

# **INVITATION TO BID**

## **Vacuum Box Rental and Services**

**DELAWARE COUNTY, OHIO**

**CONTRACTING AUTHORITY:**

**DELAWARE COUNTY BOARD OF COMMISSIONERS**

**Jeff Benton**

**Barb Lewis**

**Gary Merrell**

**CONTRACT ADMINISTRATOR:**

**DELAWARE COUNTY SANITARY ENGINEER**

**Tiffany Maag, P.E.**

50 Channing Street  
Delaware, OH 43015  
Phone: (740) 833-2240

# BID DOCUMENTS

## Vacuum Box Rental and Services

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## **Legal Notice Invitation to Bid**

The Delaware County Commissioners are seeking competitive bids from contractors for a one (1) year contract with two optional one-year extensions for providing vacuum box rental and related services on an as-needed basis for wastes removed from sewers and wastewater treatment facilities. Bids will be received at the Delaware County Sanitary Engineer's Office, 50 Channing Street, Delaware, Ohio 43015, until **2:00 p.m. on Friday, May 26, 2023**. At that time, bids will be opened and read aloud.

The bids must be made on the forms provided in the Contract Documents or a copy thereof and shall contain the full name and address of the bidder. All bids shall be sealed and plainly marked "SEALED BID FOR VACUUM BOX RENTAL AND SERVICES."

This public notice and the complete Invitation to Bid are posted on the internet and may be viewed on Delaware County's web page at <http://www.co.delaware.oh.us> under the heading Public Notices and Bids or may be obtained from the Delaware County Regional Sewer District web page at <https://regionalsewer.co.delaware.oh.us/bids/>.

Any bid submitted shall be accompanied by a certified check, cashier's check, or money order on a solvent bank or savings and loan association in the amount of Five Hundred Dollars (\$500.00), conditioned that the bidder, if the bidder's bid is accepted, shall execute a contract in conformity to this invitation and the bid.

No bids shall be withdrawn for a period of sixty (60) days after the opening thereof. Awarding of the contract shall be to the Lowest and Best bidder as determined by the Delaware County Board of Commissioners in the best interest of the County. The Board reserves the right to waive irregularities and to reject any or all bids.

Questions about the bid shall be directed in writing to Julie McGill via email at [jmcgill@co.delaware.oh.us](mailto:jmcgill@co.delaware.oh.us).

Delaware Gazette Advertisement Date:  
Saturday, May 6, 2023

# SPECIFICATIONS

## Vacuum Box Rental and Services

Delaware County, Ohio

### GENERAL

This contract is a one (1) year agreement to provide vacuum box rental and related services at stated unit prices listed in the bid blank when requested by the Owner, defined as the Delaware County Board of Commissioners or the Delaware County Regional Sewer District (collectively known as "County"). The agreement includes the option to extend the length of the contract for up to two (2) additional one (1) year terms if mutually agreed in writing by both Owner and Contractor.

The Bidder (the term "Bidder" is used herein to refer to prospective contractors and may be used interchangeably with the term "Contractor" herein) agrees to provide vacuum box rental and services under this contract promptly as requested by the Owner. Time and date of the service will be scheduled by and at the convenience of the County. Failure to respond within 24 hours of a request or perform within the time and manner specified by the Owner shall be documented by the County and may be cause to deny any future contract award under Lowest and Best bidder consideration.

In addition to vacuum box rental, the services to be provided are:

- 1) Transportation of vacuum boxes to and from the County's various wastewater treatment facilities and pump stations, and
- 2) Disposal of vacuum box contents at a facility permitted by the Ohio Environmental Protection Agency. The Contractor shall provide the name and address of the proposed receiving facility for DCRSD consideration on the Bid Form. If, for whatever reason, the stated receiving facility cannot accept the material, then the Contractor would be responsible for all costs associated with transporting the material to another location. The County's dump pad will not be available for disposal.

The materials for disposal will consist of liquid wastes and sludge removed from the County's sanitary sewers, pump station wet wells, and wastewater treatment facilities. **Appendix A** provides waste profiles of materials from the County's three major treatment facilities, the OECC grit pad, and the Maxtown and Leatherlips Pump Stations. The County will provide additional material testing if necessary for transportation and disposal.

Conditional bids with restrictions may be accepted or rejected at the discretion of the County.

### NON EXCLUSIVE AWARD

Due to the nature of the services required, in addition to not knowing in advance when services will be needed, the County reserves the right to accept all responsive bids submitted on or before the specified bid opening date and make an award to all responsive bidders. In the event that multiple contracts are awarded, the County will review a list of the multiple awarded vendors as the need arises, select what vendor best meets its requirements, and place an order with that awarded vendor. An award does not guarantee that your company will receive a purchase order during the term of this contract.

### QUANTITIES

The County rented 50 vacuum boxes in the last twelve months. The actual number of vacuum boxes needed over the contract duration will vary depending on operational needs. The County will not guarantee a minimum or maximum amount, nor shall the County be obligated to purchase a minimum amount or be limited to purchasing a maximum amount. The bid price shall apply to the actual amount of vacuum boxes and services that the County orders.

## **REQUIRED EQUIPMENT**

Contractor shall provide vacuum boxes with a minimum capacity of 3,000 gallons and all equipment necessary for delivery, pickup, and transportation. The vacuum boxes must have 6-inch camlock fittings, including a male camlock on one end of the box and female camlock on the other end of the box. The cost of such shall be included in the quoted bid price. The County shall provide all suction and discharge hoses, pumps, and connections for use with the vacuum boxes. By submitting a bid, the Contractor acknowledges that it has made itself familiar with the conditions in which the vacuum boxes can be off loaded and the equipment that is needed to perform such actions as required in the specifications.

## **SAFETY**

In an emergency affecting the safety of persons or property, the Contractor shall act with reasonable care and discretion, to prevent any threatened damage, injury, or loss. Contractor shall provide all necessary safety devices and personal protective equipment.

The Contractor shall be responsible for any damage to the County's equipment that is directly attributable to improper loading, offloading, and hauling practices. The Contractor shall provide prompt clean-up of any spills made during loading, offloading, and hauling at no additional cost to the County. The Contractor shall be responsible for any damage incurred to adjoining areas and or properties due to such spills or improper loading, offloading, and hauling practices. The Contractor will be responsible to report, as required, all spills and pay for all penalties and/or fines that are attributable to the Contractor's negligence.

## **REGULATORY REQUIREMENTS**

Contractor shall comply with requirements of all local, state, and federal regulating agencies for the Work as described in the contract documents.

## **PRICING**

The Contractor shall provide pricing for the bid items as detailed in the Bid Form. The stated unit costs are to be all-inclusive, including fuel, labor, materials, equipment, personal protective equipment, training, and insurance to provide the services as provided herein. Fuel surcharges shall not be permitted. Transportation hours shall be port-to-port. The County shall notify the Contractor at least one day in advance of the date each rental is to be complete and ready for pickup. No rental time shall be incurred for more than two days after the date each rental is ready for pickup.

**SAMPLE CONTRACT**

**VACUUM BOX RENTAL AND SERVICES**

This Agreement is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2023, by and between the Delaware County Board of Commissioners, Delaware County, Ohio, 91 North Sandusky Street, Delaware, Ohio 43015 (“County”), and \_\_\_\_\_ (“Contractor”), hereinafter collectively referred to as the “Parties”, and shall be known as the “Agreement.”

**1 SERVICES PROVIDED BY CONTRACTOR**

1.1 The Contractor will provide vacuum box rental and services in accordance with the Bid Documents issued for such purpose on May 5, 2023, which are, by this reference, fully incorporated herein (the “Services”).

**2 SUPERVISION OF SERVICES**

2.1 The Delaware County Board of Commissioners hereby designates the Delaware County Sanitary Engineer (“Sanitary Engineer”) as the agent of the County for this Agreement.

2.2 The Sanitary Engineer shall have authority to review and order changes, commencement, suspension or termination of the Services performed under this Agreement.

**3 AGREEMENT AND MODIFICATIONS**

3.1 This Agreement, and those documents incorporated by reference herein, shall constitute the entire understanding and agreement between the County and the Contractor, shall supersede all prior understandings and agreements relating to the Services, and may only be modified or amended in writing with the mutual consent and agreement of the Parties.

**4 COMPENSATION**

4.1 Compensation shall be based upon the unit price in Contractor’s Bid, which is, by this reference, fully incorporated herein.

**5 NOTICES**

5.1 “Notices” issued under this Agreement shall be served by U.S. Certified Mail on the Parties to the attention of the individuals listed below in writing. The Parties may use electronic communication for the purposes of general communication; however, e-mail shall not be used to transmit Notices.

County: Delaware County Regional Sewer District

Name: Ricky Thomas  
Address: 7767 Walker Wood Blvd., Lewis Center, Ohio 43035  
Telephone: (740) 833-2226 Ext. 5103  
Email: [rthomas@co.delaware.oh.us](mailto:rthomas@co.delaware.oh.us)

Contractor:  
Name of Principal in Charge: Insert name of principal  
Address of Firm: Street address including suite #, if any  
City, State, Zip: City, state, zip  
Telephone: Typed name

Email: email of project manager

## **6 PAYMENT**

- 6.1 Compensation shall be paid periodically, but no more than once per month, based on invoices submitted by the Contractor and approved by the Sanitary Engineer and shall be in accordance with the Contractor's Bid Price.
- 6.2 Invoices shall be submitted to the Sanitary Engineer by the Contractor on company letterhead clearly listing the word "Invoice" with a sequential invoice number provided. The County may request additional documentation to substantiate said invoices and the Contractor shall promptly submit documentation as needed to substantiate said invoices.
- 6.3 The County shall pay invoices within thirty (30) days of receipt.

