



DEC 11 2018

Form A

Permit-to-Install/Plan Approval Application

Southwest District

FOR AGENCY USE ONLY

Date Received: 12/11/2018	Application/Revenue ID: 1270705	Organization ID: 20112933
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Check Date: 11/20/2018	Check Number: 563	Check Amount: \$15,100.00

1. **Project Name:** Palestine-Hollansburg Joint Sewer District
Proposed Sanitary Collection System and Wastewater Treatment Plant

2. **Applicant** (see note after signature)

Name: Palestine-Hollansburg Joint Sewer District
Mailing Address: P.O. Box 117
City: Palestine State: Ohio Zip: 45352
Contact Name: Mr. Matt Harrison
Title: Board President
Phone: (937)459-7279 Fax: () - E-mail: phjointsewerdistrict@yahoo.com

3. **Application/Plans Prepared by:**

Name: Mote & Associates, Inc.
Mailing Address: 214 West Fourth Street
City: Greenville State: Ohio Zip: 45331
Contact Name: Michael J. Bruns, P.E., S.I.
Title:
Phone: (937)548-7511 Fax: () - E-mail: mbruns@moteassociates.com

4. **Billing Address** (if different than Applicant)

Name:
Mailing Address:
City: State: Zip:
Contact Name:
Title:
Phone: () - Fax: () - E-mail:

5. **Future Owner** (if different than Applicant)

Name:
Mailing Address:
City: State: Zip:
Contact Name:
Title:
Phone: () - Fax: () - E-mail:

6. Project LocationStreet Address or Location Description: 151 Hollansburg-Arcanum RoadCounty: DarkeTownship: Liberty & HarrisonMunicipality: Palestine and HollansburgLatitude: 39°59'45" NLongitude: -84°48'00" WMethod of Determination: Google Earth**7. Brief Project Description:** Installation of a new sanitary sewer collection system for the Villages of Palestine, Hollansburg and an area between the two Villages; Installation of a new wastewater treatment plant.**8. Will one or more acres be disturbed during construction of this project?**☒ Yes ☐ NoIf Yes, enter the date the NOI for coverage under the construction storm water NPDES permit was submitted: / / and the date coverage was granted: / / **9. Will wetlands be disturbed during construction of this project?**☐ Yes ☒ NoIf Yes, enter the date the 401/404 permit application was submitted: / / **10 a. Is this application part of a combined permit-to-install application? (for example air + water)**☐ Yes ☒ No**b. Has an application for a Class V injection well permit been submitted?**☐ Yes ☐ No ☐ N/AIf Yes, date submitted: / / **11. Compliance Status****a. Will this project connect to a collection/treatment system that has a NPDES permit?**☒ Yes ☐ No

If Yes, list federal and state permit numbers:

OH 0148121

1PA00111

b. Is this application filed in compliance with findings and orders, a consent decree, and/or NPDES permit schedule?☐ Yes ☒ NoIf Yes, effective date of the document containing the schedule: / / **12. Compliance with 208 plan**

Does the project conform to the 208/201 plan for the area?

☐ Yes ☐ No ☒ N/A

If Yes, has the engineer submitted supporting documentation?

☐ Yes ☐ No**13. Designated Ohio, Wild, Scenic, & Recreational Rivers**

Is this project located within 1000 feet of a designated wild, scenic, and recreational river?

☐ Yes ☒ NoSee <http://ohiodnr.com/?TabId=985> for additional information**14. Estimated Project Schedule:**Beginning construction date: 1/Aug/2019 Ending construction date: 1/Jun/2021 Beginning operation date: 1/Jul/2021**15. Project Cost:***Installation/Construction Cost: \$ 8,500,000 (Mark one): ☐ Actual ☐ Bid ☒ EstimateAnnual Operation/Maintenance Cost (if applicable - this project only): \$

Are Water Pollution Control Loan Funds going to be used for this project?

☐ Yes ☒ NoIf No, Funding Source:

*This is costs of the treatment/dispersal/collection system that will serve the project

16. Attachments

The following are included in this application package (check appropriate box(es) and indicate how many copies of each are provided):

- | | | | |
|--|---|---|--|
| <input checked="" type="checkbox"/> Detail Plans | 4 | <input type="checkbox"/> Management Plan | |
| <input type="checkbox"/> Soil Evaluation Form | | <input type="checkbox"/> Engineering Report | |
| <input type="checkbox"/> Hydrogeologic Site Investigation Report | | <input type="checkbox"/> Engineering Specifications | |
| <input type="checkbox"/> Site Evaluation Form | | <input type="checkbox"/> Sewer Authority Letter | |
| <input type="checkbox"/> Other (describe): | | <input type="checkbox"/> Antidegradation Addendum | |
| <input type="checkbox"/> Narrative Plans | | | |

17. Form B / C Submission (check all that apply):

- ☒ Sewer and Pump Station Construction – Form B1
- ☐ Onsite Sewage Treatment Systems – Form B2
- ☒ Wastewater Treatment Plants Less Than 100,000 GPD – Form B3
- ☐ Wastewater Treatment Plants Greater Than or Equal to 100,000 GPD and all Pond Systems – Form B4
- ☐ Industrial Direct Discharge Facility – Form B5
- ☐ Industrial Indirect Discharge Facility – Form B6
- ☐ Underground Storage Tank Remediation – Form B7
- ☐ Holding Tanks – Form B8
- ☐ Industrial Impoundment Ponds – Form B9
- ☐ Land Application Management Plan for Sludge or Waste other than Treated Sewage – Form C1
- ☐ Treated Sewage Land Application Management Plan – Form C2
- ☐ Sewage Holding Tank Management Plan – Form C3

