
Devin Ryan

dryan@postschell.com
717-612-6052 Direct
717-731-1981 Direct Fax
File #: 180048

June 29, 2020

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

**Re: In the Matter of the Application of The York Water Company, Under Sections 507, 1102(a)(1) and 1102(a)(3) of the Public Utility Code, for approval of the right of The York Water Company to (1) enter into a municipal contract to acquire certain public wastewater facilities from Letterkenny Township Municipal Authority; and (2) begin to offer or furnish wastewater service to the public in a portion of Letterkenny Township, Franklin County, Pennsylvania
Docket No. A-2020-3019424**

Dear Secretary Chiavetta:

Attached for filing on behalf of The York Water Company are the Responses to the Data Requests of the Bureau of Technical Utility Services, Set II, in the above-referenced proceeding.

Respectfully submitted,


Devin Ryan

DR/kl
Attachments

cc: Clinton McKinley (w/enc., via E-mail cmckinley@pa.gov)

Bureau of Technical Utility Services Water/Wastewater Division
Data Request Set 2

Application of The York Water Company - Wastewater to Acquire the Letterkenny Township
Municipal Authority Wastewater System at Docket No. A-2020-3019424

DISCOVERY A-22

In response to Data Request A-15, York-WW indicated that a DEP sewage facilities planning module was approved in 1999 for the property identified as UPI Number 12-0F05-006-000000 for 44 residential and one commercial connections. For this property, please provide:

- a. A copy of the subject DEP-approved sewage facilities planning module;
- b. Evidence of DEP's approval of the subject planning module;
- c. An estimate quantifying the additional wastewater flow that would be generated by this development;
- d. Evidence the Letterkenny Township Municipal Authority's wastewater treatment plant has capacity to treat the estimated additional wastewater flow from the subject development;
- e. Identify whether a subdivision and/or land development plan was approved by Letterkenny Township for this parcel's proposed development and identify whether the approval was for preliminary and/or final approval along with the approval date; and
- f. If a subdivision and/or land development plan for this parcel received final approval, please identify the date the plan was recorded and any reference number or description assigned to the plan by the Franklin County Recorder of Deeds.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Documentation from Letterkenny Township Municipal Authority ("LTMA") related to the 1999 sewage facilities planning module for the property identified as UPI Number 12-0F05-006-000000 is attached as Attachment A.

- a. Attachment A to this response includes all correspondence and documentation LTMA was able to retrieve related to this 1999 Letterkenny Township development. While Letterkenny Township Board of Supervisors corresponded with DEP by letter dated October 28, 1999, and certified capacity existed, LTMA could not produce a response from DEP.
- b. See the answer to subpart (a) above.
- c. According to the documents provided by LTMA and provided in Attachment A, the estimated sewage flow generated by this development would be 11,750 gallons per day (gpd). *See Attachment A, p. 3.*
- d. According to the documents provided by LTMA and provided in Attachment A, the Letterkenny Township Board of Supervisors certified in its October 28, 1999

Bureau of Technical Utility Services Water/Wastewater Division
Data Request Set 2

Application of The York Water Company - Wastewater to Acquire the Letterkenny Township
Municipal Authority Wastewater System at Docket No. A-2020-3019424

correspondence with DEP that there was capacity for the estimated sewage flow. *See* Attachment A, pp. 1, 3.

- e. LTMA is unable to provide documentation related to an approved preliminary or final subdivision plan for this parcel.
- f. See answer to subpart (e) above.

LETTERKENNY TOWNSHIP

Board of Supervisors

4924 Orrstown Road
Orrstown, PA 17244

Phone (717) 532-8716

Fax (717) 532-7134

October 28, 1999

Department of Environmental Protection
ATTN: Mr. Mike McNulty
1331 South Seventh Street
Chambersburg, PA 17201

RE: Kenneth W. Ashlin Development
44 Lot Residential and 1 Lot Commercial
Sandy Mount Road

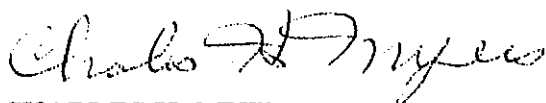
Dear Mr. McNulty:

Based upon written certification from the Letterkenny Township Municipal Authority, I hereby certify that the facilities proposed for use have capacity and that no overload exists or is projected within five (5) years for the above referenced project.