## **7 SUSPENSION OR TERMINATION OF AGREEMENT**

- 7.1 The County, upon written Notice as specified in Section 5, may suspend or terminate this Agreement at any time for the convenience of the County, at which time the Contractor shall immediately suspend or terminate Services, as ordered by the County.
- 7.2 In the case of termination, the Contractor shall submit a final invoice within sixty (60) days of receiving Notice of termination for Services completed up to the date of termination. The County is not liable for payment for Services performed after the date of termination.
- 7.3 This Agreement shall expire one (1) year from the date of contract execution with the option to extend the length of the Agreement for up to two (2) additional one (1) year terms if mutually agreed in a writing signed by both Owner and Contractor.

## **8 INDEMNIFICATION**

- 8.1 The Contractor shall indemnify and hold free and harmless Delaware County and its officials and employees from any and all damages, injury, costs, expenses, judgments or decrees, or any other liabilities that they may incur as a result of bodily injury, sickness, disease or death or injury to or destruction of tangible property including the loss of use resulting therefrom, to the proportionate extent caused by any negligent acts, errors or omissions of the Contractor, its employees, agents, subcontractors, and their employees and agents' subcontractors and their employees or any other person for whose acts any of them may be liable.
- 8.2 The Contractor shall indemnify and hold free and harmless Delaware County and its officials and employees from any and all damages, injury, costs, expenses, judgments or decrees, or any other liabilities that they may incur as a result breach of contract, infringement of any right to use, possess, or otherwise operate or have any owned, protected, licensed, trademarked, patented, non-patented, and/or copyrighted software, product, service, equipment, invention, process, article, or appliance manufactured, used, or possessed in the performance of the Agreement and/or in providing the Services, to the extent caused by any act, error, or omission of the Contractor, its employees, agents, subcontractors, and their employees and agents' subcontractors and their employees or any other person for whose acts any of them may be liable.

## **9 INSURANCE**

- 9.1 General Liability Coverage: Contractor shall maintain commercial general liability insurance of \$1,000,000 each occurrence with an annual aggregate of \$2,000,000. Identical coverage shall be required to be provided by all subcontractors, if any.
- 9.2 Automobile Liability Coverage: Contractor shall maintain automobile liability insurance of \$1,000,000 each accident. Such coverage shall include coverage for owned, hired and non-owned automobiles. Identical coverage shall be required to be provided by all subcontractors, if any.

- 9.3 Workers' Compensation Coverage: Contractor shall maintain workers' compensation coverage as required by the laws of the State of Ohio. Identical coverage shall be required to be provided by all subcontractors, if any.
- 9.4 Additional Insureds: Delaware County, its elected officials and employees, shall be named as additional insureds with respect to all activities under this Agreement in the policies required by Subsections 9.1 and 9.2. Contractor shall require all of its subcontractors to provide like endorsements.
- 9.5 Proof of Insurance: Prior to the commencement of any work under this Agreement, Contractor, and all of its subcontractors, shall furnish the County with properly executed certificates of insurance for all insurance required by this Agreement. Certificates of insurance shall provide that such insurance shall not be cancelled without thirty (30) days prior written notice to the County. Contractor will replace certificates for any insurance expiring prior to completion of work under this Agreement.

## 10 MISCELLANEOUS TERMS AND CONDITIONS

- 10.1 Prohibited Interests: Contractor agrees that no agent, officer, or employee of the County during his/her tenure or for one year thereafter shall have any interest, direct or indirect, in this Agreement or the proceeds thereof. Contractor further agrees that it will not employ in any manner a current County employee for a minimum period of one (1) year from the completion date of this Agreement, without the prior express written consent of County.
- 10.2 Independent Contractor: The Parties acknowledge and agree that Contractor is acting as an independent contractor and that no agency, partnership, joint venture, or employment relationship has been or will be created between the Parties. Contractor also agrees that, as an independent contractor, Contractor assumes all responsibility for any federal, state, municipal, or other tax liabilities along with workers compensation, unemployment compensation, and insurance premiums that may accrue as a result of compensation received for services or deliverables rendered hereunder. **Contractor hereby certifies that it has five or more employees and that none of the employees are public employees for purposes of Chapter 145 of the Ohio Revised Code.**
- 10.3 Governing Law: This Agreement shall be governed by and interpreted in accordance with the laws of the State of Ohio. Any and all legal disputes arising from this Agreement shall be filed in and heard before the courts of Delaware County, Ohio.
- 10.4 Headings: The subject headings of the Sections and Subsections in this Agreement are included for purposes of convenience only and shall not affect the construction or interpretation of any of its provisions. This Agreement shall be deemed to have been drafted by both Parties and no purposes of interpretation shall be made to the contrary.
- 10.5 Waivers: No waiver of breach of any provision of this Agreement shall in any way constitute a waiver of any prior, concurrent, subsequent, or future breach of this Agreement or any other provision hereof. No term or provision of this Agreement shall be deemed waived, and no breach excused, unless such a waiver or consent is expressly made in writing and signed by the party claimed to have waived or consented. Such waiver shall not constitute and shall not in any way be interpreted as a waiver of any other term or provision or future breach unless said waiver expressly states an intention to waive another specific term or provision or future breach.
- 10.6 Severability: If any item, condition, portion, or section of this Agreement or the application thereof to any person, premises, or circumstance shall to any extent, be held to be invalid or unenforceable, the remainder hereof and the application of such term, condition, provision, or section to persons, premises, or circumstances other than those as to whom it shall be held invalid or unenforceable shall not be affected thereby, and this Agreement and all the terms, conditions, provisions, or sections hereof shall, in all other respects, continue to be effective and to be complied with.
- 10.7 Findings for Recovery: Contractor certifies that it has no unresolved findings for recovery pending or issued against it by the State of Ohio.



- 10.8 Authority to Sign: Any person executing this Agreement in a representative capacity hereby warrants that he/she has authority to sign this Agreement or has been duly authorized by his/her principal to execute this Agreement on such principal's behalf and is authorized to bind such principal.
- 10.9 County Policies: The Contractor shall adhere to all applicable Delaware County policies, including, but not limited to, the following: Discrimination Policy, Ethics Policy, and Contractor Safety Policy. The Contractor shall require any and all of its boards, board members, officers, officials, employees, representatives, agents, and/or volunteers performing work under this Agreement and/or for or on behalf of the County to comply with all applicable Delaware County policies and shall be responsible for such compliance. The County may, in its sole discretion, immediately terminate this Agreement for failure of the Contractor to comply with this Subsection. Copies of applicable policies are available upon request or online at <https://humanresources.co.delaware.oh.us/policies/>. The County reserves the authority to change, amend, replace, enact, repeal, and/or rescind any or all of the policies at any time and without notice.
- 10.10 Drug-Free Workplace: The Contractor agrees to comply with all applicable federal, state, and local laws regarding drug-free and smoke-free workplaces and environments and shall have established and have in place a drug-free workplace policy. The Contractor shall make a good faith effort to ensure that all of its employees and subcontractors engaged in the work being performed hereunder will not purchase, transfer, use, or possess illegal drugs or alcohol, or abuse prescription drugs.
- 10.11 Non-Discrimination/Equal Opportunity: Contractor hereby certifies that, in the hiring of employees for the performance of work under this Agreement or any subcontract, that neither it nor any subcontractor, by reason of race, color, religion, sex, age, disability as defined in section 4112.01 of the Revised Code, national origin, or ancestry, shall discriminate against any citizen of this state in the employment of a person qualified and available to perform the work to which the Agreement relates.

Contractor further certifies that neither it nor any subcontractor, or person acting on behalf of it or any subcontractor, in any manner, shall discriminate against, intimidate, or retaliate against any employee hired for the performance of work under this Agreement on account of race, color, religion, sex, age, disability as defined in section 4112.01 of the Revised Code, national origin, or ancestry.

Contractor certifies that it has a written affirmative action program for employment and effectively utilizes economically disadvantaged persons, as referred to in division (E)(1) of section 122.71 of the Revised Code.

Contractor certifies that it complies with all applicable laws regarding Non-Discrimination / Equal Opportunity and will not discriminate.

*(The remainder of this page is left intentionally blank.)*

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement.

**INSERT NAME OF CONTRACTOR**

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name of Principal

\_\_\_\_\_  
Business Title

**BOARD OF COUNTY COMMISSIONERS  
OF DELAWARE COUNTY, OHIO**

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Jeff Benton, President  
Pursuant to Resolution No. 11-137 and  
Resolution No. 23-\_\_\_\_\_

Approved as to Form:

\_\_\_\_\_  
General Counsel, Board of Commissioners  
Delaware County, Ohio

# Notice of Award

Dated \_\_\_\_\_

Project: Vacuum Box Rental and Services	Owner: Delaware County Board of Commissioners	Owner's Contract No.:
Contract:		Engineer's Project No.:
Bidder:		
Bidder's Address: (send Certified Mail, Return Receipt Requested)		

You are notified that your Bid dated \_\_\_\_\_ for the above Contract has been considered. You are the Successful Bidder and are awarded a Contract for Vacuum Rental and Services.

The Contract Price is as follows, **to be provided under the terms of the contract and specifications** (see attached page 16 of the Bid Documents):

- Vacuum box rental \$ \_\_\_\_\_ /DAY
- Vacuum box transportation \$ \_\_\_\_\_ /HOUR
- Disposal of vacuum box contents \$ \_\_\_\_\_ /GALLON

There will not be a total maximum or minimum amount of services purchased for the duration of the contract.

