

TOWNSHIP OF LOWER MACUNGIE
Lehigh County, Pennsylvania

RESOLUTION NO. 2023-58
(Duly Adopted December 7, 2023)

**RESOLUTION AUTHORIZING A SEWAGE
TRANSPORTATION AGREEMENT WITH UPPER MACUNGIE
TOWNSHIP AND THE LEHIGH COUNTY AUTHORITY TO
REPLACE THE WESTERN LEHIGH INTERCEPTOR FROM
THE UPPER MACUNGIE TOWNSHIP PHASE 3 TRUNKLINE
TO THE SPRING CREEK PUMP STATION**

WHEREAS, the Lehigh County Authority (“LCA”) was formed by the Commissioners of Lehigh County, in part, to provide water and sewer service in the Lehigh Valley; and

WHEREAS, in furtherance of such purposes, LCA constructed and operates the Western Lehigh Interceptor (“WLI”), which serves the sewage conveyance needs of a group of municipalities sometimes referred to as the Western Lehigh Sewer Partnership Municipalities (“WLSP Municipalities”), consisting of the Townships of Upper Macungie (“UMT”), Lower Macungie (“LMT”), Upper Milford, Lowhill and Weisenberg, and the Boroughs of Alburtis and Macungie, pursuant to various agreements; and

WHEREAS, all operating, maintenance and capital costs associated with operating the WLI are shared among the WLSP Municipalities in accordance with the WLSP Agreement; and

WHEREAS, UMT owns and operates a certain sewage collection and conveyance system, commonly known as UMT’s Phase 3 Trunkline (hereafter, “UMT Trunkline”) that discharges to the WLI; and

WHEREAS, the WLI conveys sewage to the Kline’s Island Waste Water Treatment Plant for treatment; and

WHEREAS, UMT and LMT entered into an Agreement, dated December 21, 1988, whereby LMT authorized UMT to build a portion of the UMT Trunkline through LMT, and

provided limited interconnection rights between the LMT sewer system and the UMT sewer system, including without limitation at the UMT Trunkline; and

WHEREAS, the WLI experiences both dry day and wet day surcharging issues in UMT's Trexlertown area (hereafter, "Trexlertown Bottleneck"); and

WHEREAS, the LCA and other local municipal and municipal authorities served by the Kline's Island Waste Water Treatment Plant (the "KISS Municipalities"), submitted an Interim Act 537 Plan to the Pennsylvania Department of Environmental Protection (hereafter referred to as "PaDEP") on September 4, 2020, identifying the Trexlertown Bottleneck as a problem to be addressed, among others, which Plan PaDEP approved on June 25, 2021; and

WHEREAS, the KISS Municipalities are required to submit a Final Act 537 Plan to PaDEP by 2025 identifying, inter alia, a final solution to the Trexlertown Bottleneck problem (the "Trexlertown Bottleneck Final Solution"); and

WHEREAS, the LCA, through consultants, has developed an interim plan (the "WLI Interim Relief Plan") to mitigate the Trexlertown Bottleneck problem until the Trexlertown Bottleneck Final Solution is implemented in accordance with the Final Act 537 Plan and its implementation schedule; and

WHEREAS, LCA, UMT and LMT desire to implement the WLI Interim Relief Plan, subject to the terms and conditions contained in the agreement titled "Sewage Transportation Agreement (Western Lehigh Interceptor from Upper Macungie Phase 3 Trunkline to Spring Creek Pump Station)" ("Sewage Transportation Agreement"), which is attached hereto as Exhibit "A" and incorporated by reference as if set forth in full; and

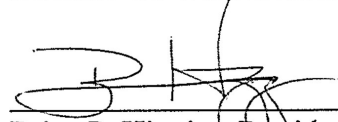
WHEREAS, the Lower Macungie Township Board of Commissioners wishes to enter into the Sewage Transportation Agreement for the safe conveyance of sewage to the LCA treatment plant and for the benefit and enjoyment of the Township residents; and

NOW, THEREFORE, BE IT ADOPTED AND RESOLVED by the Board of Commissioners of the Township of Lower Macungie, Lehigh County, Pennsylvania, as follows:

1. The Recitals set forth above are incorporated herein by reference as if set forth in full.
2. The Township Manager is hereby authorized to sign the Sewage Transportation Agreement on behalf of the Township.
3. The Township Solicitor and the Township Manager are authorized and directed to take all such action as may be necessary and appropriate to implement the actions authorized in this Resolution.
4. This Resolution shall become effective immediately upon adoption.

