

\$437,886.00

BID OF Drax, Inc

2025

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

Stricker Pond Forebay Dredging

CONTRACT NO. 9657

PROJECT NO. 15697

IN

MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL
MADISON, WISCONSIN ON Oct 7, 2025

CITY ENGINEERING DIVISION
1600 EMIL STREET
MADISON, WISCONSIN 53713

<https://bidexpress.com/login>

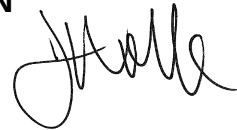
**STRICKER POND FOREBAY DREDGING
CONTRACT NO. 9657**

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This Proposal, and Agreement have
been prepared by:

**CITY ENGINEERING DIVISION
CITY OF MADISON
MADISON, DANE COUNTY, WISCONSIN**



James M. Wolfe, P.E., City Engineer

JMW: scl

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS

REQUEST FOR BID FOR PUBLIC WORKS CONSTRUCTION CITY OF MADISON, WISCONSIN

A BEST VALUE CONTRACTING MUNICIPALITY

PROJECT NAME:	STRICKER POND FOREBAY DREDGING
CONTRACT NO.:	9657
SBE GOAL	10 %
BID BOND	5%
SBE PRE BID MEETING (2:00 P.M.)	8/28/2025
PREQUALIFICATION APPLICATION DUE (2:00 P.M.)	8/28/2025
BID SUBMISSION (2:00 P.M.)	9/04/2025
BID OPEN (2:30 P.M.)	9/04/2025
PUBLISHED IN WSJ	8/14/2025, 8/21/2025 & 8/28/2025

SBE PRE BID MEETING: Pre-Bid Meetings are being held virtually. Advance registration is required. Visit the SBE Meeting web page on Engineering's web site:

<https://www.cityofmadison.com/engineering/developers-contractors/contractors/how-to-bid-public-works-contracts/small-business>.

Questions regarding SBE Program requirements may be directed to Tracy Lomax, Affirmative Action Division. Tracy may be reached at (608) 267-8634, or by email, TLomax@cityofmadison.com.

PREQUALIFICATION APPLICATION: Forms are available on our website, www.cityofmadison.com/engineering/developers-contractors/contractors/how-to-get-prequalified. If not currently prequalified in the categories listed in Section A, an amendment to your Prequalification will need to be submitted prior to the same due date. Postmark is not applicable.

BIDS TO BE SUBMITTED: by hand to 1600 EMIL ST., MADISON, WI 53713 or online at www.bidexpress.com.

Bids may be submitted on line through Bid Express or in person at 1600 Emil St. The bids will be posted on line after the bid opening. If you have any questions, please call Isaac Gabriel at (608) 267-1197, or Kyle Frank at (608) 266-9091.

STANDARD SPECIFICATIONS

The City of Madison's Standard Specifications for Public Works Construction - 2025 Edition, as supplemented and amended from time to time, forms a part of these contract documents as if attached hereto.

These standard specifications are available on the City of Madison Public Works website, www.cityofmadison.com/engineering/developers-contractors/standard-specifications.

The Contractor shall review these Specifications prior to preparation of proposals for the work to be done under this contract, with specific attention to Article 102, "BIDDING REQUIREMENTS AND CONDITIONS" and Article 103, "AWARD AND EXECUTION OF THE CONTRACT." For the convenience of the bidder, below are highlights of three subsections of the specifications.

SECTION 102.1: PRE-QUALIFICATION OF BIDDERS

In accordance with Wisconsin State Statutes 66.0901 (2) and (3), all bidders must submit to the Board of Public Works proof of responsibility on forms furnished by the City. The City requires that all bidders be qualified on a biennial basis.

Bidders must present satisfactory evidence that they have been regularly engaged in the type of work specified herein and they are fully prepared with necessary capital, materials, machinery and supervisory personnel to conduct the work to be contracted for to the satisfaction of the City. All bidders must be pre-qualified by the Board of Public Works for the type of construction on which they are bidding prior to the opening of the bid.

In accordance with Section 39.02(9)(a)l. of the General Ordinances, all bidders shall submit in writing to the Affirmative Action Division Manager of the City of Madison, a Certificate of Compliance or an Affirmative Action Plan at the same time or prior to the submission of the proof of responsibility forms.

The bidder shall be disqualified if the bidder fails to or refuses to, prior to opening of the bid, submit a Certificate of compliance, Affirmative Action Plan or Affirmative Action Data Update, as applicable, as defined by Section 39.02 of the General Ordinances (entitled Affirmative Action) and as required by Section 102.11 of the Standard Specifications.

SECTION 102.4 PROPOSAL

No bid will be accepted that does not contain an adequate or reasonable price for each and every item named in the Schedule of Unit Prices.