Should you have any questions, kindly contact this office.

Very truly yours,

LETTERKENNY TOWNSHIP SUPERVISORS



CHARLES H. MYERS
Chairman

LETTERKENNY TOWNSHIP MUNICIPAL AUTHORITY

4924 ORRSTOWN ROAD • ORRSTOWN, PENNSYLVANIA 17244

October 28, 1999

Letterkenny Township Supervisors
4924 Orrstown Road
Orrstown, PA 17244

RE: Kenneth W. Ashlin Development
44 Lot Residential and 1 Lot Commercial
Sandy Mount Road

Dear Township Supervisors:

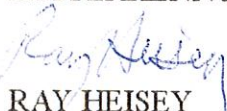
This letter is to advise you that the above referenced has requested exemption from the requirement of a revision to the Official Municipal Sewage Facilities Plan (requesting exemption from the requirement of Sewage Facilities Planning Module). After reviewing this project, it has been determined that there is currently adequate capacity in our collection and conveyance system and at our treatment facility to handle the projected sewage flows generated by the proposed project and that these projected flows will not cause an overload or a five (5) year projected overload, within the collection and conveyance system or at the treatment facility.

Actual issuance of sewer permits to connect to the collection and conveyance system will, however, be controlled by a first come, first serve basis, with one (1) permit issued per person per application. This determination of current, available capacity is not a guarantee nor a reservation of future capacity for the referenced project should the project not be completed within the five (5) year planning window or should any other unforeseen conditions arise that change current flows or five (5) year projected flows within the collection and conveyance system and/or at the treatment facility.

Should you have any questions, kindly contact this office.

Very truly yours,

LETTERKENNY TOWNSHIP MUNICIPAL AUTHORITY



RAY HEISEY
Chairman

1. Development Information:
 Name of Development KENNETH W. ASHLIN
 Developer Name KENNETH W. ASHLIN
 Address P.O. Box 180
ROXBURY PA 17251
 Telephone # 717-532-6568

2. Location of Development:
 a. County FRANKLIN
 b. Municipality LETTERKENNY TWP.
 c. Road or Street Coordinates WEST SIDE
OF SANDY MTN. RD. (T-58A) APPROX.
1500' SOUTH OF SR 0997
 d. USGS Quad Name ROXBURY PA
 inches up 17.6 over 5.2
 from bottom right corner of map.

3. Type of Development Proposed:
 (check appropriate box)
 Residential 262.5 GPD/LOT x 44 LOTS
 Multi-Residential
 Describe _____

Commercial 200 GPD on 1 LOT
 Describe OFFICE AND STORAGE AREA
(5 EMPLOYEES)
 Institutional
 Describe _____
 Other (specify) _____

4. Size
 a. # of lots 45 # of EDUs 44.76
 b. Development Acreage 42.22
 c. Remaining Acreage _____

5. Sewage Flows 11750 gpd.
 6. Proposed Sewage Disposal Method
 (check appropriate boxes):
 a. Sewerage System
 Name of existing system being
 extended LETTERKENNY TWP. MUN. AUTH.
 Public Private
 Interceptor Name _____
 Treatment Facility Name _____

Pump Station(s)/Force Main (POSSIBLY)
 Construction of Treatment Facility
 With Stream Discharge
 With Spray Irrigation (not including
 IRSIS)
 Other
 Repair?
 Name of waterbody where point of
 discharge is proposed (if stream discharge)

c. On-lot Sewage Disposal Systems
 (check appropriate line)
 _____ Individual On-lot system(s)
 (including IRSIS)
 _____ Community On-lot system
 _____ Large Volume On-lot system
 d. Retaining Tanks
 _____ Number of Holding Tanks
 _____ Number of Privies

7. Request for Planning Exemption
 a. On-Lot Disposal Systems
 (1) I certify that the Official Plan shows
 this area as an on-lot service area.

 (Signature of municipal official) Date

 Name (Print) Title

 Municipality (must be same as in 2.b.)

(2) I certify that each lot in this
 subdivision has been tested and is
 suitable for both a primary and
 replacement sewage disposal system.