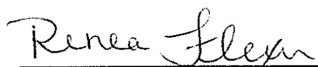
DULY ADOPTED this 7th day of December 2023, by the Board of Commissioners of Lower Macungie Township, in lawful session duly assembled.

LOWER MACUNGIE TOWNSHIP
BOARD OF COMMISSIONERS



Brian P. Higgins, President

Attest:



Renea Flexer, Secretary



SEWAGE TRANSPORTATION AGREEMENT

**(Western Lehigh Interceptor to Upper Macungie Phase 3 Trunkline
to Spring Creek Pump Station)**

THIS AGREEMENT, made as of the 16th day of December 2023,
by and between UPPER MACUNGIE TOWNSHIP, a Pennsylvania township
with offices at 8330 Schantz Road, Breinigsville, Pennsylvania,
(hereinafter referred to as "UMT"), party of the first part,

AND

LOWER MACUNGIE TOWNSHIP, a Pennsylvania township with
offices at 3400 Brookside Road, Macungie, Pennsylvania,
(hereinafter referred to as "LMT"), party of the second part,

AND

LEHIGH COUNTY AUTHORITY, a Pennsylvania municipal authority
with offices at 1053 Spruce Road, Wescosville, Pennsylvania
(hereinafter referred to as the "Authority"), party of the third
part.

WITNESSETH:

WHEREAS, the Authority was formed by the Commissioners of
Lehigh County, in part, to provide water and sewer service in
the Lehigh Valley; and

WHEREAS, in furtherance of such purposes, the Authority has
constructed and operates the Western Lehigh Interceptor ("WLI"),

which serves the sewage conveyance needs of a group of municipalities sometimes referred to as the Western Lehigh Sewer Partnership municipalities ("WLSP Municipalities"), consisting of the Townships of Upper Macungie, Lower Macungie, Upper Milford, Lowhill and Weisenberg, and the Boroughs of Alburtis and Macungie, pursuant to various agreements, including, without limitation, initial agreements dated January 22, 1970, and August 1, 1970 and agreements concerning additional wastewater treatment capacity acquisitions dated April 1, 1983 with amendments through 2006, and August 4, 1987, with amendments through 2007, (collectively, the "WLSP Agreement"); and

WHEREAS, all operating, maintenance and capital costs associated with operating the WLI, including costs described in this Agreement, are shared among the WLSP Municipalities in accordance with the WLSP Agreement; and

WHEREAS, UMT owns and operates a certain sewage collection and conveyance system, commonly known as UMT's Phase 3 Trunkline (hereafter, "UMT Trunkline") that discharges to the WLI; and

WHEREAS, the WLI conveys sewage to the Kline's Island Waste Water Treatment Plant for treatment; and

WHEREAS, UMT and LMT (sometimes hereafter referred to, individually and collectively, as the "Townships") have entered

into an Agreement, dated December 21, 1988, and Addenda thereto (along with Upper Macungie Township Authority and Lower Macungie Township Authority, both of which have since been dissolved), whereby LMT authorized UMT to build a portion of the UMT Trunkline through LMT, and provided limited interconnection rights between the LMT sewer system and UMT sewer system, including without limitation at the UMT Trunkline; and

WHEREAS, LMT expects additional sewage flow and connections in its Sewer Basin District IA, which is the LMT geographical area interconnected with the UMT Trunkline, as shown on the District IA map attached hereto as Exhibit A and incorporated by reference as if set forth in full; and

WHEREAS, the anticipated additional sewage flow from Sewer Basin District IA is approximately 184,000 gallons per day; and

WHEREAS, the WLI experiences both dry day and wet day surcharging issues in LMT's Trexlertown area (hereafter, "Trexlertown Bottleneck"); and

WHEREAS, the Authority and other local municipal and municipal authorities served by the Kline's Island Waste Water Treatment Plant (the "KISS Municipalities"), submitted an Interim Act 537 Plan to the Pennsylvania Department of Environmental Protection (hereafter referred to as "DEP") on September 4, 2020, identifying the Trexlertown Bottleneck as a

problem to be addressed, among others, which Plan DEP approved on June 25, 2021; and

WHEREAS, the KISS Municipalities are required to submit a Final Act 537 Plan to DEP by 2025 identifying, inter alia, a long-term solution to the Trexlertown Bottleneck problem (the "Trexlertown Bottleneck Long-term solution"; and

