PROJECT NARRATIVE 707 EAST STREET RENOVATIONS 707 EAST STREET 17TH WARD, CITY OF PITTSBURGH ALLEGHENY COUNTY, PENNSYLVANIA

Prepared for: EAST OHIO CAPITAL 521 TRIPOLI STREET PITTSBURGH, PA 15212

Prepared by:
KU RESOURCES, INC.
22 SOUTH LINDEN STREET
DUQUESNE, PENNSYLVANIA 15110

SEPTEMBER 2022

DESCRIPTION OF PROPOSED DEVELOPMENT

East Ohio Capital (EOC), is developing a lot at parcel number 24-N-117 located in the 17th Ward of the City of Pittsburgh, Allegheny County, Pennsylvania. The proposed development will include renovations of the existing building at 707 East Street. The existing building was a mixed-sure building that contained a funeral home, office space and residential apartments and will be renovated into 4 apartments.

According to the Federal Emergency Management Agency, the site is not within a floodway. The existing utilities include an existing PWSA 6-inch water line along East Street and 15" PWSA combination line in Emlin Street.

EXISTING SANITARY FLOWS

The existing building was a mixed-use building that contained a funeral home, office space and residential apartments. Water use and sanitary sewage flow estimates in Table 3.1 of the developer's manual does not contain flow estimates for funeral homes. Calculations for the funeral home was based on National Funeral Directors Association (NFDA) average of 632 gallons of wastewater per case and the Funeral Director Daily (FDD) average of 179 cases per year.

| TABLE 2 | | | | | | |
|---|---|------------|----------|--|-----|-----------|
| EXISTING SANITARY FLOWS - 707 EAST STREET | | | | | | |
| | | | | | | |
| | | | | | | |
| N. | Measurement | | | | | |
| Type of Establishment | Unit | # of Units | GPD/Unit | | Flo | w Per Day |
| | | | | | | |
| Commercial | | | | | | |
| Funeral Home* | Case | 0.49 | 632 | | 310 | GPD |
| Office | Person | 4 | 10 | | 40 | GPD |
| One Bedroom Apartment | Unit | 2 | 150 | | 300 | GPD |
| | | | | | | |
| | Total Dry Weather Flow Per Day: 650 GPD | | | | | GPD |
| | | | | | | |

Total existing sanitary flows = 650 gpd

PROPOSED SANITARY DESIGN

PA DEP Code Chapter 73.17 indicates that for 1 bedroom apartments and 2 bedroom apartments the effluent sanitary flows are 150 gpd/unit and 300 gpd/unit respectively.

Effluent will ultimately be sent to the Allegheny County Sanitation Authority (ALCOSAN). See the attached Pittsburgh Water and Sewer Authority (PWSA) Sewer System map with the route to ALCOSAN highlighted.

PLANNING MODULE CALCULATIONS

Total Sanitary: 650 GPD

| PROPOSED SANITARY FLOWS - 707 EAST STREET | | | | | | |
|---|---------------|------------|-------------|--------------|-------|-----|
| | | | | | | |
| | | | | | | |
| N | 1easuremer | nt | | | | |
| Type of Establishment | Unit | # of Units | GPD/Unit | Flow Per Day | | |
| | | | | | | |
| Residential | | | | | | |
| Studio/One-Bedroom | Unit | 2 | 150 | | 300 | GPD |
| Tw o-Bedroom | Unit | 2 | 300 | | 600 | GPD |
| Commercial | | | | | | |
| Retail | Public Toilet | 1 | 400 | | 400 | GPD |
| | Tot | al Dry Wea | ther Flow F | er Day: | 1,300 | GPD |
| | | | | | | |

Net flows = Proposed Flows - Existing flows = 1,300 gpd - 650 gpd = 650 gpd = 1.6 EDU's

Total Water: 650 GPD

KU Resources survey crew obtained 5 flow depth measurements from MH024N109 on 8/31/22 between the hours of 6:20 and 7:35 AM and are as follows: 6:19 AM - 0.21', 6:34 AM - 0.11', 6:48 AM - 0.09', 7:03 AM - 0.25', 7:17 AM - 0.31', 7:33 AM - 0.33'. Maximum flow depth observed was 0.33', which is the value used for design purposes.

STORMWATER CONVEYANCE

Stormwater management is not needed at this site as 5,000 sf on new impervious surface nor 10,000 sf of land disturbance is proposed. Stormwater will be routed via roof leader connections and tied into the existing sanitary lateral within 5' of the existing combined sewer.

Pre-development Storm Flows:

Q = CIA = 0.7(3.89)(0.37) = 1.01 cfs

Post-development Storm Flows:

Q = CIA = 0.7(3.89)(0.37) = 1.01 cfs

ALTERNATIVE SEWAGE FACILITIES ANALYSIS

Describe the chosen disposal method, its location, the daily flow proposed and if the method is an
interim method (to be replaced by the ultimate method in 5 years or less), or is an ultimate
method (to serve the development in the long term, for 5 years or more). Provide a description of
how the chosen method will provide compliance with effluent limitations. Also provide the number
of lots or EDU's that will be served.

ALCOSAN Treatment Facility. Credit for previous flows have not been considered, therefore there are 3 new EDUs.

2. Describe the types of land uses adjacent to the project area (Agricultural, Residential, Commercial etc.) and the type of sewage disposal method serving each of those land uses. Properties adjacent to the project must be described by indicating present land uses and zoning designations. Describe the sewage disposal methods being used for each of those adjacent land uses (onlot, municipal treatment, etc.) and if those methods are intended for interim or ultimate use.

The adjacent land uses are of residential. Sanitary flows from the existing location ultimately flow into the same interceptor.

3. Indicate if the sewage facilities described in (2) are in need of improvement due to noncompliance with effluent limitations, high rates of on-lot malfunction or overloaded public sewers. Is there a potential for a combined public/private project?

Adjacent infrastructure is new. No potential for combined public/private project.

4. Determine and indicate what sewage disposal method is proposed for the development area in the municipality's Official Sewage Facilities Plan (such as: on-lot disposal systems, public sewers, etc.).

Public sewers (ALCOSAN).

5. Describe any existing sewage management program(s) in the area, and/or any sewage management program(s) that this project would be required to participate in, and that program's requirements.

ALCOSAN's Wet Weather Plan (WWP).

6. Describe any potential alternative sewage disposal methods that are available for the project. Consider all reasonable possibilities for sewage disposal, such as a stream discharge or an alternate method of land disposal. The municipality, delegated local agency or DEP may also require consideration of particular types of sewage disposal methods in the analysis. The chosen method must assure that applicable water quality standards are attained.

None.

7. Describe why the proposed method was chosen over any of the other methods described in the alternatives analysis. Environmental, administrative, and financial concerns may be addressed. Also indicate how the chosen method will guarantee adequate sewage disposal, including compliance with applicable water quality standards and effluent limitations, for the development in both the short-term (up to 5 years) and long-term (beyond 5 years) by describing the adequacy of the proposed facilities (organic and hydraulic loading) and the ability of the facility to accept additional flows or loads.

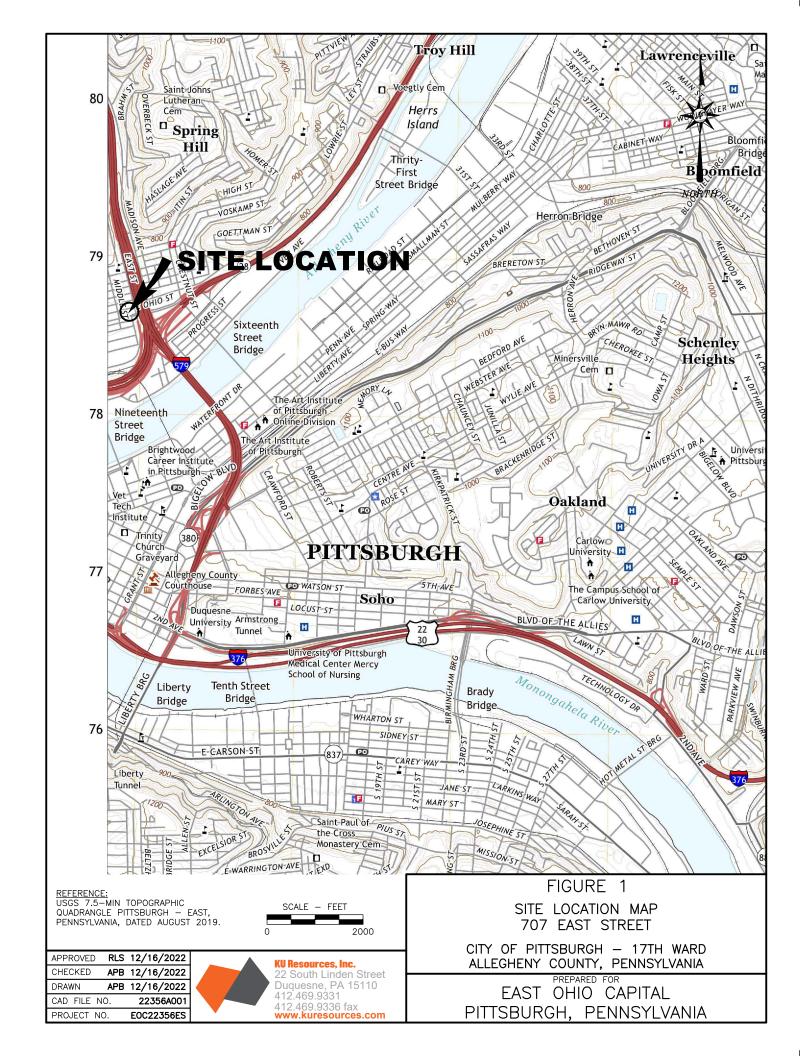
NA

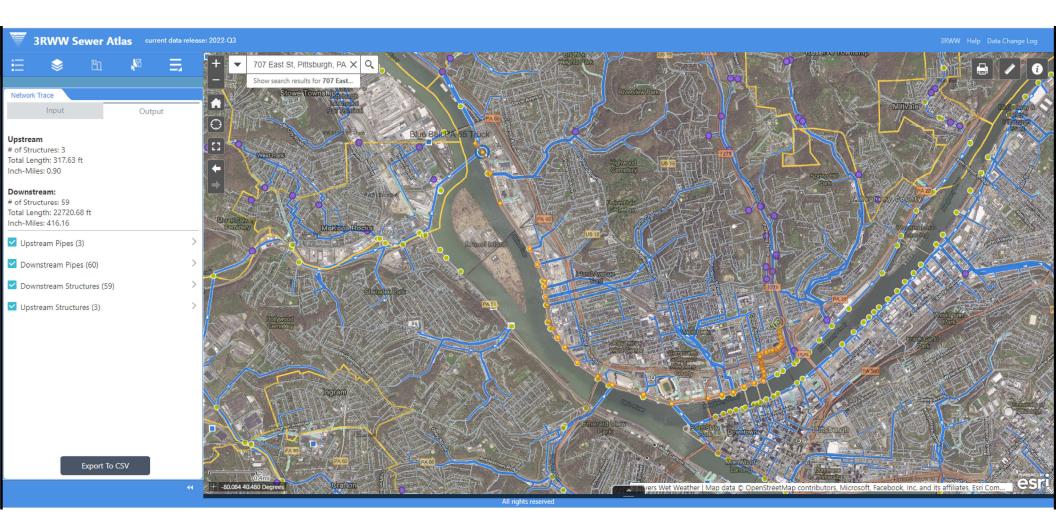
8. Indicate who will be the owner of the facility, and who will be responsible for operation and maintenance of the facility and ultimately compliance with applicable water quality standards and effluent limitations.

