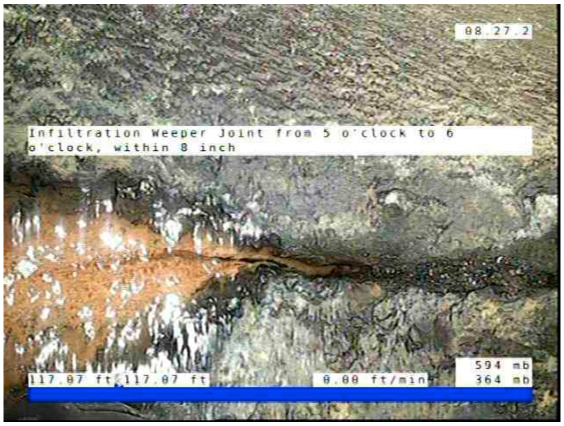
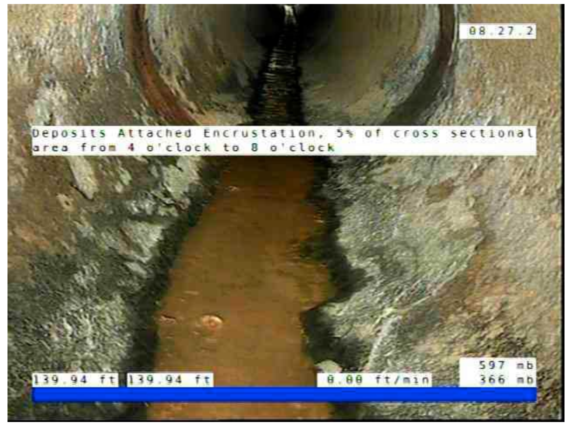
Section Pictures - 8/27/2025 - End Pipe At RR Tracks-MH 2

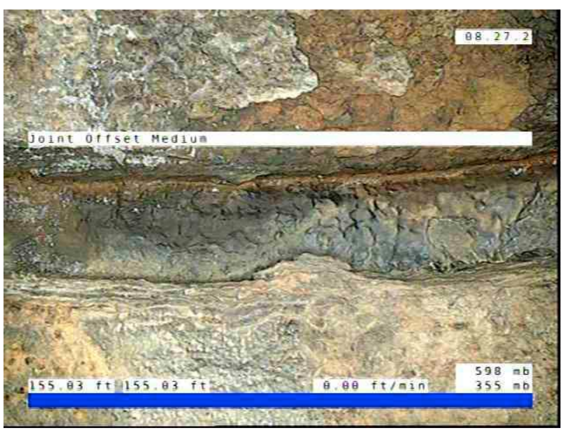
City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**End Pipe At RR Tracks-MH**	**1**



End Pipe At RR Tracks-MH 2_f4f85039-13ad-4b89-8641-44b24dfd6e6e_20250827_104143_844.jpg, 00:16:41, 117.07ft
Infiltration Weeper Joint from 5 o'clock to 6 o'clock, within 8 inch



End Pipe At RR Tracks-MH 2_454851d3-e7e2-4735-a1da-79669bc23d6f_20250827_104342_575.jpg, 00:18:30, 139.94ft
Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 8 o'clock

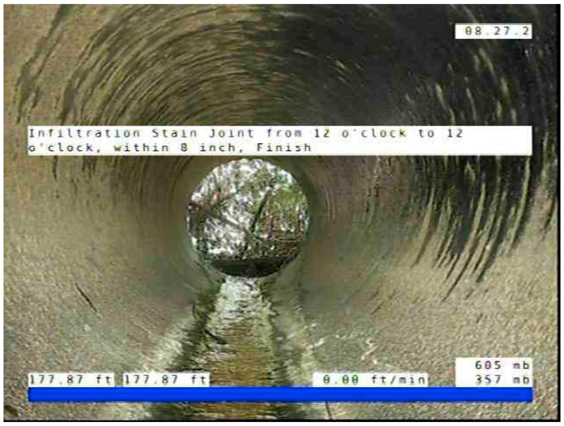


End Pipe At RR Tracks-MH 2_86e66c89-590a-4b9f-aecd-12555e36a861_20250827_104502_025.jpg, 00:19:43, 155.03ft
Joint Offset Medium

End Pipe At RR Tracks-MH 2_374df6cd-2bdf-4b41-aadc-adb40431121b_20250827_104508_982.jpg, 00:19:43, 155.03ft
Joint Offset Medium

Section Pictures - 8/27/2025 - End Pipe At RR Tracks-MH 2

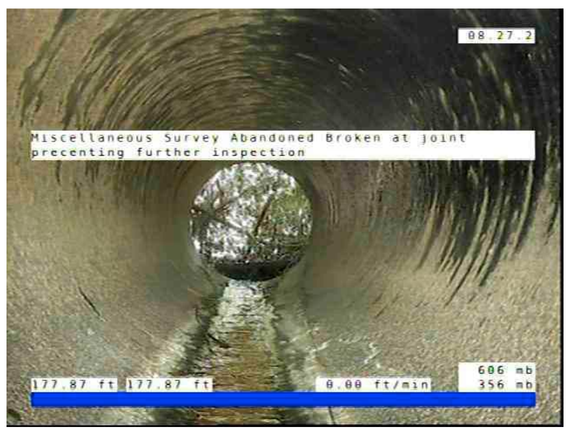
City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**End Pipe At RR Tracks-MH**	**1**



End Pipe At RR Tracks-MH 2_01371878-f10f-460b-a7ba-64bebde7348d_20250827_104948_472.jpg, 00:23:06, 177.87ft
Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock, within 8 inch, Finish

End Pipe At RR Tracks-MH 2_9a9b1744-35a3-41a5-8bc2-90efb3c3985c_20250827_105025_835.jpg, 00:23:06, 177.87ft
Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock, within 8 inch, Finish

End Pipe At RR Tracks-MH 2_b3d3ecf0-d2d1-4674-868c-a5c5a712740c_20250827_104949_287.jpg, 00:23:09, 177.87ft
Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish



End Pipe At RR Tracks-MH 2_f4e3c4dc-6dc4-4c37-947f-1c4909149b6f_20250827_105012_074.jpg, 00:23:16, 177.87ft
Miscellaneous Survey Abandoned / Broken at joint precenting further inspection

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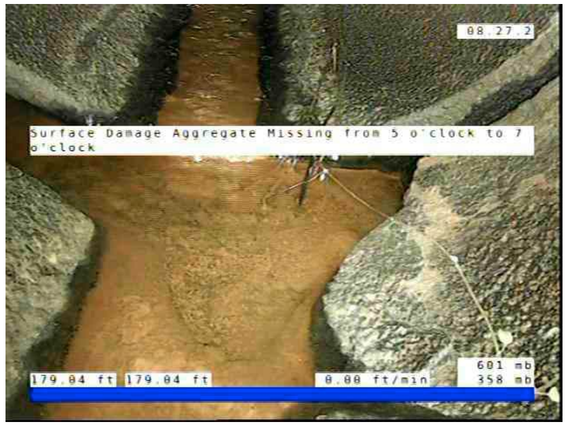
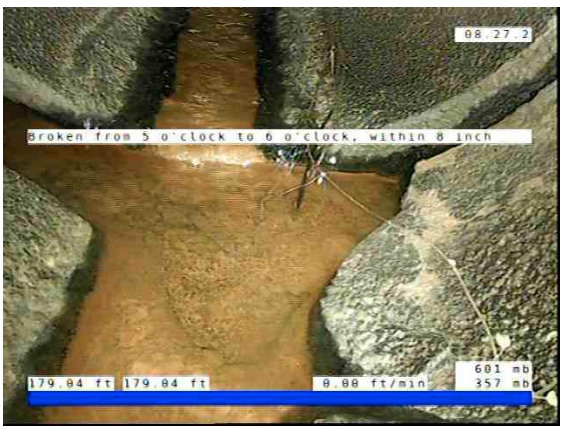
Section Pictures - 8/27/2025 - End Pipe At RR Tracks-MH 2

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**End Pipe At RR Tracks-MH**	**1**

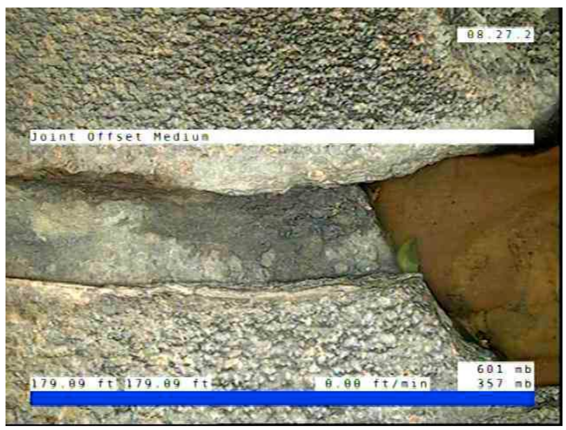
End Pipe At RR Tracks-MH 2_a8aa8929-1a05-444a-a016-49bd24106a30_20250827_105012_615.jpg, 00:23:16, 177.87ft
Miscellaneous Survey Abandoned / Broken at joint precenting further inspection



End Pipe At RR Tracks-MH 2_18b272e4-b89c-4d73-bd08-e583ab86b225_20250827_104643_310.jpg, 00:21:10, 179.04ft
Surface Damage Aggregate Missing from 5 o'clock to 7 o'clock



End Pipe At RR Tracks-MH 2_d3608b81-6151-4354-a895-51640abe9798_20250827_104701_554.jpg, 00:21:19, 179.04ft
Broken from 5 o'clock to 6 o'clock, within 8 inch



End Pipe At RR Tracks-MH 2_ff2d73fd-fe4d-4757-ad76-1aaaeab955ae_20250827_104729_452.jpg, 00:21:42, 179.09ft
Joint Offset Medium

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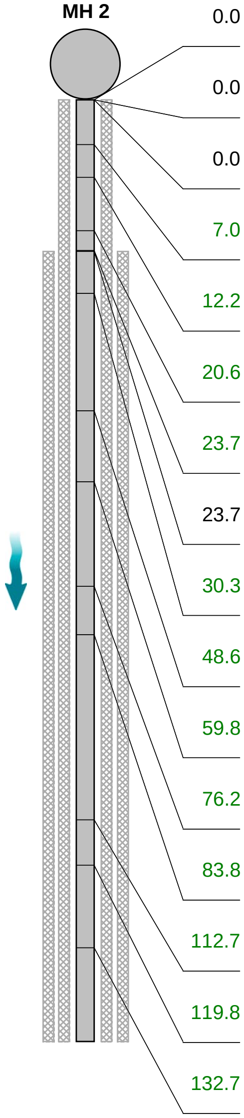
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**MH 2-MH 3**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Downstream**		**272.8 '**	**272.8 '**

