



Anthony G. Vitale, President

William A. Armstrong, P.E. – 041736, Vice-President

July 31, 2026

Kevin Halloran,
Program Manager, Clean Water Program
Southwest Regional Office
Pennsylvania Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222-4745

**Re: Semi-Annual Progress Report
Monessen Sewer Rehabilitation Project
2017 Corrective Action Plan
DEP Code No. 65006-21-537
City of Monessen, Westmoreland County**

Dear Mr. Halloran:

On behalf of the City of Monessen, the following is the semi-annual progress report due by July 31, 2026, for the City's 2017 Corrective Action Plan.

Act 537 Plan Update – NO CHANGE - The Department approved the updated plan on July 28, 2021.

Phase 2 – Holding Tank Eliminated – Due to escalating construction costs for the holding tank (\$8 million Dollars) it was eliminated in favor of a lesser cost combination sewer separation project (4-5 million Dollars) on December 11, 2025. The holding tank permit was withdrawn on December 23, 2025. The combination separation project was awarded June 10, 2026 to Kukurin Contracting, Inc. for \$3,464,646.00. Contractors are currently on site and work has begun. The project is scheduled to be completed by August of 2027.

Phase 3 – 3rd Street, 6th Street, 12th Street, Alberts Drive, Chestnut Street, Grand Boulevard, Parente Boulevard, and the former Mill Area

Chapter 102 Permit – NO CHANGE - A Chapter 102 Permit is not required because total disturbance in Phase 3 is less than one acre. The Westmoreland County Conservation District (WCCD) indicated that the Erosion and Sedimentation Control Plan is acceptable for Phase 3C contingent upon receiving the GP-11 Permit.

Chapter 105 GP-11 Permit – NO CHANGE - GP-11 Permit No. LRP-2023-140 for the Phase 3C replacement of the 53"x 41" CMP arch on Grand Boulevard with a 60" TP pipe, CCCP lining of the Parente Boulevard pipe and through the mill area to the Monongahela River was issued on July 21, 2023, by the Army Corps of Engineers. The pipes carry the enclosed UNT-1 to the Monongahela River. Expires June 30, 2026. Activities under contract at that time are authorized provided the activity is completed within 12 months of the expiration date.

Phase 3A – The Notice to Proceed for the Cured-in Place Pipe (CIPP) Sizes 8” to 24”, was issued to Insight Pipe Contracting (Insight) on June 16, 2023. Work began on August 8, 2023, and was substantially completed on July 25, 2024. Approximately 8,685 LF of pipe was lined, broken down as follows:

- 0 LF 8” Pipe
- 3,305.2 LF 10” Pipe
- 1,938.8 LF 12” Pipe
- 1,691.9 LF 15” Pipe
- 29.1 LF 18” Pipe
- 1720.0 LF 24” Pipe
- 472.2 VF manhole lining

The current contractor, Insight, was willing to extend the contract and hold pricing to allow additional work to be added via change orders. Engineering Amendment #6 to the existing phase 3A contract was approved on September 13, 2024. This amendment added approximately an additional 32,352 LF of CIPP lining and 189 manholes to be lined and rehabilitated. Time for substantial completion was extended to March 31, 2026. This additional work is to be broken down into three change orders, to be executed, as engineering is completed. Change order #5 was the first of the change orders, it was approved on March 4, 2025, and work began on March 17, 2025. All work for change order #5 was completed on June 12, 2025. Change order #6 was approved on May 13, 2025, and work was completed in October 2025. Change order #7 was approved September 30, 2025, and was completed, including final restoration on June 15, 2026.