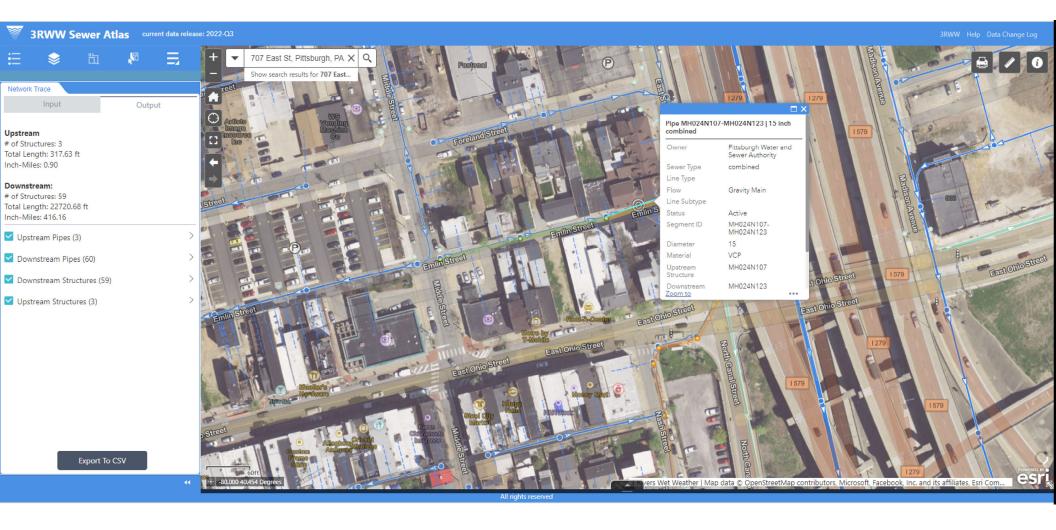
Public sewers (ALCOSAN).

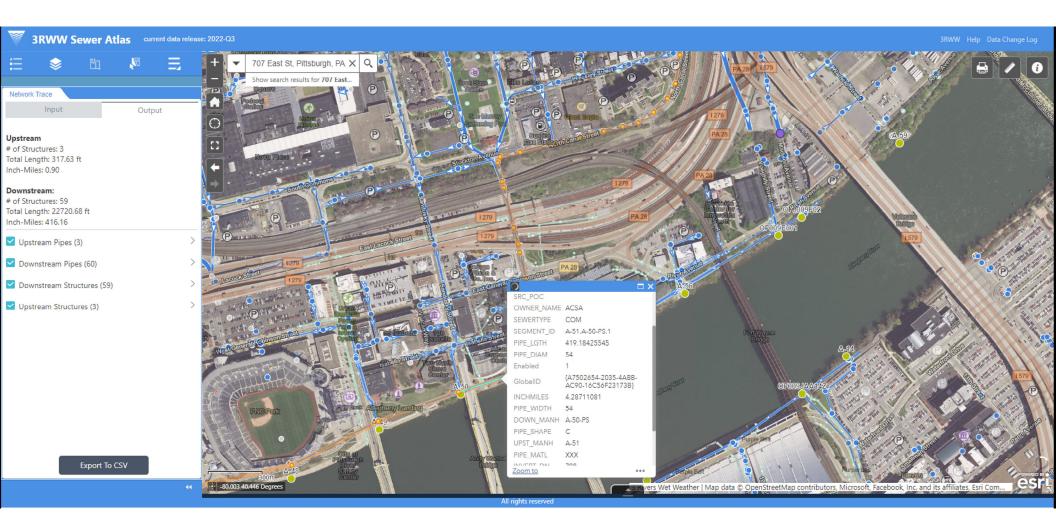
9. Finally, the applicant may use the narrative to describe any special considerations or provide any additional information that supports the choice of disposal method. The alternatives analysis must be attached to the planning module package for review by the municipality and approving agency.

NA









Sewage Facilities Planning Module

Chapter 94 Consistency Determination

Hydraulic Calculations Spreadsheet for Peak Flow Depth Measurements

PROJECT NAME: **PWSA PROJECT NUMBER:** 707 EAST CARSON STREET RENOVATIONS

PWSA REVIEWER:

DATE:

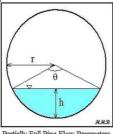
September 8, 2022

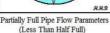
LEGEND:

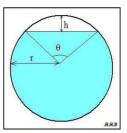
Input Data

Output Data

Section A: Manning Equation for Partially Filled Pipes







Partially Full Pipe Flow Parameters (More Than Half Full)

| Variable | Units | Description |
|----------|-----------------|-------------------------------|
| Q | ft ³ | Volumetric flowrate |
| n | Unitless | Manning Roughness Coeff. |
| Α | ft ² | Cross-Sectional Area of Flow |
| R | ft | Hydraulic Radius |
| S | ft/ft | Slope of Hydraulic Grade Line |
| Р | ft | Wetted Perimeter of "A" |
| r | ft | Radius |
| h | ft | Depth of Flow or Headspace |
| θ | radians | Central Angle |

$$Q = \left(\frac{1.49}{n}\right) \times A \times R^{2/3} \times S^{1/2}$$

$$R = \frac{A}{P}$$

OR

$$\theta = 2 \times \cos^{-1} \left(\frac{r - h}{r} \right)$$

$$A_{<50\%\,Full} = \frac{r^2(\theta - \sin\theta)}{2}$$

$$P_{<50\% Full} = r \times \Theta$$

$$A_{>50\%\,Full} = \pi \times r^2 \times \frac{r^2(\theta - \sin\theta)}{2}$$

$$P_{>50\% Full} = (2 \times \pi \times r) - (r \times \theta)$$

Section B: Data for Calculations

| Peaking Factor, P.F. | | |
|----------------------|-----|--|
| Sanitary Sewers | 3 | |
| Combined Sewers | 3.5 | |

| Proposed Project Flows | | | |
|------------------------|-------------|-----|--|
| Variable | Value Units | | |
| Q_p | 650 | gpd | |

| Variable | Value | Units |
|----------|-------|----------|
| Material | RCP | |
| n | 0.013 | unitless |
| S | 0.001 | ft/ft |
| h | 0.330 | ft |
| D | 2.00 | ft |
| P.F. | 3.5 | unitless |

Section C: Calculations for Design and/or Permitted Capacities

| Variable | Description | Definition |
|----------------------|--------------------------|--|
| Q _{d, avg} | Design Capacity, Average | = full pipe flow conditions / peaking factor |
| Q _{d, peak} | Design Capacity, Peak | full pipe flow conditions |

| Design Capacity, Aver | age |
|-----------------------|-----|
|-----------------------|-----|

Design Capacity, Peak

| Variable | Value | Unit |
|---------------------|-----------|------|
| Q _{d, avg} | 1,256,623 | gpd |

| Variable | Value | Unit |
|----------------------|-----------|------|
| D | 2.000 | ft |
| r | 1.000 | ft |
| Α | 3.142 | ft^2 |
| P | 6.283 | ft |
| R | 0.500 | ft |
| Q _{d, peak} | 7 | cfs |
| Q _{d, peak} | 4,398,179 | gpd |

Section D: Calculations for Present Flows

| Variable | Description | Definition |
|-----------------------|------------------------|--|
| Q _{ex, avg} | Present Flows, Average | = Q _{ex, peak} / P.F. |
| Q _{ex, peak} | Present Flows, Peak | existing flow conditions per site investigations |

| Present Flows, Average | | |
|------------------------|--------|-----|
| Variable Value Unit | | |
| Q _{ex, avg} | 74,328 | gpd |

| Present Flows, Peak | | | | | |
|-----------------------|---------|-------|--|--|--|
| Variable | Value | Unit | | | |
| D | 2.000 | ft | | | |
| r | 1.000 | ft | | | |
| θ | 1.67 | rad | | | |
| h/D | 0.165 | ft/ft | | | |
| Α | 0.34 | ft^2 | | | |
| Р | 1.67 | ft | | | |
| R | 0.203 | ft | | | |
| Q _{ex, peak} | 0 | cfs | | | |
| Q _{ex, peak} | 260,148 | gpd | | | |

Section E: Calculations for Projected Flows in Five (5) Years

| Variable | Description | Definition |
|-------------------------|--|--------------------------------------|
| Q _{proj, avg} | Projected Flows in Five (5) Years, Average | = Q _{proj, peak} ÷ P.F. |
| Q _{proj, peak} | Projected Flows in Five (5) Years, Peak | $= (Q_{ex, peak} + Q_p) \times 1.05$ |

| Projected Flow Calculations | | | | | |
|-----------------------------|---------|------|--|--|--|
| Variable | Value | Unit | | | |
| Q _{proj, avg} | 78,239 | gpd | | | |
| Q _{proj, peak} | 273,838 | gpd | | | |