18. Fee Calculations:

Permit-to-Install (maximum total fee \$15,100)

- | | |
|--|-----------|
| a. Application fee: | \$ 100.00 |
| b. Plan review fee: | \$ 100.00 |
| c. Plan review fee (installation/construction cost x .0065): | \$ 55,250 |
| d. Total Fee (a + b + c): | \$ 55,450 |

Sludge Management Plan Approval*

- | | |
|-----------------------|-----------|
| a. Application fee: | \$ 100.00 |
| b. Plan review fee: | \$ 100.00 |
| c. Total fee (a + b): | \$ 200.00 |

* No separate fee is needed for land application

19. Antidegradation

Is this project subject to the Antidegradation Rule (OAC 3745-1-05)?

☒ Yes ☐ No

If **Yes**, an antidegradation addendum must be submitted (Note: It applies even if an exclusion and/or waiver is met)

If **No**, check all that apply:

- ☐ Application with no direct surface water discharge (Projects that do not meet the applicability section of 3745-1-05 (B)1, i.e., onsite sewage treatment systems, sanitary sewer extensions, indirect discharger to POTW, etc.).
- ☐ Renewal NPDES application or PTI application with no requested increase in loading of currently permitted pollutants.
- ☐ Narrative Plans (Examples: Land Application, General Plans, etc.)

20. Submittals:

To be considered complete, this application must include the following unless otherwise directed by Ohio EPA:

- ☒ Four copies of the detail plans including profile and plan views of all sewers (shown on the same sheet), existing (as applicable) and proposed pump station facilities, incorporating all of the details outlined in Section 20.1, 20.2 and 20.3 of *Recommended Standards for Wastewater Facilities*.
- ☒ Two copies of complete technical specifications.
- ☒ Two copies of the Permit-to-Install Application including Form A, pertinent B & C form(s), and the antidegradation addendum (if applicable)
- ☒ Fee check payable to "Treasurer, State of Ohio."

21. Signature of the Applicant: (see Ohio Administrative Code 3745-42-03)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision and that all the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Typed name: Matt Harrison Title: Board President

Signature:  Date: 12/21/18

NOTE (Who Must Sign):

The person signing as "Applicant" is not the applicant's engineer or architect or any other person submitting the Permit-to-Install Application on behalf of the owner. The "Applicant" should be owner of the facility, business, corporation, company, etc. or the legal responsibly entity. It is not the engineer who prepared the plans.

The Palestine-Hollansburg Joint Sewer District
Resolution 2017-1

A RESOLUTION ESTABLISHING RULES AND REGULATIONS FOR THE SEWAGE WORKS, REGULATING THE USE OF PUBLIC AND PRIVATE SEWERS AND DRAINS, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, AND THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER SYSTEM OF THE PALESTINE-HOLLANSBURG JOINT SEWER DISTRICT, PALESTINE, OHIO (HEREINAFTER CALLED "THE DISTRICT") AND PROVIDING PENALTIES FOR VIOLATIONS OF SECTIONS THEREOF.

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE DISTRICT, PALESTINE, OHIO (HEREINAFTER CALLED "THE BOARD").

1. Definitions

- 1.1 Unless the context specifically indicates otherwise, the meaning of the following terms, if used in the RESOLUTION or if used in the rules and regulations adopted by the Board to implement the provisions of this RESOLUTION shall be as follows:
- 1.2 "Biochemical Oxygen Demand" (or BOD) of sewage, sewage effluent, polluted waters or industrial wastes shall mean the quantity of dissolved oxygen in milligrams per liter required during stabilization of the decomposable organic matter by aerobic biochemical action. The laboratory determinations shall be made in accordance with procedures set forth in Standard Methods.
- 1.3 "Board" shall mean the Board of Trustees of The Palestine-Hollansburg Joint Sewer District, Palestine, Ohio, or any duly authorized official acting in its behalf.
- 1.4 "Building Drain" (or House Drain) shall mean that part of the lowest horizontal piping of a building drainage system which receives the discharge from soil waste and other drainage pipes inside the walls of the buildings and conveys it to a point approximately three feet outside the foundation wall of the building.
- 1.5 "Building Sewer" (or House Sewer) shall mean the pipe which is connected to the building drain at a point approximately three feet outside the foundation wall of the building and which conveys the building's discharge from that point to the public sewer, the septic tank or other place of disposal.
- 1.6 "Chemical Oxygen Demand" (or COD) of sewage, sewage effluent, polluted waters or industrial wastes is a measure of the oxygen equivalent

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of that portion of the organic matter in a sample that is susceptible to oxidation by a strong chemical oxidant. The laboratory determination shall be made in accordance with procedures set forth in Standard Methods.