WHEREAS, the Authority, through consultants, has developed an interim plan (the "WLI Interim Relief Plan") to mitigate the Trexlertown Bottleneck problem until the Trexlertown Bottleneck Long-term solution is implemented in accordance with the Final Act 537 Plan and its implementation schedule; and

WHEREAS, the WLI Interim Relief Plan will (i) divert a portion of the WLI sewage flow upstream of the Trexlertown Bottleneck (and downstream of the Authority's industrial pretreatment plant ("PTP") in UMT) to a pump station, having a design capacity of 2,500,000 gpd, which will be constructed on an easement adjacent to the PTP, (ii) convey the diverted flow an approximate one mile and a half through a force main to be constructed by the Authority (hereafter, "Upper Western Lehigh Interceptor Pump Station and Force Main", abbreviated as, "WLI PS and FM"), and (iii) connect the Authority's Force Main to the UMT Trunkline at the approximate location of manhole number PH3-035, which will transport the sewage to the Authority's existing

Spring Creek Pump Station ("SCPS") wet well at Authority manhole L255-A; and

WHEREAS, a drawing of the expected route of the WLI PS and FM, subject to final adjustment as deemed necessary or convenient by the Authority, is attached hereto as Exhibit "B" and incorporated by reference as if set forth in full; and

WHEREAS, sewage sent to the SCPS wet well will be pumped to the Authority's existing SCPS Force Main, or will flow via an outlet gate to an existing extension of the WLI's gravity line, in accordance with the Authority's operating procedures, thereby mitigating any impact the WLI Interim Relief Plan would have on downstream portions of the Authority's system; and

WHEREAS, UMT has evaluated and concluded that sufficient capacity exists in the UMT Interceptor to transport additional sewage flows from the WLI PS and FM as defined in this Agreement; and

WHEREAS, the Parties desire to implement the WLI Interim Relief Plan, subject to the terms and conditions contained in this Agreement.

NOW THEREFORE, in consideration of foregoing premises, and the promises, covenants, terms and conditions herein, as well as for diverse other considerations affecting the public welfare

which they seek to advance, the parties agree as follows, intending to be legally bound:

1. Incorporation of Recitals. The above recitals shall form a part of this Agreement as fully as though the same were set forth at length.

2. Available Capacity. UMT represents that excess capacity in the UMT Interceptor for the foreseeable future will be at least 2,500,000 gallon per day (at a maximum sustained peak of 1,736 gallons per minute) during dry-weather flow conditions, as defined by sewage flows in the UMT Interceptor on a typical day without precipitation and with minimal baseline infiltration.

3. Sewage Transportation. UMT and LMT are hereby granted the right to use the UMT Trunkline to fulfill their respective sanitary sewer demand. UMT hereby grants the Authority the right to use the UMT Trunkline for the transportation of sewage flows in accordance with Section 2 of this Agreement between the Authority's WLI and the Authority's SCPS, and such additional flow to the extent capacity is available in the UMT Trunkline, after subtracting the gallons per day sewage demand used by UMT and LMT. Additional flow and available capacity shall be determined by the ability to obtain accurate meter data from UMT metering manholes MM-3 and MM-7 (below the meter/flume maximum head/flow rate constraints) at

all times. The Authority shall install 2 level sensors within the UMT Trunkline, at manholes MM-3 and MM-7 , for purpose of continuously monitoring the flow levels within the UMT Trunkline. This flow level data shall be monitored by telemetry and shall have the ability to automatically adjust the output of the WLI PS. This level sensor data shall also be available to both UMT and LMT via a web-based data acquisition and retrieval system which allows for continuous real-time monitoring of flow levels. In the event the flow levels are at or approaching the agreed-upon maximum operational constraints in the UMT metering manholes, the output of the WLI PS shall be adjusted accordingly to prevent the exceedance of the defined maximum constraints.

4. Authority Sewage Transportation Fee. The Authority agrees to pay UMT a sewage transportation fee (rental fee) in the annual amount of Ten Thousand (\$10,000.00) Dollars, beginning on January 1st, following the date of connection of the Authority force main to the UMT Trunkline. UMT will invoice the Authority quarterly, in equal installments. The annual rental fee will be escalated by 2.5% each year while the connection is in use. The aforesaid transportation fee shall be in lieu of any and all capacity, collection and conveyance, operation and maintenance, and other charges; provided, however, UMT shall be entitled to reimbursement of certain costs in accordance with Section 11 of this Agreement.