Section F: Compare Results with Applicant's Submission

| Variable | PWSA, gpd | Applicant, gpd | Difference, gpd | Difference, % |
|-------------------------|-----------|----------------|-----------------|---------------|
| $Q_{d, avg}$ | 1,256,623 | | 1,256,623 | 100% |
| Q _{d, peak} | 4,398,179 | | 4,398,179 | 100% |
| Q _{ex, avg} | 74,328 | | 74,328 | 100% |
| Q _{ex, peak} | 260,148 | | 260,148 | 100% |
| Q _{proj, avg} | 78,239 | | 78,239 | 100% |
| Q _{proj, peak} | 273,838 | | 273,838 | 100% |



| 3800-Fi | M-BPNPSM0353 | Rev. 2/201 |
|---------|-------------------------------|------------------|
| B | pennsylval DEPARTMENT OF ENVI | nia RONMENTAL |

| COMMONWEALTH OF PENNSYLVANIA |
|---|
| DEPARTMENT OF ENVIRONMENTAL PROTECTION |
| BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT |

| Code | No | 1 |
|------|------|-------|
| Ouc | 140. | 1 |
| | | 1 |
| | | ı |

SEWAGE FACILITIES PLANNING MODULE

| Component 3. Seway (Return completed module | | | | | | | | |
|---|--|---------------|------------------------------|-------------|---------------|-------------------------|-------------|--|
| | DEP USE ONLY | | | | | | | |
| DEP CODE # | CLIENT ID# | | SITE ID# | AF | PS ID# | AUT | H ID# | |
| This planning module component is used to fulfill the planning requirements of Act 537 for the following types of projects: (1) a subdivision to be served by sewage collection, conveyance or treatment facilities, (2) a tap-in to an existing collection system with flows on a lot of 2 EDU's or more, or (3) the construction of, or modification to, wastewater collection, conveyance or treatment facilities that will require DEP to issue or modify a Clean Streams Law permit. Planning for any project that will require DEP to issue or modify a permit cannot be processed by a delegated agency. Delegated agencies must send their projects to DEP for final planning approval. | | | | | | | | |
| This component, along with municipality with jurisdiction for the Sewage Facilities Pl | n over the project sit | e for review | and approval. | All require | ed documenta | ition must b | e attached | |
| the proje | ents_to_the_Sewage modules for land de ct (DEP or delegat on on these fees. | velopment. | These fees may | vary dep | ending on the | approving | agency for | |
| NOTE: All projects must c N if applicable or n | | through I, a | nd Sections O thr | ough R. | Complete Sec | ctions J, K, | L, M and/or | |
| A. PROJECT INFOR | RMATION (See Se | ction A of in | structions) | | | | | |
| 1. Project Name 707 East | Street Renovations | | | | | | | |
| 2. Brief Project Description | n Building Renovati | ons | | | | | | |
| B. CLIENT (MUNICI | PALITY) INFORM | ATION (| See Section B of | instructio | ns) | | | |
| Municipality Name | <u> </u> | County | | City | Boro |) | Twp | |
| City of Pittsburgh | | Allegheny | | \boxtimes | | | | |
| Municipality Contact Individe | ual - Last Name F | irst Name | | MI | Suffix 7 | itle | | |
| Prendagrast | k | (yla | | | | Senior Envir Planner | onmental | |
| Additional Individual Last Na | ame F | irst Name | | MI | Suffix T | itle | | |
| Municipality Mailing Address | s Line 1 | | Mailing Address | Line 2 | | | | |
| Department of City Planning | J | | 200 Ross St. 4 ^{tt} | Floor | | | | |
| Address Last Line City | | | • | tate | ZIP+4 | | | |
| Pittsburgh PA 15219-2014 | | | | | | | | |
| Area Code + Phone + Ext. | FA | X (optional) | | | (optional) | | | |

instructions.

| C. SITE INFORMATION (See S | | ons) | | | |
|--|---------------------------|------------------|-----------------|-----------------------|-------------------------|
| Site (Land Development or Project) | Name | | S | | |
| 707 East Street Renovations | | | | | |
| Site Location Line 1 | | Site Location | Line 2 | | |
| 707 East Street | Chata | 715 | | | |
| Site Location Last Line – City Pittsburgh | State PA | ZIF | '+4 203-1022 | Latitude 40.428776 | Longitude -79.992071 |
| Detailed Written Directions to Site | | 102 | 200-1022 | 40.420770 | -79.992071 |
| | | | | | |
| | | | | | |
| Description of Site Existing building to | be renovated. | | · · | | |
| | | | | | |
| Site Contact (Developer/Owner) | | | ···· | 1011 | |
| Last Name | First Name | MI | Suffix | Phone | Ext. |
| Hicks | Matthew | | | 412-430-0371 | |
| Site Contact Title | S | Site Contact Fir | m (if none, | leave blank) | |
| | E | East Ohio Capit | al | | |
| FAX | E | Email | | | |
| | | natthicks@gma | | | |
| Mailing Address Line 1 | N | Mailing Address | Line 2 | | |
| 521 Tripoli Street | | | | | |
| Mailing Address Last Line City | | State | ZIP- | +4 | |
| Pittsburgh | F | PA | 152 | 12-4853 | |
| D. PROJECT CONSULTANT | NFORMATION (S | See Section D | of instruction | ons) | |
| Last Name | First Na | | | MI | Suffix |
| Ballish | Adam | | | | |
| Title | | ng Firm Name | | | |
| Engineer | KU Reso | ources, Inc | | | |
| Mailing Address Line 1 | N | Aailing Address | Line 2 | | |
| 22 South Linden Street | | | | | |
| Address Last Line – City | State | ZIP+4 | | Country | |
| Duquesne | PA | |)-1091 | USA | |
| | de + Phone | Ext. | | Area Code + | FAX |
| | | DL V | · | | |
| E. AVAILABILITY OF DRINKII | NG WATER SUP | PLY | | | |
| The project will be provided with o | Irinking water from th | e following sou | rce: (Che | ck appropriate box) | |
| Individual wells or cisterns. | | | , | ,, | |
| A proposed public water supp | ly. | | | | |
| An existing public water suppl | y. | | | | |
| If existing public water supply | • | de the name of | the water | company and attach | documentation |
| from the water company statir | ig that it will serve the | e project. | | , | |
| Name of water company | | | | | |
| | | | | | |
| Name of water company: | | | | | |
| | e Section F of instruc | | | | |
| | ··· | ctions) | | | |

| G. | PR | OPO | OSED WASTEWATER DISPOSAL FACILITIES (See Section G of instructions) | | |
|----|---|-----|--|--|--|
| | Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and ED served. This information will be used to determine consistency with Chapter 93 (relating to wastewater treatmedurements). | | | | |
| | 1. | CC | DLLECTION SYSTEM | | |
| | | a. | Check appropriate box concerning collection system | | |
| | | | New collection system | | |
| | | | Grinder pump(s) | | |
| | | Cle | ean Streams Law Permit Number | | |
| | | b. | Answer questions below on collection system | | |
| | | | Number of EDU's and proposed connections to be served by collection system. EDU's 2 | | |
| | | | Connections 1 | | |
| | | | Name of: | | |
| | | | existing collection or conveyance system <u>East Street - 24</u> " | | |
| | | | owner Pittsburgh Water and Sewer Authority | | |
| | | | existing interceptor <u>Monongahela Interceptor</u> owner <u>ALCOSAN</u> | | |
| | 2. | WA | ASTEWATER TREATMENT FACILITY | | |
| | | ED | eck all boxes that apply, and provide information on collection, conveyance and treatment facilities and du's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general positions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and appliance) and 93 (relating to water quality standards). | | |
| | | a. | Check appropriate box and provide requested information concerning the treatment facility | | |
| | | | ☐ New facility ☐ Existing facility ☐ Upgrade of existing facility ☐ Expansion of existing facility | | |
| | | | Name of existing facility ALCOSAN Woods Run WWTP | | |
| | | | NPDES Permit Number for existing facility 25984 | | |
| | | | Clean Streams Law Permit Number | | |
| | | | Location of discharge point for a new facility. Latitude Longitude | | |
| | | b. | The following certification statement must be completed and signed by the wastewater treatment facility permitee or their representative. | | |
| | | | As an authorized representative of the permittee, I confirm that the (Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above. | | |
| | | | Name of Permittee Agency, Authority, Municipality | | |
| | | | Name of Responsible Agent 2000 A. Parbacie, V. E. | | |
| | | | Agent Signature Date 1/9/23 | | |
| | | | (Also see Section I. 4.) | | |

G.