A lump sum bid for the work in accordance with the plans and specifications is required. The lump sum bid must be the same as the total amounts bid for the various items and it shall be inserted in the space provided.

All papers bound with or attached to the proposal form are considered a part thereof and must not be detached or altered when the proposal is submitted. The plans, specifications and other documents designated in the proposal form will be considered a part of the proposal whether attached or not.

A proposal submitted by an individual shall be signed by the bidder or by a duly authorized agent. A proposal submitted by a partnership shall be signed by a member/partner or by a duly authorized agent thereof. A proposal submitted by a corporation shall be signed by an authorized officer or duly authorized registered agent of such corporation, and the proposal shall show the name of the State under the laws of which such corporation was chartered. The required signatures shall in all cases appear in the space provided thereof on the proposal.

Each proposal shall be placed, together with the proposal guaranty, in a sealed envelope, so marked as to indicate name of project, the contract number or option to which it applies, and the name and address of the Contractor or submitted electronically through Bid Express (www.bidexpress.com). Proposals will be accepted at the location, the time and the date designated in the advertisement. Proposals received after the time and date designated will be returned to the bidder unopened.

SECTION 102.5: BID DEPOSIT (PROPOSAL GUARANTY)

All bids, sealed or electronic, must be accompanied with a Bid Bond (City of Madison form) equal to at least 5% of the bid or a Certificate of Annual/Biennial Bid Bond or certified check, payable to the City Treasurer. Bid deposit of the successful bidders shall be returned within forty-eight (48) hours following execution of the contract and bond as required.

MINOR DISCREPENCIES

Bidder is responsible for submitting all forms necessary for the City to determine compliance with State and City bidding requirements. Notwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion or performance of the contract.

Bidders for this Contract(s) must be Pre-Qualified for at least one of the following type(s) of construction denoted by an ☒

Building Demolition

- 101 ☐ Asbestos Removal
120 ☐ House Mover

- 110 ☐ Building Demolition

Street, Utility and Site Construction

- 201 ☐ Asphalt Paving
205 ☐ Blasting
210 ☐ Boring/Pipe Jacking
215 ☐ Concrete Paving
220 ☐ Con. Sidewalk/Curb & Gutter/Misc. Flat Work
221 ☐ Concrete Bases and Other Concrete Work
222 ☐ Concrete Removal
225 ☒ Dredging
230 ☐ Fencing
235 ☐ Fiber Optic Cable/Conduit Installation
240 ☐ Grading and Earthwork
241 ☐ Horizontal Saw Cutting of Sidewalk
242 ☐ Hydro Excavating
243 ☐ Infrared Seamless Patching
245 ☐ Landscaping, Maintenance
246 ☐ Ecological Restoration
250 ☐ Landscaping, Site and Street
251 ☐ Parking Ramp Maintenance
252 ☐ Pavement Marking
255 ☐ Pavement Sealcoating and Crack Sealing
260 ☐ Petroleum Above/Below Ground Storage Tank Removal/Installation
262 ☐ Playground Installer

- 265 ☐ Retaining Walls, Precast Modular Units
270 ☐ Retaining Walls, Reinforced Concrete
275 ☐ Sanitary, Storm Sewer and Water Main Construction
276 ☐ Sawcutting
280 ☐ Sewer Lateral Drain Cleaning/Internal TV Insp.
285 ☐ Sewer Lining
290 ☐ Sewer Pipe Bursting
295 ☐ Soil Borings
300 ☐ Soil Nailing
305 ☐ Storm & Sanitary Sewer Laterals & Water Svc.
310 ☐ Street Construction
315 ☐ Street Lighting
318 ☐ Tennis Court Resurfacing
320 ☐ Traffic Signals
325 ☐ Traffic Signing & Marking
332 ☐ Tree pruning/removal
333 ☐ Tree, pesticide treatment of
335 ☐ Trucking
340 ☐ Utility Transmission Lines including Natural Gas, Electrical & Communications
399 ☐ Other _____

Bridge Construction

- 501 ☐ Bridge Construction and/or Repair

Building Construction

- 401 ☐ Floor Covering (including carpet, ceramic tile installation, rubber, VCT)
402 ☐ Building Automation Systems
403 ☐ Concrete
404 ☐ Doors and Windows
405 ☐ Electrical - Power, Lighting & Communications
410 ☐ Elevator - Lifts
412 ☐ Fire Suppression
413 ☐ Furnishings - Furniture and Window Treatments
415 ☐ General Building Construction, Equal or Less than \$250,000
420 ☐ General Building Construction, \$250,000 to \$1,500,000
425 ☐ General Building Construction, Over \$1,500,000
428 ☐ Glass and/or Glazing
429 ☐ Hazardous Material Removal
430 ☐ Heating, Ventilating and Air Conditioning (HVAC)
433 ☐ Insulation - Thermal
435 ☐ Masonry/Tuck pointing