You must comply with the following conditions precedent within [15] days of the date you receive this Notice of Award.

1. Deliver to the Owner three (3) fully executed CONTRACTS.
2. Deliver PROOF OF INSURANCE, WITH PROPERLY EXECUTED ENDORSEMENTS

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award and declare your Bid security forfeited.

Within ten days after you comply with the above conditions, Owner will return to you one fully executed counterpart of the Contract Documents.

\_\_\_\_\_  
 DELAWARE COUNTY  
 Owner

By: \_\_\_\_\_  
 Authorized Signature

\_\_\_\_\_  
 SANITARY ENGINEER  
 Title

Copy to: Sanitary Engineer, Tiffany Maag and \_\_\_\_\_

# Notice to Proceed

Dated \_\_\_\_\_

Project: Vacuum Box Rental and Services	Owner: Delaware County Board of Commissioners	Owner's Contract No.:
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Contract: Vacuum Box Rental and Services	Engineer's Project No.:
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Contractor: \_\_\_\_\_

Contractor's Address: [send Certified Mail, Return Receipt Requested]

\_\_\_\_\_

\_\_\_\_\_

You are notified that the Contract Times under the above contract will commence to run on \_\_\_\_\_. On or before that date, you are to start performing your obligations under the Contract Documents. In accordance with the Contract Documents, the date of Completion is \_\_\_\_\_ with the option to extend the length of the Agreement for up to two (2) additional one (1) year terms if mutually agreeable by both Owner and Contractor.

Also, before you may start any Work at the Site, you must [add other requirements]: Coordinate removal and offloading with onsite staff.

\_\_\_\_\_  
(Contractor)  
Received by:

\_\_\_\_\_  
Owner

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Date

Copy to: Sanitary Engineer, Tiffany Maag and \_\_\_\_\_

# Change Order

No. \_\_\_\_\_

Date of Issuance: \_\_\_\_\_ Effective Date: \_\_\_\_\_

Project: Vacuum Box Rental and Services	Owner: Delaware County Board of Commissioners	Owner's Contract No.:
Contract:		Date of Contract:
Contractor:		Engineer's Project No.:

**The Contract Documents are modified as follows upon execution of this Change Order:**

Description:

\_\_\_\_\_

\_\_\_\_\_

Attachments: (List documents supporting change):

\_\_\_\_\_

\_\_\_\_\_

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price:  \$ _____	Original Contract Times: <input type="checkbox"/> Working days <input type="checkbox"/> Calendar days Substantial completion (days or date): _____ Ready for final payment (days or date): _____
[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____:  \$ _____	[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____: Substantial completion (days): _____ Ready for final payment (days): _____
Contract Price prior to this Change Order:  \$ _____	Contract Times prior to this Change Order: Substantial completion (days or date): _____ Ready for final payment (days or date): _____
[Increase] [Decrease] of this Change Order:  \$ _____	[Increase] [Decrease] of this Change Order: Substantial completion (days or date): _____ Ready for final payment (days or date): _____
Contract Price incorporating this Change Order:  \$ _____	Contract Times with all approved Change Orders: Substantial completion (days or date): _____ Ready for final payment (days or date): _____

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: _____ Engineer (Authorized Signature)	By: _____ Owner (Authorized Signature)	By: _____ Contractor (Authorized Signature)
Date: _____	Date: _____	Date: _____
Approved by Funding Agency (if applicable): _____	_____	Date: _____

# Change Order Instructions

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## A. GENERAL INFORMATION

**This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.**

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

## B. COMPLETING THE CHANGE ORDER FORM

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both.

Once Engineer has completed and signed the form, all copies should be sent to Owner or Contractor for approval, depending on whether the Change Order is a true order to the Contractor or the formalization of a negotiated agreement for a previously performed change. After approval by one contracting party, all copies should be sent to the other party for approval. Engineer should make distribution of executed copies after approval by both parties.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.

# Work Change Directive

No. \_\_\_\_\_

Date of Issuance: \_\_\_\_\_ Effective Date: \_\_\_\_\_

Project: Vacuum Box Rental and Services	Owner: Delaware County Board of Commissioners	Owner's Contract No.:
Contract:		Date of Contract:
Contractor:		Engineer's Project No.:

**You are directed to proceed promptly with the following change(s):**

Item No.	Description

**Attachments (list documents supporting change):**

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**Purpose for Work Change Directive:**

- Authorization for Work described herein to proceed on the basis of Cost of the Work due to:
- Non-agreement on pricing of proposed change.
- Necessity to expedite Work described herein prior to agreeing to changes on Contract Price and Contract Time.

**Estimated change in Contract Price and Contract Times:**

Contract Price \$ \_\_\_\_\_ (increase/decrease)      Contract Time \_\_\_\_\_ days (increase/decrease)

If the change involves an increase, the estimated amounts are not to be exceeded without further authorization.

Recommended for Approval by Engineer:	Date
Authorized for Owner by:	Date
Accepted for Contractor by:	Date
Approved by Funding Agency (if applicable):	Date:

**BID BLANK**

**Vacuum Box Rental and Services**

Delaware County, Ohio

<b>Item No.</b>	<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Vacuum Box Capacity (gallons)*</b>
1	Vacuum Box Rental (includes box clean out)	1	DAY	\$	
2	Vacuum Box Transportation (includes driver and truck)	1	HOUR	\$	
3	Disposal of Vacuum Box Contents	1	GALLON	\$	

\* If multiple vacuum box sizes are being offered, use multiple bid forms

Name and address of proposed receiving facility for disposal: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**CERTIFICATION OF BID**

I, authorized contracting principal or agent of the Bidder do hereby certify that the Bidder will conform to the foregoing requirements of the bid and will furnish, at the listed unit prices, all chemicals ordered by Delaware County in accordance with required specifications.

Print Clearly or Type:

---

Bidder (Company)

---

Address

---

City State Zip

---

Telephone Fax

---

Printed Name and Job Title of Authorized Principal or Agent

---

Signature

**LIST OF SUBCONTRACTORS**

**BIDDER NAME** \_\_\_\_\_

**SUBCONTRACTORS (USE ADDITIONAL PAPER IF NECESSARY)**

<b>Company Name</b>	<b>Address</b>	<b>Telephone #</b>	<b>Contact Person</b>	<b>Email</b>

## EXPERIENCE RECORD

(TO BE SUBMITTED WITH THE BID)

The Bidder is required to state the character of previous work, give references, and such other detailed information as will enable the OWNER to determine responsibility, including experience, skill, and financial standing. Projects listed shall be for OWNERS other than this Project.

OWNER: \_\_\_\_\_ STREET: \_\_\_\_\_

CONTACT: \_\_\_\_\_ CITY: \_\_\_\_\_

PHONE: (\_\_\_\_) \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

COST OF PROJECT: \_\_\_\_\_

OWNER: \_\_\_\_\_ STREET: \_\_\_\_\_

CONTACT: \_\_\_\_\_ CITY: \_\_\_\_\_

PHONE: (\_\_\_\_) \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

COST OF PROJECT: \_\_\_\_\_

OWNER: \_\_\_\_\_ STREET: \_\_\_\_\_

CONTACT: \_\_\_\_\_ CITY: \_\_\_\_\_

PHONE: (\_\_\_\_) \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

COST OF PROJECT: \_\_\_\_\_

\*(USE ADDITIONAL COPIES OF THIS FORM AS REQUIRED)

**AFFIDAVIT OF CONTRACTOR OR SUPPLIER OF NON-DELINQUENCY  
OF PERSONAL PROPERTY TAXES**

**O.R.C. 5719.042**

STATE OF OHIO

ss:

COUNTY OF DELAWARE

TO: Delaware County Commissioners

The undersigned, being first duly sworn, having been awarded a contract by you for the Vacuum Box Rental and Services hereby states that we were not charged at the time the bid was submitted with any delinquent personal property taxes on the general tax list of personal property of any county in which you as a taxing district have territory and that we were not charged with delinquent personal property taxes on any such tax list.

In consideration of the award of the above contract, the above statement is incorporated in said contract as a covenant of the undersigned.

\_\_\_\_\_  
Affiant

Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

**NON-DISCRIMINATION CLAUSE**

In the performance of this and all Contracts, the Contractor will be bound by the following *Non-Discrimination Clause*, by this reference hereby made a binding condition of the Contract:

1. The Contractor will not discriminate against any employee or applicant for employment because of **race, creed, color or national origin or physical or mental handicap**. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their **race, creed, color, national origin or physical or mental handicap**. Such actions shall include, but not be limited to, the following: **employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rate of pay or other forms of compensation; and selection or training, including apprenticeship**. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Contracting Officer setting forth the provisions of this *Non-discrimination Clause*.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applications will receive consideration for employment without regard to **race, color, creed, national origin, or physical or mental handicap**.
3. The Contractor further affirms that he will incorporate or cause to be incorporated into any construction subcontract, the regulations on **Equal Employment Opportunity** during the performance of this Contract.

By: \_\_\_\_\_  
Signature

(SEAL – if by a corporation)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Business Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip

**NON-COLLUSION AFFIDAVIT**

STATE OF OHIO, COUNTY OF DELAWARE: ss

\_\_\_\_\_, being first duly sworn, deposes and states that he/she is the \_\_\_\_\_ of \_\_\_\_\_, the party making the foregoing **Proposal or Bid**; that such **Bid** is genuine and not a collusive sham; that said bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham bid, or that such other person shall refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the price of affiant or any other bidder, or to fix any overhead profit or cost element of said bid price, or of that of any other bidder, or to fix any overhead, profit or cost element of said bid price, or of that of any other bidder, or to secure any advantage against the **Delaware County Board of Commissioners**, or any person or persons interested in the proposed **Contract**, and that all statements contained in said **Proposal or Bid** are true; and further, that such bidder has not, directly or indirectly, submitted this **Bid**, or the contents thereof, or divulged information or data relative thereto any association or to any member or agent thereof.