| | | | VASTEWATER DISPOSAL FACILITIE | S (| Continued) | |
|----|--|-------------|---|--|--|--|
| 3. | PL | OT PLA | N · · · · · · · · · · · · · · · · · · · | | to the second se | |
| | The following information is to be submitted on a plot plan of the proposed subdivision. | | | | | |
| | a. | Existing | and proposed buildings. | j. | Any designated recreational or open space | |
| | b. | Lot line | s and lot sizes. | | area. | |
| | C. | Adjacer | | k. | Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping. | |
| | d. | | der of tract. | I. | Flood plains or Flood prone areas. | |
| | e. | location | and proposed sewerage facilities. Plot of discharge point, land application field, eld, COLDS, or LVCOLDS if a new facility is | | floodways, (Federal Flood Insurance Mapping) | |
| | | propose | | m. | Prime Agricultural Land. | |
| | f. | | ap-in or extension to the point of connection to collection system (if applicable). | n. | Any other facilities (pipelines, power lines, etc.) | |
| | g. | | and proposed water supplies and surface | 0. | Orientation to north. | |
| | _ | • | vells, springs, ponds, streams, etc.) | p. | Locations of all site testing activities (soil profile test pits, slope measurements, | |
| | h. i. | Existing | and proposed rights-of-way. and proposed buildings, streets, roadways, roads, etc. | | permeability test sites, background sampling, etc. (if applicable). | |
| | | access 1 | | q. | Soils types and boundaries when a land based system is proposed. | |
| | | | | r. | Topographic lines with elevations when a land based system is proposed | |
| 4. | WET | LAND PF | ROTECTION | | | |
| | Y | ES NO | | | | |
| | a. | | Are there wetlands in the project area? If y shown in the mapping or through on-site deli | es, e neat | ensure these areas appear on the plot plan as ion. | |
| | b. | | through the wetlands? If yes, Identify any permeter a General Permit or a full encroad required, address time and cost impacts of should be avoided where feasible. Also note to an identified encroachment on an excel | oropo chme n the e tha ption | nents, or obstructions) proposed in, along, or osed encroachments on wetlands and identify ent permit will be required. If a full permit is e project. Note that wetland encroachments at a feasible alternative MUST BE SELECTED all value wetland as defined in Chapter 105, ed as HQ or EV and address impacts of the in the project. | |
| 5. | PRIM | E AGRIC | ULTURAL LAND PROTECTION | | | |
| | YES | NO | | | | |
| | | \boxtimes | Will the project involve the disturbance of prir | ne a | gricultural lands? | |
| | | | If yes, coordinate with local officials to resolve protection program. The project must be co sewage facilities planning module package m | onsis | y conflicts with the local prime agricultural land tent with such municipal programs before the submitted to DEP. | |
| | | | If no, prime agricultural land protection is not | a fac | ctor to this project. | |
| | | \boxtimes | Have prime agricultural land protection issues | s bee | en settled? | |
| 6. | HISTO | ORIC PRI | ESERVATION ACT | | | |
| | YES | NO | | | | |
| | | | Technical Guidance 012-0700-001 Impleme online at the DEP website at www.dep.sta | <i>entat</i> ate.p | m that this project is consistent with DEP ion of the PA State History Code (available ba.us, select "subject" then select "technical of the completed Cultural Resources Notice | |

(CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

| | 7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES Check one: | | | | | |
|-----------------|--|-------------------------------------|---|--|--|--|
| | | my | "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from search of the PNDI database and all supporting documentation from jurisdictional agencies (when essary) is/are attached. | | | |
| | | Fori is a plar will Rev | ompleted "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review m," (PNDI Form) available at www.naturalheritage.state.pa.us , and all required supporting documentation ttached. I request DEP staff to complete the required PNDI search for my project. I realize that my ning module will be considered incomplete upon submission to the Department and that the DEP review not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental riew Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are sived by DEP. | | | |
| | A 1 7 | | Applicant or Consultant Initials | | | |
| -1 . | | | NATIVE SEWAGE FACILITIES ANALYSIS (See Section H of instructions) | | | |
| | | inst | alternative sewage facilities analysis has been prepared as described in Section H of the attached ructions and is attached to this component. | | | |
| | <i></i> | The instr | applicant may choose to include additional information beyond that required by Section H of the attached ructions. | | | |
| * | COI Sect | MPLI ion I d | ANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See of instructions) (Check and complete all that apply.) | | | |
| | 1. | Wat | ers designated for Special Protection | | | |
| | | | The proposed project will result in a new or increased discharge into special protection waters as identified in Title 25, Pennsylvania Code, Chapter 93. The Social or Economic Justification (SEJ) required by Section 93.4c. is attached. | | | |
| | 2. | Pen | nsylvania Waters Designated As Impaired | | | |
| | | | The proposed project will result in a new or increased discharge of a pollutant into waters that DEP has identified as being impaired by that pollutant. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss water quality based discharge limitations. | | | |
| | 3. | Inte | rstate and International Waters | | | |
| | | | The proposed project will result in a new or increased discharge into interstate or international waters. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss effluent limitations necessary to meet the requirements of the interstate or international compact. | | | |
| | 4 | Trib | utaries To The Chesapeake Bay | | | |
| | | | The proposed project result in a new or increased discharge of sewage into a tributary to the Chesapeake Bay. This proposal for a new sewage treatment facility or new flows to an existing facility includes total nitrogen and total phosphorus in the following amounts: pounds of TN per year, and pounds of TP per year. Based on the process design and effluent limits, the total nitrogen treatment capacity of the wastewater treatment facility is pounds per year and the total phosphorus capacity is pounds per year as determined by the wastewater treatment facility permitee. The permitee has determined that the additional TN and TP to be contributed by this project (as modified by credits and/or offsets to be provided) will not cause the discharge to exceed the annual total mass limits for these parameters. Documentation of compliance with nutrient allocations is attached. Name of Permittee Agency, Authority, Municipality | | | |
| | | _ | Initials of Responsible Agent (See Section G 2.b) | | | |

| J. CHAP | TER 94 CONS | ISTENCY DETERMINATI | ON (See Section J | of instructions |
|---------|--------------------|----------------------------|-------------------|-----------------|
|---------|--------------------|----------------------------|-------------------|-----------------|

Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Title 25, Chapter 94 (relating to Municipal Wasteload Management). If not previously included in Section F, include a general map showing the path of the sewage to the treatment facility. If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

- 1. Project Flows 650 gpd
- 2. Total Sewage Flows to Facilities (pathway from point of origin through treatment plant)

When providing "treatment facilties" sewage flows, use Annual Average Daily Flow for "average" and Maximum Monthly Average Daily Flow for "peak" in all cases. For "peak flows" in "collection" and "conveyance" facilities, indicate whether these flows are "peak hourly flow" or "peak instantaneous flow" and how this figure was derived (i.e., metered, measured, estimated, etc.).

- a. Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
- b. Enter the average and peak sewage flows for the most restrictive sections of the existing sewage facilities.
- c. Enter the average and peak sewage flows, projected for 5 years (2 years for pump stations) through the most restrictive sections of the existing sewage facilities. Include existing, proposed (this project) and future project (other approved projects) flows.

To complete the table, refer to the instructions, Section J.

| | - Darium au | d/an Danneittad | | | c. Projected Flows in | |
|------------|-------------|------------------------------|-------------|-------------|-----------------------|-----------------------|
| | | d/or Permitted city (gpd) | b. Present | Flows (gpd) | 5 yea (2 years | rs (gpd) for P.S.) |
| | Average | Peak | Average | Peak | Average | Peak |
| Collection | 1256623 | 4398179 | 74328 | 260148 | 78239 | 273838 |
| Conveyance | | 11,400,000 | 700,000 | 740,000 | 707,700 | 798,600 |
| Treatment | | 250,000,000 | 191,500,000 | 250,000,000 | 2) 1/342,000 | 295,000,000 |

3. Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

YES NO

a.

This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved Corrective Action Plan (CAP) granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the module package.

If no, a representative of the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not affect that status.

b. Collection System

| Name of Agency, Authority, | Municipality | Pittsburgh Water and S | ewer Auth | nority | |
|-----------------------------|---|------------------------|-----------|------------|--|
| Name of Responsible Agent | Robert | Herring | | | |
| Agent Signature Moled Hours | Robert Herring - 2022.12.15 16:01:20 - 05'00' | | Date _ | 12/15/2022 | |

| J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions) | | | | | | |
|--|---|--|--|--|--|--|
| c. Conveyance System | | | | | | |
| Name of Agency, Authority, Municipality <u>ALCOSAN</u> | Name of Agency, Authority, Municipality ALCOSAN | | | | | |
| Name of Responsible Agent Joseph A. Sparsan 2, P.E. | | | | | | |
| Agent Signature | | | | | | |
| Date 1/9/23 | | | | | | |
| 4. Treatment Facility | | | | | | |
| The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization. | | | | | | |
| YES NO | | | | | | |
| a. This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility? | of | | | | | |
| If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated loca agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAF granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module. |) | | | | | |
| If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status. | | | | | | |
| b. Name of Agency, Authority, Municipality ALCOSAN | | | | | | |
| Name of Responsible Agent Social A. Social P.E. | Name of Responsible Agent 3030 ph A. Sport Chie, P.E. | | | | | |
| Agent Signature | | | | | | |
| Date 1/9/23 | | | | | | |
| ☐ K. TREATMENT AND DISPOSAL OPTIONS (See Section K of instructions) | | | | | | |
| This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may NOT receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval. | | | | | | |
| Check the appropriate box indicating the selected treatment and disposal option. | _ | | | | | |
| 1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached. | > | | | | | |
| Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached. | è | | | | | |
| 3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached. |) | | | | | |
| A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. o the planning module instructions are attached. | f | | | | | |
| L. PERMEABILITY TESTING (See Section L of instructions) | _ | | | | | |
| ☐ The information required in Section L of the instructions is attached. | _ | | | | | |
| M. PRELIMINARY HYDROGEOLOGIC STUDY (See Section M of instructions) | _ | | | | | |
| ☐ The information required in Section M of the instructions is attached. | | | | | | |

| | I. DET | AILED HYDROGEOLOGIC STUDY (See Section N of instructions) | | | | |
|------|--|---|--|--|--|--|
| , | ☐ The | e detailed hydrogeologic information required in Section N. of the instructions is attached. | | | | |
| Ο. | SEWA | AGE MANAGEMENT (See Section O of instructions) | | | | |
| | | pletion by the developer(project sponser), 4-5 for completion by the non-municipal facility agent and tion by the municipality) | | | | |
| 1. | | Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed. | | | | |
| | to assu | espond to the following questions, attach the supporting analysis, and an evaluation of the options available re long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the der of Section O. | | | | |
| 2. | Project | Flows gpd | | | | |
| | Yes | No | | | | |
| 3. | | ☐ Is the use of nutrient credits or offsets a part of this project? | | | | |
| | | attach a letter of intent to puchase the necessary credits and describe the assurance that these credits and will be available for the remaining design life of the non-municipal sewage facility; | | | | |
| (For | complet | ion by non-municipal facility agent) | | | | |
| 4. | Collecti | on and Conveyance Facilities | | | | |
| | | estions below are to be answered by the organization/individual responsible for the non-municipal collection everyance facilities. The individual(s) signing below must be legally authorized to make representation for the ation. | | | | |
| | Ye | s No | | | | |
| | а. [| If this project proposes sewer extensions or tap-ins, will these actions create a hydraulic overload on any existing collection or conveyance facilities that are part of the system? | | | | |
| | | s, this sewage facilities planning module will not be accepted for review by the municipality, delegated local cy and/or DEP until this issue is resolved. | | | | |
| | If no, a representative of the organization responsible for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not affect that status. | | | | | |
| | b. Collection System Name of Responsible Organization | | | | | |
| | Name of Responsible Agent | | | | | |
| | Agent Signature | | | | | |
| Date | | | | | | |
| | C. | Conveyance System | | | | |
| | | Name of Responsible Organization | | | | |
| | | Name of Responsible Agent | | | | |
| | | Agent Signature | | | | |
| | Date | | | | | |