City:	**Glasgow**	Drainage Area:		Upstream MH:	**MH 2**
Street:	**2 AEP Way**	Media Label:		Up Rim to Invert:	
Location Code:		Flow Control:		Downstream MH:	**MH 3**
Location Details:		Sheet Number:		Down Rim to Invert:	
Pipe shape:	**Circular**	Sewer Use:	**Stormwater Pipe**	Total gallons used:	**0.0**
Pipe size:	**24 "**	Sewer Category:	**SEC**	Joints passed:	**0**
Pipe material:	**Reinforced Concrete Pipe**	Purpose:		Joints failed:	**0**
Lining Method:		Owner:			
Additional Info:					

1:1113

MH 2



Distance		Code	Observation	Counter	Photo	Grade
0.0		AMH	Manhole / MH 2	00:00:00	MH 2-MH 3_f7343858-f239-43d	
0.0		MWL	Water Level, 5% of the vertical dimension	00:00:01	MH 2-MH 3_48c93149-15e3-44	
0.0	S01	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start	00:00:13	MH 2-MH 3_5eb10ee6-870a-4	
7.0		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:00:49		M3
12.2		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 6 o'clock to 8 o'clock, within 8 inch	00:01:29	MH 2-MH 3_50d0665e-ffa2-4a	M2
20.6		IRJ	Infiltration Runner Joint from 1 o'clock to 5 o'clock, within 8 inch	00:02:17	MH 2-MH 3_8adf855a-6bbb-41	M4
23.7		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch	00:03:26	MH 2-MH 3_7fc5bc72-efdb-4d1	M2
23.7	S02	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch, Start	00:03:43	MH 2-MH 3_7a099a22-cbb5-4	
30.3		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:04:24	MH 2-MH 3_5ecc5dbb-4866-41	M3
48.6		DSGV	Deposits Settled Gravel, 5% of cross sectional area from 5 o'clock to 7 o'clock, within 8 inch	00:05:32	MH 2-MH 3_dd614a93-f13f-45	M2
59.8		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:06:06	MH 2-MH 3_3854c665-5be1-43	M3
76.2		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:06:57	MH 2-MH 3_8929e918-f4b9-44	M3
83.8		IDJ	Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch	00:07:25	MH 2-MH 3_d26192ac-c0e6-4	M3
112.7		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:09:02	MH 2-MH 3_3e253139-fd9c-4e	M3
119.8		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:09:29	MH 2-MH 3_90511253-4d89-4	M3
132.7		IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch	00:10:14	MH 2-MH 3_af908bac-cb78-43	M3

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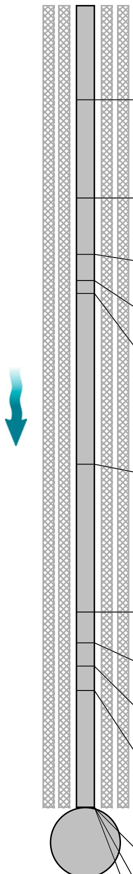
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**MH 2-MH 3**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Downstream**		**272.8 '**	**272.8 '**



MH 3

1:1113 Distance		Code	Observation	Counter	Photo	Grade
162.2		IRJ	Infiltration Runner Joint from 6 o'clock to 11 o'clock, within 8 inch	00:11:36	MH 2-MH 3_896795 a9-5677-4	M4
177.5		IRJ	Infiltration Runner Joint at 12 o'clock, within 8 inch	00:12:29	MH 2-MH 3_231b51 d6-9297-4	M4
186.4		IRJ	Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch	00:13:12	MH 2-MH 3_84cb703 2-d478-42	M4
190.5		IRJ	Infiltration Runner Joint from 6 o'clock to 9 o'clock, within 8 inch	00:13:57	MH 2-MH 3_d6e23f5 8-cc17-4bf	M4
192.4		IRJ	Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch	00:14:21	MH 2-MH 3_2e44ae 87-eac8-4	M4
219.2		IRJ	Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch	00:15:36	MH 2-MH 3_b9851c6 a-c2fc-409	M4
242.4		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:17:04	MH 2-MH 3_2cac5b4 c-b3d2-42	M3
247.2		IRJ	Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch	00:17:32	MH 2-MH 3_4d6906 3c-f824-47	M4
250.8		IDJ	Infiltration Dripper Joint from 9 o'clock to 12 o'clock, within 8 inch	00:18:06	MH 2-MH 3_ec1ec64 c-b663-46	M3
254.5		IRJ	Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch	00:18:32	MH 2-MH 3_c92dd8a c-7564-46	M4
272.8	F01	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish	00:19:58	MH 2-MH 3_0d5120 23-7c3c-4	M1
272.8	F02	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch, Finish	00:20:00	MH 2-MH 3_9f97759 7-5618-4c	M2
272.8		AMH	Manhole / MH 3	00:20:10	MH 2-MH 3_4161e1 29-bd7e-4	

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	493A	493A	0.0	227.0	227.0	0.0	1.8	1.8

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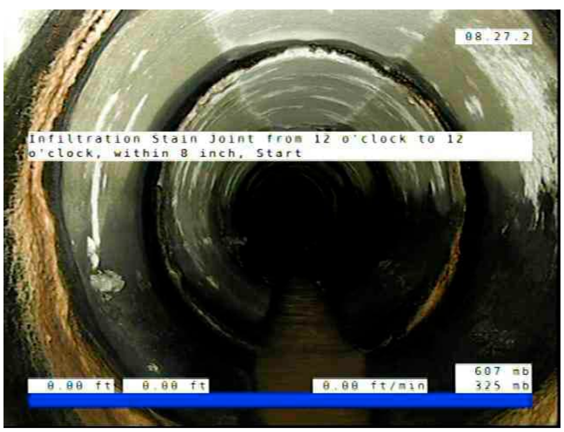
Section Pictures - 8/27/2025 - MH 2-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**

MH 2-MH 3_f7343858-f239-43d8-94f4-188cfe180db2_20250827_105605_447.jpg, 00:00:00, 0.00ft
Manhole / MH 2

MH 2-MH 3_48c93149-15e3-44d5-ae99-f41a18ddc861_20250827_105603_721.jpg, 00:00:01, 0.00ft
Water Level, 5% of the vertical dimension



MH 2-MH 3_5eb10ee6-870a-43a3-8401-1b3eb701ca2c_20250827_105630_019.jpg, 00:00:13, 0.00ft
Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start

MH 2-MH 3_50d0665e-ffa2-4a2f-97cb-b904ae59099f_20250827_105807_167.jpg, 00:01:29, 12.21ft
Deposits Attached Encrustation, 5% of cross sectional area from 6 o'clock to 8 o'clock, within 8 inch

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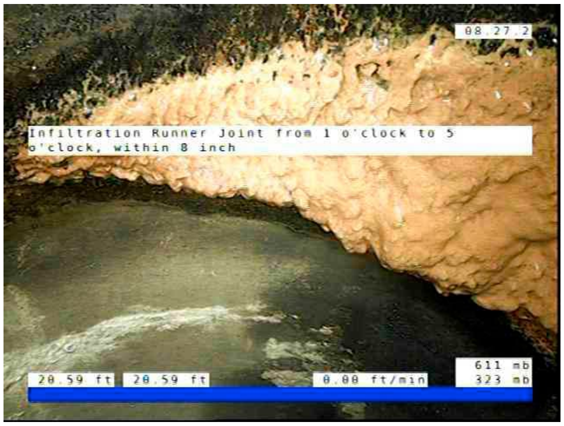
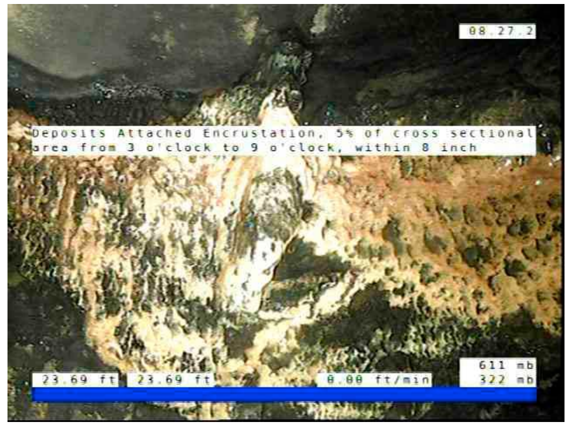
Section Pictures - 8/27/2025 - MH 2-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**

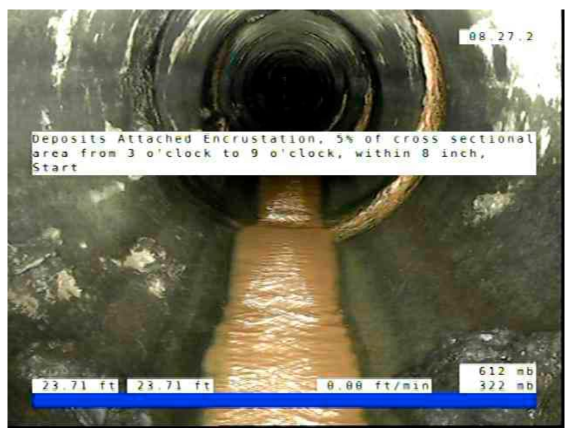


MH 2-MH 3_8adf855a-6bbb-4129-95af-0e877c914f16_20250827_105953_152.jpg, 00:02:17, 20.59ft
Infiltration Runner Joint from 1 o'clock to 5 o'clock, within 8 inch



MH 2-MH 3_7fc5bc72-efdb-4d14-a52b-e860acc0dc97_20250827_110112_851.jpg, 00:03:26, 23.69ft
Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch

MH 2-MH 3_0958ab30-ece3-4335-aad1-d0c1c9611d72_20250827_110116_879.jpg, 00:03:26, 23.69ft
Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch



MH 2-MH 3_7a099a22-cbb5-4849-8e36-0552fa753c60_20250827_110143_610.jpg, 00:03:43, 23.71ft
Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch, Start

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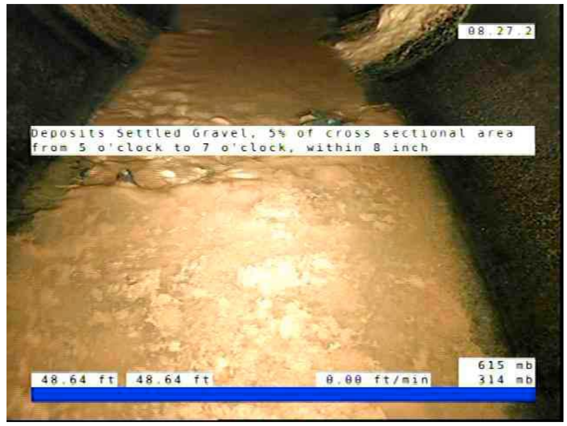
Section Pictures - 8/27/2025 - MH 2-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**

MH 2-MH 3_5ecc5dbb-4866-41ea-b86c-695baaad5530_20250827_110231_849.jpg, 00:04:24, 30.34ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch



MH 2-MH 3_dd614a93-f13f-4550-8fd6-68e46a915448_20250827_110354_376.jpg, 00:05:32, 48.64ft
Deposits Settled Gravel, 5% of cross sectional area from 5 o'clock to 7 o'clock, within 8 inch

MH 2-MH 3_3854c665-5be1-4394-84e6-5c4c782fa202_20250827_110441_573.jpg, 00:06:06, 59.84ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

MH 2-MH 3_8929e918-f4b9-44fc-90d3-1ffdc54847c7_20250827_110541_059.jpg, 00:06:57, 76.18ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

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Section Pictures - 8/27/2025 - MH 2-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**

MH 2-MH 3_d26192ac-c0e6-4006-92e0-342b66886d99_20250827_110620_904.jpg, 00:07:25, 83.79ft
Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch

MH 2-MH 3_15784d83-e353-4ab7-a57f-f574361d37ed_20250827_110624_207.jpg, 00:07:25, 83.79ft
Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch

MH 2-MH 3_3e253139-fd9c-4ef9-b23d-58973865c7bc_20250827_110838_299.jpg, 00:09:02, 112.71ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

MH 2-MH 3_90511253-4d89-4ec8-a31c-26af165bc340_20250827_110911_953.jpg, 00:09:29, 119.77ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

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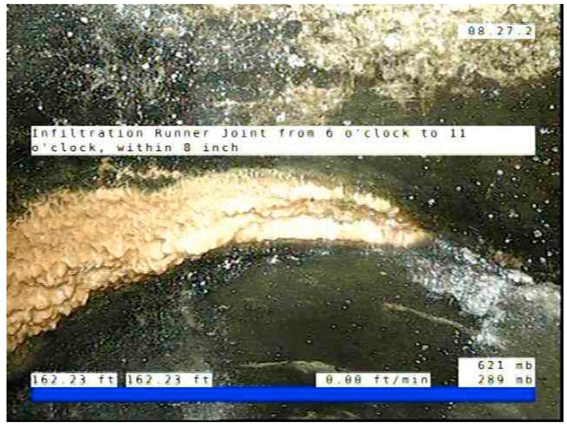
Section Pictures - 8/27/2025 - MH 2-MH 3

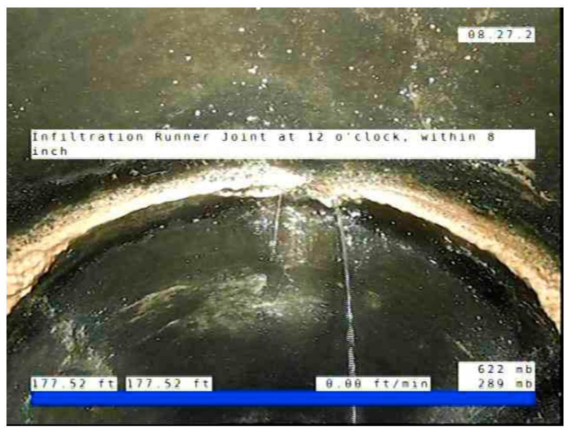
City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**

MH 2-MH 3_af908bac-cb78-43ba-9732-41fa76f8cd61_20250827_111004_552.jpg, 00:10:14, 132.67ft
Infiltration Dripper Joint at 11 o'clock, within 8 inch



MH 2-MH 3_896795a9-5677-4961-8c2e-6ec87c2b4770_20250827_111137_683.jpg, 00:11:36, 162.23ft
Infiltration Runner Joint from 6 o'clock to 11 o'clock, within 8 inch

MH 2-MH 3_059a1431-fd06-4caa-b6df-0645f1de4d0b_20250827_111142_244.jpg, 00:11:36, 162.23ft
Infiltration Runner Joint from 6 o'clock to 11 o'clock, within 8 inch



MH 2-MH 3_231b51d6-9297-4956-b2a9-1ea6f274e0eb_20250827_111328_935.jpg, 00:12:29, 177.51ft
Infiltration Runner Joint at 12 o'clock, within 8 inch

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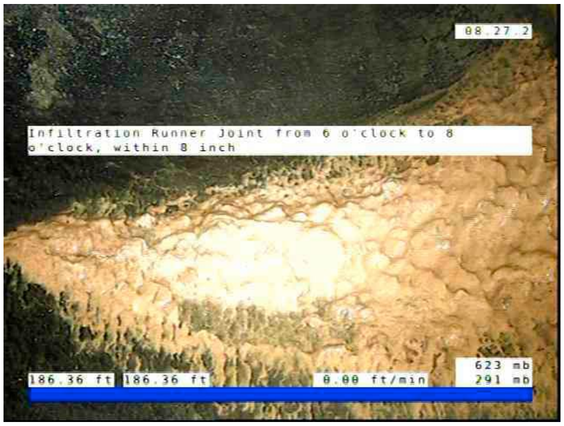
Section Pictures - 8/27/2025 - MH 2-MH 3

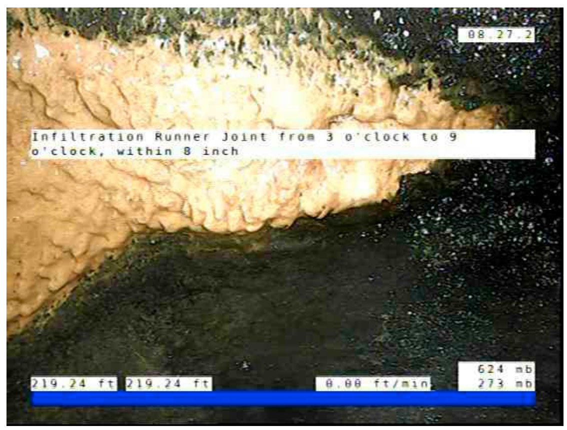
City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**



MH 2-MH 3_84cb7032-d478-4234-8931-da492c7c7986_20250827_111421_321.jpg, 00:13:12, 186.36ft
Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch

MH 2-MH 3_d6e23f58-cc17-4bf1-bc8b-2af7f9afa853_20250827_111517_950.jpg, 00:13:57, 190.45ft
Infiltration Runner Joint from 6 o'clock to 9 o'clock, within 8 inch

MH 2-MH 3_2e44ae87-eac8-4e2a-990c-3a5cd1c91ead_20250827_111554_773.jpg, 00:14:21, 192.42ft
Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch

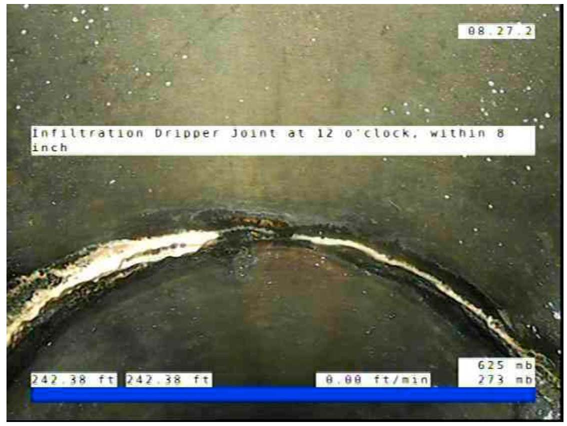


MH 2-MH 3_b9851c6a-c2fc-4093-b9a0-cbbd76102058_20250827_111721_439.jpg, 00:15:36, 219.23ft
Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch

Section Pictures - 8/27/2025 - MH 2-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**

MH 2-MH 3_e6cc76c3-87c9-4b7c-a04e-f88392dc0b97_20250827_111736_825.jpg, 00:15:36, 219.23ft
Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch



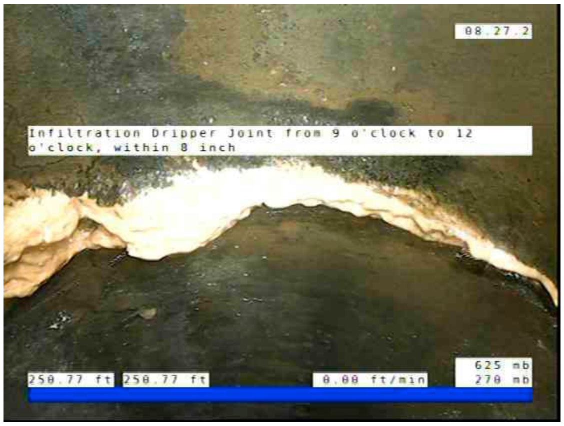
MH 2-MH 3_2cac5b4c-b3d2-42c4-b707-73c21431965c_20250827_111858_898.jpg, 00:17:04, 242.38ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

MH 2-MH 3_4d69063c-f824-4714-b48c-6490180f28ee_20250827_111936_406.jpg, 00:17:32, 247.16ft
Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch

MH 2-MH 3_debc511b-4c45-4538-b72c-5261bd2d3b60_20250827_111944_925.jpg, 00:17:32, 247.16ft
Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch

Section Pictures - 8/27/2025 - MH 2-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**



MH 2-MH 3_ec1ec64c-b663-4657-8d5f-762d101d78b5_20250827_112024_966.jpg, 00:18:06, 250.77ft
Infiltration Dripper Joint from 9 o'clock to 12 o'clock, within 8 inch