\_\_\_\_\_  
Affiant

Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

**CERTIFICATION REGARDING  
DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 13 CFR Part 145. The regulations were published as Part VII of the May 26, 1988 *Federal Register* (pages 19160-19211).

**(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON  
FOLLOWING PAGE)**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name of Vendor: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_  
(Name and Title of Authorized Representative)

\_\_\_\_\_  
(Signature of Authorized Representative)





**CERTIFIED COPY OF CORPORATE RESOLUTION**

\_\_\_\_\_  
(Name of Company)

I hereby certify that I am the duly elected and acting Secretary of \_\_\_\_\_

\_\_\_\_\_  
a Corporation duly organized and existing under the laws of the State of \_\_\_\_\_;

that on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the board of directors of

said Corporation authorized and approved a certain proposal to the Delaware County Board of

Commissioners (owner) for the construction of certain improvements for \_\_\_\_\_

\_\_\_\_\_  
(insert name of project)

by said Corporation and any Contract resulting therefrom and empowered the \_\_\_\_\_

\_\_\_\_\_  
(insert title of officer)

of said Corporation to execute said proposal and Contract for and in behalf of said Corporation; that said

authority is not contrary to any provision in the articles of incorporation or code of regulations or code

of bylaws of said Corporation; that said authority has not been rescinded or modified; and that \_\_\_\_\_

\_\_\_\_\_ is the duly elected and acting \_\_\_\_\_

\_\_\_\_\_ of said Corporation.

(insert title of officer)

IN WITNESS WHEREOF, I have hereunto subscribed my name on \_\_\_\_\_

\_\_\_\_\_, 20 \_\_\_\_\_.

\_\_\_\_\_  
Secretary

## **Appendix A: Analysis of the Materials**



## ANALYTICAL REPORT

Lab Project # L20-11498

 ACWRF - Delaware County  
 Attn: Kevin Brutchey  
 10333 Olentangy River Rd.  
 Powell, Oh 43065

 Received: 02/20/2020  
 Reported: 03/04/2020  
 Date/Time Sampled: 02/19/2020 08:00  
 Sampled By: TB  
 Sampled Matrix: Sludge  
 Containers: 1

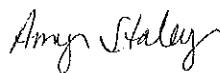
Project Name: ACWRF

Sample ID: Belt Press

Lab Sample # L20-11498-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Paint Filter	*	Y/N		SW-9095	MS		02/24/2020
	Pass						
Sulfur	8220	mg/Kg dry	813	ASTM D-129/ SW 9056	JMT		02/25/2020
Total Solids	12	%	0.10	SM-2540 G	TNS		02/23/2020
Arsenic, TCLP	<0.50	mg/L	0.50	SW-6010B	AOP		02/24/2020
Barium, TCLP	0.13	mg/L	0.10	SW-6010B	AOP		02/24/2020
Cadmium, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		02/24/2020
Chromium, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		02/24/2020
Lead, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		02/24/2020
Selenium, TCLP	<0.50	mg/L	0.50	SW-6010B	AOP		02/24/2020
Silver, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		02/24/2020
Mercury, TCLP	<0.020	mg/L	0.020	SW-7470A	BRM		02/24/2020
Chlordane, TCLP	<0.00125	mg/L	0.00125	SW-8081B	BG	02/24/2020	02/24/2020
Endrin, TCLP	<0.00050	mg/L	0.00050	SW-8081B	BG	02/24/2020	02/24/2020
Heptachlor Epoxide, TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	02/24/2020	02/24/2020
Heptachlor, TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	02/24/2020	02/24/2020
Lindane (Gamma-BHC), TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	02/24/2020	02/24/2020
Methoxychlor, TCLP	<0.0025	mg/L	0.0025	SW-8081B	BG	02/24/2020	02/24/2020
Toxaphene, TCLP	<0.0125	mg/L	0.0125	SW-8081B	BG	02/24/2020	02/24/2020
(Surrogate) TCMX	46.5 (0.8 - 111.2)	%		SW-8081B	BG	02/24/2020	02/24/2020
(Surrogate) DCB	52.5 (5.9 - 108.4)	%		SW-8081B	BG	02/24/2020	02/24/2020
2-methylphenol (o-Cresol), TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	02/24/2020	02/24/2020
3&4-methylphenol (m&p-Cresol), TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	02/24/2020	02/24/2020
Pentachlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	02/24/2020	02/24/2020

Analysis Certified By:





ANALYTICAL REPORT

Lab Project # L20-11498

ACWRF - Delaware County  
 Attn: Kevin Brutchey  
 10333 Olentangy River Rd.  
 Powell, Oh 43065

Received: 02/20/2020  
 Reported: 03/04/2020  
 Date/Time Sampled: 02/19/2020 08:00  
 Sampled By: TB  
 Sampled Matrix: Sludge  
 Containers: 1

Project Name: ACWRF

Sample ID: Belt Press

Lab Sample # L20-11498-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
2,4,5-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	02/24/2020	02/24/2020
2,4,6-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	02/24/2020	02/24/2020
2,4-Dinitrotoluene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Hexachlorobutadiene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Hexachlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Hexachloroethane, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Nitrobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Pyridine, TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	02/24/2020	02/24/2020
1,4-Dichlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
(Surrogate) 2-Fluorophenol	48.8	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(D-102.5)						
(Surrogate) Phenol d6	48.7	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(D-99.1)						
(Surrogate) Nitrobenzene d5	58.0	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(18.0-106.7)						
(Surrogate) 2-Fluorobiphenyl	66.5	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(32.5-94.6)						
(Surrogate) 2,4,6-Tribromophenol	66.1	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(D-142.0)						
(Surrogate) p-Terphenyl-d14	47.7	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(26.7-110.5)						
Benzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Carbon Tetrachloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Chlorobenzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Chloroform, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
1,2-Dichloroethane, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
1,1-Dichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020

Analysis Certified By: Amy Staley



**ANALYTICAL REPORT**

ACWRF - Delaware County  
Attn: Kevin Brutchey  
10333 Olentangy River Rd.  
Powell, Oh 43065

**Lab Project #** L20-11498  
**Received:** 02/20/2020  
**Reported:** 03/04/2020  
**Date/Time Sampled:** 02/19/2020 08:00  
**Sampled By:** TB  
**Sampled Matrix:** Sludge  
**Containers:** 1


**Project Name:** ACWRF

**Sample ID:** Belt Press

**Lab Sample #** L20-11498-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Methyl Ethyl Ketone (2-Butanone), TCLP	<1.00	mg/L	1.00	SW-8260B	MS		02/25/2020
Tetrachloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Trichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Vinyl Chloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
(Surrogate) 1,2-Dichloroethane d4	107.8 (82.3-132.6)	%		SW-8260B	MS		02/25/2020
(Surrogate) Toluene d8	99.3 (87.5-126.9)	%		SW-8260B	MS		02/25/2020
(Surrogate) 4-Bromofluorobenzene	115.1 (73.2-124.3)	%		SW-8260B	MS		02/25/2020
TCLP extraction	*	Y/N		SW-1311	CTL		02/21/2020
Zero Headspace TCLP Extraction	*	Y/N		SW-1311	MS		02/24/2020
2,4-Dichlorophenoxyacetic acid (2,4-D), TCLP	<0.04	mg/L	0.04	SW-8151	A-MAR	02/22/2020	03/01/2020
Silvex, TCLP	<0.04	mg/L	0.04	SW-8151	A-MAR	02/22/2020	03/01/2020
(Surrogate) DCAA	118 (58-132)	%		SW-8151	A-MAR	02/22/2020	03/01/2020

Analysis Certified By: \_\_\_\_\_





WARRANTY INFORMATION

Project: L20-11498



This is a legal document that authorizes Alloway to perform testing on samples submitted under this agreement.

Report To:

DELAWARE COUNTY  
ALUM CREEK WATER RECLAMATION FACILITY  
7767 WALKER WOOD BLVD  
LEWIS CENTER OH 43035  
740 - 833 - 2226  
740 - 833 - 2274

Invoice To (if Different):

Company:  
Address:

Phone #:

Fax #:

E-mail:

PO#:

Project Name: ACURF

Customer: TIM BENNET

(Signature) *Walter K. Babbey*

Next Day  Working Days  Routine

2 Working Days

5 Working Days

Sampler	Sample ID / Sample Location	Sample Date	Sample Time	Composite	Grab	Matrix Code	Number of Containers	Preservation Code #	Analysis Required	Alloway LIMS # For Lab Use Only
1	BELT PRESS	2-19-20	0800	X		SG	1	1	TECP, BERA METALS, TECP SVCS'S PAINT FILTER, SULFUR (DRY WEIGHT) TECP LEADINGS & PAST. (per Jeff)	051
2										
3										
4										
5										
6										
7										
8										

Relinquished by:

*Walter K. Babbey*

Received by:

*J. Jang*

Date

2-20-20

Time

10:05

Method of Delivery

UPS

Matrix Codes:

vw - wastewater  
gw - groundwater  
dw - drinking water  
sw - surface water  
w - water  
oil - oil  
s - solid  
sg - sludge  
l - leachate  
a - acid  
p - product  
o - other

Preservation Codes:

1 - None  
2 - HNO<sub>3</sub>  
3 - H<sub>2</sub>SO<sub>4</sub>  
4 - HCl  
5 - NaOH  
6 - NaOH & Zinc Acetate  
7 - Sodium Thiosulfate  
8 - Ascorbic Acid  
9 - Maleic Acid  
10 - EDTA  
11 - Ammonium Chloride  
12 - (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> & NH<sub>4</sub>OH  
13 - Zinc Acetate  
14 - Sodium Sulfite  
15 - Potassium Dihydrogen Citrate  
16 - Sodium Sulfite/Sodium Bisulfite

Sample Receiving (For Lab Use Only)

Yes Present?  No   
Proper Preservation?  No   
Container Temperature: *MINUS*

Received for Laboratory By: (circle one) Mansfield

Lima

Marion

2-20-20

14:45

Received By: *Walter K. Babbey*

Time: 2/20/20

Date: 2/20/20

Time: 10:55

Date: 2/20/20

Time: 10:55

Transported to: Lima  
Marion

Transported to: *Marion*  
Marion

By:

*J. Jang*

Received By: *Walter K. Babbey*

Time: 2/20/20

Date: 2/20/20

Time: 10:55

Date: 2/20/20

Time: 10:55



## ANALYTICAL REPORT

**Lab Project #** L20-11491  
**Received:** 02/20/2020  
**Reported:** 03/09/2020  
**Date/Time Sampled:** 02/19/2020 14:00  
**Sampled By:** JS  
**Sampled Matrix:** Sludge  
**Containers:** 2

OECC  
 Attn: Marshall Yarnell  
 10333 Olentangy River Road  
 Powell, OH 43065

**Project Name:** Landfill TCLP

**Sample ID:** OECC Dewatered Sludge  
**Lab Sample #** L20-11491-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Paint Filter	*	Y/N		SW-9095	MS		02/24/2020
	Pass						
Sulfur	6390	mg/Kg dry	505	ASTM D-129/ SW 9056	JMT		02/25/2020
Total Solids	20	%	0.10	SM-2540 G	TNS		02/23/2020
Arsenic, TCLP	<0.50	mg/L	0.50	SW-6010B	AOP		02/24/2020
Barium, TCLP	0.22	mg/L	0.10	SW-6010B	AOP		02/24/2020
Cadmium, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		02/24/2020
Chromium, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		02/24/2020
Lead, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		02/24/2020
Selenium, TCLP	<0.50	mg/L	0.50	SW-6010B	AOP		02/24/2020
Silver, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		02/24/2020
Mercury, TCLP	<0.020	mg/L	0.020	SW-7470A	BRM		02/24/2020
Chlordane, TCLP	<0.00125	mg/L	0.00125	SW-8081B	BG	02/24/2020	02/24/2020
Endrin, TCLP	<0.00050	mg/L	0.00050	SW-8081B	BG	02/24/2020	02/24/2020
Heptachlor Epoxide, TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	02/24/2020	02/24/2020
Heptachlor, TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	02/24/2020	02/24/2020
Lindane (Gamma-BHC), TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	02/24/2020	02/24/2020
Methoxychlor, TCLP	<0.0025	mg/L	0.0025	SW-8081B	BG	02/24/2020	02/24/2020
Toxaphene, TCLP	<0.0125	mg/L	0.0125	SW-8081B	BG	02/24/2020	02/24/2020
(Surrogate) TCMX	45.1 (0.8 - 111.2)	%		SW-8081B	BG	02/24/2020	02/24/2020
(Surrogate) DCB	50.4 (5.9 - 108.4)	%		SW-8081B	BG	02/24/2020	02/24/2020
2-methylphenol (o-Cresol), TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	02/24/2020	02/24/2020
3&4-methylphenol (m&p-Cresol), TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	02/24/2020	02/24/2020
Pentachlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	02/24/2020	02/24/2020

Analysis Certified By: \_\_\_\_\_





## ANALYTICAL REPORT

Lab Project # L20-11491

 OECC  
 Attn: Marshall Yarnell  
 10333 Olentangy River Road  
 Powell, OH 43065

 Received: 02/20/2020  
 Reported: 03/09/2020  
 Date/Time Sampled: 02/19/2020 14:00  
 Sampled By: JS  
 Sampled Matrix: Sludge  
 Containers: 2

Project Name: Landfill TCLP

Sample ID: OECC Dewatered Sludge

Lab Sample # L20-11491-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
2,4,5-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	02/24/2020	02/24/2020
2,4,6-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	02/24/2020	02/24/2020
2,4-Dinitrotoluene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Hexachlorobutadiene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Hexachlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Hexachloroethane, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Nitrobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
Pyridine, TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	02/24/2020	02/24/2020
1,4-Dichlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	02/24/2020	02/24/2020
(Surrogate) 2-Fluorophenol	47.6	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(D-102.5)						
(Surrogate) Phenol d6	49.1	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(D-99.1)						
(Surrogate) Nitrobenzene d5	57.7	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(18.0-106.7)						
(Surrogate) 2-Fluorobiphenyl	64.9	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(32.5-94.6)						
(Surrogate) 2,4,6-Tribromophenol	64.2	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(D-142.0)						
(Surrogate) p-Terphenyl-d14	45.3	%		SW-8270C	JMT	02/24/2020	02/24/2020
	(26.7-110.5)						
Benzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Carbon Tetrachloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Chlorobenzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Chloroform, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
1,2-Dichloroethane, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
1,1-Dichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020

Analysis Certified By:







ANALYTICAL REPORT

Lab Project # L20-11491  
 Received: 02/20/2020  
 Reported: 03/09/2020  
 Date/Time Sampled: 02/19/2020 14:00  
 Sampled By: JS  
 Sampled Matrix: Sludge  
 Containers: 2

OECC  
 Attn: Marshall Yarnell  
 10333 Olentangy River Road  
 Powell, OH 43065

Project Name: Landfill TCLP

Sample ID: OECC Dewatered Sludge  
 Lab Sample # L20-11491-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Methyl Ethyl Ketone (2-Butanone), TCLP	<1.00	mg/L	1.00	SW-8260B	MS		02/25/2020
Tetrachloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Trichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
Vinyl Chloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		02/25/2020
(Surrogate) 1,2-Dichloroethane d4	107.9 (82.3-132.6)	%		SW-8260B	MS		02/25/2020
(Surrogate) Toluene d8	96.3 (87.5-126.9)	%		SW-8260B	MS		02/25/2020
(Surrogate) 4-Bromofluorobenzene	111.1 (73.2-124.3)	%		SW-8260B	MS		02/25/2020
TCLP extraction	*	Y/N		SW-1311	CTL		02/21/2020
Zero Headspace TCLP Extraction	*	Y/N		SW-1311	MS		02/24/2020
2,4-Dichlorophenoxyacetic acid (2,4-D), TCLP	<0.04	mg/L	0.04	SW-8151	A-MAR	02/22/2020	03/01/2020
Silvex, TCLP	<0.04	mg/L	0.04	SW-8151	A-MAR	02/22/2020	03/01/2020
(Surrogate) DCAA	100 (58-132)	%		SW-8151	A-MAR	02/22/2020	03/01/2020


Analysis Certified By: Amyr Staley



# Chain of Custody Record

This is a legal document that authorizes Alloway to perform testing on samples submitted under this agreement.

- 1101 North Cole Street, Lima, OH 45806
- (P) 419-223-1362 (F) 419-227-3732
- 1776 Marion-Waldo Road, Marion OH 43302
- (P) 740-389-5991 (F) 740-389-1481
- 1502 W. Fourth Street, Mansfield, OH 44806
- (P) 419-525-1644 (F) 419-524-5575

<b>Report To:</b> Delaware County OECC Name: _____ Company: _____ Address: _____		<b>Invoice To (if Different):</b> Name: _____ Company: _____ Address: _____	
Phone #: _____ E-mail: _____		Fax #: _____ PO#: _____	
<b>Project Name:</b> Landfill TCLP		<b>Notes/Comments:</b> Sample collected from 8:00 AM to 2:00 PM on the top of the Hour.	
<b>Sampler:</b> Jeremy Schrage		Turnaround: (Rush Charges May Apply) <input type="checkbox"/> Next Day <input type="checkbox"/> 3 Working Days <input type="checkbox"/> 5 Working Days <input checked="" type="checkbox"/> Routine	
<b>Customer:</b> JECC Dewatered Sludge		Alloway LIMS # For Lab Use Only	
Sample ID / Sample Location: 2-19-20		Analysis Required:	
Sample Date: 2-19-20		1. TCLP RCRA Metals, TCLP VOC's, TCLP SVOC's	
Sample Time: 2:00 PM		2. Paint Filter, Sulfur (dry weight)	
Grab: <input checked="" type="checkbox"/>		3. Pesticides & Herbicides	
Matrix Code: sg		Project: L20-11491	
Number of Containers: 2			
Date: 2-20-20		Matrix Codes: WW - wastewater GW - groundwater DW - drinking water SW - surface water W - water oil - oil S - solid SG - sludge L - leachate A - acid P - product O - other	
Time: 10:27		Preservation Codes: 1 - None 2 - HNO <sub>3</sub> 3 - H <sub>2</sub> SO <sub>4</sub> 4 - HCl 5 - NaOH 6 - NaOH & Zinc Acetate 7 - Sodium Thiosulfate 8 - Ascorbic Acid 9 - Maleic Acid 10 - EDA 11 - Ammonium Chloride 12 - (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> & NH <sub>4</sub> OH 13 - Zinc Acetate 14 - Sodium Sulfite 15 - Potassium Dipyrone Chloride 16 - Sodium Sulfite/Sodium Bisulfite	
Date: 2-20-20		Method of Delivery: <input type="checkbox"/> UPS <input type="checkbox"/> Fed Ex <input type="checkbox"/> Client <input checked="" type="checkbox"/> Alloway Pick Up <input type="checkbox"/> Alloway Sampling <input type="checkbox"/> Other	
Received by: J. Jang		Sample Receiving (For Lab Use Only): Ico Present? Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Proper Preservation? Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Container Temperature: MUMUCX	
Received for Laboratory By: (circle one) Mansfield <input checked="" type="radio"/> Lima <input type="radio"/> Marion		Date: 2/21/20 Time: 10:44	
(Signature) J. Jang		Date: 2-21-20 Time:	