- 1.7 "Combined Sewer" shall mean a sewer intended to receive both wastewater and storm or surface water.
- 1.8 "Compatible Pollutant" shall mean biochemical oxygen demand, suspended solids, pH, and fecal coliform bacteria, plus pollutants identified in the NPDES Permit if the treatment works were designed to treat such pollutants and, in fact, does remove such pollutants to a substantial degree. The term substantial degree is not subject to precise definition, but generally contemplates removals in the order of 80 percent or greater. Minor incidental removals in the order of 10 to 30 percent are not considered substantial. Examples of the additional pollutants which may be considered compatible include: (a) chemical oxygen demand, (b) total organic carbon, (c) phosphorus and phosphorus compounds, (d) nitrogen and nitrogen compounds, and (e) fats, oils, and greases of animal or vegetable origin (except as prohibited where these materials would interfere with the operation of the treatment works).
- 1.9 "Debt Service" shall mean the funds used for the retirement of and interest on Bonds and/or Notes authorized and issued by the District to construct sewage system facilities.
- 1.10 "Superintendent" shall mean the Superintendent of the District or his/her duly authorized representative, who must be selected by the Board and be a member of the Board.
- 1.11 "District" shall mean the service area of The Palestine-Hollansburg Joint Sewer District.
- 1.12 "Effluent" shall mean the water, together with any wastes that may be present, flowing out of a drain, sewer, receptacle or outlet.
- 1.13 "EPA" shall mean the U.S. Environmental Protection Agency.
- 1.14 "Fecal Coliform" shall mean any of a number of organisms common to the intestinal tract of humans and animals, whose presence in sanitary sewage is an indicator of pollution.
- 1.15 "Floatable Oil" shall mean oil, fat, or grease in a physical state such that will separate by gravity from wastewater by treatment in a pretreatment facility approved by the District.

- 1.16 "Garbage" shall mean any solid wastes from the preparation, cooking, or dispensing of food and from the handling, storage, or sale of produce.
- 1.17 "Hydrogen Ion Concentration" see definition of "pH".
- 1.18 "Incompatible Pollutant" shall mean any pollutant that is not defined as a compatible pollutant, including non-biodegradable dissolved solids.
- 1.19 "Industrial Sewage" shall mean any solid, liquid, or gaseous substance or form of energy discharged, permitted to flow or escaping from an industrial, manufacturing, commercial, or business process or from the development, recovery, or processing of any natural resources carried on by any person, exclusive of sanitary sewage.
- 1.20 "Infiltration" shall mean the water entering a sewer system, including building drains and sewers, from the ground, through such means as, but not limited to, defective pipes, pipe joints, connections, or manhole walls. (Infiltration does not include and is distinguished from inflow.)
- 1.21 "Inflow" shall mean the water discharged into a sewer system including building drains and sewers, from such sources as, but not limited to: roof, cellar, yard, and area drains, foundation drains, unpolluted cooling water discharges, drains from springs and swampy areas, manhole covers, cross connections from storm sewers, and combined sewers, catch basins, storm waters surface run-off, street wash waters or drainage. (Inflow does not include and is distinguished from infiltration.)
- 1.22 "Infiltration/Inflow" shall mean the total quantity of water from both infiltration and inflow without distinguishing the source.
- 1.23 "Inspector" shall mean the person or persons duly authorized by the District to inspect and approve the installation of building sewers and their connection to the public sewer system.
- 1.24 "Major Contributing Industry" shall mean an industry that: (1) has a flow of 50,000 gallons or more per average work day; (2) has a flow greater than five percent of the flow carried by the District receiving the waste; (3) has in its waste a toxic pollutant in toxic amounts as defined in standards issued under Section 307 (a) of PL 92-500; or (4) is found by the permit issuance authority, in connection with the issuance of an NPDES Permit to the publicly owned treatment works receiving the waste, to have significant impact, either singly or in combination with other contributing industries, on that treatment works or upon the quality of effluent from that treatment works.

- 1.25 "NH₃-N" shall mean the same as Ammonia Nitrogen measured as Nitrogen. The laboratory determinations shall be made in accordance with procedures set forth in Standard Methods.
- 1.26 "Normal Domestic Sewage" shall have the same meaning as defined in the Sewer Rate RESOLUTION.
- 1.27 "NPDES Permit" shall mean a permit issued under the National Pollutant Discharge Elimination System for discharge of waste waters to the navigable waters of the United States pursuant to Section 402 of PL 92-500.
- 1.28 "Operation and Maintenance Cost" shall mean the costs incurred in the act of keeping all facilities for collection, pumping, treating, and disposing of sewage, in a good state of repair and functioning properly including the replacement of said facilities when necessary.
- 1.29 "Outlet" shall mean any outlet, natural or constructed, which is the point of final discharge of sewage or of treatment plant effluent into any watercourse, pond, ditch, lake or other body of surface or ground water.
- 1.30 "Person" shall mean any individual, partnership, firm, company, municipal or private corporation, association, society, institutions, enterprise, governmental agency or other legal entity or their legal representatives, agents or assigns. The masculine gender shall include the feminine, the singular shall include the plural where indicated by context.
- 1.31 "Phosphorus (or P)" shall mean the chemical element phosphorus, total. The laboratory determinations shall be made in accordance with procedures set forth in Standard Methods.
- 1.32 "pH" shall mean the logarithm (to the base of 10) of the reciprocal of the hydrogen ion concentration of a solution expressed in gram-atoms per liter of solutions.
- 1.33 "Primary Sewer Main" for purposes of this RESOLUTION, shall mean the public sewer main which is required to transport sewage from the service lateral of the nearest prospective customer to the proposed point of connection at the Sewage Works' existing sewer main.
- 1.34 "Pretreatment" shall mean the treatment of industrial sewage from privately owned industrial sources prior to introduction into a public treatment works.
- 1.35 "Properly Shredded Garbage" shall mean the wastes from the preparation, cooking and dispensing of food that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally

prevailing in public sewers, with no particle greater than one-half (1/2) inch in any dimension.