MH 2-MH 3_c92dd8ac-7564-4640-9c8d-d70e090b5032_20250827_112118_937.jpg, 00:18:32, 254.55ft
Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch

MH 2-MH 3_0d512023-7c3c-4d44-ad0d-bbd2e71c5d69_20250827_112314_698.jpg, 00:19:58, 272.81ft
Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish

MH 2-MH 3_9f977597-5618-4c6e-8bb0-3635a37e0a33_20250827_112309_795.jpg, 00:20:00, 272.81ft
Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch, Finish

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Section Pictures - 8/27/2025 - MH 2-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 2-MH 3**	**2**

MH 2-MH 3_4161e129-bd7e-47a7-b3c3-3adcb73e8893_20250827_112325_929.jpg, 00:20:10, 272.81ft
Manhole / MH 3

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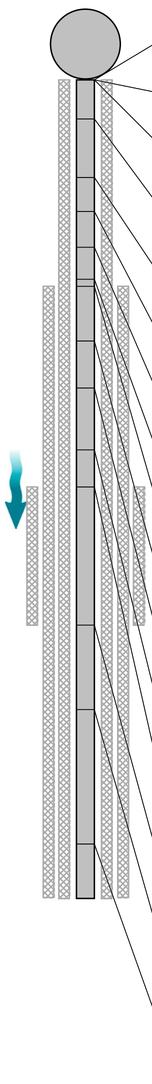
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**MH 3-Outlet at river**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Downstream**		**574.6 '**	**574.6 '**

City:	**Glasgow**	Drainage Area:		Upstream MH:	**MH 3**
Street:	**2 AEP Way**	Media Label:		Up Rim to Invert:	
Location Code:		Flow Control:		Downstream MH:	**Outlet at river**
Location Details:		Sheet Number:		Down Rim to Invert:	
Pipe shape:	**Circular**	Sewer Use:	**Stormwater Pipe**	Total gallons used:	**0.0**
Pipe size:	**36 "**	Sewer Category:	**SEC**	Joints passed:	**0**
Pipe material:	**Reinforced Concrete Pipe**	Purpose:		Joints failed:	**0**
Lining Method:		Owner:			
Additional Info:					

MH 3



1:1866	Distance		Code	Observation	Counter	Photo	Grade
MH 3	0.0		AMH	Manhole / MH 3	00:00:00	MH 3-Outlet at river_9a51	
	0.0		MWL	Water Level, 5% of the vertical dimension	00:00:09	MH 3-Outlet at river_0204	
	0.0	S01	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start	00:00:54	MH 3-Outlet at river_65d0	
	10.4		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:01:34	MH 3-Outlet at river_1e8c	M3
	25.6		IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch	00:02:27	MH 3-Outlet at river_60f7b	M3
	34.6		IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch	00:03:07	MH 3-Outlet at river_ddbb	M3
	43.9		IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch	00:03:35	MH 3-Outlet at river_86c9	M3
	52.3		IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch	00:04:25	MH 3-Outlet at river_a57c	M3
	54.3	S02	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Start / At joints only	00:04:41	MH 3-Outlet at river_1f080	
	68.6		IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch	00:05:30	MH 3-Outlet at river_4217	M3
	80.8		IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch	00:06:08	MH 3-Outlet at river_3052	M3
	97.1		IRJ	Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch	00:06:55	MH 3-Outlet at river_068d	M4
	106.7	S03	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 10 o'clock to 2 o'clock, within 8 inch, Start	00:07:36	MH 3-Outlet at river_f5d4c	
	143.1	F03	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 10 o'clock to 2 o'clock, within 8 inch, Finish	00:09:03	MH 3-Outlet at river_c826	M2
	165.2		DSZ	Deposits Settled Other, 5% of cross sectional area from 5 o'clock to 6 o'clock, within 8 inch / Step from manhole	00:10:17	MH 3-Outlet at river_7b8fa	M2
	200.6		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 5 o'clock, within 8 inch	00:11:55	MH 3-Outlet at river_6ed5	M2

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Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**MH 3-Outlet at river**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Downstream**		**574.6 '**	**574.6 '**

1:1866 Distance		Code	Observation	Counter	Photo	Grade
228.6	F01	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish	00:13:09	MH 3-Outlet at river_84a9	M1
259.8	F02	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Finish / At joints only	00:14:43	MH 3-Outlet at river_5fb65	M2
268.8		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 5 o'clock, within 8 inch	00:15:25	MH 3-Outlet at river_f71a7	M2
274.2	S04	CL	Crack Longitudinal at 12 o'clock, within 8 inch, Start	00:15:43	MH 3-Outlet at river_40f94	
383.3		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 6 o'clock to 8 o'clock, within 8 inch	00:20:35	MH 3-Outlet at river_7bb1	M2
421.1	F04	CL	Crack Longitudinal at 12 o'clock, within 8 inch, Finish	00:22:45	MH 3-Outlet at river_e239f	S2
421.1	S05	FM	Fracture Multiple from 12 o'clock to 12 o'clock, within 8 inch, Start	00:22:52	MH 3-Outlet at river_ac8b	
456.8	F05	FM	Fracture Multiple from 12 o'clock to 12 o'clock, within 8 inch, Finish	00:24:49	MH 3-Outlet at river_648b	S4
532.8		ISJ	Infiltration Stain Joint from 2 o'clock to 5 o'clock, within 8 inch	00:27:53	MH 3-Outlet at river_f21bd	M1
546.3		MMC	Miscellaneous Material Change, Reinforced concrete pipe / RCP to CMP	00:28:56	MH 3-Outlet at river_2e1b	
567.8	S06	DFE	Deformed Flexible Elliptical, 5%, Start	00:31:43	MH 3-Outlet at river_bfd7e	
574.6	F06	DFE	Deformed Flexible Elliptical, 5%, Finish	00:33:07	MH 3-Outlet at river_1875	S3
574.6		MSA	Miscellaneous Survey Abandoned / Deep water, not being able to see bottom of pipe	00:33:11	MH 3-Outlet at river_5485	

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4731	4137	4838	89.0	176.0	265.0	2.4	1.6	1.8

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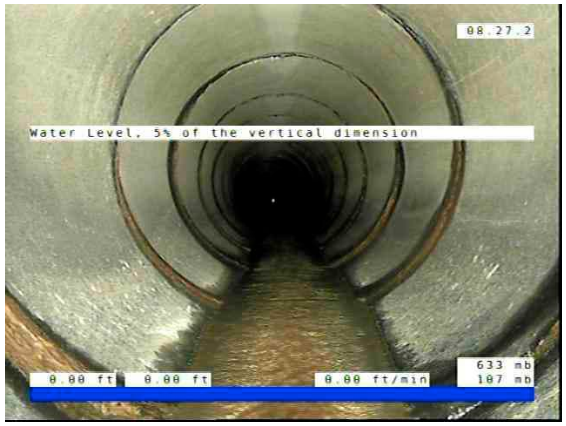
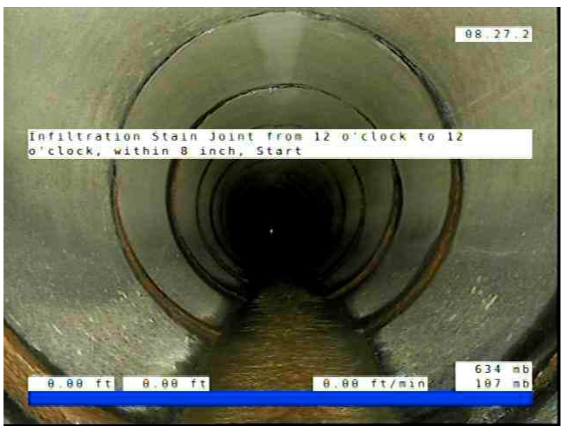
Section Pictures - 8/27/2025 - MH 3-Outlet at river

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 3-Outlet at river**	**3**

MH 3-Outlet at river_9a51910f-47b7-4229-83ae-e74956b0b129_20250827_121912_782.jpg, 00:00:00, 0.00ft
Manhole / MH 3



MH 3-Outlet at river_02041c8c-57ab-44b0-9cd3-c1002b554add_20250827_121919_571.jpg, 00:00:09, 0.00ft
Water Level, 5% of the vertical dimension



MH 3-Outlet at river_65d09646-3c21-4838-80e5-ef820cd5209e_20250827_122016_747.jpg, 00:00:54, 0.00ft
Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start

MH 3-Outlet at river_1e8c07e1-d4df-441f-bdd6-17a3295e7172_20250827_122103_472.jpg, 00:01:34, 10.43ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

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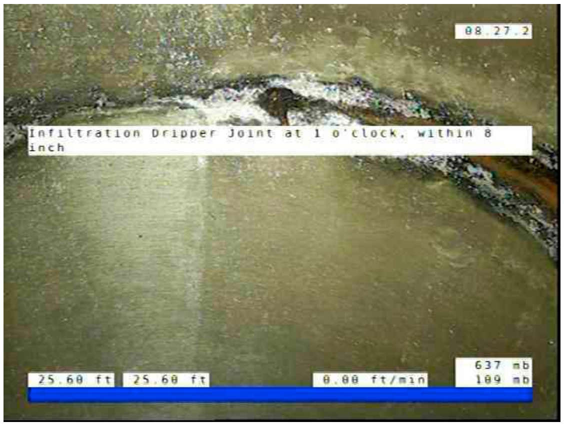
Section Pictures - 8/27/2025 - MH 3-Outlet at river

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 3-Outlet at river**	**3**



MH 3-Outlet at river_60f7b0cf-2970-442d-b359-51af7be2e141_20250827_122324_751.jpg, 00:02:27, 25.60ft
Infiltration Dripper Joint at 1 o'clock, within 8 inch

MH 3-Outlet at river_ddbbb725-f073-418d-b0c8-791609c667c5_20250827_122437_994.jpg, 00:03:07, 34.65ft
Infiltration Dripper Joint at 1 o'clock, within 8 inch

MH 3-Outlet at river_86c9e55c-5fd4-4080-b8d7-b6f588491765_20250827_122512_538.jpg, 00:03:35, 43.91ft
Infiltration Dripper Joint at 11 o'clock, within 8 inch

MH 3-Outlet at river_a57c5f01-91f4-4f0d-b392-446cad98af7b_20250827_122611_915.jpg, 00:04:25, 52.32ft
Infiltration Dripper Joint at 11 o'clock, within 8 inch