 (Signature of SEO) Date

 Name (Print) Certification #

(3) I certify that each lot in this
 subdivision is at least 1 acre in size

 (Signature of Project Applicant/Agent) Date

b. Public Sewerage Service
 Based upon written certification, I certify
 that the facilities proposed for use have
 capacity and that no overload exists or is
 projected within 5 years.

Jay Heseley 10/28/99
 (Signature of Municipal Official) Date

JRAY HESELEY CHAIRMAN
 Name (Print) Title

LETTERKENNY TOWNSHIP
 Municipality (must be same as in 2.b.)

Charles D. Heseley
 (Signature)

CUT HERE
 BEFORE MAILING TO DEP

Please refer to the attached
 "Guidance for Completing Sewage Facilities Planning Module Application Mailer"
 for help in completing the above information.

44 x 262.5 = 11550
 11550 / 1000 GPD = 11.55 MGD
 11.55 MGD = 0.01175 MGD

COPY

LTMA

Post-it® Fax Note	7671	Date	10-27-99	# of pages	1
To	Jim Moxa	From	Letterkenny Twp		
Co./Dept.		Co.			
Phone #		Phone #	532-8716		
Fax #	264-2790	Fax #			

Re: Subdivision of Land Development
KENNETH W. ASHLIN DEVELOPMENT
44 LOT RESIDENTIAL AND 1 LOT COMMERCIAL
SANDY MOUNTAIN RD.

Dear Township Supervisors:

This letter is to advise you that the above referenced has requested exemption from the requirement of a revision to the Official Municipal Sewage Facilities Plan (requesting exemption from the requirement of Sewage Facilities Planning Module). After reviewing this project, it has been determined that there is currently adequate capacity in our collection and conveyance system and at our treatment facility to handle the projected sewage flows generated by the proposed project and that these projected flows will not cause an overload, or a five (5) year-projected overload, within the collection and conveyance system or at the treatment facility.

Actual issuance of sewer permits to connect to the collection and conveyance system will, however, be controlled by a first come, first serve basis, with one (1) permit issued per person per application. This determination of current, available capacity is not a guarantee nor a reservation of future capacity for the referenced project should the project not be completed within the five (5) year planning window or should any other unforeseen conditions arise that change current flows or five (5) year projected flows within the collection and conveyance system and/or at the treatment facility.

Should you have any questions, kindly contact this office.

Very truly yours,

Ray Heisey, Chairman
Letterkenny Township Municipal Authority

DENNIS E. BLACK ENGINEERING, INCORPORATED

ENGINEERING - SURVEYING

2400 PHILADELPHIA AVENUE
CHAMBERSBURG, PENNSYLVANIA 17201
PHONE (717) 263-8794

Sewerage, Drainage & Sewage Treatment
Water Supply & Water Treatment
Reports & Appraisals
Storm Water Management

Planning & Zoning
Roads & Streets
Municipal Engineering
Surveying & Estimating

October 11, 1999

Letterkenny Township Municipal Authority
4924 Orrstown Road
Orrstown, PA 17244
Attn: Mr. J. Ray Heisey, Chairman

Re: Available capacity at Letterkenny
Township Municipal Authority's
Wastewater Treatment Facility

Dear Ray:

Pursuant to Mr. Kenneth Ashlin's inquiry and at your direction, we have reviewed recent Chapter 94 information for the referenced WWTF with regard to available capacity and we offer the following:

Hydraulic Loading

Current permitted WWTF Hydraulic Capacity: 42,000 GPD (0.042 MGD)
Current flow (GPD) per EDU used for planning purposes by LTMA: 262.5 GPD
Existing EDU Capacity at WWTF: $42,000 \text{ gpd} \div 262.5 \text{ GPD} = 160 \text{ EDU's}$

Average flow per EDU during maximum 3 month flow periods
(taken from 1998 Chapter 94 Report)

<u>1996</u>	<u>1997</u>	<u>1998</u>
224 gpd	160 gpd	189 gpd

Average: 191 gpd; use 200 gpd/EDU

Possible revised flow per EDU to be used for planning purposes by LTMA: 200 gpd/EDU
EDU capacity at WWTF using revised EDU flow: $42,000 \text{ gpd} \div 200 \text{ gpd/EDU} = 210 \text{ EDU's}$

Organic Loading

Current permitted WWTF Organic Capacity: 82.2 lbs. BOD/day
Due to the apparent lack of actual influent BOD Analysis, we assume a conservative, average organic strength of 230 mg/L.