Received By: *J. Jang*      Received By: *J. Jang*

Transported to: Lima  Marion       Transported to: *Lim*  Marion

## ANALYTICAL REPORT

Lab Project # L20-11737

 Package Plants- Delaware County  
 Attn: Chad Kidd  
 6579 Moore Rd.  
 Delaware, OH 43015

 Received: 02/27/2020  
 Reported: 03/18/2020  
 Date/Time Sampled: 02/21/2020 09:30  
 Sampled By: AB  
 Sampled Matrix: Sludge  
 Containers: 2


Project Name: Package Plants

Sample ID: LS Dewatered Sludge

Lab Sample # L20-11737-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Paint Filter	*	Y/N		SW-9095	MS		03/03/2020
	Pass						
Sulfur	2170	mg/Kg dry	442	ASTM D-129/ SW 9056	JMT		03/02/2020
Total Solids	23	%	0.10	SM-2540 G	TNS		03/01/2020
Arsenic, TCLP	<0.50	mg/L	0.50	SW-6010B	AOP		03/04/2020
Barium, TCLP	<1.00	mg/L	1.00	SW-6010B	AOP		03/04/2020
Cadmium, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		03/04/2020
Chromium, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		03/04/2020
Lead, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		03/04/2020
Selenium, TCLP	<0.50	mg/L	0.50	SW-6010B	AOP		03/04/2020
Silver, TCLP	<0.10	mg/L	0.10	SW-6010B	AOP		03/04/2020
Mercury, TCLP	<0.020	mg/L	0.020	SW-7470A	BRM		03/05/2020
Chlordane, TCLP	<0.00125	mg/L	0.00125	SW-8081B	BG	03/04/2020	03/04/2020
Endrin, TCLP	<0.00050	mg/L	0.00050	SW-8081B	BG	03/04/2020	03/04/2020
Heptachlor Epoxide, TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	03/04/2020	03/04/2020
Heptachlor, TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	03/04/2020	03/04/2020
Lindane (Gamma-BHC), TCLP	<0.00025	mg/L	0.00025	SW-8081B	BG	03/04/2020	03/04/2020
Methoxychlor, TCLP	<0.0025	mg/L	0.0025	SW-8081B	BG	03/04/2020	03/04/2020
Toxaphene, TCLP	<0.0125	mg/L	0.0125	SW-8081B	BG	03/04/2020	03/04/2020
(Surrogate) TCMX	18.3 (0.8 - 111.2)	%		SW-8081B	BG	03/04/2020	03/04/2020
(Surrogate) DCB	28.1 (5.9 - 108.4)	%		SW-8081B	BG	03/04/2020	03/04/2020
2-methylphenol (o-Cresol), TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	03/04/2020	03/04/2020
3&4-methylphenol (m&p-Cresol), TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	03/04/2020	03/04/2020
Pentachlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	03/04/2020	03/04/2020

Analysis Certified By:





ANALYTICAL REPORT

Lab Project # L20-11737

Package Plants- Delaware County  
 Attn: Chad Kidd  
 6579 Moore Rd.  
 Delaware, OH 43015

Received: 02/27/2020  
 Reported: 03/18/2020  
 Date/Time Sampled: 02/21/2020 09:30  
 Sampled By: AB  
 Sampled Matrix: Sludge  
 Containers: 2

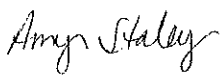
Project Name: Package Plants

Sample ID: LS Dewatered Sludge

Lab Sample # L20-11737-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
2,4,5-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	03/04/2020	03/04/2020
2,4,6-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	03/04/2020	03/04/2020
2,4-Dinitrotoluene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	03/04/2020	03/04/2020
Hexachlorobutadiene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	03/04/2020	03/04/2020
Hexachlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	03/04/2020	03/04/2020
Hexachloroethane, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	03/04/2020	03/04/2020
Nitrobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	03/04/2020	03/04/2020
Pyridine, TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	03/04/2020	03/04/2020
1,4-Dichlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	03/04/2020	03/04/2020
(Surrogate) 2-Fluorophenol (D-102.5)	54.8	%		SW-8270C	JMT	03/04/2020	03/04/2020
(Surrogate) Phenol d6 (D-99.1)	52.1	%		SW-8270C	JMT	03/04/2020	03/04/2020
(Surrogate) Nitrobenzene d5 (18.0-106.7)	55.2	%		SW-8270C	JMT	03/04/2020	03/04/2020
(Surrogate) 2-Fluorobiphenyl (32.5-94.6)	49.4	%		SW-8270C	JMT	03/04/2020	03/04/2020
(Surrogate) 2,4,6-Tribromophenol (D-142.0)	62.5	%		SW-8270C	JMT	03/04/2020	03/04/2020
(Surrogate) p-Terphenyl-d14 (26.7-110.5)	30.8	%		SW-8270C	JMT	03/04/2020	03/04/2020
Benzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020
Carbon Tetrachloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020
Chlorobenzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020
Chloroform, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020
1,2-Dichloroethane, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020
1,1-Dichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020

Analysis Certified By:





**ANALYTICAL REPORT**

**Lab Project #** L20-11737

Package Plants- Delaware County  
Attn: Chad Kidd  
6579 Moore Rd.  
Delaware, OH 43015

**Received:** 02/27/2020  
**Reported:** 03/18/2020  
**Date/Time Sampled:** 02/21/2020 09:30  
**Sampled By:** AB  
**Sampled Matrix:** Sludge  
**Containers:** 2

**Project Name:** Package Plants

**Sample ID:** LS Dewatered Sludge

**Lab Sample #** L20-11737-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Methyl Ethyl Ketone (2-Butanone), TCLP	1.28	mg/L	1.00	SW-8260B	MS		03/04/2020
Tetrachloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020
Trichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020
Vinyl Chloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/04/2020
(Surrogate) 1,2-Dichloroethane d4	112.8 (82.3-132.6)	%		SW-8260B	MS		03/04/2020
(Surrogate) Toluene d8	101.9 (87.5-126.9)	%		SW-8260B	MS		03/04/2020
(Surrogate) 4-Bromofluorobenzene	109.9 (73.2-124.3)	%		SW-8260B	MS		03/04/2020
TCLP extraction	*	Y/N		SW-1311	CTL		03/02/2020
Zero Headspace TCLP Extraction	*	Y/N		SW-1311	MS		03/03/2020
2,4-Dichlorophenoxyacetic acid (2,4-D), TCLP	<0.04	mg/L	0.04	SW-8151	A-MAR	03/07/2020	03/14/2020
Silvex, TCLP	<0.04	mg/L	0.04	SW-8151	A-MAR	03/07/2020	03/14/2020
(Surrogate) DCAA	108 (58-132)	%		SW-8151	A-MAR	03/07/2020	03/14/2020

Analysis Certified By: \_\_\_\_\_

*Amy Staley*



# Chain of Custody Record

This is a legal document that authorizes Alloway to perform testing on samples submitted under this agreement.

Project: L20-11737

**Report To:**  
 Name: **DELAWARE COUNTY PSD**  
 Company:  
 Address: **6519 MOORE RD.**  
**DELAWARE, OH 43015**

**Invoice To (if Different):**  
 Name: **DELAWARE COUNTY PSD**  
 Company:  
 Address: **10333 BENTONCH PAPER RD.**  
**POWELL, OH 43065**

Phone #: **740-833-2827** Fax #: \_\_\_\_\_  
 E-mail: **chris@co.delaware-oh.us** POF: \_\_\_\_\_

Project Name: **PACKAGE PLANTS**  
 Sampler (Photo): **ACE BENNETT**

Sample ID / Sample Location	Sample Date	Sample Time	Composited	Grab	Matrix Code	Number of Containers	Preservation Code #	Analysis Required	Alloway LIMS # For Lab Use Only
1 LS Dewatered Sludge	2-21-20	9:40AM		✓	SG	8	1	TCLP RCRA Metals, TCLP VOC's, TCLP SVOC's	21
2								Paint Filter, Sulfur (dry weight)	
3								HERBICIDE (GLP), PESTICIDES (TAP)	
4									
5									
6									
7									
8									

Relinquished by: **ACE BENNETT** Date: **2-21-20** Time: **09:40**

Received by: **MLB** Date: **2-26-20** Time: **09:04**

Received for Laboratory By: (circle one) **Mansfield** **Lima** **Marion**

(Signature) \_\_\_\_\_

Transported to: **Lima** **Marion**

Transported to: **Lima** **Marion**

By: **MLB** Received By: **MLB**

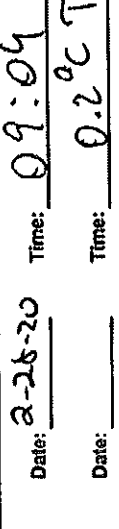
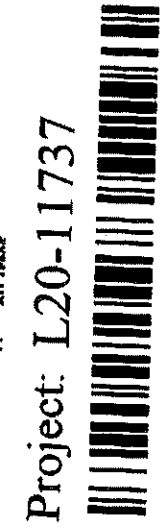
Date: **2-26-20** Time: **09:04**