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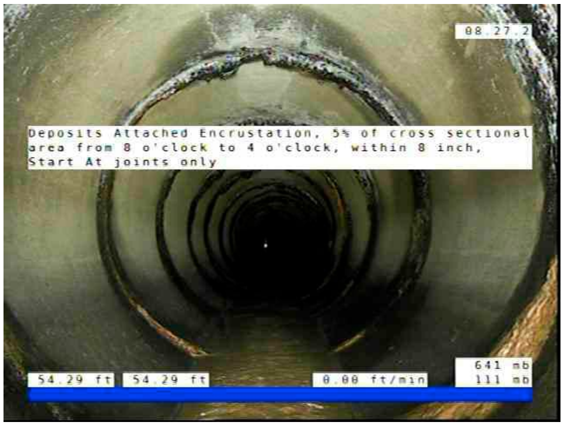
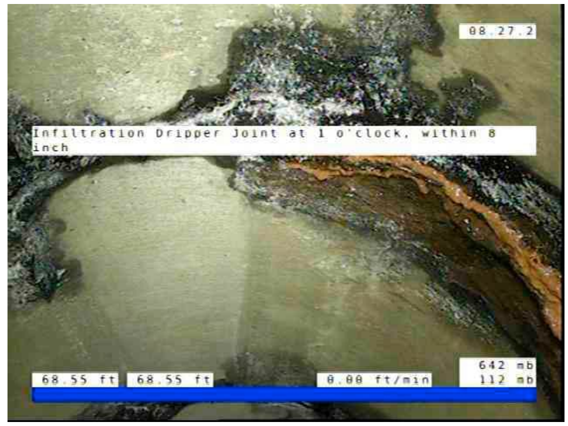
Section Pictures - 8/27/2025 - MH 3-Outlet at river

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 3-Outlet at river**	**3**



MH 3-Outlet at river_1f080981-0572-458b-a62b-ba0381db4918_20250827_122653_936.jpg, 00:04:41, 54.29ft
Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Start / At joints only



MH 3-Outlet at river_42173144-179c-4bdb-92bf-a5b46d0fb639_20250827_122752_048.jpg, 00:05:30, 68.55ft
Infiltration Dripper Joint at 1 o'clock, within 8 inch

MH 3-Outlet at river_30520813-b57e-4604-a876-7dc61aee852d_20250827_122838_945.jpg, 00:06:08, 80.84ft
Infiltration Dripper Joint at 1 o'clock, within 8 inch

MH 3-Outlet at river_068db1ed-66d7-4f70-b9ce-dae8967d357c_20250827_122937_163.jpg, 00:06:55, 97.13ft
Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch

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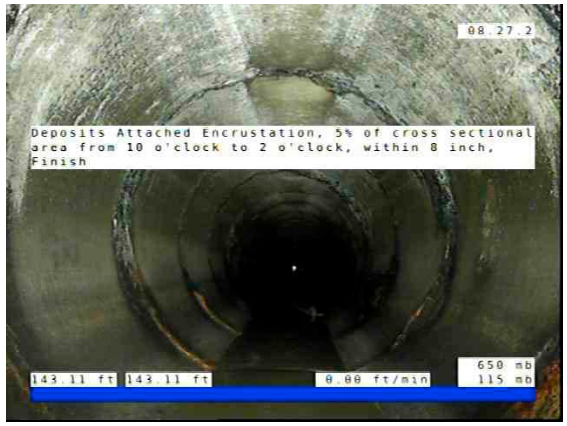
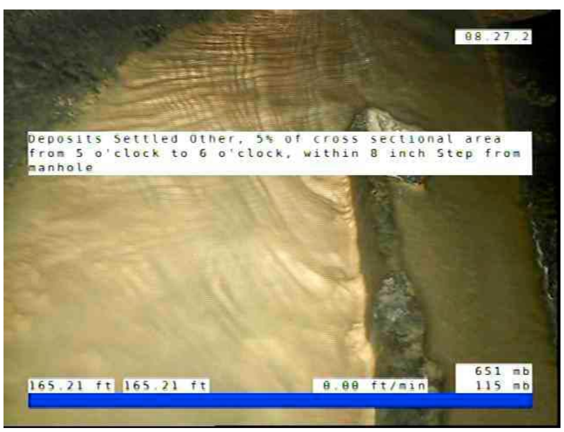
Section Pictures - 8/27/2025 - MH 3-Outlet at river

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 3-Outlet at river**	**3**

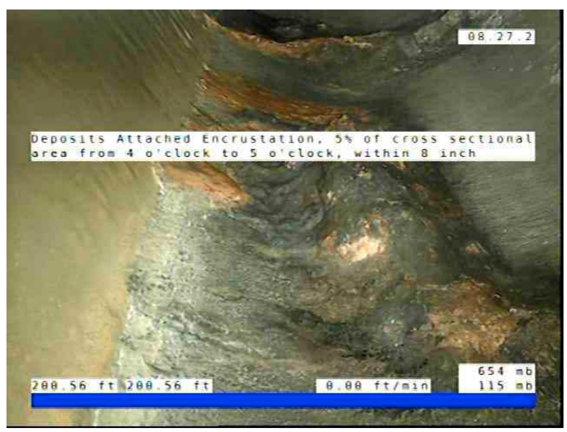
MH 3-Outlet at river_f5d4cb32-be18-4959-8598-b9e4f3f27849_20250827_123045_239.jpg, 00:07:36, 106.75ft
Deposits Attached Encrustation, 5% of cross sectional area from 10 o'clock to 2 o'clock, within 8 inch, Start



MH 3-Outlet at river_c826366a-5182-4f3a-974c-54388cbf589c_20250827_123221_324.jpg, 00:09:03, 143.11ft
Deposits Attached Encrustation, 5% of cross sectional area from 10 o'clock to 2 o'clock, within 8 inch, Finish



MH 3-Outlet at river_7b8fa7b4-b585-4011-8531-08121c6e27d9_20250827_123358_176.jpg, 00:10:17, 165.21ft
Deposits Settled Other, 5% of cross sectional area from 5 o'clock to 6 o'clock, within 8 inch / Step from manhole



MH 3-Outlet at river_6ed5ea15-49c9-4524-b7ad-65a6b143a9c5_20250827_123549_543.jpg, 00:11:55, 200.56ft
Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 5 o'clock, within 8 inch

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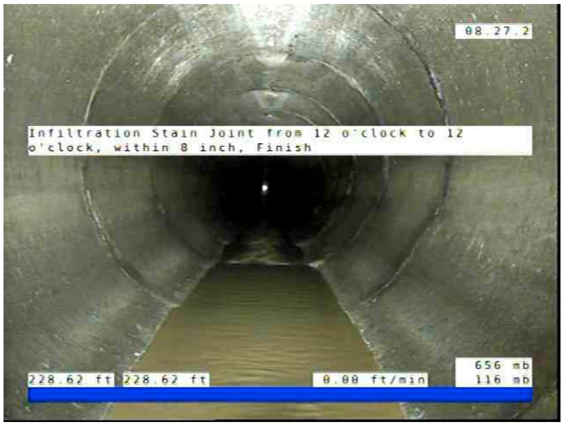
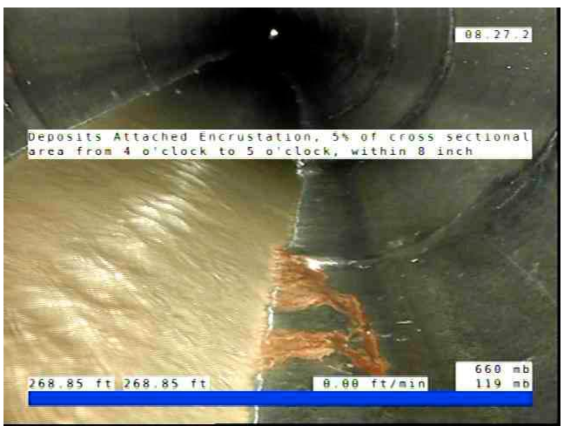
Section Pictures - 8/27/2025 - MH 3-Outlet at river

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 3-Outlet at river**	**3**



MH 3-Outlet at river_84a9d565-431a-45ff-bdf3-c42530c3a27a_20250827_123711_531.jpg, 00:13:09, 228.62ft
Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish

MH 3-Outlet at river_5fb65841-e374-41e4-8ae0-c95437586c68_20250827_123851_970.jpg, 00:14:43, 259.79ft
Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Finish / At joints only



MH 3-Outlet at river_f71a7651-ecd2-4f1c-90df-7f35103d38bb_20250827_123958_076.jpg, 00:15:25, 268.85ft
Deposits Attached Encrustation, 5% of cross sectional area from 4 o'clock to 5 o'clock, within 8 inch

MH 3-Outlet at river_40f9447a-41a6-45ed-9ac4-58f4c945c8b8_20250827_124030_138.jpg, 00:15:43, 274.21ft
Crack Longitudinal at 12 o'clock, within 8 inch, Start

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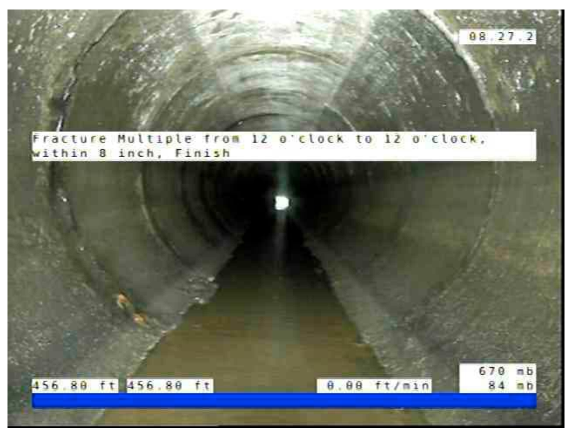
Section Pictures - 8/27/2025 - MH 3-Outlet at river

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 3-Outlet at river**	**3**

MH 3-Outlet at river_7bb1e2ab-4518-42ba-aad2-3efaca4baffa_20250827_124543_945.jpg, 00:20:35, 383.28ft
Deposits Attached Encrustation, 5% of cross sectional area from 6 o'clock to 8 o'clock, within 8 inch