5. Authority Pump Station, Force Main and Connection to UMT Trunkline.

(a) UMT agrees that the Authority may connect a force main between (1) a 2.5 million gallon per day pump station to be constructed on an easement adjacent to the Authority's PTP Property and (2) UMT's Trunkline at approximately the location of Manhole PH3-035. The pump station shall have a design capacity of 2,500,000 gallons of sewage per day. The pumping rate may be variable, however the maximum sustained peak shall be 1,736 gallons per minute, subject to other restrictions in this Agreement. The Authority shall pay the cost of the pump station, force main and the connection.

(b) Upon termination of the Agreement, the Authority may, at its option, leave all of its WLI PS and FM infrastructure in place, but shall take the necessary steps to prevent WLI flow from entering the UMT Trunkline. Prior to periods of extended non-use, the Authority shall adequately flush the WLI FM to prevent issues with odor or hydrogen sulfide corrosion within the UMT Trunkline.

6. Connection Design and Construction Standards. The Authority shall prepare the design and construction specifications for the connection of the Authority's force main to the UMT Trunkline. All such design and construction specifications shall be subject to the approval of UMT, prior to

the Authority making physical connection between its Force Main and the UMT Trunkline. Upon completion of construction, the Authority shall provide UMT and LMT with as-built drawings of the connection. The Authority shall not transport sewage flow through the connection prior to UMT's inspection and approval of the connection.

7. Authority Operation and Maintenance of WLI Pump Station and Force Main.

(a) The Authority agrees to maintain the WLI PS and FM in good repair and operation condition and to make all repairs, renewals, replacements and improvements thereto as required to maintain adequate transportation of the diverted WLI flow, which includes the Authority repairing and/or eliminating, any infiltration/inflow entering UMT's Trunkline from the WLI PS and FM that exceeds engineering standards for allowable infiltration/inflow.

(b) The Authority shall be responsible to UMT and LMT for, and shall repair or pay for the repair of, any damages or disturbances to the UMT Trunkline resulting from or arising out of the Authority's making connection thereto, or resulting from the operation of the WLI PS and FM.

(c) The Authority agrees that if, during the operation of the WLI PS and FM, there arises an issue of the expulsion of noticeable foul odors at the air relief manhole

located on the premises of Grange Road Park, so as to negatively impact the enjoyment of the park by the general public, then the air release valve will be subsequently maintained in a "normally-closed" position, and shall be operated only manually thereafter by Authority personnel during off-peak (non-use) hours of the park's amenities, in order to bleed off any accumulated air at this high point in the system.

8. UMT Operation of the UMT Trunkline.

(a) UMT agrees to maintain the UMT Trunkline in good repair and operating condition, and to make all repairs, renewals, replacements and improvements as required to maintain adequate transportation of the diverted WLI flow to the Authority's SCPS.

(b) During the term of this Agreement, sewage flows or connections from the Sewer Basin District IA of LMT, as shown on Exhibit A, into the UMT Trunkline shall be permitted to the extent provided for in the approved LMT Act 537 Plan and/or as approved by UMT. UMT shall in its sole discretion determine additional connections or sewage flow to the UMT Interceptor over existing connections and flow.

(c) LMT and UMT will work together on the design of the UMT Trunkline to eliminate the current restrictions between UMT manholes PH3-007F and PH3-007B and create additional capacity. LMT will contribute up to \$160,000.00 to UMT for the

construction of this section of the UMT Trunkline.

Notwithstanding the foregoing, LMT and UMT work on the design and construction of the UMT Trunkline, including expected monetary and non-monetary contributions, and any performance or non-performance of those requirements, shall not alter LCA's sewage transportation rights under this Agreement.

9. Authority Access Rights to the UMT Trunkline.

(a) The Authority shall have the right, but not the obligation, to access, inspect, maintain, repair and/or make replacements to the UMT Trunkline (collectively referred to as "Remedial Action") in order to ensure that the UMT Trunkline can effectively and safely transport the Authority's diverted WLI flow to its SCPS. UMT shall cooperate with the Authority in its undertaking of Remedial Actions.

(b) UMT agrees to provide the Authority access to all of UMT's past, present and future records concerning the UMT Trunkline, including without limitation, record plans, operation and maintenance reports and inspection reports, including videotape of the UMT Trunkline.

10. Term of Transportation Agreement.

(a) The term of this Agreement shall be from the date of this Agreement to December 31, 2040.