The completed additional lining totaled 24,099.5 LF, broken down as follows:

- 8,035.6 LF 8” Pipe
- 8,785.7 LF 10” Pipe
- 5,437.9 LF 12” Pipe
- 1,505.0 LF 15” Pipe
- 335.3 LF 18” Pipe
- 1,047.97 VF manhole lining

Engineering Amendment #9 was approved by the USDA on September 30. Adding an additional 2626 LF of 8”, 5620 LF 10”, 3549 LF 12”, and 1449 LF 15” CIPP pipe lining in various locations throughout The City. An additional 70 manholes will be rehabilitated and lined in conjunction with the CIPP pipe lining. Open trench spot repairs will be completed on an as-needed basis. Time for substantial completion was extended to July 31, 2026. This additional work is to be broken down into two change orders, to be executed, as engineering is completed. Change order #10 was the first of the change orders, it was approved on March 30, 2026, and work began on March 31, 2026. All work for change order #10 was completed on July 13, 2026. Change order #12 will be submitted for approval July 2026 with work to be completed by September 26, 2026.

The additional lining completed in change order #10 totaled 6,060.50 LF, broken down as follows:

- 1,341.70 LF 8” Pipe
- 2,463.50 LF 10” Pipe
- 1,648.70 LF 12” Pipe
- 606.60 LF 15” Pipe
- 243.92 VF manhole lining

Phase 3B - NO CHANGE - The Notice to Proceed for the Centrifugally Cast Concrete Pipe (CCCP) lining of the 36” to 84” pipes on 3rd Street and 10th Street, was issued to Municipal and Contractor Sealing Products, Inc. (MCSP) on June 16, 2023. Work began on August 21, 2023, and was substantially

completed on May 1, 2024. Eight manholes were replaced, and 5,700 feet of pipe was lined. All physical work was completed in accordance with the contract documents, and the contract has been closed out.

Phase 3C - The Notice to Proceed for the replacement of the 53"x41" CMP arch on Grand Boulevard and the CCCP lining of the 72" and 84" pipe along Parente Boulevard was issued to Municipal and Contractor Sealing Products, Inc. (MCSP) on December 15, 2023. Cleaning and lining of the Parente Boulevard pipes started on January 2, 2024, and was completed June 6, 2024. Approximately 5,312 LF of pipe were lined. Replacement of the CMP arch pipe with 786 LF of 60" thermoplastic pipe started on September 28, 2024, and was completed on November 16, 2024, and operating as intended. Original contract work for Phase 3C was substantially completed by January 28, 2025.

The pre-lining video of the Parente Boulevard brick arch revealed various configurations of the sewer line not anticipated in the contract documents that required negotiating unit prices to be included in future Change Order #3.

Mill Area - It has been determined that two of the five lines that proceed from Donner Avenue and pass under the CSX rail lines and continue through the former mill area to the Monongahela River are unable to be lined. The three lines to be lined are essentially extensions of Parente Boulevard, Third Street, and Fifth Street. Field investigations were unable to locate existing manholes on the First Street Alley and Second Street line, making it impossible to line the 18" and 24" lines because the distance between access points is too great. Without knowing where the lines run it is not feasible to place new manholes to establish a safe maximum distance for lining crews working in a confined space.

CCCP lining work of the Parente Boulevard, Third Street, and Fifth Street lines crossing the CSX railroad and within the mill area, referred to as Phase 3D in the January 2024 progress report, was added to the existing Phase 3C contract and using existing contract unit prices via Change Order #3. Change Order #3 was approved on December 13, 2024, and extended the time for substantial completion to December 31, 2026. The change order added an additional 2,634 LF of CCCP lining broken down as follows:

- 1,144 LF Third Street
- 630 LF Fifth Street
- 860 LF Parente Boulevard

Work for this change order has started as issues with access agreements and insurance have been addressed.

Additional CCCP lining work was added to the Phase 3C contract via Change Order #5. This work includes lining the brick arch pipe running under the Mon Valley Credit Union parking lot and adjacent alley. The change order was approved on December 12, 2025, and adds an additional 530 LF of CCCP lining. Work for this change order was completed at the end of December 2025.

It was discovered during inspection of the Fifth Street brick pipe that the last 75' to the river outfall was completed deteriorated and would need further work to stabilize the pipe. Due to the various limitations the only solution was to repair the pipe internally. The contractor MCSP provided a plan and cost estimate to repair the pipe and outfall. A second price from a comparable contractor was also solicited, but due to insurances and access to the Mill property, it was determined that the original contractor (MCSP) would be chosen for the repair. This change order #6 was approved on February 27, 2026, and work was completed on March 26, 2026.