- 437 ☐ Metals
440 ☐ Painting and Wallcovering
445 ☐ Plumbing
450 ☐ Pump Repair
455 ☐ Pump Systems
460 ☐ Roofing and Moisture Protection
464 ☐ Tower Crane Operator
461 ☐ Solar Photovoltaic/Hot Water Systems
465 ☐ Soil/Groundwater Remediation
466 ☐ Warning Sirens
470 ☐ Water Supply Elevated Tanks
475 ☐ Water Supply Wells
480 ☐ Wood, Plastics & Composites - Structural & Architectural
499 ☐ Other _____

State of Wisconsin Certifications

- 1 ☐ Class 5 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for quarries, open pits and road cuts.
2 ☐ Class 6 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for trenches, site excavations, basements, underwater demolition, underground excavations, or structures 15 feet or less in height.
3 ☐ Class 7 Blaster - Blasting Operations and Activities for structures greater than 15 ' in height, bridges, towers, and any of the objects or purposes listed as "Class 5 Blaster or Class 6 Blaster".
4 ☐ Petroleum Above/Below Ground Storage Tank Removal and Installation (Attach copies of State Certifications.)
5 ☐ Hazardous Material Removal (Contractor to be certified for asbestos and lead abatement per the Wisconsin Department of Health Services, Asbestos and Lead Section (A&LS).) See the following link for application: www.dhs.wisconsin.gov/Asbestos/Cert. State of Wisconsin Performance of Asbestos Abatement Certificate must be attached.
6 ☐ Certification number as a Certified Arborist or Certified Tree Worker as administered by the International Society of Arboriculture
7 ☐ Pesticide application (Certification for Commercial Applicator For Hire with the certification in the category of turf and landscape (3.0) and possess a current license issued by the DATCP)
8 ☐ State of Wisconsin Master Plumbers License.

SECTION B: PROPOSAL

Please refer to the
Bid Express Website
at <https://bidexpress.com>
look up contract number
and go to
Section B: Proposal Page

You can access all City of Madison bid solicitations for FREE at www.bidexpress.com

Click on the “Register for Free” button and follow the instructions to register your company and yourself. You will be asked for a payment subscription preference, since you may wish to bid online someday. Simply choose the method to pay on a ‘per bid’ basis. This requires no payment until / unless you actually bid online. You can also choose the monthly subscription plan at this time. You will, however, be asked to provide payment information. Remember, you can change your preference at anytime. You will then be able to complete your free registration and have full access to the site. Your free access does not require completion of the ‘Digital ID’ process, so you will have instant access for viewing and downloading. To be prepared in case you ever do wish to bid online, you may wish to establish your digital ID also, since you cannot bid without a Digital ID.

If you have any problems with the free registration process, you can call the bidexpress help team, toll free at 1-888-352-2439 (option 1, option1).

SECTION C: SMALL BUSINESS ENTERPRISE

Instructions to Bidders City of Madison SBE Program Information

2 Small Business Enterprise (SBE) Program Information

2.1 Policy and Goal

The City of Madison reaffirms its policy of nondiscrimination in the conduct of City business by maintaining a procurement process which remains open to all who have the potential and ability to sell goods and services to the City. It is the policy of the City of Madison to allow Small Business Enterprises (SBE) maximum feasible opportunity to participate in City of Madison contracting. The bidder acknowledges that its bid has been submitted in accordance with the SBE program and is for the public's protection and welfare.

Please refer to the "ADVERTISEMENT FOR BIDS" for the goal for the utilization of SBEs on this project. SBEs may participate as subcontractors, vendors and/or suppliers, which provide a commercially useful function. The dollar value for SBE suppliers or 'materials only' vendors shall be discounted to 60% for purposes of meeting SBE goals.

A bidder which achieves or exceeds the SBE goal will be in compliance with the SBE requirements of this project. In the event that the bidder is unable to achieve the SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Failure to either achieve the goal or demonstrate a good faith effort to do so will be grounds for the bidder being deemed a non-responsible contractor ineligible for award of this contract.

A bidder may count towards its attainment of the SBE goal only those expenditures to SBEs that perform a commercially useful function. For purposes of evaluating a bidder's responsiveness to the attainment of the SBE goal, the contract participation by an SBE is based on the percentage of the total base bid proposed by the Contractor. The total base bid price is inclusive of all addenda.