- 1.36 "Replacement Costs" shall mean expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary during the useful life of the treatment works to maintain the capacity and performance for which such works were designed and constructed.
- 1.37 "Sanitary Sewage" shall mean sewage discharged from the sanitary conveniences of dwellings (including apartment houses, hotels, and motels), office buildings, factories or institutions and free from storm water, surface water and industrial wastes.
- 1.38 "Secondary Sewer Main" for purposes of this RESOLUTION shall mean the public sewer main which is required to provide services.
- 1.39 "Service Charge" shall mean the basic charge levied on all users of the public sewerage system for wastes which do not exceed in strength the concentration values above which a surcharge will be made.
- 1.40 "Sewage" shall mean the water-carried wastes from residences, business buildings, institutions, and industrial establishments singular or in any combination, together with such ground, surface, and storm waters as may be present.
- 1.41 "Sewage Works" shall mean the organization and all facilities for collecting, transporting, and pumping of sewage, namely the sewerage collection system.
- 1.42 "Sewer" shall mean a pipe or conduit for carrying sewage or other waste liquids.
 - 1.42.1 "Private Sewer" shall mean a sewer which is not owned by a public authority.
 - 1.42.2 "Public Sewer" shall mean a sewer in which all owners of abutting property have equal rights and which is controlled by the District.
 - 1.42.3 "Sanitary Sewer" shall mean a sewer which carries sewage and into which storm, surface and ground waters and unpolluted industrial waste waters are not intentionally admitted.
 - 1.42.4 "Storm Sewer" shall mean a sewer which carries storm and surface water drainage but excludes sewage.

- 1.43 "Sewerage System or Sewage System" shall mean the network of sewers and appurtenances used for collecting, transporting, and pumping sewage.
- 1.44 "Shall" is mandatory; "May" is permissible.
- 1.45 "Slug" shall mean any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.
- 1.46 "Standard Methods" shall mean the laboratory procedures set forth in the latest edition, at the time of analysis, of Standard Methods for the Examination of Water and Wastewater prepared and published jointly by the American Public Health Association, the American Water Works Association and the Water Pollution Control Federation and "Guidelines Establishing Test Procedures for Analysis of Pollutants", Regulation 40 CFR Part 136, published in the Federal Register on October 16, 1975.
- 1.47 "Surcharge" shall mean the extra charges for sewerage service assessed customers whose sewage is of such a nature that it imposes upon the Sewage Works a burden greater than that covered by the basic service charge.
- 1.48 "Suspended Solids" shall mean solids which either float on the surface of or are in suspension in water, sewage or other liquid and which are removable by laboratory filtration. Their concentration shall be expressed in milligrams per liter. The laboratory determinations shall be made in accordance with procedures set forth in Standard Methods.
- 1.49 "Total Revenue" for purposes of this RESOLUTION shall mean that revenue obtained from monthly billing for the use of and service rendered by the Sewage Works and does not include capacity charges, permits, inspection fees or other charges.
- 1.50 "Total Solids" shall mean the sum of suspended and dissolved solids. The laboratory determinations shall be made in accordance with procedures set forth in Standard Methods.
- 1.51 "Toxic Amount" shall mean concentrations of any pollutant or combination of pollutants, which upon exposure to or assimilation into any organism will cause adverse effects such as cancer, genetic mutations, and physiological manifestations, as defined in standards issued pursuant to Section 307 (a) of PL 92-500.

- 1.52 "Unpolluted Water" is water of quality equal to or better than the effluent criteria in effect, or water that would not cause violation of receiving water quality standards and would not be benefited by discharge to the sanitary sewers and wastewater treatment facilities provided.
- 1.53 "Facility Charge" shall mean the debt service tax assessment on parcels within the District for service availability and areas of which the District has entered into an Agreement to provide service regardless of usage or whether the sewer service has been connected to the property.
- 1.54 "Capacity Fee" is a fee charged to each parcel that is authorized to connect to the District's sewer system or is authorized to increase the volume of wastewater discharged into an existing sewer connection to provide revenues for the operation and maintenance of the wastewater system.
- 1.55 "Volatile Organic Matter" shall mean the material in the sewage solids transformed to gases or vapors when heated at 550 degrees C for 15 to 20 minutes. The laboratory determinations shall be made in accordance with procedures set forth in Standard Methods.
- 1.56 "Watercourse" shall mean a channel in which a flow of water occurs either continuously or intermittently.

2. Service Applications

- 2.1 Any person holding property within The Palestine-Hollansburg Joint Sewer District and having reasonable accessibility to the sanitary sewer will be required to obtain sewer service from the District. Persons outside the District who receive the approval of the Board may receive service upon signing such agreement for the purchase of sewer service as may be provided and required by the District. If the capacity of the sewer system is exhausted by the needs of its existing customers, the District reserves the right to deny sewer services to those outside of the District
- 2.2 A tap charge and capacity charge shall be paid for each new service according to the current rate schedule.
- 2.2.1 The tap charge shall be waived if the property for which service is requested has incurred a special property tax assessment for the cost of construction of the original sewer main.
- 2.2.1.1 Deferred assessments must be paid in full for parcels or portions thereof which are converted from agricultural use prior to obtaining sewer service.
- 2.3 The District may reject any application for service when the applicant is

delinquent in payment of bills incurred for service previously supplied at any location.

- 2.4 The owner of the property shall be responsible for payment of all bills incurred in connection with the service rendered.

2.4.1 If the owner of a property chooses to rent said property, the owner remains responsible for all bills.

2.4.2 If the property is subject to a Land Installment Contract, the owner/seller of the property, otherwise known as the "vendor", remains responsible for all bills.

2.4.3 If ownership of the property changes, then it is the responsibility of the prior owner and/or the new owner to inform the Board by completing a *Change of Ownership Form* and providing the same to the Board.