Date: **02-26-20** Time: **09:04**

Collection Temperature: **1.4**

Turnaround Time: \_\_\_\_\_  
 Next Day  2 Working Days   
 3 Working Days  5 Working Days

Routing:  Routine





## ANALYTICAL REPORT

Lab Project # 2310397

 ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

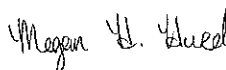
 Received: 3/28/2023  
 Reported: 4/14/2023  
 Date/Time Sampled: 03/28/2023 10:10  
 Sampled By: JR  
 Sampled Matrix: Sludge  
 Containers: 1

 Project Name: **Olentangy Environmental Control Center (Delaware County)**

 Sample ID: **OECC Pad**  
 Lab Sample # **2310397-01**

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
2,4-Dichlorophenoxyacetic acid (2,4-D), TCLP	<0.40	mg/L	0.40	EPA 8151A	KVS	04/07/2023	04/10/2023
Silvex, TCLP	<0.40	mg/L	0.40	EPA 8151A	KVS	04/07/2023	04/10/2023
(Surrogate) DCAA	89.3	%		EPA 8151A	KVS	04/07/2023	04/10/2023
	30 - 158						
Flashpoint	>200	o F	70	SW-1020	MS		04/02/2023
pH	5.8	S.U.		SW-9040C/9045C	NRW		03/31/2023
Arsenic, TCLP	<0.50	mg/L	0.50	SW-6010B	LW		04/03/2023
Barium, TCLP	<1.00	mg/L	1.00	SW-6010B	LW		04/03/2023
Cadmium, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Chromium, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Lead, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Selenium, TCLP	<0.92	mg/L	0.92	SW-6010B	LW		04/03/2023
	Higher detection level due to sample matrix.						
Silver, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Mercury, TCLP	<0.020	mg/L	0.020	SW-7470A	BRM		04/05/2023
Chlordane, TCLP	<0.00125	mg/L	0.00125	SW-8081B	AOP	04/05/2023	04/06/2023
Endrin, TCLP	<0.00050	mg/L	0.00050	SW-8081B	AOP	04/05/2023	04/06/2023
Heptachlor Epoxide, TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	04/05/2023	04/06/2023
Heptachlor, TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	04/05/2023	04/06/2023
Lindane (Gamma-BHC), TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	04/05/2023	04/06/2023
Methoxychlor, TCLP	<0.0025	mg/L	0.0025	SW-8081B	AOP	04/05/2023	04/06/2023
Toxaphene, TCLP	<0.0125	mg/L	0.0125	SW-8081B	AOP	04/05/2023	04/06/2023
(Surrogate) TCMX	67.1	%		SW-8081B	AOP	04/05/2023	04/06/2023
	(23.6 - 140.1)						

Analysis Certified By:





## ANALYTICAL REPORT

**Lab Project #** 2310397  
**Received:** 3/28/2023  
**Reported:** 4/14/2023  
**Date/Time Sampled:** 03/28/2023 10:10  
**Sampled By:** JR  
**Sampled Matrix:** Sludge  
**Containers:** 1

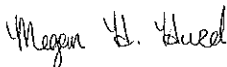
ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

**Project Name:** Olentangy Environmental Control Center (Delaware County)

**Sample ID:** OECC Pad  
**Lab Sample #** 2310397-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
(Surrogate) DCB	83.3 (37.1 - 137.7)	%		SW-8081B	AOP	04/05/2023	04/06/2023
2-methylphenol (o-Cresol), TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
3&4-methylphenol (m&p-Cresol), TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	04/05/2023	04/12/2023
Pentachlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
2,4,5-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
2,4,6-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
2,4-Dinitrotoluene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachlorobutadiene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachloroethane, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Nitrobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Pyridine, TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	04/05/2023	04/12/2023
1,4-Dichlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2-Fluorophenol	67.9 (31.1-85.6)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) Phenol d6	61.2 (30.7-76.8)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) Nitrobenzene d5	58.4 (26.9-87.7)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2-Fluorobiphenyl	57.3 (19.4-108.1)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2,4,6-Tribromophenol	62.0 (14.6-108.9)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) p-Terphenyl-d14	50.8 (D-134.6)	%		SW-8270C	JMT	04/05/2023	04/12/2023
Benzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023

Analysis Certified By:







## ANALYTICAL REPORT

**Lab Project #** 2310397  
**Received:** 3/28/2023  
**Reported:** 4/14/2023  
**Date/Time Sampled:** 03/28/2023 10:10  
**Sampled By:** JR  
**Sampled Matrix:** Sludge  
**Containers:** 1

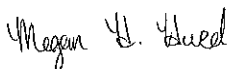
ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

**Project Name:** Olentangy Environmental Control Center (Delaware County)

**Sample ID:** OECC Pad  
**Lab Sample #** 2310397-01

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Carbon Tetrachloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023
Chlorobenzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023
Chloroform, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023
1,2-Dichloroethane, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023
1,1-Dichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023
Methyl Ethyl Ketone (2-Butanone), TCLP	<1.00	mg/L	1.00	SW-8260B	MS		04/02/2023
Tetrachloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023
Trichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023
Vinyl Chloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		04/02/2023
(Surrogate) 1,2-Dichloroethane d4	115.2 (71.2-138.1)	%		SW-8260B	MS		04/02/2023
(Surrogate) Toluene d8	89.6 (60.3-119.2)	%		SW-8260B	MS		04/02/2023
(Surrogate) 4-Bromofluorobenzene	81.6 (60.4-125.6)	%		SW-8260B	MS		04/02/2023
TCLP extraction	*	Y/N		SW-1311	NRW		03/30/2023
Zero Headspace TCLP Extraction	*	Y/N		SW-1311	MS		04/01/2023

Analysis Certified By:





## ANALYTICAL REPORT

Lab Project # 2310396

 ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

 Received: 3/28/2023  
 Reported: 4/14/2023  
 Date/Time Sampled: 03/28/2023 09:42  
 Sampled By: JR  
 Sampled Matrix: Sludge  
 Containers: 1

Project Name: Maxtown Pump Station (Delaware County)

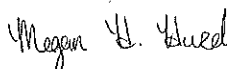
Sample ID: Maxtown PS

Lab Sample # 2310396-01

Due to insufficient sample volume, TCLP Herbicides was recollected and is reported separately as 2310957

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Flashpoint	>200	o F	70	SW-1020	MS		04/02/2023
pH	7.6	S.U.		SW-9040C/9045C	NRW		03/31/2023
Arsenic, TCLP	<0.50	mg/L	0.50	SW-6010B	LW		04/03/2023
Barium, TCLP	<1.00	mg/L	1.00	SW-6010B	LW		04/03/2023
Cadmium, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Chromium, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Lead, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Selenium, TCLP	<0.50	mg/L	0.50	SW-6010B	LW		04/03/2023
Silver, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Mercury, TCLP	<0.020	mg/L	0.020	SW-7470A	BRM		04/05/2023
Chlordane, TCLP	<0.00125	mg/L	0.00125	SW-8081B	AOP	03/31/2023	04/04/2023
Endrin, TCLP	<0.00050	mg/L	0.00050	SW-8081B	AOP	03/31/2023	04/04/2023
Heptachlor Epoxide, TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	03/31/2023	04/04/2023
Heptachlor, TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	03/31/2023	04/04/2023
Lindane (Gamma-BHC), TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	03/31/2023	04/04/2023
Methoxychlor, TCLP	<0.0025	mg/L	0.0025	SW-8081B	AOP	03/31/2023	04/04/2023
Toxaphene, TCLP	<0.0125	mg/L	0.0125	SW-8081B	AOP	03/31/2023	04/04/2023
(Surrogate) TCMX	47.8 (23.6 - 140.1)	%		SW-8081B	AOP	03/31/2023	04/04/2023
(Surrogate) DCB	65.3 (37.1 - 137.7)	%		SW-8081B	AOP	03/31/2023	04/04/2023
2-methylphenol (o-Cresol), TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
3&4-methylphenol (m&p-Cresol), TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	04/05/2023	04/12/2023
Pentachlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
2,4,5-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023

Analysis Certified By:





## ANALYTICAL REPORT

Lab Project # 2310396

 ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

 Received: 3/28/2023  
 Reported: 4/14/2023  
 Date/Time Sampled: 03/28/2023 09:42  
 Sampled By: JR  
 Sampled Matrix: Sludge  
 Containers: 1

Project Name: Maxtown Pump Station (Delaware County)

Sample ID: Maxtown PS

Lab Sample # 2310396-01

Due to insufficient sample volume, TCLP Herbicides was recollected and is reported separately as 2310957

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
2,4,6-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
2,4-Dinitrotoluene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachlorobutadiene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachloroethane, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Nitrobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Pyridine, TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	04/05/2023	04/12/2023
1,4-Dichlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2-Fluorophenol	50.8 (31.1-85.6)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) Phenol d6	49.8 (30.7-76.8)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) Nitrobenzene d5	49.6 (26.9-87.7)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2-Fluorobiphenyl	58.0 (19.4-108.1)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2,4,6-Tribromophenol	39.9 (14.6-108.9)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) p-Terphenyl-d14	62.8 (D-134.6)	%		SW-8270C	JMT	04/05/2023	04/12/2023
Benzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Carbon Tetrachloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Chlorobenzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Chloroform, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
1,2-Dichloroethane, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
1,1-Dichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023