Work performed by an SBE firm in a particular transaction can be counted toward the goal only if it involves a commercially useful function. That is, in light of industry practices and other relevant considerations, does the SBE firm have a necessary and useful role in the transaction, of a kind for which there is a market outside the context of the SBE Program, or is the firm's role a superfluous step added in an attempt to obtain credit towards goals? If, in the judgment of the Affirmative Action Division, the SBE firm will not perform a commercially useful function in the transaction, no credit towards goals will be awarded.

The question of whether a firm is performing a commercially useful function is completely separate from the question of whether the firm is an eligible SBE. A firm is eligible if it meets the definitional criteria and ownership and control requirements, as set forth in the City of Madison's SBE Program.

If the City of Madison determines that the SBE firm is performing a commercially useful function, then the City of Madison must then decide what that function is. If the commercially useful function is that of an SBE vendor / supplier that regularly transacts business with the respective product, then the City of Madison will count 60% of the value of the product supplied toward SBE goals.

To be counted, the SBE vendor / supplier must be engaged in selling the product in question to the public. This is important in distinguishing an SBE vendor / supplier, which has a regular trade with a variety of customers, from a firm which performs supplier-like functions on an ad hoc basis or for only one or two contractors with whom it has a special relationship.

A supplier of bulk goods may qualify as an eligible SBE vendor / supplier if it either maintains an inventory or owns or operates distribution equipment. With respect to the distribution equipment; e.g., a fleet of trucks, the term "operates" is intended to cover a situation in which the supplier leases the equipment on a regular basis for its entire business. It is not intended to cover a situation in which the firm simply provides drivers for trucks owned or leased by another party; e.g., a prime contractor, or leases such a party's trucks on an ad hoc basis for a specific job.

If the commercially useful function being performed is not that of a qualified SBE vendor / supplier, but rather that of delivery of products, obtaining bonding or insurance, procurement of personnel, acting as a broker or manufacturer's representative in the procurement of supplies, facilities, or materials, etc., only the fees or commissions will apply towards the goal.

For example, a business that simply transfers title of a product from manufacturer to ultimate purchaser; e. g., a sales representative who re-invoices a steel product from the steel company to the Contractor, or a firm that puts a product into a container for delivery would not be considered a qualified SBE vendor / supplier. The Contractor would not receive credit based on a percentage of the cost of the product for working with such firms.

Concerning the use of services that help the Contractor obtain needed supplies, personnel, materials or equipment to perform a contract: only the fee received by the service provider will be counted toward the goal. For example, use of a SBE sales representative or distributor for a steel company, if performing a commercially useful function at all, would entitle the Contractor receiving the steel to count only the fee paid to the representative or distributor toward the goal. This provision would also govern fees for professional and other services obtained expressly and solely to perform work relating to a specific contract.

Concerning transportation or delivery services: if an SBE trucking company picks up a product from a manufacturer or a qualified vendor / supplier and delivers the product to the Contractor, the commercially useful function it is performing is not that of a supplier, but simply that of a transporter of goods. Unless the trucking company is itself the manufacturer or a qualified vendor / supplier in the product, credit cannot be given based on a percentage of the cost of the product. Rather, credit would be allowed for the cost of the transportation service.

The City is aware that the rule's language does not explicitly mention every kind of business that may contribute work on this project. In administering these programs, the City would, on a case-by-case basis, determine the appropriate counting formula to apply in a particular situation.

2.2 Contract Compliance

Questions concerning the SBE Program shall be directed to the Contract Compliance Officer of the City of Madison Department of Civil Rights, Affirmative Action Division, 210 Martin Luther King, Jr. Blvd., Room 523, Madison, WI 53703; telephone (608) 266-4910.

2.3 Certification of SBE by City of Madison

The Affirmative Action Division maintains a directory of SBEs which are currently certified as such by the City of Madison. Contact the Contract Compliance Officer as indicated in Section 2.2 to receive a copy of the SBE Directory or you may access the SBE Directory online at <https://www.cityofmadison.com/civil-rights/contract-compliance>.

All contractors, subcontractors, vendors and suppliers seeking SBE status must complete and submit the **Targeted Business Certification Application** to the City of Madison Affirmative Action Division by the time and date established for receipt of bids. A copy of the Targeted Business Certification Application is available by contacting the Contract Compliance Officer at the address and telephone indicated in Section 2.2 or you may access the Targeted Business Certification Application online at www.cityofmadison.com/civil-rights/contract-compliance/targeted-business-enterprise-programs/targeted-business-enterprise. Submittal of the Targeted Business Certification Application by the time specified does not guarantee that the applicant will be certified as a SBE eligible to be utilized towards meeting the SBE goal for this project.