Letterkenny Township Municipal Authority
Mr. J. Ray Heisey, Chairman

Page 2 of 2

At Hydraulic Capacity (210 EDU's stated previously):

$$\frac{210 \text{ EDU's} \times 200 \text{ gpd/EDU} \times 230 \text{ mg/L} \times 8.34 \text{ lbs/gal}}{1,000,000 \text{ gal}} = 80.56 \text{ lbs/day} < 82.2 \text{ lbs/day}$$

Previously Planned EDU's:

Hillview Estates:	124 EDU's
Mountain Road:	23 EDU's
Roxbury Holiness Camp Conference Center:	24 EDU's
Welliver Property:	1 EDU
Horton Property:	<u>1 EDU</u>
Total:	173 EDU's

EDU Capacity available at WWTF: 210 EDU's - 173 EDU's = 37 EDU's
(using the proposed 200 gpd/EDU)

If the Municipal Authority is comfortable with these figures, this calculation will have to be forwarded to the Pennsylvania Department of Environmental Protection for their review and approval.

If you have any questions or require additional information, please contact the undersigned.

Very truly yours,
DENNIS E. BLACK ENGINEERING, INC.



Lance S. Kegerreis, P.E.
LSK/cm

Bureau of Technical Utility Services Water/Wastewater Division
Data Request Set 2

Application of The York Water Company - Wastewater to Acquire the Letterkenny Township
Municipal Authority Wastewater System at Docket No. A-2020-3019424

DISCOVERY A-23

In response to Data Request A-15, York-WW identified that UPI Number 12-0F05-067-000000 includes a service lateral that is not active. For this property, please identify:

- a. If the property's lateral is currently connected to the LTMA wastewater collection system.
- b. If the property's existing service lateral would comply with York-WW's tariff provisions related to customer-owned service laterals; and
- c. If the existing service lateral does not comply with York-WW's tariff provisions regarding customer-owned laterals, identify the modifications or construction of additional assets that would be required by the property or homeowner if wastewater service is requested from York-WW in the future.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

- a. According to LTMA, the lateral serving Parcel Number 12-0F05-067-000000 is connected to the LTMA wastewater collection system. According to LTMA, the service to the parcel is not currently active; however, according to LTMA's records, it had been active within the past five years.
- b. The existing service lateral would comply with York-WW's tariff provisions regarding customer-owned laterals upon York Water's express authorization of the existing service lateral, as described in Section III, B (7) "Individual Laterals" of the Company's tariff. *See Supplement No. 3 to Wastewater – PA P.U.C. No. 1, First Revised Page No. 12.*
- c. York-WW has determined that no modifications or construction of assets for new service would be required by the property or homeowner if wastewater service is requested from York-WW in the future. Upon application for wastewater service by the property or homeowner, York-WW would expressly approve use of the existing service lateral, as explained in subpart (b) above.

Bureau of Technical Utility Services Water/Wastewater Division
Data Request Set 2

Application of The York Water Company - Wastewater to Acquire the Letterkenny Township
Municipal Authority Wastewater System at Docket No. A-2020-3019424

DISCOVERY A-24

Please identify if the customer service lateral serving UPI Number 12-0F05-009C-000000 would comply with Part III, Section 7, of York-WW's Commission-approved tariff that prohibits a customer service lateral from crossing over the property of any other customer or premise.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

See the answer to Discovery A-23(b). The existing service lateral would comply with York-WW's tariff provisions regarding customer owned laterals upon York Water's express authorization of the existing service lateral as described in Section III, B (7) "Individual Laterals" of the Company's tariff. *See* Supplement No. 3 to Wastewater – PA P.U.C. No. 1, First Revised Page No. 12.