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| 5. | Tre | eatment Facility | | | | |
|------|-----------------------------------|--|---|---|--|--|
| | The mu | e questionst be leg | ns below ally autho | are to be answered by a representative of the facility permittee. The individual signing below prized to make representation for the organization. | | |
| | | Yes | No | | | |
| | a. | | | If this project proposes the use of an existing non-municipal wastewater treatment plant for the disposal of sewage, will this action create a hydraulic or organic overload at that facility? | | |
| | | | | ning module for sewage facilities will not be reviewed by the municipality, delegated local DEP until this issue is resolved. | | |
| | | capacit | ty and is | nent facility permittee must sign below to indicate that this facility has adequate treatment able to provide wastewater treatment services for the proposed development in accordance) and that this proposal will not impact that status. | | |
| | b. | Name | of Facility | | | |
| | | Name | of Respor | nsible Agent | | |
| | | | | | | |
| | | Date _ | | | | |
| (For | com | pletion l | by the mi | unicipality) | | |
| -6 | - 🗇 - | The SE | LECTEE inicipal fa | OPTION-necessary-to-assure-long-term-proper-operation-and-maintenance of the proposed cilities is clearly identified with documentation attached in the planning module package. | | |
| P. | PU | BLIC N | IOTIFIC | ATION REQUIREMENT (See Section P of instructions) | | |
| | new dev loca app noti | vspaper of the second s | of genera t projects y by pub an applic unicipality | completed to determine if the applicant will be required to publish facts about the project in a all circulation to provide a chance for the general public to comment on proposed new land. This notice may be provided by the applicant or the applicant's agent, the municipality or the lication in a newspaper of general circulation within the municipality affected. Where an ant's agent provides the required notice for publication, the applicant or applicant's agent shall or local agency and the municipality and local agency will be relieved of the obligation to content of the publication notice is found in Section P of the instructions. | | |
| | | | | tion, each of the following questions must be answered with a "yes" or "no". Newspaper if any of the following are answered "yes". | | |
| | ١ | es No | | | | |
| | 1. 2. | | | e project propose the construction of a sewage treatment facility? project change the flow at an existing sewage treatment facility by more than 50,000 gallons? | | |
| | 3. | | | project result in a public expenditure for the sewage facilities portion of the project in excess | | |
| | 4. | | | project lead to a major modification of the existing municipal administrative organizations ne municipal government? | | |
| | 5. | | | project require the establishment of <i>new</i> municipal administrative organizations within the al government? | | |
| | | | | project result in a subdivision of 50 lots or more? (onlot sewage disposal only) | | |
| | | | | e project involve a major change in established growth projections? e project involve a different land use pattern than that established in the municipality's Official | | |
| | U. | | Sewage | | | |

| Ρ. | PUBLIC N | OTIFICATION REQUIREMENT | T cont'd. (See Section P of instructions) | | |
|---------------------|---|--|--|--|--|
| | 9. 🗌 🛛 | Does the project involve the use of gpd)? | of large volume onlot sewage disposal system | is (Flow > 10,000 | |
| | 10. 🗌 🖾 | Does the project require resolution requirements contained in §71.21(a) | of a conflict between the proposed alternative ()(5)(i), (ii), (iii)? | and consistency | |
| | 11. 🔲 🛛 | Will sewage facilities discharge into | high quality or exceptional value waters? | | |
| | ☐ Attached | l is a copy of: | | | |
| | | ublic notice, | | | |
| | | mments received as a result of the no | otice. | | |
| | | nunicipal response to these comments | | | |
| | ☐ No comn | nents were received. A copy of the pu | ublic notice is attached. | | |
| Q. | FALSE SV | VEARING STATEMENT (See Se | ection Q of instructions) | | |
| beli | ief. I understan | | e true and correct to the best of my knowledge onent are made subject to the penalties of 18 | | |
| Ada | am_Ballish | | Adm Ballul | | |
| | | Name (Print) | Signature | | |
| Eng | gineer | | 9/6/22 | | |
| | | Title | Date | | |
| 22 | South Linden St | reet, Duquesne PA 15110 | 412-469-9331 | | |
| | | Address | Telephone Number | | |
| R. | REVIEW F | EE (See Section R of instructions) | · | | |
| proj mod "del | ject and invoice dule prior to sub legated local ac | the project sponsor OR the project somission of the planning package to l | planning module review. DEP will calculate the sponsor may attach a self-calculated fee payme DEP. (Since the fee and fee collection proceduproject sponsor should contact the "delegated" | ent to the planning ures may vary if a | |
| | | | ect and send me an invoice for the correct amore eceives the correct review fee from me for the pr | | |
| | I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$ | | | | |
| | new lot and is t subdivision of a | he only lot subdivided from a parcel | dule review fee because this planning module of land as that land existed on December 14, 19 hall disqualify me from this review fee exemption f my fee exemption. | 995. I realize that | |
| | County Record | er of Deeds for | Cour | nty, Pennsylvania | |
| | | | · · · · · · · · · · · · · · · · · · · | | |
| | Page Number | | Date Recorded | | |

| R. | RE | VIEW FEE (cor | ntinued) | |
|----|---------|-------------------|---|---|
| Fó | rmula: | | | |
| 1. | | | stem (with or without a Clean Str Illection system use this formula | reams Law Permit), a collection system extension, or individual . |
| | | # | _ Lots (or EDUs) X \$50.00 = | \$ |
| | The fe | e is based upon: | | |
| | • | | lots created or number of EDUs sewer system projects, one EDU | whichever is higher. J is equal to a sewage flow of 400 gallons per day. |
| 2. | For a s | surface or subsur | face discharge system, use the a | appropriate one of these formulae. |
| | Α. Αι | new surface discl | narge greater than 2000 gpd will \$ 1,500 per submittal (non- \$ 500 per submittal (mun | municipal) |
| | B. An | increase in an e | xisting surface discharge will use | e: |
| | | # | Lots (or EDUs) X \$35.00 = | \$ |
| | to | a maximum of \$ | 1,500 per submittal (non-munici | pal) or \$ 500 per submittal (municipal) |
| | —— Th | e-fee-is-based-up | on: | |

- The number of lots created or number of EDUs whichever is higher.
- For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
- For non-single family residential projects, EDUs are calculated using projected population figures
- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:
 - \$ 1,500 per submittal (non-municipal)
 - \$ 500 per submittal (municipal)



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

INSTRUCTIONS FOR COMPLETING COMPONENT 4A MUNICIPAL PLANNING AGENCY REVIEW

Remove and recycle these instructions prior to mailing component to the approving agency.

Background

This component, Component 4, is used to obtain the comments of planning agencies and/or health departments having jurisdiction over the project area. It is used in conjunction with other planning module components appropriate to the characteristics of the project proposed.

Who Should Complete the Component?

The component should be completed by any existing municipal planning agency, county planning agency, planning agency with areawide jurisdiction, and/or health department having jurisdiction over the project site. It is divided into sections to allow for convenient use by the appropriate agencies.

The project sponsor must forward copies of this component, along with supporting components and data, to the appropriate planning agency(ies) and health department(s) (if any) having jurisdiction over the development site. These agencies are responsible for responding to the questions in their respective sections of Component 4, as well as providing whatever additional comments they may wish to provide on the project plan. After the agencies have completed their review, the component will be returned to the applicant. The agencies have 60 days in which to provide comments to the applicant. If the agencies fail to comment within this 60 day period, the applicant may proceed to the next stage of the review without the comments. The use of registered mail or certified mail (return receipt requested) by the applicant when forwarding the module package to the agencies will document a date of receipt.

After receipt of the completed Component 4 from the planning agencies, or following expiration of the 60 day period without comments, the applicant must submit the entire component package to the municipality having jurisdiction over the project area for review and action. If approved by the municipality, the proposed plan, along with the municipal action, will be forwarded to the approving agency (Department of Environmental Protection or delegated local agency). The approving agency, in turn, will either approve the proposed plan, return it as incomplete, or disapprove the plan, based upon the information provided.

Instructions for Completing Planning Agency and/or Health Department Review Component

Section A. Project Name

Enter the project name as it appears on the accompanying sewage facilities planning module component (Component 2, 2m, 3, 3s or 3m).

Section B. Review Schedule

Enter the date the package was received by the reviewing agency, and the date that the review was completed.

Section C. Agency Review

- 1. Answer the yes/no questions and provide any descriptive information necessary on the lines provided. Attach additional sheets, if necessary.
- 2. Complete the name, title, and signature block.

Section D. Additional Comments

The Agency may provide whatever additional comment(s) it deems necessary, as described in the form. Attach additional sheets, if necessary.