 Analysis Certified By: Megan H. Huel



## ANALYTICAL REPORT

Lab Project # 2310396

 ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

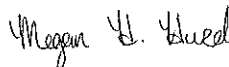
 Received: 3/28/2023  
 Reported: 4/14/2023  
 Date/Time Sampled: 03/28/2023 09:42  
 Sampled By: JR  
 Sampled Matrix: Sludge  
 Containers: 1

**Project Name: Maxtown Pump Station (Delaware County)**
**Sample ID: Maxtown PS**
**Lab Sample # 2310396-01**

Due to insufficient sample volume, TCLP Herbicides was recollected and is reported separately as 2310957

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Methyl Ethyl Ketone (2-Butanone), TCLP	<1.00	mg/L	1.00	SW-8260B	MS		03/31/2023
Tetrachloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Trichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Vinyl Chloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
(Surrogate) 1,2-Dichloroethane d4	108.0 (71.2-138.1)	%		SW-8260B	MS		03/31/2023
(Surrogate) Toluene d8	87.0 (60.3-119.2)	%		SW-8260B	MS		03/31/2023
(Surrogate) 4-Bromofluorobenzene	86.4 (60.4-125.6)	%		SW-8260B	MS		03/31/2023
TCLP extraction	*	Y/N		SW-1311	NRW		03/30/2023
Zero Headspace TCLP Extraction	*	Y/N		SW-1311	NRW		03/29/2023

Analysis Certified By:





## ANALYTICAL REPORT

**Lab Project #** 2310957  
**Received:** 3/31/2023  
**Reported:** 4/11/2023  
**Date/Time Sampled:** 03/31/2023 10:10  
**Sampled By:** JR  
**Sampled Matrix:** Sludge  
**Containers:** 1

ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

**Project Name:** Maxtown PS (Delaware County)

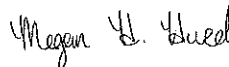
**Sample ID:** Maxtown PS #2

**Lab Sample #** 2310957-01

Remainder of analytes are reported separately as 2310396

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
2,4-Dichlorophenoxyacetic acid (2,4-D), TCLP	<0.40	mg/L	0.40	EPA 8151A	KVS	04/07/2023	04/10/2023
Silvex, TCLP	<0.40	mg/L	0.40	EPA 8151A	KVS	04/07/2023	04/10/2023
(Surrogate) DCAA	105.0	%		EPA 8151A	KVS	04/07/2023	04/10/2023
	(30 - 158)						
TCLP extraction	*	Y/N		SW-1311	NRW		04/05/2023

Analysis Certified By: \_\_\_\_\_





## ANALYTICAL REPORT

Lab Project # 2310394

 ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

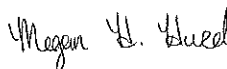
 Received: 3/28/2023  
 Reported: 4/14/2023  
 Date/Time Sampled: 03/28/2023 10:30  
 Sampled By: JR  
 Sampled Matrix: Sludge  
 Containers: 2

**Project Name: Leatherlips PS (Delaware County)**
**Sample ID: Leatherlips**
**Lab Sample # 2310394-01**

Due to insufficient sample volume, TCLP Herbicides was recollected and is reported separately as 2310956

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Flashpoint	>200	o F	70	SW-1020	MS		04/02/2023
pH	7.4	S.U.		SW-9040C/9045C	NRW		03/31/2023
Arsenic, TCLP	<0.50	mg/L	0.50	SW-6010B	LW		04/03/2023
Barium, TCLP	<1.00	mg/L	1.00	SW-6010B	LW		04/03/2023
Cadmium, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Chromium, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Lead, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Selenium, TCLP	<0.50	mg/L	0.50	SW-6010B	LW		04/03/2023
Silver, TCLP	<0.10	mg/L	0.10	SW-6010B	LW		04/03/2023
Mercury, TCLP	<0.020	mg/L	0.020	SW-7470A	BRM		04/05/2023
Chlordane, TCLP	<0.00125	mg/L	0.00125	SW-8081B	AOP	03/31/2023	04/04/2023
Endrin, TCLP	<0.00050	mg/L	0.00050	SW-8081B	AOP	03/31/2023	04/04/2023
Heptachlor Epoxide, TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	03/31/2023	04/04/2023
Heptachlor, TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	03/31/2023	04/04/2023
Lindane (Gamma-BHC), TCLP	<0.00025	mg/L	0.00025	SW-8081B	AOP	03/31/2023	04/04/2023
Methoxychlor, TCLP	<0.0025	mg/L	0.0025	SW-8081B	AOP	03/31/2023	04/04/2023
Toxaphene, TCLP	<0.0125	mg/L	0.0125	SW-8081B	AOP	03/31/2023	04/04/2023
(Surrogate) TCMX	48.6 (23.6 - 140.1)	%		SW-8081B	AOP	03/31/2023	04/04/2023
(Surrogate) DCB	52.7 (37.1 - 137.7)	%		SW-8081B	AOP	03/31/2023	04/04/2023
2-methylphenol (o-Cresol), TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
3&4-methylphenol (m&p-Cresol), TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	04/05/2023	04/12/2023
Pentachlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
2,4,5-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023

Analysis Certified By:





## ANALYTICAL REPORT

Lab Project # 2310394

 ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

 Received: 3/28/2023  
 Reported: 4/14/2023  
 Date/Time Sampled: 03/28/2023 10:30  
 Sampled By: JR  
 Sampled Matrix: Sludge  
 Containers: 2

Project Name: Leatherlips PS (Delaware County)

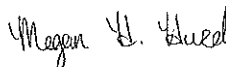
Sample ID: Leatherlips

Lab Sample # 2310394-01

Due to insufficient sample volume, TCLP Herbicides was recollected and is reported separately as 2310956

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
2,4,6-Trichlorophenol, TCLP	<0.50	mg/L	0.50	SW-8270C	JMT	04/05/2023	04/12/2023
2,4-Dinitrotoluene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachlorobutadiene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Hexachloroethane, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Nitrobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
Pyridine, TCLP	<1.00	mg/L	1.00	SW-8270C	JMT	04/05/2023	04/12/2023
1,4-Dichlorobenzene, TCLP	<0.10	mg/L	0.10	SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2-Fluorophenol	48.6 (31.1-85.6)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) Phenol d6	47.3 (30.7-76.8)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) Nitrobenzene d5	47.0 (26.9-87.7)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2-Fluorobiphenyl	56.1 (19.4-108.1)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) 2,4,6-Tribromophenol	43.8 (14.6-108.9)	%		SW-8270C	JMT	04/05/2023	04/12/2023
(Surrogate) p-Terphenyl-d14	66.4 (D-134.6)	%		SW-8270C	JMT	04/05/2023	04/12/2023
Benzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Carbon Tetrachloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Chlorobenzene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Chloroform, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
1,2-Dichloroethane, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
1,1-Dichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023

Analysis Certified By:





## ANALYTICAL REPORT

**Lab Project #** 2310394  
**Received:** 3/28/2023  
**Reported:** 4/14/2023  
**Date/Time Sampled:** 03/28/2023 10:30  
**Sampled By:** JR  
**Sampled Matrix:** Sludge  
**Containers:** 2

ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

**Project Name:** Leatherlips PS (Delaware County)

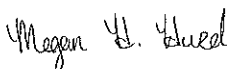
**Sample ID:** Leatherlips

**Lab Sample #** 2310394-01

Due to insufficient sample volume, TCLP Herbicides was recollected and is reported separately as 2310956

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
Methyl Ethyl Ketone (2-Butanone), TCLP	<1.00	mg/L	1.00	SW-8260B	MS		03/31/2023
Tetrachloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Trichloroethene, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
Vinyl Chloride, TCLP	<0.05	mg/L	0.05	SW-8260B	MS		03/31/2023
(Surrogate) 1,2-Dichloroethane d4	107.5 (71.2-138.1)	%		SW-8260B	MS		03/31/2023
(Surrogate) Toluene d8	86.7 (60.3-119.2)	%		SW-8260B	MS		03/31/2023
(Surrogate) 4-Bromofluorobenzene	82.3 (60.4-125.6)	%		SW-8260B	MS		03/31/2023
TCLP extraction	*	Y/N		SW-1311	NRW		03/30/2023
Zero Headspace TCLP Extraction	*	Y/N		SW-1311	NRW		03/29/2023

Analysis Certified By: \_\_\_\_\_







ANALYTICAL REPORT

**Lab Project #** 2310956  
**Received:** 3/31/2023  
**Reported:** 4/11/2023  
**Date/Time Sampled:** 03/31/2023 09:10  
**Sampled By:** JR  
**Sampled Matrix:** Sludge  
**Containers:** 1

ACWRF - Delaware County  
 Attn: Jared Ruhl  
 7767 Walker Wood Blvd.  
 Lewis Center, OH 43035

**Project Name:** Leather lips PS (Delaware County)

**Sample ID:** Leather lips PS#2

**Lab Sample #** 2310956-01

Remainder of analytes are reported separately as 2310394

Analyte	Results	Units	PQL	Method	Analyst	Extraction Date	Analysis Date
2,4-Dichlorophenoxyacetic acid (2,4-D), TCLP	<0.40	mg/L	0.40	EPA 8151A	KVS	04/07/2023	04/10/2023
Silvex, TCLP	<0.40	mg/L	0.40	EPA 8151A	KVS	04/07/2023	04/10/2023
(Surrogate) DCAA	98.3	%		EPA 8151A	KVS	04/07/2023	04/10/2023
	(30 - 158)						
TCLP extraction	*	Y/N		SW-1311	NRW		04/05/2023

Analysis Certified By: Megan H. Buel