Bureau of Technical Utility Services Water/Wastewater Division
Data Request Set 2

Application of The York Water Company - Wastewater to Acquire the Letterkenny Township
Municipal Authority Wastewater System at Docket No. A-2020-3019424

DISCOVERY A-25

York-WW identified several properties on the list of properties included in the response to Data Request A-15 as “Buffer Properties” and provided comments regarding several other properties surrounding the area identified as “Proposed Certificated Area – LTMA” on the map provided in supplemental information as Attachment A-15a. Please revise the Application’s Exhibits E and E-1 to reflect a requested service territory that excludes properties not currently served by LTMA, not previously approved by LTMA to receive service, and which do not contain frontage along an existing LTMA wastewater main and quantify the revised service territory area.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

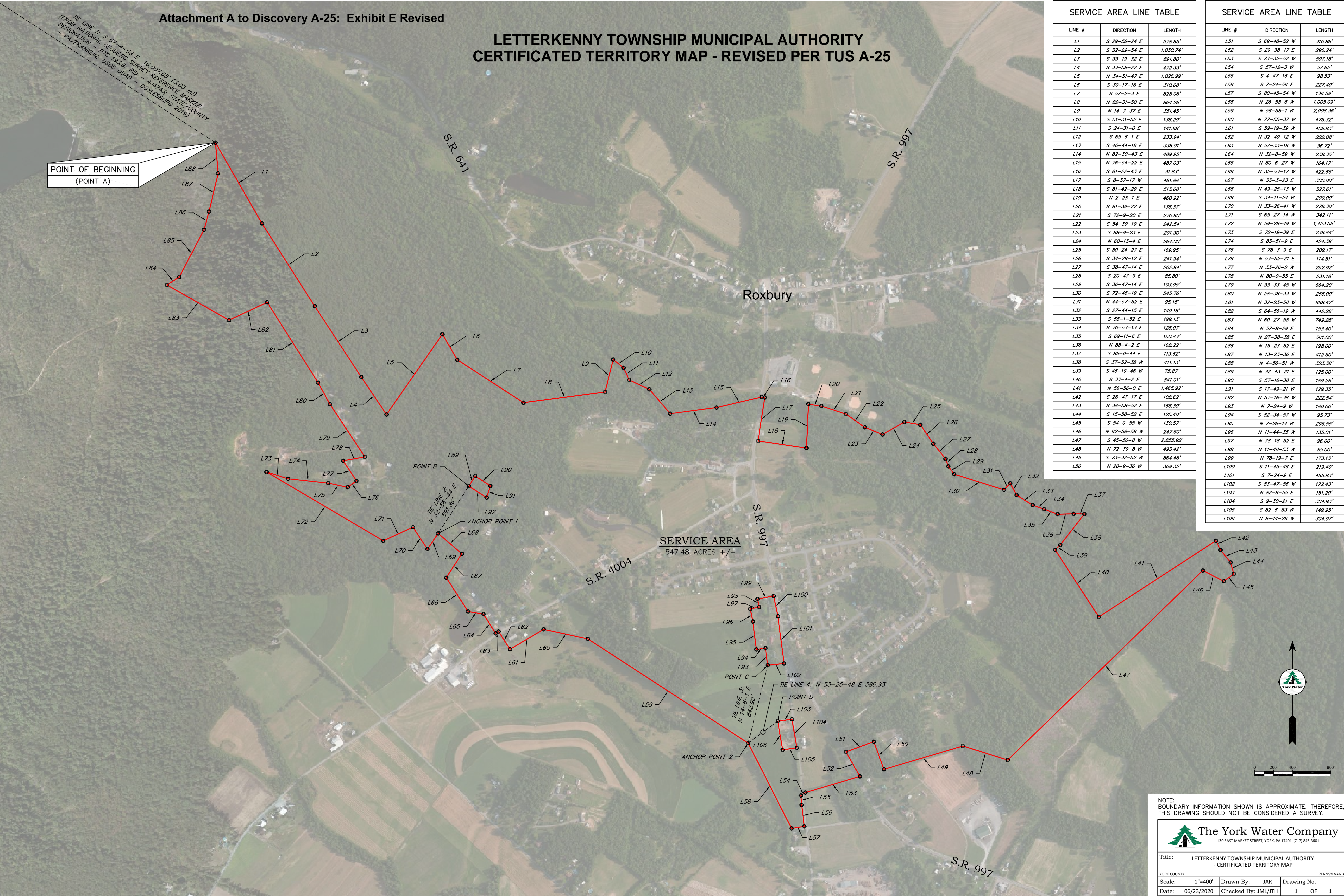
RESPONSE:

Revised Exhibits E and E-1 are attached as Attachment A and Attachment B, respectively. The revised service territory is approximately 547 acres.