(b) All parties agree, that within a three (3) to five (5) year period prior to the expiration date, to evaluate the

conditions of sanitary sewer service in the Western Lehigh Interceptor service area, the condition and status of the Trexlertown Bottle-Neck Long-term solution, and the decisions made to comply with the solutions proposed in the long-term Act 537 plan.

(c) All parties in this agreement agree to enter good faith negotiations to create a new agreement based upon the conditions and projects at the time of this agreement's expiration based upon the conclusions agreed upon in the discussions outlined in paragraph (b) of this section.

11. Reimbursement of UMT Costs. The Authority shall reimburse UMT for all salary expenses, engineering and legal fees related to the approval of design, construction and inspection of facilities at the point of connection to the UMT System, and capacity determination approval. UMT shall provide estimates of the cost of such services to the Authority before commencing any work.

12. Indemnification. Each Party to the Agreement (each an "Indemnitor") hereby agrees to indemnify and hold each other party (an "Indemnitee") harmless from any and all liability (including without limitation reasonable attorney fees and litigation expense) arising out of the Indemnitor's performance and obligations under the terms of this Agreement. The Indemnitor shall not, however, be liable for any portion of a

judgment or associated litigation expenses, including attorney's fees, ultimately determined to be the result of the negligence or willful misconduct of the Indemnitee, or any of its employees, agents and officials.

13. Governmental Approvals. The Authority shall be responsible for paying the cost of all the necessary governmental approvals for the Project, including without limitation a Part II Water Quality Permit for the connection infrastructure, Act 537 planning approvals for Upper Macungie Township and Lower Macungie Township, and any applicable erosion and sedimentation, stream encroachment and stormwater management approvals. The Townships agree to cooperate in obtaining the necessary governmental approvals. The implementation of the Agreement shall be conditioned upon the obtaining of all such approvals.

14. UMT Easements and Right of Ways. UMT agrees to grant and convey to the Authority all easements over UMT property, and access to all UMT right of ways, the Authority determines necessary or convenient for the installation of the WLI PS and FM, and future maintenance, repairs and replacements of the WLI PS and FM.

15. Third-Party Easements and Right of Ways. The Townships acknowledge that the Authority will need to acquire easements or right of ways over third-party property owners or

currently existing holders of rights of way, in order to install the WLI PS and FM, and in the future maintain, repair and make replacements to the WLI PS and FM. The Townships agree to cooperate in obtaining the necessary approvals from third-party property owners and holders of rights of way. The implementation of the Agreement shall be conditioned upon the obtaining of all such approvals.

16. Authority Flow Monitoring and Data.

(a) The Authority shall install a sewage meter or other monitoring device in order to ascertain the instantaneous rate of flow from the WLI PS and FM to the UMT Trunkline.

(b) The flow data collected at the WLI PS and FM or other flow monitoring devices installed by the Authority on the UMT Trunkline shall be made available to the Townships via a web-based data acquisition and retrieval system which allows for continuous real-time monitoring of the flow rates from the WLI PS and FM to the UMT Trunkline.

17. Authority Charges to WLSP Municipalities. The Townships acknowledge that the Authority may, and intends to, charge the transportation fee cost, planning, design and construction costs for the WLI PS and FM, UMT reimbursement costs, Remedial Action costs, and all other costs associated with the WLI Relief Plan to the WLSP Municipalities, including the Townships, in accordance with currently existing Agreements.

18. Townships' Representation of Warranties. The Townships represent and warrant:

(a) That UMT is the sole owner of the UMT Trunkline, subject to any applicable rights of LMT, and that no other person has any right, title or interest in the UMT Trunkline, and that there are no liens, or encumbrances on the UMT Trunkline, or other restrictions on its use; and

(b) That the execution and delivery of this Agreement, and its performance, will not result in any breach of any other agreement or covenant, and does not require the approval of any third party; and

(c) That this Agreement has been duly authorized in accordance with its municipal code, and other applicable Pennsylvania law.

19. LMT Consent and Maintenance of Sewer Basin District IA Sewer System.

(a) To the extent required, LMT consents to the Authority's transportation of sewage flow through the UMT Trunkline.

(b) LMT agrees to maintain its Sewer Basin District IA sewer system in good repair and operational condition and to make all repairs, renewals, replacements and improvements required to maintain adequate transportation of the diverted WLI flow to the Authority's SCPS.