3. Rules and Regulations

- 3.1 It shall be unlawful for any person to place, deposit, or permit to be deposited in an unsanitary manner upon public or private property within the District, or in any area under jurisdiction thereof, any human or animal excrement, garbage, or other objectionable waste.
- 3.2 It shall be unlawful to discharge to any natural outlet within the District, or in any area under the jurisdiction thereof, any sanitary sewage, industrial waste or other polluted water, except where suitable treatment has been provided in accordance with subsequent provisions of this RESOLUTION.
- 3.3 No person shall place, deposit, or permit to be deposited in any unsanitary manner on public or private property within the jurisdiction of the District, any wastewater or other polluted waters except where suitable treatment has been provided in accordance with provisions of this RESOLUTION and NPDES Permit.
- 3.4 Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facilities intended or used for the treatment and disposal of sewage.
- 3.5 The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes and situated within the District and abutting any road, highway, street, alley, or right-of-way in which there is now located or may in the future be located a public sewer of the District is hereby required, at his expense, to install suitable toilet facilities, and to connect such facilities to the public sewer in accordance

with the provisions of this RESOLUTION and Ohio Department of Health Regulation 3701-29-02 (L) & (M), within ninety (90) days after date of official notice to do so, provided that said public sewer is within two hundred (200) feet of the dwelling or building foundation.

- 3.6 No person shall uncover, use, alter, make any connections with or opening into or disturb any public sewer or appurtenances thereof without first obtaining a written permission from The District.
- 3.7 All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the owner. The owner or the person installing the building sewer for said owner shall indemnify The District from any loss or damage that may directly or indirectly be occasioned by said installation.
- 3.8 A separate and independent building sewer shall be provided for every building; except where otherwise permitted by The District.
- 3.9 Old building sewers may be used in connection with new buildings only when they are found on examination and testing by the Superintendent to meet all requirements of this RESOLUTION.
- 3.10 The building sewer shall meet The District's current specifications for sanitary sewer construction.
- 3.11 The size and slope of the building sewers shall be subject to the approval of the Superintendent, but in no event shall the diameter be less than 4 inches for a single family or duplex residential units and not less than 6 inches for all other uses. The slope of such 4 inch pipe shall be not less than 1/4 inch per foot or sufficient slope to maintain a 2 foot per second velocity in the sewer.
- 3.12 A cleanout shall be installed within 3 feet of the building foundation.
- 3.13 No building sewer shall be laid parallel to or within 3 feet of any bearing wall which might thereby be weakened. The depth shall be sufficient to afford protection from frost. The building sewer shall be laid at a uniform grade and in straight alignment in so far as possible. Changes in direction shall be made only with properly curved pipes and fittings.
- 3.14 In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such drains shall be lifted by approved artificial means and discharged to the building sewer. No water operated sewage ejector shall be used.
- 3.15 All excavations required for the installation of a building sewer shall be open trench work unless otherwise approved by the Superintendent. Pipe

laying and backfill shall be performed in accordance with ASTM specifications except that no backfill shall be placed until the work has been inspected by the Superintendent.

- 3.16 All joints and connections shall be made gas tight and water tight. Cast iron joints shall be either caulked, threaded, flexible compressions factory-fabricated, mechanical, elastomeric, or rubber-ring type.
- 3.17 Joints between clay pipe and pipe of other materials shall be made with approved adapter fittings or prefabricated elastomeric sealing rings or sleeves.
- 3.18 Other jointing materials and methods may be used by approval of the Superintendent.
- 3.19 The applicant for a building sewer permit shall notify The District 24 hours in advance of when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the inspection of the Superintendent.
- 3.20 All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Superintendent.
- 3.21 Where a public sanitary sewer is not available under the provisions of Section 2.5, the building sewer shall be connected to a private sewage disposal system complying with all requirements of the local Board of Health or Ohio EPA, whichever shall have jurisdiction.
- 3.22 At such time as a public sewer becomes available to a property served by a sewage disposal system as provided, a direct connection from the user (source) side of the sewage disposal system shall be made to the public sewer in compliance with this RESOLUTION, and any septic tanks, cesspools or similar private sewage disposal system shall be properly abandoned except as otherwise provided for herein.
- 3.23 No person shall operate and maintain any private sewage disposal facilities in the District where public sewers are available.
- 3.24 No statement contained in this RESOLUTION shall be construed to interfere with any additional requirements that may be imposed by the State of Ohio or the Darke County Board of Health.
- 3.25 No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff or subsurface drainage to any

sanitary sewer.

- 3.25.1 Storm water and all other unpolluted waters shall be discharged to such sewers as are specifically designated as storm sewers, or to natural outlet approved by proper authorities.
- 3.25.2 No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers.
- 3.25.3 Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
- 3.25.4 Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantities, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant.
- 3.25.5 Any waters or wastes having corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.
- 3.25.6 Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails, and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
- 3.26 No person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes except if it appears likely, in the opinion of the Superintendent that such wastes will not harm either the sewers, sewage treatment process or equipment, not have an adverse effect on the receiving stream nor can otherwise endanger life, limb, public property nor constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the Superintendent will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant and other pertinent factors. Included but not limited to, the substances not acceptable are as follows:
 - 3.26.1 Any liquid or vapor having a temperature higher than 150 degrees F., (65 degrees C).