LETTERKENNY TOWNSHIP MUNICIPAL AUTHORITY
CERTIFICATED TERRITORY MAP - REVISED PER TUS A-25

POINT OF BEGINNING
(POINT A)

TIE LINE 1: S 57-4-58 E 16,007.65' (3.03 mi)
(FROM NATIONAL GEODETIC SURVEY REFERENCE MARKER
DESIGNATION: PTC 153-S-910 - N 473, STATE COUNTY
- PA FRANKLIN: USGS QUAD - DOYLESBURG 2019)



LINE #	DIRECTION	LENGTH
L1	S 29-56-24 E	978.65'
L2	S 32-29-54 E	1,030.74'
L3	S 33-19-32 E	891.80'
L4	S 33-59-22 E	472.33'
L5	N 34-51-47 E	1,026.99'
L6	S 30-17-16 E	310.68'
L7	S 57-2-3 E	828.06'
L8	N 82-31-50 E	864.26'
L9	N 14-7-37 E	351.45'
L10	S 51-31-52 E	138.20'
L11	S 24-31-0 E	141.68'
L12	S 65-6-1 E	233.94'
L13	S 40-44-16 E	336.01'
L14	N 82-30-43 E	489.95'
L15	N 76-54-22 E	487.03'
L16	S 81-22-43 E	31.83'
L17	S 8-37-17 W	461.88'
L18	S 81-42-29 E	513.68'
L19	N 2-28-1 E	460.92'
L20	S 81-39-22 E	138.37'
L21	S 72-9-20 E	270.60'
L22	S 54-39-19 E	242.54'
L23	S 68-9-23 E	201.30'
L24	N 60-13-4 E	264.00'
L25	S 80-24-27 E	169.95'
L26	S 34-29-12 E	241.94'
L27	S 38-47-14 E	202.94'
L28	S 20-47-9 E	85.80'
L29	S 36-47-14 E	103.95'
L30	S 72-46-19 E	545.76'
L31	N 44-57-52 E	95.18'
L32	S 27-44-15 E	140.16'
L33	S 58-1-52 E	199.13'
L34	S 70-53-13 E	128.07'
L35	S 69-11-6 E	150.83'
L36	N 88-4-2 E	168.22'
L37	S 89-0-44 E	113.62'
L38	S 37-52-38 W	411.13'
L39	S 46-19-46 W	75.87'
L40	S 33-4-2 E	841.01'
L41	N 56-56-0 E	1,465.92'
L42	S 26-47-17 E	108.62'
L43	S 38-58-52 E	168.30'
L44	S 15-58-52 E	125.40'
L45	S 54-0-55 W	130.57'
L46	N 62-58-59 W	247.50'
L47	S 45-50-8 W	2,855.92'
L48	N 72-39-8 W	493.42'
L49	S 73-32-52 W	864.46'
L50	N 20-9-36 W	309.32'