MH 3-Outlet at river_e239f9c1-d856-4c7b-9a12-bfa92c096a1e_20250827_124834_078.jpg, 00:22:45, 421.05ft
Crack Longitudinal at 12 o'clock, within 8 inch, Finish

MH 3-Outlet at river_ac8bab1e-c3b4-4750-84cd-f5d6a73e35af_20250827_124850_710.jpg, 00:22:52, 421.05ft
Fracture Multiple from 12 o'clock to 12 o'clock, within 8 inch, Start



MH 3-Outlet at river_648b7a94-9385-4059-9c56-48fb451fa51e_20250827_125054_117.jpg, 00:24:49, 456.80ft
Fracture Multiple from 12 o'clock to 12 o'clock, within 8 inch, Finish

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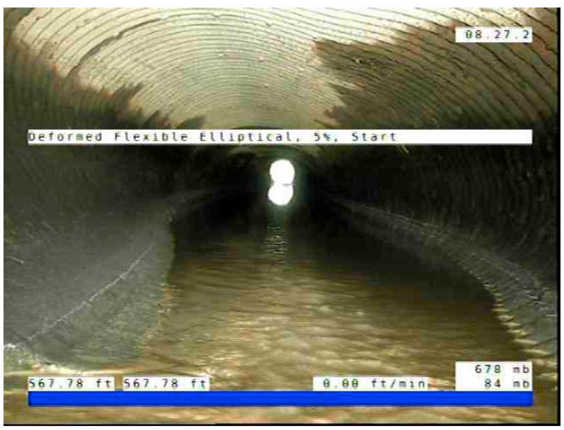
Section Pictures - 8/27/2025 - MH 3-Outlet at river

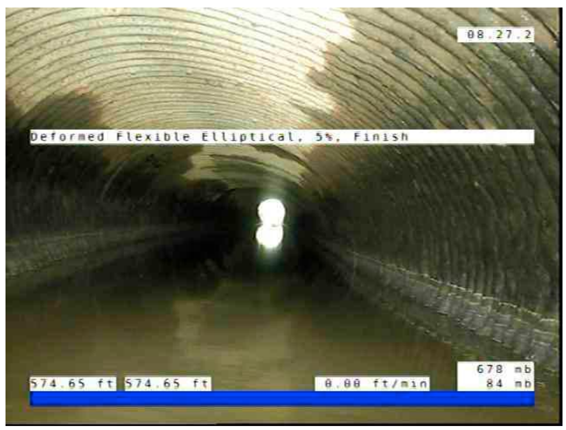
City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 3-Outlet at river**	**3**

MH 3-Outlet at river_f21bdf8c-a0aa-4eb7-a39b-86a121c50436_20250827_125414_003.jpg, 00:27:53, 532.75ft
Infiltration Stain Joint from 2 o'clock to 5 o'clock, within 8 inch

MH 3-Outlet at river_2e1bcbc7-65d2-48f5-a4bd-852666587d6b_20250827_125533_718.jpg, 00:28:56, 546.26ft
Miscellaneous Material Change, Reinforced concrete pipe / RCP to CMP



MH 3-Outlet at river_bfd7e622-1b6b-4b03-af3a-43785c351398_20250827_125856_894.jpg, 00:31:43, 567.78ft
Deformed Flexible Elliptical, 5%, Start



MH 3-Outlet at river_1875222b-a52d-4e03-8001-098bc25ba305_20250827_130031_547.jpg, 00:33:07, 574.65ft
Deformed Flexible Elliptical, 5%, Finish

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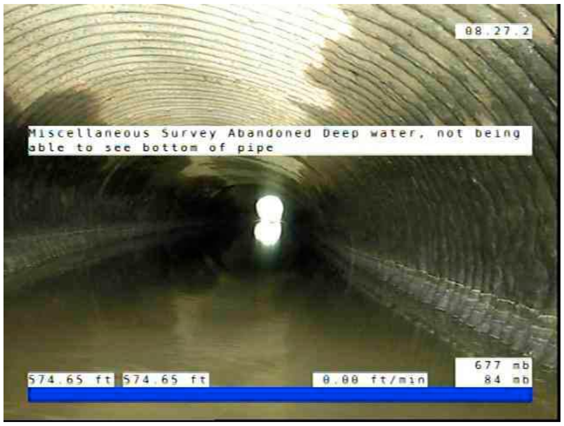
Section Pictures - 8/27/2025 - MH 3-Outlet at river

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 3-Outlet at river**	**3**



MH 3-Outlet at river_5485aaa0-3c98-4070-9615-087a66f7d43c_20250827_130134_315.jpg, 00:33:11, 574.65ft
Miscellaneous Survey Abandoned / Deep water, not being able to see bottom of pipe

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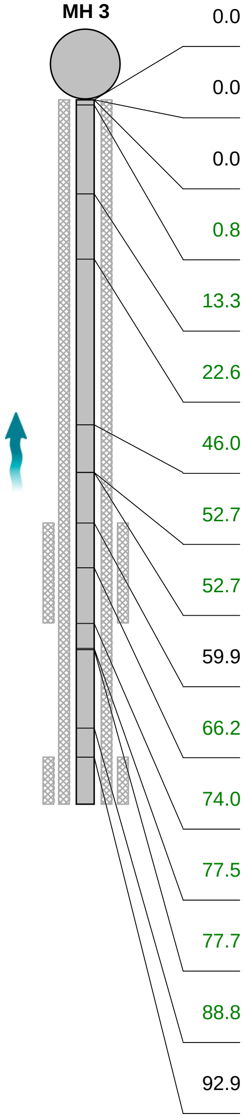
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**MH 1-MH 3**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Upstream**		**362.1 '**	**362.1 '**

City:	**Glasgow**	Drainage Area:		Upstream MH:	**MH 1**
Street:	**2 AEP Way**	Media Label:		Up Rim to Invert:	
Location Code:		Flow Control:		Downstream MH:	**MH 3**
Location Details:		Sheet Number:		Down Rim to Invert:	
Pipe shape:	**Circular**	Sewer Use:	**Stormwater Pipe**	Total gallons used:	**0.0**
Pipe size:	**24 "**	Sewer Category:	**SEC**	Joints passed:	**0**
Pipe material:	**Reinforced Concrete Pipe**	Purpose:		Joints failed:	**0**
Lining Method:		Owner:			
Additional Info:					



1:1005	Distance		Code	Observation	Counter	Photo	Grade
MH 3	0.0		AMH	Manhole / MH 3	00:00:00	MH 1-MH 3_c7052248-e1e1-41	
	0.0		MWL	Water Level, 5% of the vertical dimension	00:00:01	MH 1-MH 3_c829aa76-e643-48	
	0.0	S01	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start	00:00:13	MH 1-MH 3_d99b127e-4fbd-4f	
	0.8		IRJ	Infiltration Runner Joint from 9 o'clock to 2 o'clock, within 8 inch	00:00:28	MH 1-MH 3_0a96eac9-32dd-45	M4
	13.3		IGJ	Infiltration Gusher Joint at 2 o'clock, within 8 inch	00:01:15	MH 1-MH 3_6a51aa35-6f27-4f	M5
	22.6		IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:01:51	MH 1-MH 3_45fdfbf4-71d9-471	M3
	46.0		IRJ	Infiltration Runner Joint from 2 o'clock to 6 o'clock, within 8 inch	00:02:56	MH 1-MH 3_dbe9ee09-d762-4	M4
	52.7		IGJ	Infiltration Gusher Joint at 4 o'clock, within 8 inch	00:03:44	MH 1-MH 3_0f359df0-e31e-4a	M5
	52.7		IRJ	Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch	00:03:53	MH 1-MH 3_ccc551c4-2172-43	M4
	59.9	S02	IRJ	Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch, Start	00:04:23	MH 1-MH 3_00603bcc-f85a-403	
	66.2		IRJ	Infiltration Runner Joint from 6 o'clock to 9 o'clock, within 8 inch	00:04:48	MH 1-MH 3_6cb1d5cd-25ed-42	M4
	74.0	F02	IRJ	Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch, Finish	00:05:12	MH 1-MH 3_3e0e2f9f-eeba-4ffe	M4
	77.5		IRJ	Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch	00:05:31	MH 1-MH 3_d5c74fd7-8fe3-485	M4
	77.7		IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch	00:05:51	MH 1-MH 3_4aca6aa3-6a65-4b	M3
	88.8		DAE	Deposits Attached Encrustation, 5% of cross sectional area from 2 o'clock to 5 o'clock, within 8 inch	00:06:18	MH 1-MH 3_32b8abdd-64b0-4	M2
	92.9	S03	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Start	00:06:37	MH 1-MH 3_9cb7b28b-bec8-45	

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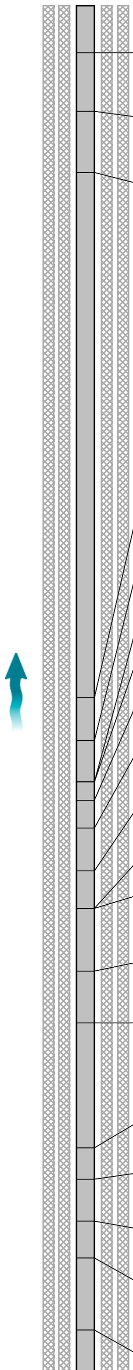
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**MH 1-MH 3**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Upstream**		**362.1 '**	**362.1 '**