N

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

| DEP Code #: | |
|-------------|--|
| | |

SEWAGE FACILITIES PLANNING MODULE COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this Planning Agency Review Component should be sent to the local municipal planning agency for their comments. SECTION A. **PROJECT NAME** (See Section A of instructions) **Project Name** 707 East Street Renovations SECTION B. **REVIEW SCHEDULE** (See Section B of instructions) 1. Date plan received by municipal planning agency 1/18/2023 2. Date review completed by agency $\frac{1/27}{2023}$ SECTION C. **AGENCY REVIEW** (See Section C of instructions) Yes No \boxtimes Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, et seq.)? \sqcap N/A Is this proposal consistent with the comprehensive plan for land use? 2. If no, describe the inconsistencies Is this proposal consistent with the use, development, and protection of water resources? \mathbf{X} 3. If no, describe the inconsistencies \square Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation? ablaDoes this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impacts XWill any known historical or archaeological resources be impacted by this project? If yes, describe impacts X Will any known endangered or threatened species of plant or animal be impacted by this 7. project? If yes, describe impacts \square Is there a municipal zoning ordinance? 8. \mathbf{X} Is this proposal consistent with the ordinance? 9. If no, describe the inconsistencies \times 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? 11. Have all applicable zoning approvals been obtained? \mathbf{X}

12. Is there a municipal subdivision and land development ordinance?

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| SECTIO | N C. | AGEN | CY REVIEW (continued) |
|-------------|-------------|-------|--|
| Yes | No | | |
| \boxtimes | | 13. | Is this proposal consistent with the ordinance? |
| | | | If no, describe the inconsistencies |
| X | | 14. | Is this plan consistent with the municipal Official Sewage Facilities Plan? |
| | | | If no, describe the inconsistencies |
| | \boxtimes | 15. | Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? |
| | | | If yes, describe |
| | \boxtimes | 16. | Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? |
| | | | If yes, is the proposed waiver consistent with applicable ordinances? |
| | | | If no, describe the inconsistencies |
| | | 17. | Name, title and signature of planning agency staff member completing this section: Name: Kyla Prendergast |
| | | | Title: Senior Environmental Planner |
| | | | Signature: Kyla Prendergast |
| | | | Date: 1/27/20 2 /3 |
| | | | Name of Municipal Planning Agency: City of Pittsburgh Department of City Planning |
| | | | Address 414 Grant St Rm 652, Pittsburgh, PA 15219 |
| | | | Telephone Number: 412-522-6551 |
| SECTIO | ON D. | ADDIT | IONAL COMMENTS (See Section D of instructions) |
| | | | not limit municipal planning agencies from making additional comments concerning the relevancy other plans or ordinances. If additional comments are needed, attach additional sheets. |

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.



January 13, 2023

Adam Ballish, E.I.T. KU Resources, Inc. 22 South Linden Street Duquesne, PA 15110

RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY

707 East Street Renovations, City of Pittsburgh

Dear Mr. Ballish:

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development. This Planning Module Component was received on January 13, 2023. The project proposes the following:

Project Description: 707 East Street Renovation. Proposing the development

of a lot at parcel number 3-F-30-0-1 and will include renovations of the existing building (mixed-sure building

that contained a funeral home, office space, and

residential apartments) into 4 apartments located in the

City of Pittsburgh, Allegheny County.

Sewage Flow: 650 GPD

Conveyance: The flow from this site will be conveyed to the

Pittsburgh Water and Sewer Authority (PWSA) collection system to the ALCOSAN POC A-51 to the Allegheny River Interceptor and then to the ALCOSAN

Treatment Plant at Woods Run.

Sewer's Owner: PWSA (collection) and ALCOSAN (interceptor)

Sewage Treatment Plant: ALCOSAN





Mr. Adam Ballish E.I.T. January 13, 2023 Page 2

Please be advised that a permit must be obtained from the Allegheny County Health Department's (ACHD) Plumbing Section prior to commencing any plumbing work for the proposed project. Plumbing work for which an ACHD Plumbing Permit must be obtained includes any plumbing work done on the site and any sewers, which will not be owned and operated by a municipality or a sewer authority.

In addition, it should be noted that the approval of this sewage facilities planning module does not include approval of pipe size and/or type. Approval for pipe size and/or type must be obtained by filing a specific plumbing plan with the ACHD's Plumbing Section. If you should have any questions relative to ACHD's plumbing requirements, Drew Grese, Acting Plumbing Chief at 412-578-8055.

The ACHD has no objection to the approval of this project. If you have any questions, please call me at 412-578-8046.

Sincerely,

Freddie Fields, M.B.A.

Environmental Health Engineer III

Water Pollution Control & Solid Waste Management

Enclosure

cc: Thomas Flanagan, PA Department of Environmental Protection w/attachrnent

Drew Grese, ACHD w/attachment

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER



INSTRUCTIONS FOR COMPLETING COMPONENT 4C COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

Remove and recycle these instructions prior to mailing component to the approving agency.

Background

This component, Component 4, is used to obtain the comments of planning agencies and/or health departments having jurisdiction over the project area. It is used in conjunction with other planning module components appropriate to the characteristics of the project proposed.

Who Should Complete the Component?

The component should be completed by any existing municipal planning agency, county planning agency, planning agency with areawide jurisdiction, and/or health department having jurisdiction over the project site. It is divided into sections to allow for convenient use by the appropriate agencies.

The project sponsor must forward copies of this component, along with supporting components and data, to the appropriate planning agency(ies) and health department(s) (if any) having jurisdiction over the development site. These agencies are responsible for responding to the questions in their respective sections of Component 4, as well as providing whatever additional comments they may wish to provide on the project plan. After the agencies have completed their review, the component will be returned to the applicant. The agencies have 60 days in which to provide comments to the applicant. If the agencies fail to comment within this 60 day period, the applicant may proceed to the next stage of the review without the comments. The use of registered mail or certified mail (return receipt requested) by the applicant when forwarding the module package to the agencies will document a date of receipt.

After receipt of the completed Component 4 from the planning agencies, or following expiration of the 60 day period without comments, the applicant must submit the entire component package to the municipality having jurisdiction over the project area for review and action. If approved by the municipality, the proposed plan, along with the municipal action, will be forwarded to the approving agency (Department of Environmental Protection or delegated local agency). The approving agency, in turn, will either approve the proposed plan, return it as incomplete, or disapprove the plan, based upon the information provided.

Instructions for Completing Planning Agency and/or Health Department Review Component

Section A. Project Name

Enter the project name as it appears on the accompanying sewage facilities planning module component (Component 2, 2m, 3, 3s or 3m).

Section B. Review Schedule

Enter the date the package was received by the reviewing agency, and the date that the review was completed.

Section C. Agency Review

- Answer the yes/no questions and provide any descriptive information necessary on the lines provided. Attach
 additional sheets, if necessary.
- 2. Complete the name, title, and signature block.

Section D. Additional Comments

The Agency may provide whatever additional comment(s) it deems necessary, as described in the form. Attach additional sheets, if necessary.



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

| DEP | Code #: | |
|-----|---------|--|
| | | |

SEWAGE FACILITIES PLANNING MODULE COMPONENT 4C - COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this Planning Agency Review Component should be sent to the county or joint county health department for their comments. SECTION A. **PROJECT NAME** (See Section A of instructions) Project Name East Street Renovations SECTION B. REVIEW SCHEDULE (See Section B of instructions) Date plan received by county or joint county health department January 13, 2023 Agency name Allegheny County Health Department (ACHD) Date review completed by agency <u>January 13 2023</u> SECTION C. AGENCY REVIEW (See Section C of instructions) Yes No \boxtimes Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan? 1. If no, what are the inconsistencies? \boxtimes Are there any wastewater disposal needs in the area adjacent to this proposal that should be 2. considered by the municipality? If yes, describe Is there any known groundwater degradation in the area of this proposal? X 3. \boxtimes The county or joint county health department recommendation concerning this proposed plan is as follows: ACHD recommends approval. See attached letter. Name, title and signature of person completing this section: 5. Name: Freddie Fields Title: Environmental Health Engineer III Date: January 13, 2023 Name of County Health Department: ACHD Address: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318 Telephone Number: 412-578-8046 ADDITIONAL COMMENTS (See Section D of instructions) SECTION D. This component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets. The county planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

Project Search ID: PNDI-768684

1. PROJECT INFORMATION

Project Name: 707 East Carson Street Renovations

Date of Review: 9/8/2022 04:20:51 PM

Project Category: Development, Additions/maintenance to existing development facilities

Project Area: **0.28 acres** County(s): **Allegheny**

Township/Municipality(s): PITTSBURGH

ZIP Code:

Quadrangle Name(s): **PITTSBURGH EAST** Watersheds HUC 8: **Lower Monongahela**

Watersheds HUC 12: Streets Run-Monongahela River

Decimal Degrees: 40.428826, -79.992029

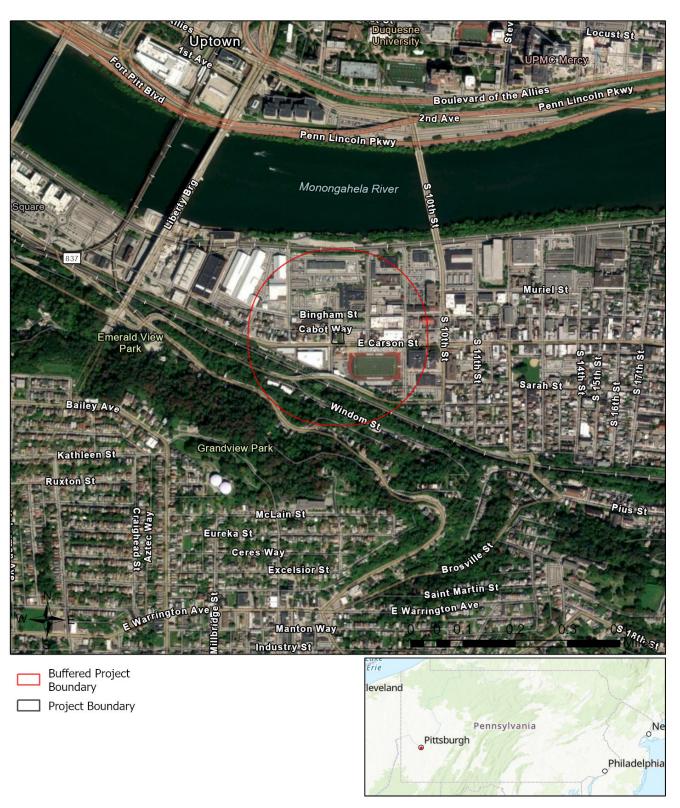
Degrees Minutes Seconds: 40° 25' 43.7746" N, 79° 59' 31.3050" W

2. SEARCH RESULTS

| Agency | Results | Response |
|---|-----------------|----------------------------|
| PA Game Commission | No Known Impact | No Further Review Required |
| PA Department of Conservation and Natural Resources | No Known Impact | No Further Review Required |
| PA Fish and Boat Commission | No Known Impact | No Further Review Required |
| U.S. Fish and Wildlife Service | No Known Impact | No Further Review Required |