LINE #	DIRECTION	LENGTH
L51	S 69-48-52 W	310.86'
L52	S 29-38-17 E	296.24'
L53	S 73-32-52 W	597.18'
L54	S 57-12-3 W	57.62'
L55	S 4-47-16 E	98.53'
L56	S 7-24-56 E	227.40'
L57	S 80-45-54 W	136.59'
L58	N 26-58-8 W	1,005.09'
L59	N 56-58-1 W	2,008.36'
L60	N 77-55-37 W	475.32'
L61	S 59-19-39 W	408.83'
L62	N 32-49-12 W	222.08'
L63	S 57-33-16 W	36.72'
L64	N 32-8-59 W	238.35'
L65	N 80-6-27 W	164.17'
L66	N 32-53-17 W	422.65'
L67	N 33-3-23 E	300.00'
L68	N 49-25-13 W	327.61'
L69	S 34-11-24 W	200.00'
L70	N 33-26-41 W	276.30'
L71	S 65-27-14 W	342.11'
L72	N 59-28-49 W	1,423.59'
L73	S 72-19-39 E	236.84'
L74	S 83-51-9 E	424.39'
L75	S 78-3-9 E	209.17'
L76	N 53-52-21 E	114.51'
L77	N 33-26-2 W	252.92'
L78	N 80-0-55 E	231.18'
L79	N 33-33-45 W	864.20'
L80	N 28-38-33 W	258.00'
L81	N 32-23-58 W	998.42'
L82	S 64-56-19 W	442.26'
L83	N 60-27-58 W	749.28'
L84	N 57-8-29 E	153.40'
L85	N 27-38-38 E	561.00'
L86	N 15-23-52 E	198.00'
L87	N 13-23-36 E	412.50'
L88	N 4-56-51 W	323.38'
L89	N 32-43-21 E	125.00'
L90	S 57-16-38 E	189.28'
L91	S 17-49-21 W	129.35'
L92	N 57-16-38 W	222.54'
L93	N 7-24-9 W	180.00'
L94	S 82-34-57 W	95.73'
L95	N 7-26-14 W	295.55'
L96	N 11-44-35 W	135.01'
L97	N 78-18-52 E	96.00'
L98	N 11-48-53 W	85.00'
L99	N 78-19-7 E	173.13'
L100	S 11-45-46 E	219.40'
L101	S 7-24-9 E	499.83'
L102	S 83-47-56 W	172.43'
L103	N 82-6-55 E	151.20'
L104	S 9-30-21 E	304.93'
L105	S 82-6-53 W	149.95'
L106	N 9-44-26 W	304.97'

NOTE: BOUNDARY INFORMATION SHOWN IS APPROXIMATE. THEREFORE, THIS DRAWING SHOULD NOT BE CONSIDERED A SURVEY.



Title: LETTERKENNY TOWNSHIP MUNICIPAL AUTHORITY - CERTIFICATED TERRITORY MAP	
Scale: 1"=400'	Drawn By: JAR
Date: 06/23/2020	Checked By: JML/JTH
Drawing No. 1 OF 1	

NOTE: THE METES AND BOUNDS DESCRIBED HEREIN ARE APPROXIMATE. THEREFORE, THIS DOCUMENT SHOULD NOT BE CONSIDERED A LEGAL DEED.

ENCOMPASSING approximately 547.48 acres of land located in Franklin County, Pennsylvania, the Letterkenny Municipal Authority Certificated Territory is described by metes and bounds as follows:

From National Geodetic Survey Marker designated as PTC 193.9, PID – AJ4743, said Monument being located at NAD 83 (1992) Position: 40°08'19.52698" (N), 77°43'51.91830" (W), proceeding S 57°4'58" E, 16,007.65' (3.03 mi) to Point A, and thence along the following segments:

1. S 29°56'24" E, 978.65'
2. S 32°29'54" E, 1,030.74'
3. S 33°19'32" E, 891.80'
4. S 33°59'22" E, 472.33'
5. N 34°51'47" E, 1,026.99'

6. S 30°17'16" E, 310.68'
7. S 57°2'3" E, 828.06'
8. N 82°31'50" E, 864.26'
9. N 14°7'37" E, 351.45'
10. S 51°31'52" E, 138.20'

11. S 24°31'0" E, 141.68'
12. S 65°6'1" E, 233.94'
13. S 40°44'16" E, 336.01'
14. N 82°30'43" E, 489.95'
15. N 76°54'22" E, 487.03'

16. S 81°22'43" E, 31.83'
17. S 8°37'17" W, 461.88'
18. S 81°42'29" E, 513.68'
19. N 2°28'1" E, 460.92'
20. S 81°22'43" E, 138.37'

21. S 72°9'20" E, 270.60'
22. S 54°39'19" E, 242.54'
23. S 68°9'23" E, 201.30'
24. N 60°13'4" E, 264.00'
25. S 80°24'27" E, 169.95'