1:1005 Distance	Code	Observation	Counter	Photo	Grade
106.3	IDJ	Infiltration Dripper Joint at 1 o'clock, within 8 inch	00:07:13	MH 1-MH 3_546d5373-1023-4	M3
114.5	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:07:37	MH 1-MH 3_5c3599f2-513d-49	M3
123.1	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:08:12	MH 1-MH 3_8e84d39a-47c8-4	M3
197.3	IDJ	Infiltration Dripper Joint from 10 o'clock to 11 o'clock, within 8 inch	00:11:26	MH 1-MH 3_953ec32f-6ff1-4560	M3
203.4	IRJ	Infiltration Runner Joint from 4 o'clock to 6 o'clock, within 8 inch	00:11:51	MH 1-MH 3_499a5535-19cc-4c	M4
209.2	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch	00:12:19	MH 1-MH 3_bd270c4e-67bd-43	M3
209.2	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch	00:12:24	MH 1-MH 3_a2f24f18-151c-43	M2
211.8	IRJ	Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch	00:12:42	MH 1-MH 3_b4231767-31bd-4	M4
215.8	IRJ	Infiltration Runner Joint from 3 o'clock to 6 o'clock, within 8 inch	00:13:19	MH 1-MH 3_71adc0e3-f1b9-4f2	M4
221.7	IRJ	Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch	00:13:46	MH 1-MH 3_5d30775e-2b57-4	M4
227.0	IGJ	Infiltration Gusher Joint from 7 o'clock to 9 o'clock, within 8 inch	00:14:08	MH 1-MH 3_cdf61d0f-4d6f-4fa5	M5
227.0	IDJ	Infiltration Dripper Joint at 12 o'clock, within 8 inch	00:14:14	MH 1-MH 3_2c348cd7-b947-42	M3
235.9	IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch	00:14:36	MH 1-MH 3_244ed590-1c42-4	M3
243.3	IDJ	Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch	00:15:05	MH 1-MH 3_91726473-af81-41	M3
260.8	IGJ	Infiltration Gusher Joint at 4 o'clock, within 8 inch	00:15:59	MH 1-MH 3_0ea52225-a895-4	M5
265.3	IRJ	Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch	00:16:26	MH 1-MH 3_7fc2e05c-e6e5-48	M4
271.2	IDJ	Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch	00:16:51	MH 1-MH 3_82839559-1693-4	M3
276.4	IRJ	Infiltration Runner Joint from 2 o'clock to 6 o'clock, within 8 inch	00:17:10	MH 1-MH 3_135f28aa-edec-48	M4
286.5	IDJ	Infiltration Dripper Joint from 11 o'clock to 12 o'clock, within 8 inch	00:17:48	MH 1-MH 3_0d767011-51cb-4	M3
292.4	IGJ	Infiltration Gusher Joint at 5 o'clock, within 8 inch	00:18:08	MH 1-MH 3_3898a362-c806-4	M5

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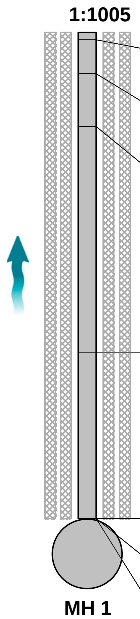
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
8/27/2025	**808245**		**Nate Johnson**	**P0052605-022025**	**MH 1-MH 3**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Upstream**		**362.1 '**	**362.1 '**



Distance		Code	Observation	Counter	Photo	Grade
294.5		IRJ	Infiltration Runner Joint from 2 o'clock to 9 o'clock, within 8 inch	00:18:24	MH 1-MH 3_69a138ff-9477-4c1	M4
299.2		IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch	00:18:42	MH 1-MH 3_bc666c6c-fbba-44d	M3
306.8		IGJ	Infiltration Gusher Joint at 10 o'clock, within 8 inch	00:19:10	MH 1-MH 3_6c8515a6-e883-46	M5
338.6		IDJ	Infiltration Dripper Joint at 11 o'clock, within 8 inch	00:20:33	MH 1-MH 3_38acf06b-84ba-4c	M3
362.1	F01	ISJ	Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Finish	00:22:41		M1
362.1	F03	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Finish	00:22:43		M2
362.1		AMH	Manhole / MH 1	00:22:45	MH 1-MH 3_dfa4bd57-21f6-4d2	

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	564B	564B	0.0	316.0	316.0	0.0	1.9	1.9

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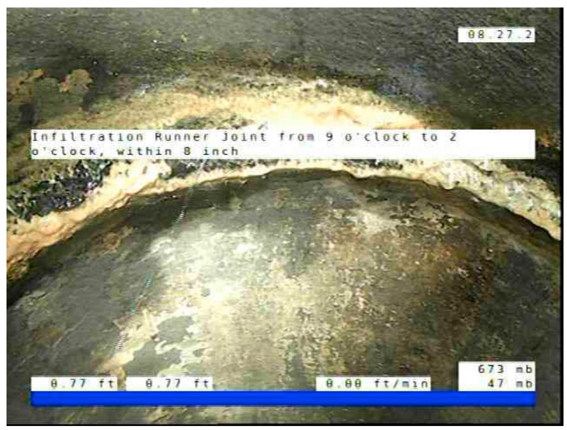
Section Pictures - 8/27/2025 - MH 1-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 1-MH 3**	**4**

MH 1-MH 3_c7052248-e1e1-4177-920f-4a407b8db958_20250827_131921_483.jpg, 00:00:00, 0.00ft
Manhole / MH 3

MH 1-MH 3_c829aa76-e643-48e1-a05f-d2541a1886d6_20250827_131920_085.jpg, 00:00:01, 0.00ft
Water Level, 5% of the vertical dimension

MH 1-MH 3_d99b127e-4fbd-4fbc-8206-540b3b24b906_20250827_131947_212.jpg, 00:00:13, 0.00ft
Infiltration Stain Joint from 12 o'clock to 12 o'clock, within 8 inch, Start



MH 1-MH 3_0a96eac9-32dd-45b8-9077-0417d1de50cb_20250827_132009_191.jpg, 00:00:28, 0.77ft
Infiltration Runner Joint from 9 o'clock to 2 o'clock, within 8 inch

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Section Pictures - 8/27/2025 - MH 1-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 1-MH 3**	**4**

MH 1-MH 3_6a51aa35-6f27-4fc4-a122-ffa72fe7969c_20250827_132107_270.jpg, 00:01:15, 13.30ft
Infiltration Gusher Joint at 2 o'clock, within 8 inch

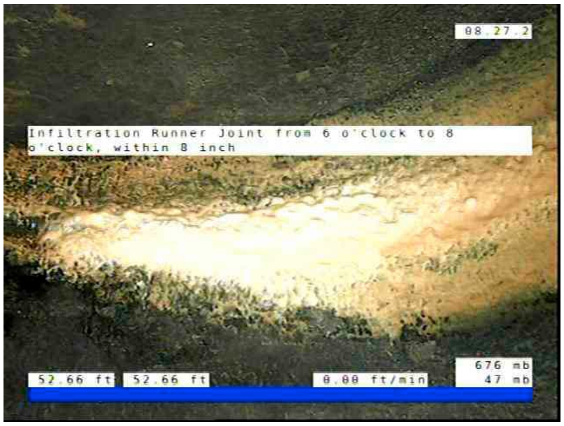
MH 1-MH 3_45fdfbf4-71d9-4719-b8dc-073fe821481a_20250827_132243_688.jpg, 00:01:51, 22.60ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

MH 1-MH 3_dbe9ee09-d762-4c5a-b292-dc6b7139466e_20250827_132405_416.jpg, 00:02:56, 46.01ft
Infiltration Runner Joint from 2 o'clock to 6 o'clock, within 8 inch

MH 1-MH 3_0f359df0-e31e-4a12-b63b-f81ba953e5dc_20250827_132509_329.jpg, 00:03:44, 52.66ft
Infiltration Gusher Joint at 4 o'clock, within 8 inch

Section Pictures - 8/27/2025 - MH 1-MH 3

City	Street	Date	Lateral Segment Reference	Section No.
Glasgow	**2 AEP Way**	**8/27/2025**	**MH 1-MH 3**	**4**



MH 1-MH 3_ccc551c4-2172-431f-8333-5b6cee585bef_20250827_132525_267.jpg, 00:03:53, 52.66ft
Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch

MH 1-MH 3_00603bcc-f85a-4032-b91c-6e63ea2b32b7_20250827_132607_509.jpg, 00:04:23, 59.89ft
Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch, Start

MH 1-MH 3_6cb1d5cd-25ed-423d-9367-076441c1c16d_20250827_132640_913.jpg, 00:04:48, 66.22ft
Infiltration Runner Joint from 6 o'clock to 9 o'clock, within 8 inch

MH 1-MH 3_3e0e2f9f-eeba-4ffe-b169-31af112aa464_20250827_132712_374.jpg, 00:05:12, 74.01ft
Infiltration Runner Joint from 1 o'clock to 6 o'clock, within 8 inch, Finish

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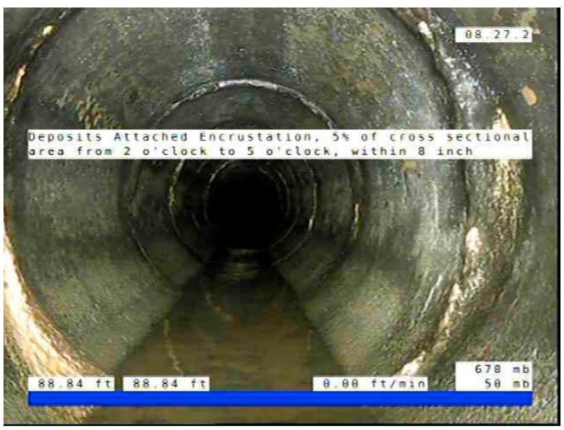
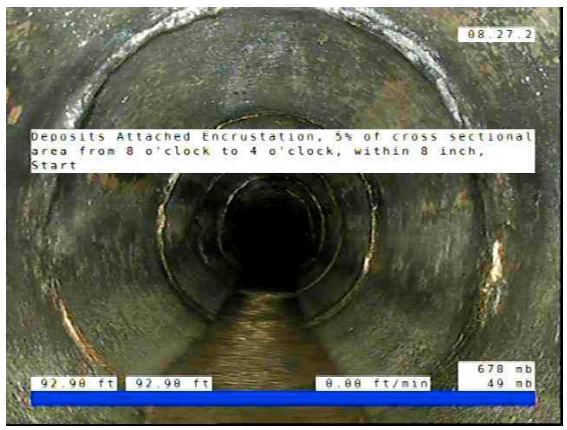
MH 1-MH 3_d5c74fd7-8fe3-4857-bde5-5fb6aaf30dc7_20250827_132738_610.jpg, 00:05:31, 77.50ft
Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch

MH 1-MH 3_4aca6aa3-6a65-4b12-9c1f-a1cc53075c23_20250827_132810_701.jpg, 00:05:51, 77.73ft
Infiltration Dripper Joint at 11 o'clock, within 8 inch



MH 1-MH 3_32b8abdd-64b0-4782-b8e0-dbdfa1a11dc8_20250827_132852_227.jpg, 00:06:18, 88.84ft
Deposits Attached Encrustation, 5% of cross sectional area from 2 o'clock to 5 o'clock, within 8 inch