2.4 Small Business Enterprise Compliance Report

2.4.1 Good Faith Efforts

Bidders shall take all necessary affirmative steps to assure that SBEs are utilized when possible and that the established SBE goal for this project is achieved. A contractor who self performs a portion of the work, and is pre-qualified to perform that category of work, may subcontract that portion of the work, but shall not be required to do so. When a bidder is unable to achieve the established SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Such a good faith effort should include the following:

- 2.4.1.1 Attendance at the pre-bid meeting.
- 2.4.1.2 Using the City of Madison's directory of certified SBEs to identify SBEs from which to solicit bids.
- 2.4.1.3 Assuring that SBEs are solicited whenever they are potential sources.
- 2.4.1.4 Referring prospective SBEs to the City of Madison Affirmative Action Division for certification.
- 2.4.1.5 Dividing total project requirements into smaller tasks and/or quantities, where economically feasible, to permit maximum feasible SBE participation.
- 2.4.1.6 Establishing delivery schedules, where requirements permit, which will encourage participation by SBEs.
- 2.4.1.7 Providing SBEs with specific information regarding the work to be performed.
- 2.4.1.8 Contacting SBEs in advance of the deadline to allow such businesses sufficient time to prepare a bid.
- 2.4.1.9 Utilizing the bid of a qualified and competent SBE when the bid of such a business is deemed reasonable (i.e. 5% above the lowest bidder), although not necessarily low.
- 2.4.1.10 Contacting SBEs which submit a bid, to inquire about the details of the bid and confirm that the scope of the work was interpreted as intended.
- 2.4.1.11 Completion of Cover Page (page C-6), Summary Sheet (page C-7) and SBE Contact Reports (pages C-8 and C9) if applicable.

2.4.2 Reporting SBE Utilization and Good Faith Efforts

The Small Business Enterprise Compliance Report is to be submitted by the bidder with the bid. This report is due by the specified bid closing time and date. Bids submitted without a completed SBE Compliance Report as outlined below may be deemed non-responsible and the bidder ineligible for award of this contract. Notwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion, performance of the contract, or percentage of SBE utilization.

2.4.2.1 If the Bidder meets or exceeds the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:

2.4.2.1.1 **Cover Page**, Page C-6; and

2.4.2.1.2 **Summary Sheet**, C-7.

2.4.2.2 If the bidder does not meet the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:

2.4.2.2.1 **Cover Page**, Page C-6;

2.4.2.2.2 **Summary Sheet**, C-7; and

2.4.2.2.3 **SBE Contact Report**, C-8 and C-9. (A separate Contact Report must be completed for each applicable SBE which is not utilized.)

2.5 Appeal Procedure

A bidder which does not achieve the established goal and is found non-responsible for failure to demonstrate a good faith effort to achieve such goal and subsequently denied eligibility for award of contract may appeal that decision to the Small Business Enterprises Appeals Committee. All appeals shall be made in writing, and shall be delivered to and received by the City Engineer no later than 4:30 PM on the third business day following the bidder's receipt of the written notification of ineligibility by the Affirmative Action Division Manager. Postmark not acceptable. The notice of appeal shall state the basis for the appeal of the decision of the Affirmative Action Division Manager. The Appeal shall take place in accordance with Madison General Ordinance 33.54.

2.6 SBE Requirements After Award of the Contract

The successful bidder shall identify SBE subcontractors, suppliers and vendors on the subcontractor list in accordance with the specifications. The Contractor shall submit a detailed explanation of any variances between the listing of SBE subcontractors, vendors and/or suppliers on the subcontractor list and the Contractor's SBE Compliance Report for SBE participation.

No change in SBE subcontractors, vendors and/or suppliers from those SBEs indicated in the SBE Compliance Report will be allowed without prior approval from the Engineer and the Affirmative Action Division. The contractor shall submit in writing to the City of Madison Affirmative Action Division a request to change any SBE citing specific reasons which necessitate such a change. The Affirmative Action Division will use a general test of reasonableness in approving or rejecting the contractor's request for change. If the request is approved, the Contractor will make every effort to utilize another SBE if available.

The City will monitor the project to ensure that the actual percentage commitment to SBE firms is carried out.

2.7 SBE Definition and Eligibility Guidelines

A Small Business Enterprise is a business concern awarded certification by the City of Madison. For the purposes of this program a Small Business Enterprise is defined as:

- A. An independent business operated under a single management. The business may not be a subsidiary of any other business and the stock or ownership may not be held by any individual or any business operating in the same or a similar field. In determining whether an entity qualifies as a SBE, the City shall consider all factors relevant to being an independent business including, but not limited to, the date the business was established, adequacy of its resources for the work in which it proposes to involve itself, the degree to which financial, equipment leasing and other relationships exist with other ineligible firms in the same or similar lines of work. SBE owner(s) shall enjoy the customary incidents of ownership and shall share in the risks and profits commensurate with their enjoyment interests, as demonstrated by an examination of the substance rather than form or arrangements that may be reflected in its ownership documents.
- B. A business that has averaged no more than \$4.0 million in annual gross receipts over the prior three year period and the principal owner(s) do not have a personal net worth in excess of \$1.32 million.