- 3.26.2 Any water or waste containing fats, wax, grease, or oils whether emulsified or not, in excess of 100 mg/L of which not more than 25 mg/L is soluble oils, or containing substances which may solidify or become so highly viscous as to retard flow in the sewer system at temperatures between 32 degrees and 150 degrees F. (0 and 65 degrees C.)
- 3.26.3 Any garbage that has not been properly shredded. The installation and operation of any garbage grinder (other than in a residence) may be subject to the review and approval of the Superintendent.
- 3.26.4 Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not.
- 3.26.5 Any waters or wastes exceeding the following maximum allowable limits: 2.0 mg/L of total zinc, 2.0 mg/L of total chromium, 0.2 mg/L cadmium, 1.0 mg/L of total copper, 0.5 mg/L of cyanide, 2.0 mg/L of total nickel, 2.0 mg/L of Phenol, 10.0 mg/L of iron, and similar objectionable or toxic substances; or wastes exerting an excessive chlorine requirement, to such degree that any such material received in the composite sewage at the sewage treatment works exceeds the limits established by the Superintendent for such materials.
- 3.26.6 Any waters or wastes containing phenols or other taste or odor-producing substances after treatment of the composite sewage, in such concentrations exceeding limits which may be established by the Superintendent as necessary to meet the requirements of the State, Federal, or other public agencies of jurisdiction for such discharge to the respective waters.
- 3.26.7 Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Superintendent in compliance with applicable State or Federal regulations.
- 3.26.8 Any waters or wastes having a pH of less than 6 or in excess of 9.
- 3.26.9 Materials which exert or cause:
- 3.26.9.1 Unusual concentrations of inert, suspended solids such as but not limited to, Fullers earth, lime slurries, and lime residues or of dissolved solids (such as but not limited to sodium chloride and sodium sulfate).

3.26.9.2 Excessive discoloration (such as but not limited to dye wastes and vegetable tanning solutions).

3.26.9.3 Unusual BOD, chemical oxygen demand or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment plant.

3.26.10 Unusual volume of flow or concentration of wastes constituting "slugs" as defined herein.

3.26.11 Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

3.27 If any waters or wastes are discharged or are proposed to be discharged to the public sewers which waters contain the substance or possess the characteristics enumerated in Section 2.33 hereinabove, and which in the judgment of the Superintendent may have a deleterious effect upon the sewage works, processes, equipment or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Superintendent shall:

3.27.1 Require industries with significant increase in discharges to submit information on waste-water characteristics and obtain prior approval for discharges.

3.27.2 Require other methods of disposal; and/or

3.27.3 Require pretreatment to an acceptable condition for discharge to the public sewers and/or

3.27.4 Require control over the quantities and rates of discharge; and/or

3.27.5 Require facilities to prevent accidental discharge of any unacceptable wastes, and

3.27.6 Require payment to cover the added cost of handling and treating the wastes not covered by sewer charges under the provisions of the Sewer Rate RESOLUTION and all RESOLUTION'S amendatory thereof and supplemental thereto, and any fines, penalties or damages assessed against The District for discharge of such wastes.

- 3.28 If the Superintendent permits the pretreatment or equalization of water flows, the design and installation of the plans and equipment shall be subject to the review and approval of the Superintendent and subject to the requirements of all applicable RESOLUTION'S and laws.
- 3.29 Any industrial wastes discharged into the public sewers shall be subject to periodic inspection and determination of volume, character, and concentration. The examination shall be made as often as the Superintendent deems it necessary and may include the use of suitable continuously monitoring instruments in appropriate cases. Samples shall be collected either manually or by approved mechanical devices and in such a manner as to be representative of the overall composition of the wastes. Every care shall be exercised in collecting the samples to insure their preservation, until analyzed, in a state comparable to that at the time the samples were collected.
- 3.30 The installation, operation and maintenance of the flow measuring and sampling facilities shall be the responsibility of the person discharging the wastes and shall be subject to the approval of the Superintendent. When required by the Superintendent, the owner of any property served by a building sewer carrying industrial wastes shall install a suitable control manhole in the building sewer to facilitate observation sampling and measurement of the wastes. Such manhole, when required, shall be constructed in accordance with plans approved by the Superintendent. The manhole shall be installed by the owner at his expense and shall be maintained by him so as to be safe and accessible at all times.
- 3.31 The Superintendent, or duly authorized employees of The District, bearing credentials and identification shall be permitted to enter all properties for the purposes of inspection, observations, measurement, sampling, and testing in accordance with the provisions of the RESOLUTION. The Superintendent shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the sewers or waterways or facilities for waste treatment.
- 3.32 While performing the necessary work on private properties referred to in Section 2.34 above, the Superintendent or duly authorized employees of The District shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to The District employees and The District shall indemnify the company against loss or damage to its property by The District employees and against liability claims and demands for personal injury or property damage asserted against the company and growing out of the gauging and sampling operation, except as such may be caused by

negligence or failure of the company to maintain safe conditions as required in Section 2.34 above.