MH 1-MH 3_9cb7b28b-bec8-45db-b05f-dd1d93527bff_20250827_132924_680.jpg, 00:06:37, 92.90ft
Deposits Attached Encrustation, 5% of cross sectional area from 8 o'clock to 4 o'clock, within 8 inch, Start

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MH 1-MH 3_546d5373-1023-41f5-9bb2-95d4cd0d95f7_20250827_133010_624.jpg, 00:07:13, 106.29ft
Infiltration Dripper Joint at 1 o'clock, within 8 inch

MH 1-MH 3_5c3599f2-513d-4997-9abd-20270c711518_20250827_133043_508.jpg, 00:07:37, 114.54ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

MH 1-MH 3_8e84d39a-47c8-4e57-9495-047898fec6fb_20250827_133128_802.jpg, 00:08:12, 123.15ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch

MH 1-MH 3_953ec32f-6ff1-4560-a64c-4df465fe1ee5_20250827_133452_704.jpg, 00:11:26, 197.28ft
Infiltration Dripper Joint from 10 o'clock to 11 o'clock, within 8 inch

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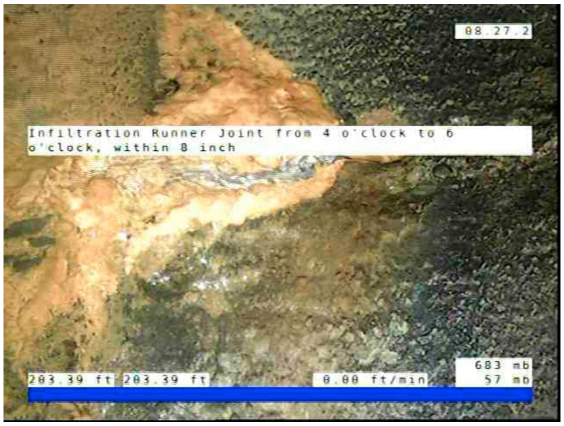
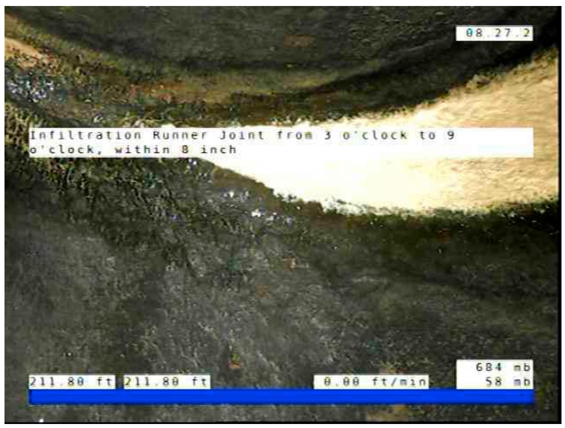


MH 1-MH 3_499a5535-19cc-4c6f-8475-d79148c539bf_20250827_133526_293.jpg, 00:11:51, 203.39ft
Infiltration Runner Joint from 4 o'clock to 6 o'clock, within 8 inch

MH 1-MH 3_bd270c4e-67bd-432d-8af1-ddc563330be6_20250827_133603_446.jpg, 00:12:19, 209.17ft
Infiltration Dripper Joint at 11 o'clock, within 8 inch

MH 1-MH 3_a2f24f18-151c-43c9-8d69-c5b2a9c5de18_20250827_133619_973.jpg, 00:12:24, 209.17ft
Deposits Attached Encrustation, 5% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch



MH 1-MH 3_b4231767-31bd-4881-a616-179200ec5aaf_20250827_133646_400.jpg, 00:12:42, 211.80ft
Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch

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City	Street	Date	Lateral Segment Reference	Section No.
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MH 1-MH 3_4a6ec34c-2250-43e4-a521-bdff83e20a64_20250827_133654_451.jpg, 00:12:42, 211.80ft
Infiltration Runner Joint from 3 o'clock to 9 o'clock, within 8 inch

MH 1-MH 3_71adc0e3-f1b9-4f20-a6dd-bf00dc1c9722_20250827_133734_186.jpg, 00:13:19, 215.75ft
Infiltration Runner Joint from 3 o'clock to 6 o'clock, within 8 inch

MH 1-MH 3_5d30775e-2b57-4cf3-ba98-627a983587f9_20250827_133813_962.jpg, 00:13:46, 221.74ft
Infiltration Runner Joint from 6 o'clock to 10 o'clock, within 8 inch

MH 1-MH 3_cdf61d0f-4d6f-4fa5-9d58-9757f1a89bf0_20250827_133844_524.jpg, 00:14:08, 227.04ft
Infiltration Gusher Joint from 7 o'clock to 9 o'clock, within 8 inch

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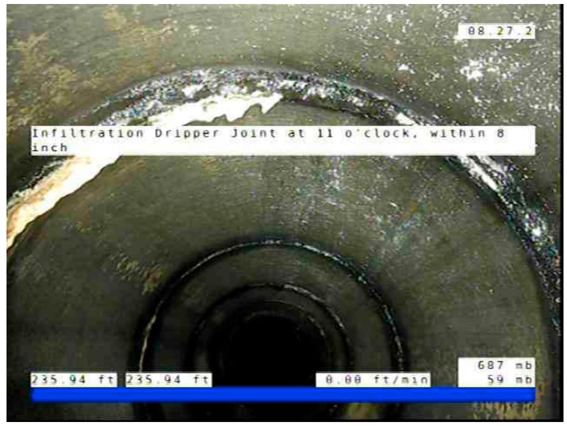
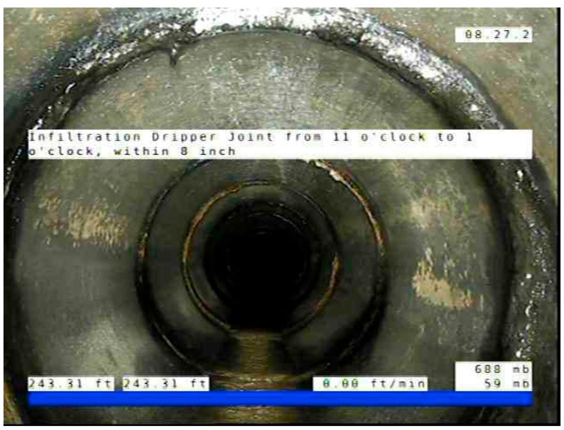
MH 1-MH 3_2c348cd7-b947-42e0-96c7-6a8e83df3027_20250827_133856_043.jpg, 00:14:14, 227.04ft
Infiltration Dripper Joint at 12 o'clock, within 8 inch



MH 1-MH 3_244ed590-1c42-4a36-af6a-2d88bff08655_20250827_133927_898.jpg, 00:14:36, 235.94ft
Infiltration Dripper Joint at 11 o'clock, within 8 inch



MH 1-MH 3_91726473-af81-4101-aacb-938b17f9e5e1_20250827_134006_023.jpg, 00:15:05, 243.31ft
Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch

MH 1-MH 3_0ea52225-a895-4303-976b-4644eeb05dd3_20250827_134110_556.jpg, 00:15:59, 260.81ft
Infiltration Gusher Joint at 4 o'clock, within 8 inch

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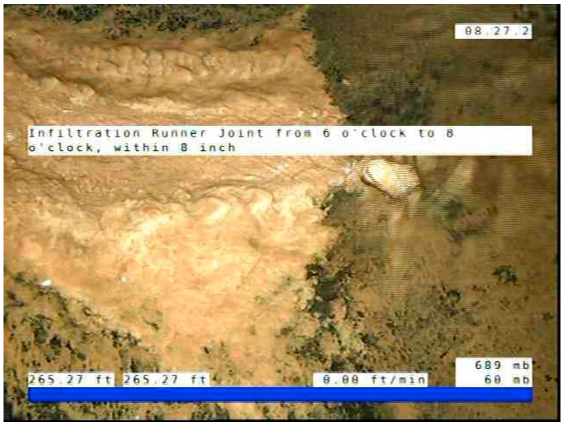

MH 1-MH 3_7fc2e05c-e6e5-48ec-8997-56f19cedcbd5_20250827_134148_703.jpg, 00:16:26, 265.27ft
Infiltration Runner Joint from 6 o'clock to 8 o'clock, within 8 inch

MH 1-MH 3_82839559-1693-4167-9276-6a00e85f68a8_20250827_134223_190.jpg, 00:16:51, 271.16ft
Infiltration Dripper Joint from 11 o'clock to 1 o'clock, within 8 inch

MH 1-MH 3_135f28aa-edec-485b-b77c-890aac14a4da_20250827_134257_773.jpg, 00:17:10, 276.38ft
Infiltration Runner Joint from 2 o'clock to 6 o'clock, within 8 inch

MH 1-MH 3_0d767011-51cb-45bc-b1ef-b77177b5b473_20250827_134345_168.jpg, 00:17:48, 286.52ft
Infiltration Dripper Joint from 11 o'clock to 12 o'clock, within 8 inch

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MH 1-MH 3_3898a362-c806-46b1-9b2e-e2d3cf0b48ee_20250827_134415_660.jpg, 00:18:08, 292.38ft
Infiltration Gusher Joint at 5 o'clock, within 8 inch

MH 1-MH 3_69a138ff-9477-4c1d-aa80-082d9459b4df_20250827_134448_652.jpg, 00:18:24, 294.45ft
Infiltration Runner Joint from 2 o'clock to 9 o'clock, within 8 inch

MH 1-MH 3_bc666c6c-fbba-44da-b251-15cf0245b028_20250827_134515_538.jpg, 00:18:42, 299.25ft
Infiltration Dripper Joint at 11 o'clock, within 8 inch

MH 1-MH 3_6c8515a6-e883-460e-9c79-be71c843ef24_20250827_134604_513.jpg, 00:19:10, 306.75ft
Infiltration Gusher Joint at 10 o'clock, within 8 inch

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MH 1-MH 3_38acf06b-84ba-4c29-b175-c6ab88db8130_20250827_134738_099.jpg, 00:20:33, 338.63ft
Infiltration Dripper Joint at 11 o'clock, within 8 inch

MH 1-MH 3_dfa4bd57-21f6-4d2d-82a3-3685a4cf5f41_20250827_135018_531.jpg, 00:22:45, 362.11ft
Manhole / MH 1

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