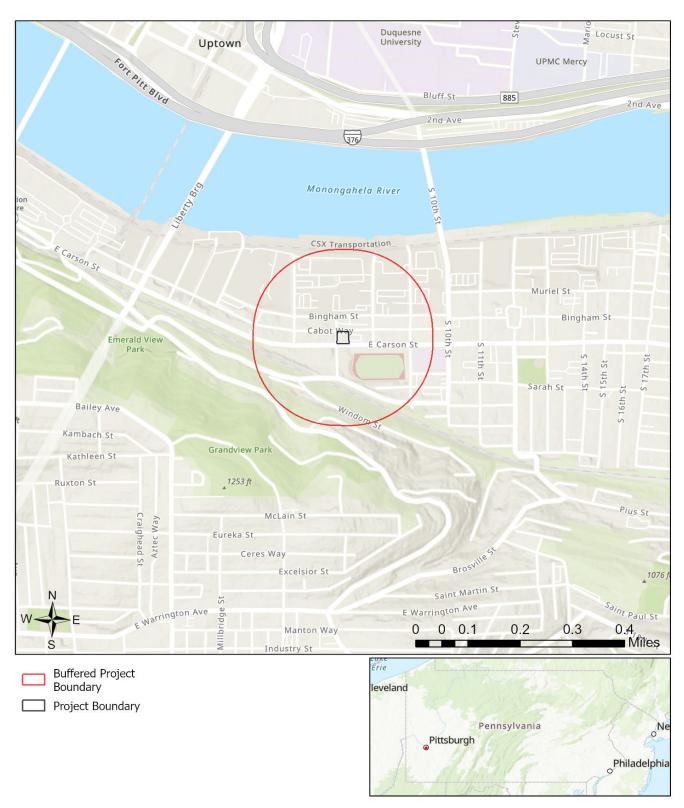
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

707 East Carson Street Renovations



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

707 East Carson Street Renovations



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Department of Conservation and Natural Resources RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at https://conservationexplorer.dcnr.pa.gov/content/resources.

Project Search ID: PNDI-768684

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5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section 400 Market Street, PO Box 8552 Harrisburg, PA 17105-8552

Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Name: Adam Ballish

Division of Environmental Services 595 E. Rolling Ridge Dr., Bellefonte, PA 16823 Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office **Endangered Species Section** 110 Radnor Rd; Suite 101 State College, PA 16801 Email: IR1 ESPenn@fws.gov

NO Faxes Please

PA Game Commission

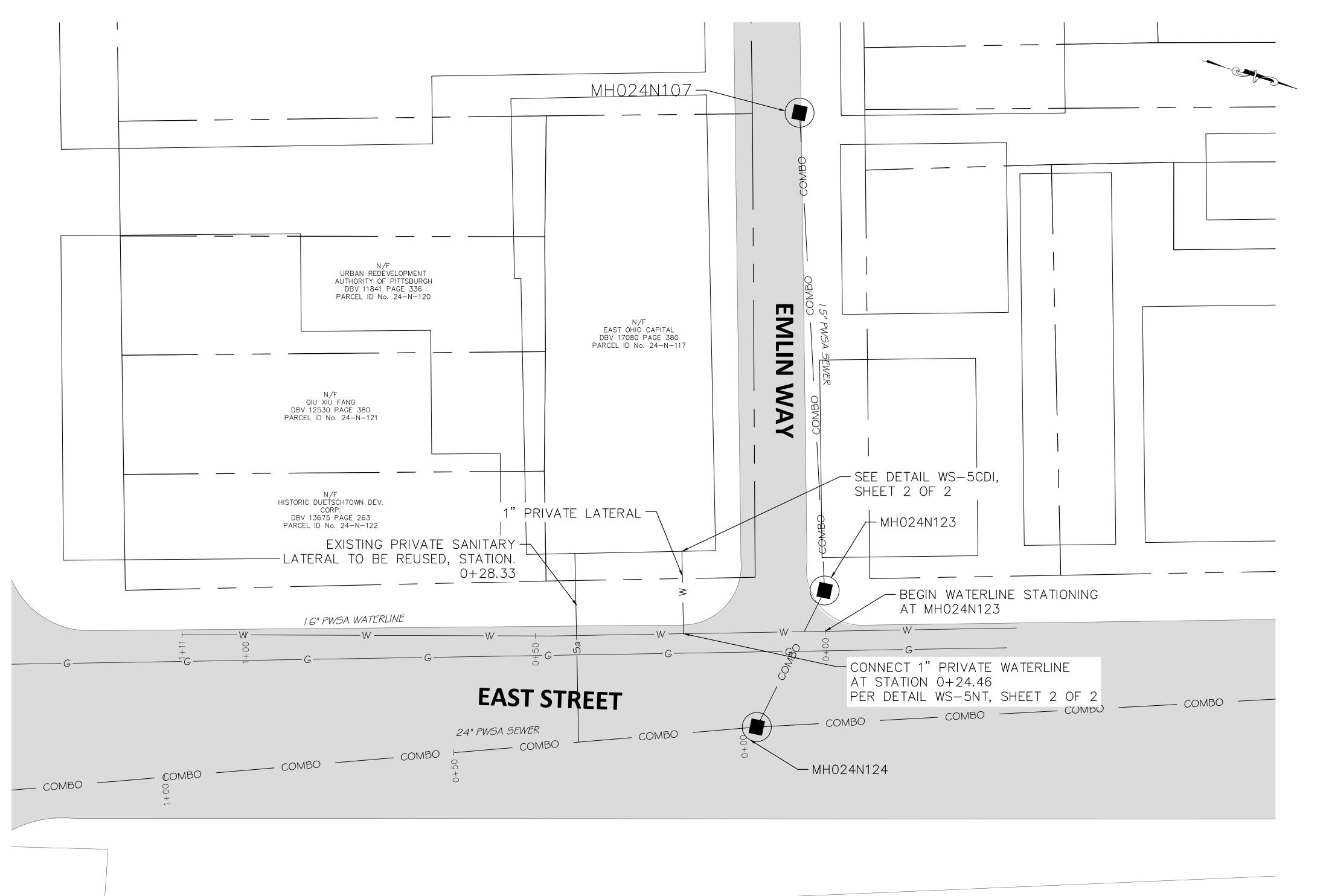
Bureau of Wildlife Management Division of Environmental Review 2001 Elmerton Avenue, Harrisburg, PA 17110-9797

Email: RA-PGC PNDI@pa.gov

NO Faxes Please

7. PROJECT CONTACT INFORMATION

| Company/Business Name:KU Resource | es, Inc | |
|--|---|--------------------------------|
| Address:_22 south Linden Street | | S. H. All. |
| City, State, Zip:Duquesne PA 15110 () | Phone:(412)_469-9331 | Fax: |
| Email:aballish@kuresources.com | | |
| 8. CERTIFICATION | | |
| size/configuration, project type, answers to | contained in this receipt (including project loca questions) is true, accurate and complete. In | addition, if the project type, |
| location, size or configuration changes, or i change, I agree to re-do the online environ | f the answers to any questions that were aske mental review. | ed during this online review |
| adam Ballich | 9/9/22 | |
| applicant/project proponent signature | | date |



PEAK DAILY SANITARY FLOW DEMANDS

To be completed by the Applicant:

PROJECT FLOW, GPD

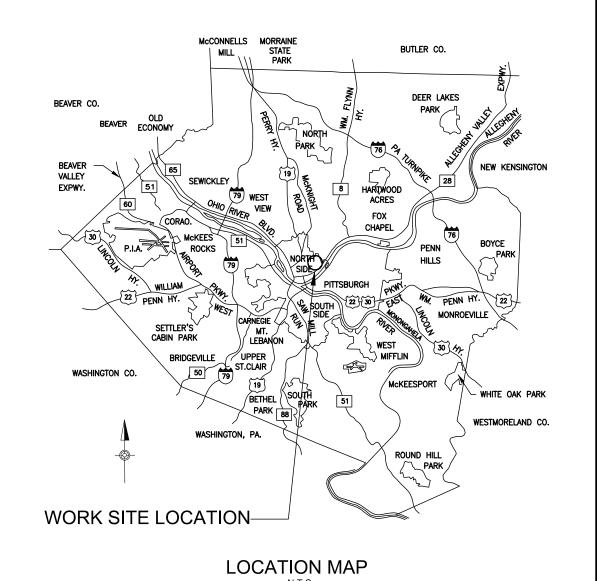
EXISTING FLOW, GPD

NET FLOW, GPD

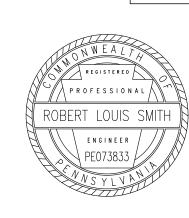
DEP SFPM APPROVAL DATE (If required)

OUTSIDE HOSE DEMAND, GPM .

SPRINKLER SYSTEM DESIGN INFORMATION



THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK To be completed by the Applicant: (Check all that apply) X NEW WATER CONNECTION(S) ____ NEW SEWER CONNECTION(S) ____ REUSE EXISTING WATER CONNECTION(S) X REUSE EXISTING SEWER CONNECTION(S) ____ TERMINATE EXISTING WATER CONNECTION(S) _____ TERMINATE EXISTING SEWER CONNECTION(S) PRIVATE CONSTRUCTION OF PUBLIC FACILITIES To be completed by the PWSA: (Required for ALL approvals) REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION DIRECTOR OF OPERATIONS (Required for "Private Construction of Public Facilities" ONLY) DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION **PWSA PROJECT NUMBER** TAP C RECORD NUMBER Signatures / Approval by PWSA are for the physical connection(s) to the water and/or sewer system only. Responsibility for the design and work depicted by the drawings, including the flow design for the facilities, is by the Professional Engineer shown by the seal and signature



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Pittsburgh Water & Sewer Authority

affixed to the drawing. The PWSA does not represent or warrant that the water supply to the

facilities is sufficient to support the design.