- 3.33 The Superintendent and other duly authorized employees of The District bearing proper credentials and identification shall be permitted to enter all private properties through which The District holds a duly negotiated easement for the purpose of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.
- 3.34 Fats, grease, oil and sand interceptors shall be provided when, in the opinion of the Superintendent, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand and other harmful ingredients. All interceptors shall be of a type and capacity approved by the Superintendent, and shall be located as to be readily and easily accessible for cleaning and inspection. Provided, however, that approval of any such interceptors by the Superintendent shall not relieve any person of the responsibility of complying with the discharge requirements of this RESOLUTION.
- 3.35 Fats, grease, oil and sand interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight, and equipped with easily removable covers which, when bolted in place, shall be watertight.
- 3.36 Where installed, all fats, grease, oil and sand interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times.
- 3.37 The admission into the public sewers of any waters or wastes having (a) a BOD greater than 250 mg/L or (b) containing more than 250 mg/L suspended solids, or (c) containing any quantity of substances having the characteristics described in Section 2.33, or (d) having an average daily flow greater than 5% of the average daily sewage flow of the District, or (e) having $\text{NH}_3\text{-N}$ (Ammonia Nitrogen) greater than 30 mg/L, shall be subject to the review and approval of the Superintendent. Where necessary in the opinion of the Superintendent, the owner shall provide at his expense such preliminary treatment as may be necessary to (a) reduce BOD to 250 mg/L, the suspended solids to 250 mg/L, and the ammonia nitrogen to 30 mg/L, or (b) reduce the objectionable characteristics or constituents to within the maximum limits provided in Section 2.33, or (c) control the quantities and rates of discharge of such waters or wastes, or (d) be subject to surcharge.

- 3.38 Where preliminary treatment facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.
- 3.39 All measurements, tests, and analyses of the characteristics of waters and wastes to which references are made herein, shall be determined in accordance with Standard Methods and 40 CFR 136.
- 3.40 No statement contained in this article shall be construed as preventing any special agreement or arrangement between the District and any industrial concern whereby an industrial waste of unusual strength of character may be accepted by the District for treatment, subject to payment therefore by the industrial concern; provided, however, that the payment shall not be less than the pollutant surcharges provided for in the Sewer Rate RESOLUTION and RESOLUTION'S amendatory thereof and supplemental thereto.
- 3.41 No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is a part of the Sewage System.
- 3.42 Pretreatment of industrial wastes from major contributing industries prior to discharge to the treatment works is required and is subject to the Rules and Regulations adopted by the U.S. Environmental Protection Agency and published in the Federal Register (40 CFR Part 403) (Pretreatment Standards) (Pursuant to 307(b) of the Clean Water Act (CWA)), in addition to any more stringent requirements established by the District and any subsequent State or Federal Guidelines and Rules and Regulations.
- 3.43 Plans, specifications, and any other pertinent information relating to pretreatment or control facilities shall be submitted for approval of The District and the Ohio EPA and no construction of such facilities shall be commenced until approval, in writing, is granted. Where such facilities are provided, they shall be maintained continuously in satisfactory and effective operating order by the owner at his expense and shall be subject to periodic inspections by The District to determine that such facilities are being operated in conformance with applicable Federal, State and Local laws and permits. The owner shall maintain operating records and shall submit to The District a monthly summary report of the character of the influent and effluent to show the performance of the treatment facilities and for comparison against The District monitoring records.
- 3.44 Unpolluted water from air conditioners, cooling, condensing systems or swimming pools, shall be discharged to a storm sewer where it is available. Where a storm sewer is not available, discharge may be to a natural outlet approved by The District and by the State of Ohio. Where a

storm sewer or natural sewer is not available, such unpolluted water may be discharged to a sanitary sewer by obtaining a written approval from The District.

- 3.45 Industrial cooling water, which may be polluted with insoluble oils or grease or suspended solids, shall be pretreated for removal of pollutants and the resultant clear water shall be discharged in accordance with the above paragraph.
- 3.46 The District may require users of the sewage works to supply pertinent information on wastewater flows characteristics. Such measurements test and analysis shall be made at the users' expense. If made by The District, an appropriate charge may be assessed to the user at the option of The District.
- 3.47 The strength of wastewater shall be determined, for periodic establishment of charges provided for in the Sewer Rate RESOLUTION, from samples taken at the aforementioned structure at any period of time and of such duration and in such manner as The District may elect, or at any place mutually agreed upon between the user and The District. Appropriate charges for sampling and analysis may be assessed to the user at the option of The District. The results of routine sampling and analysis by the user may also be used for determination of charges after verification by The District.
- 3.48 Users of the sewage works shall immediately notify the Superintendent, or his representative, of any unusual flows or wastes that are discharged, accidentally or otherwise, to the sewer system.
- 3.49 All provisions of this RESOLUTION and limits set herein shall comply with any applicable State and or Federal requirements.
- 3.50 No person shall discharge or cause to be discharged into the sewer any toxic substance as set forth in Section 307(a) (Toxic Pollutants) of the Clean Water Act.
- 3.51 The District shall reserve the right to reject any wastes, in whole or in part, for any reason if determined to be detrimental to, or incompatible with, the collection and/or treatment system or process.
- 3.52 The District shall reserve the right to accept wastes in excess of Normal Domestic Waste concentration levels upon payment of a surcharge to cover the added costs of treating such waste.

4. Billing and Collection of Charges and Rates

- 4.1 The Board shall establish, and revise as necessary, a Schedule of Rates and Fees
- 4.2 Bills and notices relating to the conduct of the business of the District will be mailed to the customer at the address listed on the application unless a change of address has been filed at the business office of The District, and the Board shall not otherwise be responsible for delivery of any bill or notice, nor will the customer be excused from non-payment of a bill or from any performance required in said notice.
- 4.3 Bills are due when rendered and delinquent after the twentieth (20th) day of the month the bill is received.
- 4.4 A penalty of 10% of the current balance, including any unpaid penalty charges, will be charged on all bills not paid by the twentieth (20th) day of the month.
- 4.5 Failure to receive bills or notices shall not prevent such bills from becoming delinquent nor relieve the customer from payment.
- 4.6 The District shall make all reasonable efforts to eliminate interruption of service and when such interruption occurs, shall endeavor to re-establish service with the shortest possible delay. Whenever the service is interrupted for purpose of working on the collection system or the treatment equipment, all customers affected by such interruption shall be notified in advance whenever it is possible to do so.
- 4.7 Any past due account may be certified to the county auditor for special assessment in September of each year. The District may remove sanitary sewer service, including disconnection from such service, if any charges, including penalties, remain unpaid.