(c) The Authority shall have the right, but not the obligation, to access, inspect, maintain, repair and/or make replacements to the Sewer Basin District IA sewer system (collectively referred to as "Remedial Action") in order to ensure that the UMT Trunkline can effectively and safely transport the Authority's diverted WLI flow to its SCPS. All costs and expenses associated with the Remedial Action shall be borne by the Authority. LMT shall cooperate with the Authority in its undertaking of Remedial Actions. The Authority agrees to provide LMT access to all of the Authority's Remedial Action, including without limitation, record plans, operation and maintenance reports and inspection reports, including videotape of the Sewer Basin District IA Remedial Action.

(d) LMT agrees to provide the Authority access to all of LMT's past, present and future records concerning the Sewer Basin District IA sewer system, including without limitation, record plans, operation and maintenance reports and, inspection reports, including videotape of the Sewer Basin District IA sewer system.

(e) LMT acknowledges and agrees that its consent to the Authority's transportation of its sewage under this Agreement, LMT's non-interference with the capacity made available to the Authority, and LMT maintenance of its Sewer Basin District IA sewer system, are material to the Authority's

decision to enter into this Agreement and undertake the WLI Relief Plan.

20. This Agreement shall inure to the benefit of and shall be binding upon the parties hereto and their respective successors and assigns.

21. This Agreement may be amended at any time by mutual agreement, in writing, executed by all parties hereto.

22. If any provisions of this Agreement are held to be invalid or unenforceable, such invalidity will not affect any other provision hereof, and the remaining provisions hereof shall be construed and enforced as if such invalid provisions had not been contained herein.

23. This Agreement may be executed by electronic signature or electronic transmission which shall be regarded for all purposes as an original.

24. This Agreement will be governed by and constructed under the laws of the Commonwealth of Pennsylvania. Any action or proceeding seeking to enforce any provision of, or based on any right arising out of this Agreement may be brought against any of the parties in the Court of Common Pleas of the County of Lehigh, and each party consents to the jurisdiction of such court (and of the appropriate appellate courts) in any such action or proceeding and waives any objection to venue made therein.

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IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be duly executed and attested by its proper officers, pursuant to proper action of its governing body, all as of the day of year first above written.

ATTEST:

LEHIGH COUNTY AUTHORITY

Yvonne J. Miller

By:

Liesel M. Gross

Liesel M. Gross
Chief Executive Officer

ATTEST:

UPPER MACUNGIE TOWNSHIP

Jazmin Vazquez
Name (Printed) Jazmin Vazquez
Title: Township Secretary

By:

Robert Lemch, Jr.
Name (Printed) ROBERT LEMCH, JR.
Title: TOWNSHIP MANAGER

ATTEST:

LOWER MACUNGIE TOWNSHIP

Donna M. Conklin
Name (Printed) DONNA M. CONKLIN
Title: ASSISTANT FINANCE DIRECTOR

By:

Bruce R. Reitel
Name (Printed) Bruce R. Reitel
Title: Township Manager

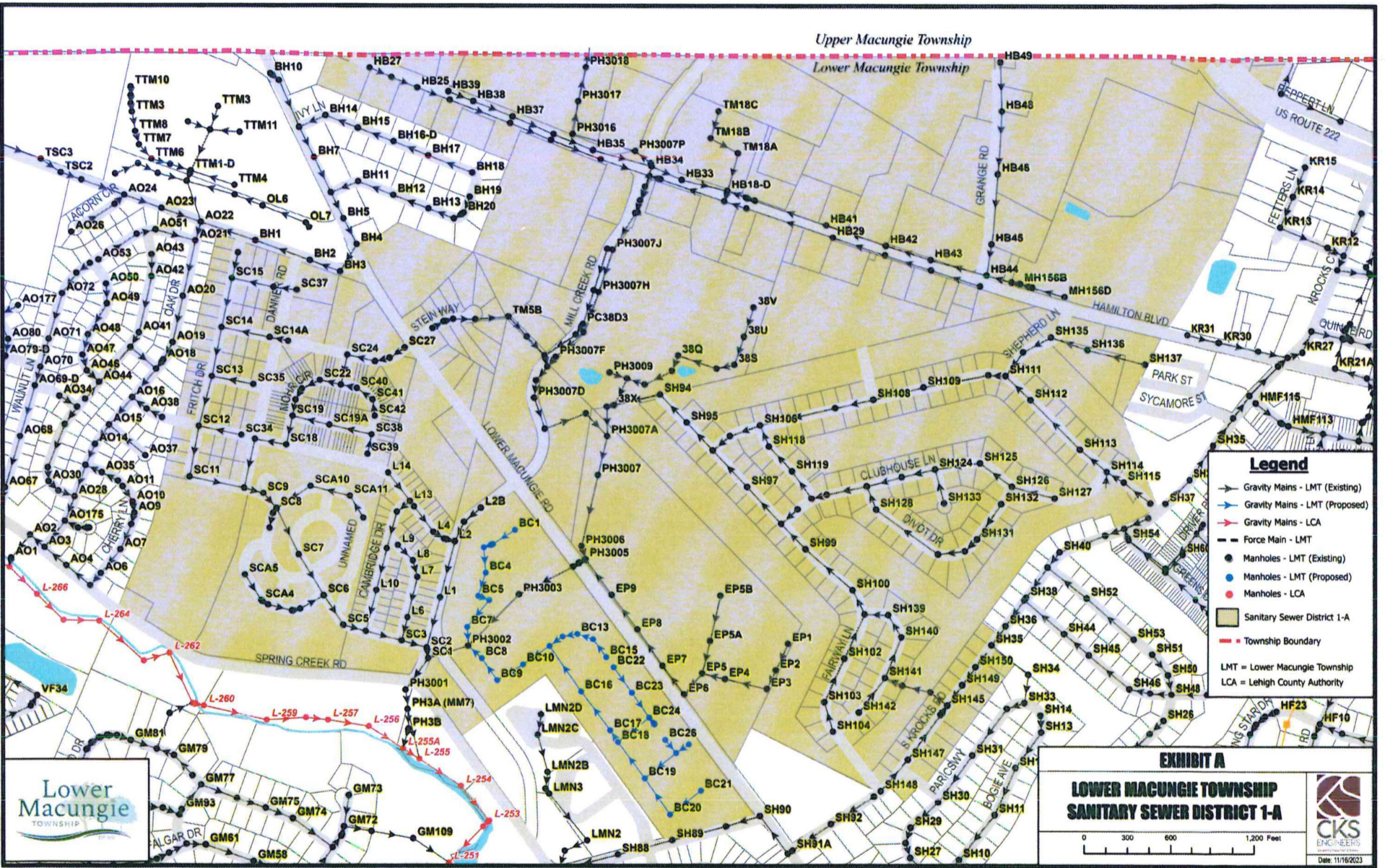


EXHIBIT A

LOWER MACUNGIE TOWNSHIP
SANITARY SEWER DISTRICT 1-A

0 300 600 1,200 Feet

CKS ENGINEERS
Date: 11/16/2023

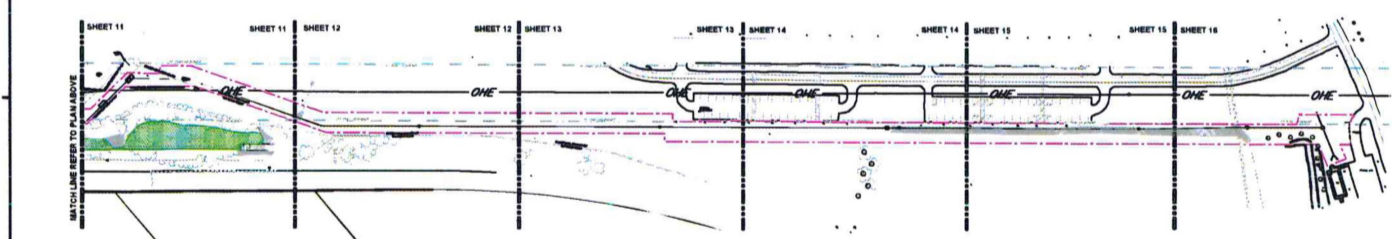
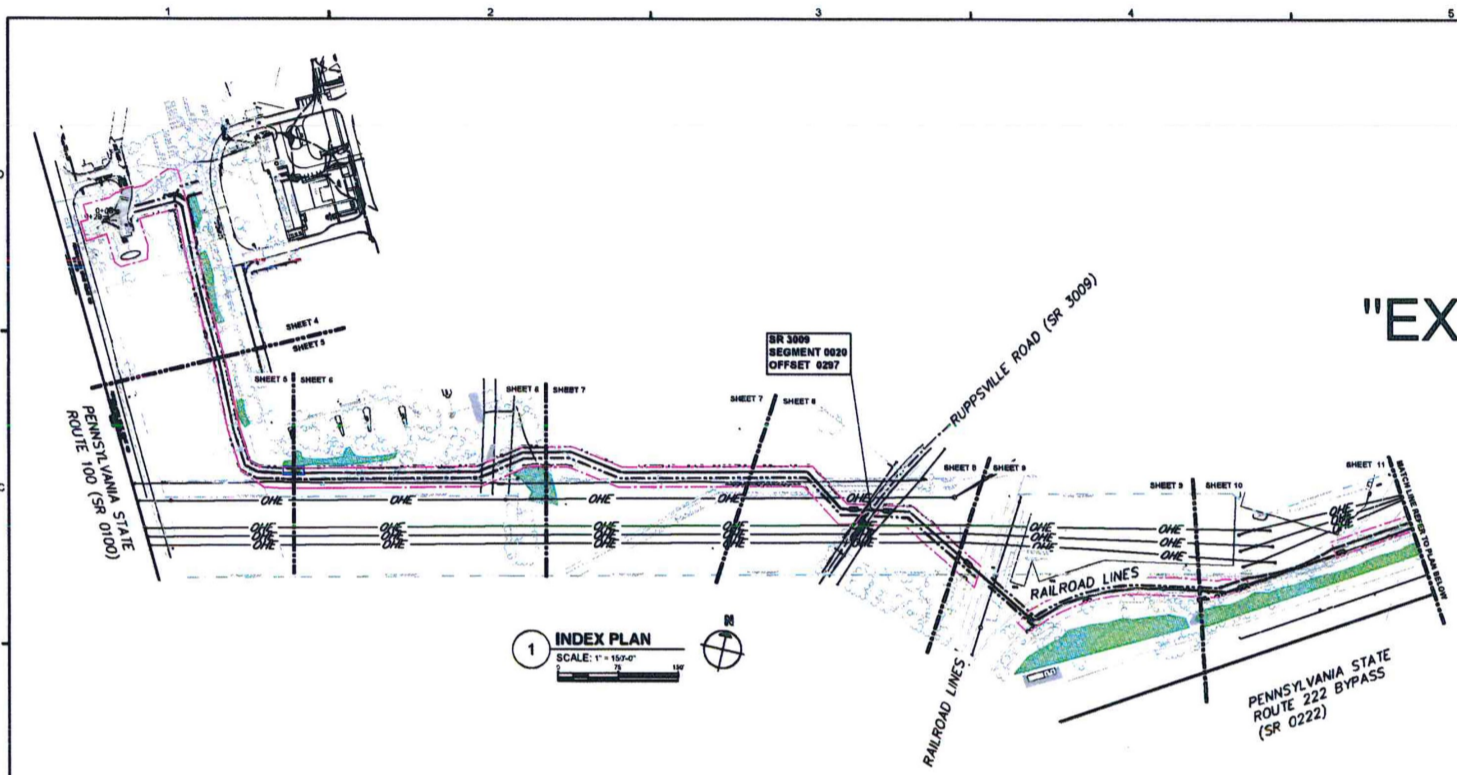
- Legend**
- Gravity Mains - LMT (Existing)
 - Gravity Mains - LMT (Proposed)
 - Gravity Mains - LCA
 - Force Main - LMT
 - Manholes - LMT (Existing)
 - Manholes - LMT (Proposed)
 - Manholes - LCA
 - Sanitary Sewer District 1-A
 - Township Boundary
- LMT = Lower Macungie Township
LCA = Lehigh County Authority

DISTRICT	COUNTY	ROUTE	SEGMENT	SHEET
5-0	LEHIGH	0100		3 OF 38
MUNICIPAL AUTHORITY OF THE TOWNSHIP OF UPPER MACUNGIE				
DATE	REV. NO.	REVISIONS	APPD	
10/16/2023	0	BIDDING	DJH	

GENERAL SHEET NOTES

- REFER TO SHEET 1 FOR DRAWING INDEX, GENERAL PROJECT NOTES & REFERENCE LEGEND.
- REFER TO SHEET 2 FOR DRAWING LEGEND.

"EXHIBIT B"



LEHIGH COUNTY AUTHORITY
UPPER WESTERN LEHIGH
FORCE MAIN PROJECT

ENTECH ENGINEERING 1.800.825.1372
www.entecheng.com

SCALE: AS NOTED	DATE: 10/16/2023	PROJECT NO. 4632.008
DRAWN BY: CAD	CHKD BY: MJQ	APPROVED BY: DJH

REG. PROFESSIONAL ENGINEER
DATE: 10/16/2023

INDEX PLANS