Firm and/or individuals that submit fraudulent documents/testimony may be barred from doing business with the City and/or forfeit existing contracts.

SBE certification is valid for one (1) year unless revoked.

SECTION D: SPECIAL PROVISIONS

STRICKER POND FOREBAY DREDGING CONTRACT NO. 9657

It is the intent of these Special Provisions to set forth the final contractual intent as to the matter involved and shall prevail over the Standard Specifications and plans whenever in conflict therewith. In order that comparisons between the Special Provisions can be readily made, the numbering system for the Special Provisions is equivalent to that of the Specifications.

Whenever in these Specifications the term "Standard Specifications" appears, it shall be taken to refer to the City of Madison Standard Specifications for Public Works Construction and Supplements thereto.

Section 102.1 PREQUALIFICATION OF BIDDERS

The Subcontractor performing work under bid items 20703, 20901-20915, 90032-90034, 90042-90045 shall be prequalified in category 246 – Ecological Restoration.

SECTION 102.11: BEST VALUE CONTRACTING

This Contract shall be considered a Best Value Contract if the Contractor's bid is equal to or greater than \$76,500 for a single trade contract; or equal to or greater than \$373,000 for a multi-trade contract pursuant to MGO 33.07(7).

ARTICLE 104 SCOPE OF WORK

This contract and associated plan set describes the work necessary to dewater and dredge the existing stormwater forebay located at the City of Madison Park Stricker's Pond located at 7214 Longmeadow Road in Madison, Wisconsin. This includes dewatering, excavating, loading, hauling and disposal of approximately 4,000 cubic yards of sediment and soil from the stormwater forebay. This work also includes construction of four (4) catch basins, topsoiling, and native seeding.

Approximately 75 cubic yards of sediment has been determined to be contaminated due to polycyclic aromatic hydrocarbons (PAH's_s) by the WDNR. This contract includes hauling, dewatering, managing, and removing this contaminated sediment to the Madison Metropolitan Sewerage District (MMSD) drying beds located at 1717 Moorland Road, Madison, WI. The dewatered sediment shall be dried sufficiently to meet the Madison Prairie Landfill Dredge Acceptance Criteria and then hauled and disposed at the Madison Prairie Landfill located at 6002 Nelson Road, Sun Prairie, Madison, Wisconsin.

The Contractor shall view the site prior to bidding to become familiar with existing conditions. It will be the responsibility of the Contractor to work with the utilities located in the right of way to resolve conflicts during the construction process.

SECTION 104.4 INCREASE OR DECREASE QUANTITIES

The Contractor shall note that some bid item quantities may increase or decrease based on conditions encountered in the field. The Engineer reserves the right to increase or decrease the quantities of any items of work, including increase or decrease of quantities by alteration of plans, as may be considered necessary or desirable during the progress of the work to satisfactorily complete the project. Such increases or decreases in quantities shall not be considered as a waiver of any conditions of the contract nor invalidate any of the provisions thereof. All terms of Section 104.5 Increase Items and Section 104.6 Decreased and Deleted Items of the Standard Specifications for Public Works Construction are applicable to this project. All bid items listed in the proposal page shall be paid for in accordance with the City Standard Specifications and these special provisions. Bid items that are not used may be eliminated.

SECTION 105.9: SURVEYS, POINTS, AND INSTRUCTIONS

The Contractor shall be responsible for setting all lines and/or grades required to complete all work shown in the Stricker Pond Forebay Dredging Plans. Surveys, Points, and Instructions shall be incidental to Bid Item 90003 - CONSTRUCTION SURVEYING.

SECTION 105.12 COOPERATION BY THE CONTRACTOR

Be advised that there may be multiple mobilizations and/or remobilizations to complete construction operations, for example such items as: erosion control, restoration, traffic control, trench patching, excavation cut and other incidental items related to construction staging.

The Contractor is alerted that very little space is available within the project limits for material storage, staging, and other uses. All areas disturbed by construction activities shall be restored when construction is complete. The Contractor may not store materials or stage equipment outside of the areas designated on the plans without authorization of the Engineer.