5. Sewer Extensions

- 5.1 Sewer main extensions may be made by the Board provided that the prospects in the judgment of the Board are that the patronage or demand for sewage service will be sufficient or result in clear benefit to the community and will be of such permanency as to warrant the capital expenditure involved.
- 5.2 The Board may accept the offer of any developer to construct at his or their sole cost and expense and to donate to The District any sewer main extensions upon the following conditions and in the following numerical order.

- 5.2.1 That detailed plans and specifications for said construction project be submitted to The District for approval and to all other necessary regulatory agencies for approval. Written proof of approval of all necessary regulatory agencies must be given to The District and approval of The District obtained prior to commencement of construction.
- 5.2.2 That The District be notified in writing, prior to commencement of construction and that The District be afforded the opportunity at all times to inspect the project during construction.
- 5.2.3 That upon completion of construction of such project, a certificate be filed with The District by an Ohio registered engineer certifying that said project shall have been constructed in accordance with the plans and specifications theretofore filed with The District.
- 5.2.4 That a written tender of donation of said sewer main extensions be presented to the Board, together with a Performance Bond of the contractor in such amount and with such sureties acceptable to The District indemnifying and protecting The District against imperfections in material, equipment, and workmanship which may become apparent during the period of one year subsequent to the date of presentation of such tender and acceptance by The District, and further providing that the donor shall, at his or its expense, remove and replace in whole or in part any such work, material, and equipment which may prove defective or unsuitable for the service performed or to be performed and/or which may show unreasonable deterioration within said period upon the written demand and to the full satisfaction of The District.
- 5.3 In case a developer shall offer to construct, at the developer's sole cost and expense and to donate to The District any sewer main extensions necessary to serve the proposed customer or customers as described herein, but The District 's extension plans require a larger main than required for the developer's main extension, The District may enter into a purchase agreement with the proposed donor or donors to purchase the oversized main, provided that the purchase price shall not be paid in whole, or in part until said construction shall have been fully completed and accepted by The District under the same terms and conditions described in Section 5.2 above, as if said sewer main were a fully donated sewer.
- 5.4 The purchase price shall not exceed the difference in cost between the larger pipe size installed and the pipe size required to provide the service. Any costs to The District referred to in this paragraph may be determined from actual bids received by The District or may be computed by applying the actual average costs (not reflecting unusual costs incident to special

construction) experienced by The District during the preceding 12 month period plus or minus any amount necessary to adjust for known cost increases or decreases, respectively.

5.5 Required Connection with Sewage System

- 5.5.1 The District shall take all actions or proceedings necessary and proper to require connection to the The District sewage system of all property within the District after the effective date of this RESOLUTION, where sewage is discharged for any and all purposes except as provided in Section 5.5.2.
- 5.5.2 In the event The District deems it inadvisable to extend sewer mains to the real estate upon which such construction is started as described above, because of the cost of such extension in relation to the revenue anticipated to be received from customers to be served thereby, the provisions of Section 5.5 will not apply. However, it shall be the intent of this RESOLUTION, insofar as possible, to cause all such property to be connected with the The District sewer system.
- 5.5.3 In the event such additional wastes will cause an overloaded condition to the treatment system whereby the treatment system shall not be able to properly treat the wastes of the District, then said additional wastes shall not be allowed to enter the system until such time that provision for their proper treatment has been made.

6. Penalties

- 6.1 Any person found violating any provision of this RESOLUTION shall be served by The District with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.
- 6.2 The District will enforce by mandamus, injunction, or other legal remedy these rules and regulations, and will remove any harmful or improper construction or obstruction or will close any opening or connection made improperly or in violation of these rules and regulations, under authority provided in the Ohio Revised Code.
- 6.3 Any person violating any of the provisions of this RESOLUTION shall become liable to The District for any expense, loss, or damage occasioned The District or downstream users by reason of such violation.

- 6.4 The District shall have full power to invoke any authorized legal, equitable or special remedy for the enforcement of this RESOLUTION.
- 6.5 The District shall have full power to invoke immediate actions to correct any condition which presents an immediate threat to the health, safety or welfare of The District employees or users of the wastewater collection and treatment systems, including but not limited the disconnection from such sewer service.

7. Severability and Repealing Conflicting Resolutions

- 7.1 If any provision, paragraph, word, section or article of this RESOLUTION is invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, word, sections and chapters shall not be affected and shall continue in full force and effect.
- 7.2 All other RESOLUTION'S or parts of other RESOLUTION'S inconsistent or conflicting with any part of this RESOLUTION are hereby repealed to the extent of such inconsistency or conflict.

8. Effective Date

- 8.1 This RESOLUTION shall be in full force and effect from and after its passage, approval, and publication according to the Laws of the State of Ohio.

Passed and adopted by the Board of The Palestine-Hollansburg Joint Sewer District, Palestine, Ohio, on this 25th day of July, 2017.

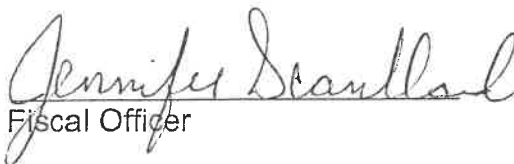


President



Vice President

Attest:


Fiscal Officer