26. S 34°29'12" E, 241.94'
27. S 38°47'14" E, 202.94'
28. S 20°47'9" E, 85.80'
29. S 36°47'14" E, 103.95'

30. S 72°46'19" E, 545.76'
31. N 44°57'52" E, 95.18'
32. S 27°44'15" E, 140.16'
33. S 58°1'52" E, 199.13'
34. S 70°53'13" E, 128.07'
35. S 69°11'6" E, 150.83'
36. N 88°4'2" E, 168.22'
37. S 89°0'44" E, 113.62'
38. S 37°52'38" W, 411.13'
39. S 46°19'46" W, 75.87'
40. S 33°4'2" E, 841.01'
41. N 56°56'0" E, 1,465.92'
42. S 26°47'17" E, 108.62'
43. S 38°58'52" E, 168.30'
44. S 15°58'52" E, 125.40'
45. S 54°0'55" W, 130.57'
46. N 62°58'59" W, 247.50'
47. S 45°50'8" W, 2,855.92'
48. N 72°39'8" W, 493.42'
49. S 73°32'52" W, 864.46'
50. N 20°9'36" W, 309.32'
51. S 69°48'52" W, 310.86'
52. S 29°38'17" E, 296.24'
53. S 73°32'52" W, 597.18'
54. S 57°12'3" W, 57.62'
55. S 4°47'16" E, 98.53'
56. S 7°24'56" E, 227.40'
57. S 80°45'54" W, 136.59'
58. N 26°58'8" W, 1,005.09'
59. N 56°58'1" W, 2,008.36'
60. N 77°55'37" W, 475.32'
61. S 59°19'39" W, 409.83'
62. N 32°49'12" W, 222.08'
63. S 57°33'16" W, 36.72'
64. N 32°8'59" W, 238.35'
65. N 80°6'27" W, 164.17'

66. N 32°53'17" W, 422.65'
67. N 33°3'23" E, 300.00'
68. N 49°25'13" W, 327.61'
69. S 34°11'24" W, 200.00'
70. N 33°26'41" W, 276.30'

71. S 65°27'14" W, 342.11'
72. N 59°29'49" W, 1,423.59'
73. S 72°19'39" E, 236.84'
74. S 83°51'9" E, 424.39'
75. S 78°3'9" E, 209.17'

76. N 53°52'21" E, 114.51
77. N 33°26'2" W, 252.92'
78. N 80°0'55" E, 231.18'
79. N 33°33'45" W, 664.20'
80. N 28°38'33" W, 258.00'

81. N 32°23'58" W, 998.42'
82. N 64°56'19" W, 442.26'
83. N 60°27'58" W, 749.28
84. N 57°8'29" E, 153.40'
85. N 27°38'38" E, 561.00'

86. N 15°23'52" E, 198.00'
87. N 13°23'36" E, 412.50'
88. N 4°56'51" W, 323.38'

to Point A, the point and place of beginning.

The Letterkenny Municipal Authority Certificated Territory's interior boundaries are described by metes and bounds as follows:

Tie Line 2, proceeding from Anchor Point 1, N 32°56'44" E, 591.86' to Point B, and thence along the following segments:

89. N 32°43'21" E, 125.00'

90. S 57°16'38" E, 189.28'
91. S 17°49'21" W, 129.35'
92. N 57°16'38" W, 222.54'

to Point B.

Tie Line 3, proceeding from Anchor Point 2, N 14°6'1" E, 842.90' to Point C, and thence along the following segments:

- 93. N 7°24'9" W, 180.00'
- 94. S 82°34'57" W, 95.73'
- 95. N 7°26'14" W, 295.55'

- 96. N 11°44'35" W, 135.01'
- 97. N 78°18'52" E, 96.00'
- 98. N 11°48'53" W, 85.00'
- 99. N 78°19'7" E, 173.13'
- 100. S 11°45'46" E, 219.40'

- 101. S 7°24'9" E, 499.83'
- 102. S 83°47'56" W, 172.43'

to Point C.

Tie Line 4, proceeding from Anchor Point 2, N 53°25'48" E, 386.93' to Point D, and thence along the following segments:

- 103. N 82°6'55" E, 151.20'
- 104. S 9°30'21" E, 304.93'
- 105. S 82°6'53" W, 149.95'

- 106. N 9°44'26" W, 304.97'

to Point D.