The Contractor shall use care when accessing the site and during construction not to damage existing trees, plantings, fences, utilities, structures, or other facilities that are to remain. Damage to these items during construction shall be repaired or replaced at the Contractor's expense per the City of Madison Standard Specifications and shall be considered incidental to this contract. The Contractor shall protect existing elements within the approximate construction area available for Contractor's use as indicated on the drawings. Any additional site disturbance not indicated on the drawings or included in the bid item quantities shall be restored in accordance with the specifications at no additional cost.

The Contractor shall secure materials at the end of each workday to deter any potential damage, loss, vandalism and theft. All costs associated with the securing of the site shall be included in the Mobilization bid items.

The Contractor shall attend a pre-construction meeting prior to the start of construction. The Contractor warrants that its services are performed, within the limits prescribed by the City, with the usual thoroughness and competence of the consulting profession; in accordance with the standard for professional services at the time those services are rendered. The Contractor shall be responsible for the accuracy of the work performed under this Agreement and shall promptly make necessary revisions or corrections resulting from their negligent acts, errors or omissions without additional compensation. The Contractor shall be responsible for any damages incurred as a result of their errors, omissions, or negligent acts and for any losses or costs to repair or remedy construction.

The plans and specifications were created by the City of Madison. Contact Sarah Lerner at City Engineering with any questions or discrepancies found on the plans at slerner@cityofmadison.com.

Coordination with Madison Parks

This project is within the City of Madison Stricker's Pond Park. The Contractor shall contact Paul Quinlan at (608) 267-4918, pquinlan@cityofmadison.com at least one week prior to construction to notify of the start date.

Coordination with Madison Metropolitan Sewerage District

The City of Madison has entered into an agreement with Madison Metropolitan Sewerage District to dry contaminated sediment at the dewatering beds located at 1717 Moorland Drive, Madison, Wisconsin. The agreement states use of the drying beds will begin on November 17, 2025, and will end on April 1, 2026. Any changes from this agreement requested by the Contractor must be approved by the Engineer and Madison Metropolitan Sewerage District.

SECTION 105.13 ORDER OF COMPLETION

The Contractor shall phase construction operations to minimize the amount of time that there is disturbance within the project.

Contaminated sediment brought to the MMSD drying beds shall be dewatered, meeting the criteria described in this contract, and completely removed from the MMSD drying bed and delivered to the Waste Management Madison Prairie Landfill by **April 1, 2026.**

SECTION 107.1 PUBLIC CONVENIENCE AND SAFETY

The Contractor shall properly barricade and light all work areas. Sidewalk forms, form pins and other items incidental to the work shall NOT be left or stored on the sidewalk or in the sidewalk area. The Contractor shall backfill along both sides of the newly poured sidewalk immediately following removal of the sidewalk forms.

The Engineer shall have the final decision on schedule of all work.

The Contractor shall use care around all existing trees, prairie grass areas and any potentially sensitive lands and waters. No trees shall be cut without the approval of the Engineer and the City Parks.

SECTION 107.3 TREE PROTECTION SPECIFICATIONS

The Contractor shall perform work in accordance with Section 107.3 Tree Protection Specifications of the latest edition of the Standard Specifications for Public Works Construction.

As defined by the Section 107.13 of City of Madison Standard Specifications for Public Works Construction: No excavation is permitted within 5 feet of the trunk of the street tree or when cutting roots over 3 inches in diameter. If excavation is necessary, the Contractor shall contact Madison City Forestry at (608) 266-4816 prior to excavation. City of Madison Forestry personnel shall assess the impact to the tree and to its root system prior to work commencing.

Contractor shall take precautions during construction to not disfigure, scar, or impair the health of any street tree. Contractor shall operate equipment in a manner as to not damage the branches of the street tree(s). This may require using smaller equipment and loading and unloading materials in a designated space away from trees on the construction site. Any damage or injury to existing street trees (either above or below ground) shall be reported immediately to City Forestry at (608) 266-4816. Penalties and remediation shall be required.

Section 107.13(g) of City of Madison Standard Specifications for Public Works Construction (website: <https://www.cityofmadison.com/business/pw/specs.cfm>) addresses soil compaction near street trees and shall be followed by Contractor. The storage of parked vehicles, construction equipment, building materials, refuse, excavated spoils or dumping of poisonous materials on or around trees and roots within five (5) feet of the tree or within the protection zone is prohibited.

On this project, street tree protection zone fencing is required. The fencing shall be erected before the demolition, grading or construction begins. The fence shall include the entire width of terrace and, extend at least 5 feet on both sides of the outside edge of the tree trunk. Do not remove the fencing to allow for deliveries or equipment access through the tree protection zone.

