

**RESOLUTION APPROVING WORK AUTHORIZATION WITH CT CONSULTANTS, INC. FOR THE ASHTABULA TOWNSHIP INDUSTRIAL AREA WASTEWATER TREATMENT FEASIBILITY STUDY, ACDES**

WHEREAS, Doug Starkey, Director of the Ashtabula County Department of Environmental Services, has presented a Work Authorization for the approval of the Board, to-wit:

**Provider:** CT Consultants, Inc., 8150 Sterling Court, Mentor, OH 44060

**Project:** Prepare a feasibility study for a publicly-owned pump station or treatment facility in the industrial area of Ashtabula Township, per attached Scope of Services

**Cost:** Not to Exceed, \$27,000.00

**Term:** Begin upon signing

THEREFORE, BE IT RESOLVED, By the Board of Commissioners of Ashtabula County, Ohio, that the Work Authorization outlined above is hereby approved in accordance with the copy on file in this office.

BE IT FURTHER RESOLVED that the President of the Board, on behalf of the Board of Commissioners of Ashtabula County, is authorized to execute any and all necessary documents.

**ASHTABULA COUNTY COMMISSIONERS  
CERTIFICATION PAGE**

**Resolution No. 2021-27SEWA**

**July 13, 2021**

**RESOLUTION APPROVING WORK AUTHORIZATION WITH CT CONSULTANTS,  
INC. FOR THE ASHTABULA TOWNSHIP INDUSTRIAL AREA WASTEWATER  
TREATMENT FEASIBILITY STUDY, ACDES**

**Upon the motion of Casey R. Kozlowski, seconded by J.P. Ducro IV.**

**VOTE:**

**Kathryn L. Whittington**

**Aye**

**J.P. Ducro IV**

**Aye**

**Casey R. Kozlowski**

**Aye**

**CERTIFICATE OF CLERK**

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of a resolution acted upon and duly passed by the Board of County Commissioners of Ashtabula County, Ohio, on the date noted above.



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Crystal Sturgill, Clerk of the Board, *Acting clerk*  
Board of County Commissioners  
Ashtabula County, Ohio



# Work Authorization

Since 1922

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<b>Name</b>	Ashtabula County Department of Environmental Services 25. W. Jefferson Street Jefferson, Ohio 44047	<b>Date:</b> July 7, 2021 <b>Attn:</b> Mr. Douglas Starkey <b>Telephone:</b> (440) 576-3725 <b>E-mail</b>	<b>W.A.No.</b>  <b>Fax:</b> (440) 576-3781 <b>Web Address:</b>
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**Project Title** – Ashtabula Township Industrial Areas  
Wastewater Treatment Feasibility Study

**Project Description** – See attached Scope of Study.

**Project Location** – approximately 2700 Lake Road,  
Ashtabula Township

**Invoicing Instructions** – Hourly not-to-exceed fee of  
\$27,000 in accordance with Agreement for Professional  
Services dated September 14, 1999 and the attached  
2021 Rate Schedule.

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**NO WORK SHALL PROCEED UNTIL SIGNED WORK AUTHORIZATION IS RETURNED BY THE OWNER.**

**TERMS:**

Invoices will be rendered for work performed in the preceding month and are due and payable within thirty (30) days after presentation. Cancellation of this contract presupposes payment for work already completed. Balances thirty (30) days past due shall bear finance charges at the legal rates permitted.

**ACCEPTANCE**

Upon the authorized signature of both parties to this contract, they agree to the above prices, specifications and conditions as satisfactory. Payments will be made as outlined above and work can proceed.

**ASHTABULA COUNTY**

By   
\_\_\_\_\_  
President, Board of County Commissioners

Date Accepted 7-13-21

**CT CONSULTANTS, INC.**

Digitally signed by:  
Shawn Aiken  
  
\_\_\_\_\_  
Shawn R Aiken, P.E.

Date 7/7/21

Please sign and return one copy to our office.

R:\CO\_ASHTABULA\Ashtabula Co. San Engr\Envdiv\Work Authorizations\2020\EMC WWTP And SAN\ASHBCO Work Authorization EMC WWTP.Docx

8150 Sterling Court | Mentor, Ohio 44060  
phone: 440.951.9000 | fax: 440.951.7486 | www.ctconsultants.com

## Scope of services for an Ashtabula Township Industrial Wastewater Treatment Feasibility Study

July 7, 2021

1. Prepare a Feasibility Study for a publically-owned pump station or treatment facility in the industrial area of Ashtabula Township.
  - a. Meet with each of the 5 potential initial participants (stakeholders) to gather the following information.
    - i. Description of the type/condition/limitations of the existing wastewater system
    - ii. Present and future estimates of flow by category
    - iii. Present and future land use
    - iv. Critical issues for each stakeholder
  - b. The anticipated stakeholders are:
    - i. EMC
    - ii. ASHTA Chemicals
    - iii. Linde/Praxair
    - iv. Cleveland Industrial Recycling
    - v. Ashtabula County Port Authority(It is understood that USALCO has a septic system and is unlikely to participate)
2. Prepare a letter to Ohio EPA to seek written input regarding several issues including:
  - a. Transfer of the existing NPDES permit to Ashtabula County.
  - b. Disposition of the existing waste load allocation.
  - c. Any need for an Anti-degradation review.
  - d. The suitability of the existing outfall.
  - e. The acceptability of the existing collection system remaining in place and remaining privately owned, but discharging to a publically owned treatment facility.
3. Utilizing the information gathered from phases 1 and 2, develop four concepts:
  - a. Publically owned pump station pumping to Ashtabula City WWTP and privately owned collection system(s)
  - b. Publically owned pump station pumping to Ashtabula City WWTP and publically owned collection system
  - c. Publically owned treatment facility and privately owned collection system(s)
  - d. Publically owned treatment and publically owned collection system
4. Develop a planning-level financing outline for each concept. The outline will include likely sources of loans (and grants if available), and the rate structure necessary to support the associated debt.
5. Conduct a joint meeting with all stakeholders to present the results of the study and answer questions. It is anticipated that the stakeholders will then utilize the information developed in this Feasibility Study to compare to other options they may have (such as individual treatment facilities).

### **Additional Services:**

- A. Undertake research, field work or other studies to ascertain the presence and extent of legacy environmental issues which may affect the project.
- B. Studies of the existing collection system including: condition assessment, inflow and infiltration quantification, etc.
- C. Research regarding or writing of easements.
- D. Develop estimates of current or future flows from users or properties other than those listed above.
- E. Consider issues related to the current City-County sewer agreement.
- F. Consider treatment options other than conventional extended aeration with ultraviolet disinfection. If, for example, more sophisticated processes are necessary to treat non-domestic wastewater.
- G. Develop an Ohio EPA format Facilities Plan for the proposed collection and treatment system.

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