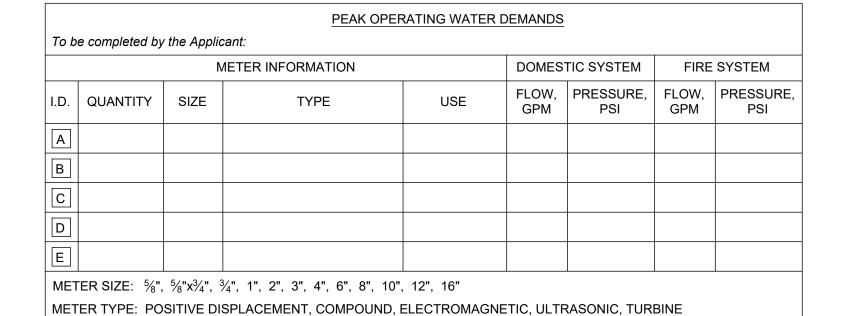
EAST OHIO CAPITAL
521 TRIPOLI STREET
PITTSBURGH, PA 15212
WATER & SEWER SERVICE TAP-IN

PWSA TAP IN PLAN 707 EAST STREET PITTSBURGH, PA 15212

SCALE: PLAN - 1" = 10'

DATE: MAY, 2022 SHEET ACCESSION NO. ______

REV 1: 1 OF 2 CASE NO. ______

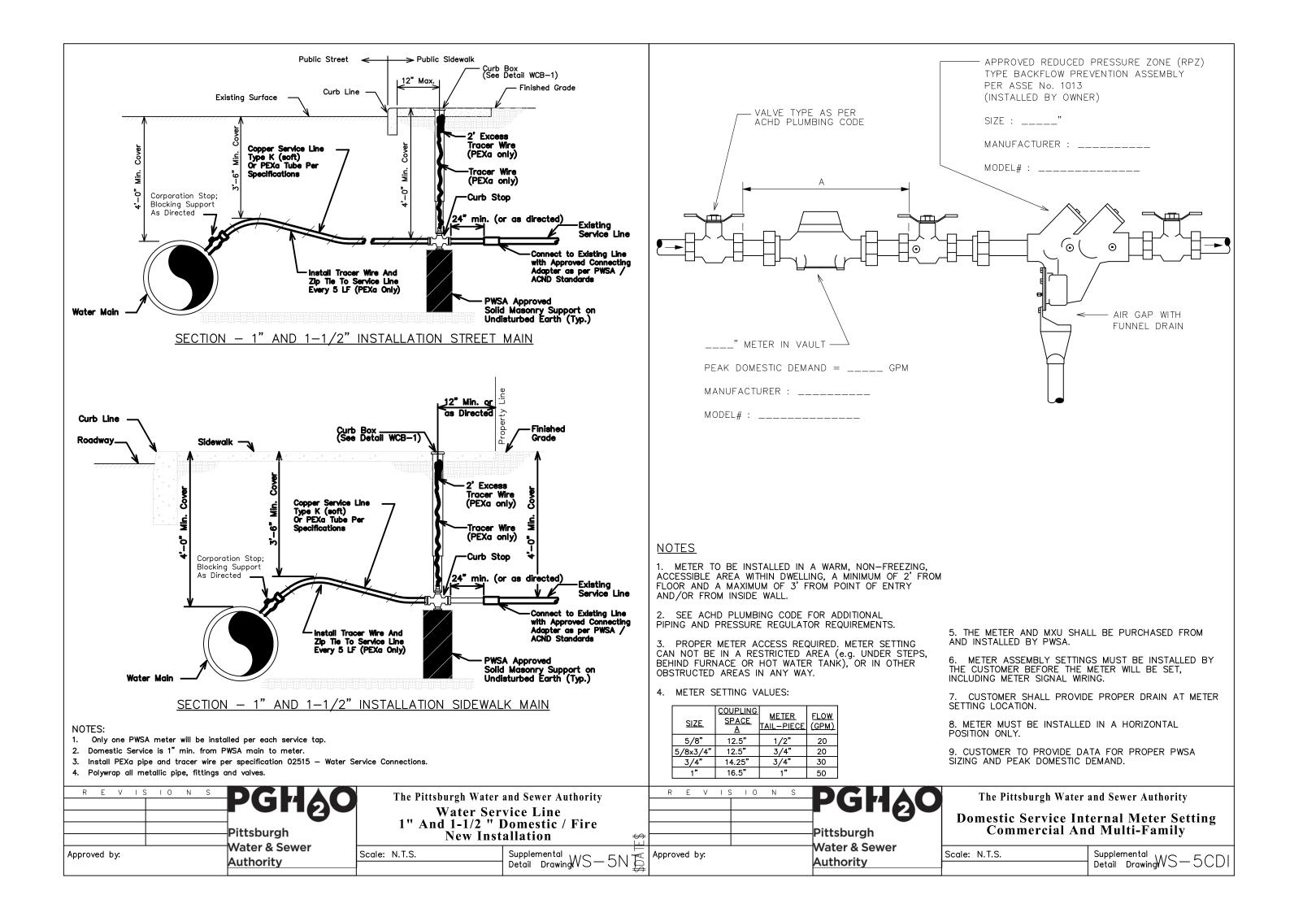


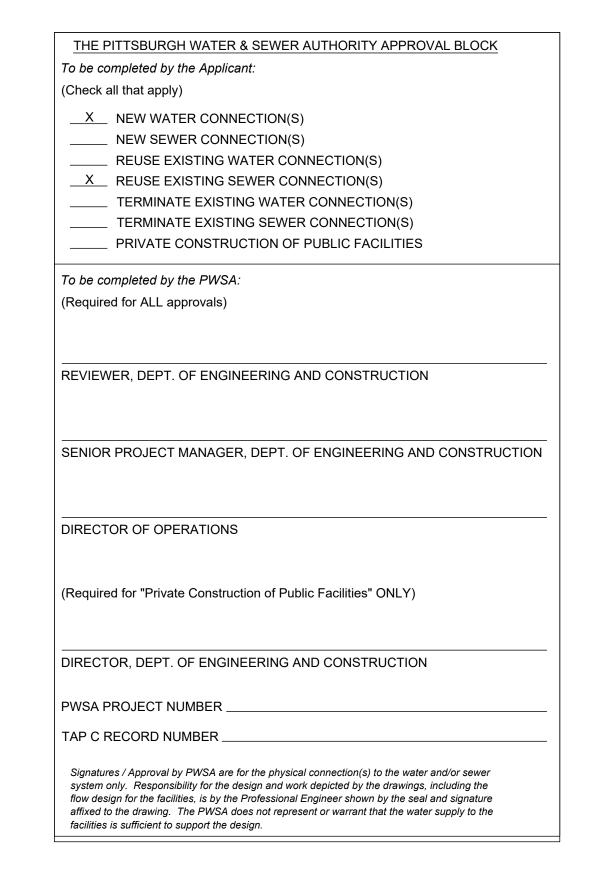
METER USE: DOMESTIC, FIRE, COMBINATION

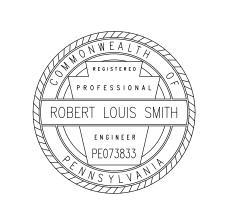
PREPARED BY:

KU Resources, Inc.
22 South Linden Street
Duquesne, PA 15110
412.469.9331
412.469.9336 fax









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Pittsburgh Water & Sewer

Authority

EAST OHIO CAPITAL 521 TRIPOLI STREET PITTSBURGH, PA 15212 WATER & SEWER SERVICE TAP-IN

PWSA TAP IN DETAILS 707 EAST STREET PITTSBURGH, PA 15212

| SCALE: PLAN - | NTS |
|---------------|-----|

DATE: MAY, 2022

REV 1:

ACCESSION NO.

CASE NO.

2 OF 2

SHEET

PREPARED BY: **KU Resources, Inc.** 22 South Linden Street Duquesne, PA 15110 412.469.9331 www.kuresources.com 412.469.9336 fax

PENNSYLVANIA LAW REQUIRES 3 WORKING NOTICE CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE — STOP CALL Pennsylvania One Call Systems, Inc.

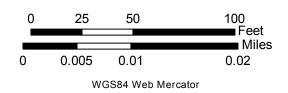
SERIAL # 20221232271



PIN: 0024N00117000000



This map is for informational purposes only. Parcel information is provided from the Office of Property Assessments in Allegheny County. Content and availability are subject to change. Property characteristics and values change due to a variety of factors such as court rulings, municipality permit processing and subdivision plans. Excludes name and contact information for property owners, as required by Ordinance 3478-07. For additional information, call the Allegheny County GIS Help Desk at (412) 350-4774 or email at GISHelp@AlleghenyCounty.US.







Parcel ID: 0024-N-00117-0000-00

Property Address: 705 -707 EAST ST

PITTSBURGH, PA 15212

Municipality: 123 23rd Ward - PITTSBURGH Owner Name: EAST OHIO CAPTIAL LLC

| School District: | Pittsburgh | Neighborhood Code: | 51C52 |
|-------------------|---------------|--------------------|-------------|
| Tax Code : | Taxable | Owner Code: | Corporation |
| Class: | Commercial | Recording Date : | 1/16/2018 |
| Use Code : | FUNERAL HOMES | Sale Date: | 1/4/2018 |
| Homestead*: | No | Sale Price: | \$227,000 |
| Farmstead : | No | Deed Book : | 17080 |
| Clean And Green | No | Deed Page: | 380 |
| Other Abatement : | No | Lot Area: | 2,925 SQFT |

SaleCode: Multi-Parcel Sale

Details may be found on the <u>County's abatement page</u>.

2022 Full Base Year Market Value 2022 County Assessed Value

| Land Value | \$55,500 Land Value | \$55,500 |
|----------------|--------------------------|-----------|
| Building Value | \$159,600 Building Value | \$159,600 |
| Total Value | \$215,100 Total Value | \$215,100 |

2021 Full Base Year Market Value 2021 County Assessed Value

 Land Value
 \$40,400
 Land Value
 \$40,400

 Building Value
 \$159,600
 Building Value
 \$159,600

 Total Value
 \$200,000
 Total Value
 \$200,000

Address Information

Owner Mailing: PO BOX 6666

PITTSBURGH, PA 15212-0666

^{*} If this property had a recent sale or deed change the 'YES' that is showing may apply to the prior owner.

New owners wishing to receive the abatement must apply.

The deadline to apply is March 1st of each year.

Lot Consolidation

12885

PROJECT #:

Z:IPROJECTS/12800 Jobs/12885IC

LOCATION MAP