This completed all work associated with the Phase 3C contract. Project closeout is in progress.

Phase 3D - Two segments currently in the existing Phase 3A contract are unable to be lined. These pipes on Sixth Street and Twelfth Street will be replaced using traditional cut and fill methods. All permits and approvals have been obtained, and Phase 3D was approved for advertising by the USDA on July 9, 2025. The

low bidder was W.A Petrakis Contracting and was awarded on November 11, 2025. Notice to proceed was January 16, 2026, with construction to be done by December, 2026.

Change order #1 was added to this project prior to construction beginning. This change ordered added the replacement of 80 LF of 12" pipe on Reeves Avenue and 585 LF of 12" pipe on Ontario Street. These sections were previously part of Phase 3A but were unable to be rehabbed using CIPP.

Construction of Phase 3D of the Monessen Sewer Rehabilitation Project experienced a delay following a Pennsylvania Natural Diversity Inventory (PNDI) review, which identified the potential presence of several federally listed bat species, including the Indiana bat (*Myotis sodalis*) and the tricolored bat (*Perimyotis subflavus*). Because the original construction schedule would have overlapped with the species' summer roosting period, a preliminary bat habitat/roost assessment was conducted to evaluate the proposed clearing area. The assessment concluded that the project area did not contain suitable roosting habitat for the identified bat species. Based on these findings, the U.S. Fish and Wildlife Service determined that the project could proceed as proposed, allowing Phase 3D to move forward without seasonal clearing restrictions. We are currently awaiting the revised construction schedule from the Contractor.

Erosion and Sedimentation Control Plan

Chapter 102 Westmoreland County Conservation District Approval issued on January 13, 2025.

Highway Occupancy Permits

PennDOT HOP No. 12052363 (Sixth Street) issued on February 26, 2025.

PennDOT HOP No. 12052360 (Twelfth Street) issued on May 27, 2025.

Phase 4 – Complete

Installation of the new manholes and combination sewer is complete and operating as intended. The contractor encountered numerous challenges including poor soil conditions, collapsing trenches requiring wider ditches for stability, mismarked utilities, a broken water line, and a segment of solid rock that slowed the progress of the project. Final cleanup was completed in December 2023. The project completion was extended due to lengthy delays in receiving material and unexpected soil and utility issues.

Change Order No. 1 for final quantities adjustment and time extension was approved. All remaining punch list items for project closeout have been completed, and final payment was approved on April 3, 2025. A final DEP walk through was completed on December 4, 2025.

Water Quality Management Permit - Permit No. 6521404, required for Phase 4 issued December 1, 2021.

Chapter 102 NPDES - Permit No. PAC650282, required for Phase 4 effective August 9, 2021, to December 7, 2024.

Highway Occupancy Permit – PennDOT HOP No. 256532 - Work requiring the HOP on SR 906 was completed and the HOP was closed.

Phase 5 - NO CHANGE - The remaining smaller pipes with NASSCO Level 3, 4 and 5 defects are combined into Phase 5. The scope of the project includes the rehabilitation of approximately 73,000 feet of sewer line and about 410 manholes. The preliminary estimate of probable cost is approximately 12 million dollars (in 2020 dollars). Depending on funding availability, the phase may be subdivided into multiple phases in the future.

Implementation Schedule - The January 2026 Implementation Schedule for the CAP is included in this progress report.

The next semi-annual progress report will be submitted prior to January 31, 2027.

Sincerely,

W.E.C. INC.



William A. Armstrong, P.E.
Project Engineer

Attachment: January 2026 Implementation Schedule

cc: Ron Mozer/Mayor
John Nestor/Councilman
Tony Orzechowski/Councilman
Mike Korposh/City Administrator

Rev. William Bass/Councilman
Karen Cosner/Councilwoman
Joseph R. Dalfonso, Esq./Solicitor
Anthony G. Vitale/WEC