SECTION 107.6 DUST PROOFING

The Contractor shall take all necessary steps to control dust arising from operations connected with this contract. When ordered by the Engineer, the Contractor shall dust proof the construction area by using power sweepers and water. Dust proofing shall be incidental with operations connected with this contract.

SECTION 107.7 MAINTENANCE OF TRAFFIC

All signing and barricading shall conform to Part VI of the Federal Highways Administrations "Manual on Uniform Traffic Control Devices" (MUTCD), the State of Wisconsin Standard Facilities Development Manual (including Chapter 16 – Standard Detail Drawings) and the City of Madison Standards for sidewalk and bikeway closures.

The path that connects Longmeadow Road to Middleton Street through the Madison Parks property may be closed as needed to facilitate construction. The path shall be reopened whenever work does not require it to be closed. The affected portions of the path can be temporarily patched over the winter and then restored with asphalt by May 30th. The path may be closed for the final asphalt restoration.

Traffic Control shall be measured as a lump sum. Payment for Traffic Control is full compensation for constructing, assembling, hauling, erecting, re-erecting, maintaining, restoring, and removing non-permanent traffic signs, drums, barricades, and similar control devices, including arrow boards, for providing, placing, and maintaining work zone. Maintaining shall include replacing damaged or stolen traffic control devices. Temporary pavement markings, tubular posts and bases and electronic message boards shall be paid for as separate bid items. Traffic control to install temporary or permanent pavement markings shall be included in the Traffic Control Lump Sum Bid Item.

The Contractor shall supply all necessary mounting hardware and supports for signing. This shall also include covering and uncovering any conflicting overhead signs during the project. The Contractor shall display all signing so as to be easily viewed by all users. Contractor shall mount traffic control on posts or existing poles or drive posts whenever possible. Existing poles may be used with approval of Construction Engineer. The Contractor shall inspect traffic control daily to ensure all traffic control remains in place during the project.

The traffic control plan may need to be altered as conditions change in the field or as unexpected conditions occur. This shall include relocating existing traffic control or providing additional traffic control. This should be considered incidental to providing traffic control for the project. Type A warning lights shall be installed on all barricades used in the project per State of Wisconsin S.D.D. 15C2-4B. The Contractor shall also place Type C warning lights on any barrels used to taper traffic or lane closures.

All temporary inlet or structure plating for traffic control phasing shall be considered incidental to the traffic control bid item.

The Contractor shall maintain sidewalk at all times on one side of the street at all times and both sides whenever possible. When sidewalk must be closed for construction purposes, the Contractor shall ensure that sidewalk on opposite side of the street is open. Sidewalk closures shall be signed at the crosswalks prior to the closure. Sidewalk access to all businesses shall remain open from at least one end of a block at all times. Sidewalks shall be fully open during non-working hours except where necessary to enable sidewalk to cure. Maintaining the sidewalk is considered incidental to this contract.

Construction equipment and materials shall not to be stored within the street right-of-way that is open to traffic during non-working hours.

Backfill, plate, or protect work areas with traffic control devices during non-working hours. If steel plates are used, notify the City of Madison Streets Division (608-266-4681) one day prior to the placement of the plates.

The Contractor is responsible for obtaining and installing temporary no parking signs to facilitate traffic control plan or as necessary to complete the work within the contract. The Contractor shall contact John Villareal with the City of Madison Parking Utility (608-267-8756) at least 3 working days prior to needing the signs. The Contractor shall post signs in accordance with the City of Madison Police Department Guidelines for temporary no parking restrictions for construction or special events. The guidelines can be found at the link listed below. This shall be considered incidental to the traffic control lump sum bid item.

http://www.cityofmadison.com/business/pw/documents/guidelines_temporarynoparkingrestrictions.pdf

The Contractor shall not remove traffic signs. For removal or replacement of traffic and parking signs, contact the City of Madison Traffic Engineering Field Operations (608-266-4767) at 1120 Sayle Street from 8:00 a.m. to 4:00 p.m., a minimum of 2 working days in advance of when any existing signs need to be removed. This service is provided free of charge. If the Contractor removes the signs, the Contractor

shall be billed for the reinstallation of, and any damage to, the signing equipment. The Contractor shall notify the City of Madison Traffic Engineering Field Operations (608-266-4767) of final landscaping to have permanent signs reinstalled. The Contractor shall expect a minimum of seven working days to have permanent signs reinstalled. The Contractor shall leave in place all necessary traffic control until given notice by the Engineer that permanent signing is in place and temporary traffic control may be removed.

Contact Jeremy Nash, City of Madison Traffic Engineering (608-266-6585), jnash@cityofmadison.com for questions on this special provision.

BID ITEM 10802 – ROOT CUTTING

The contract quantity is an undistributed amount to be used at the discretion of the Engineer.

SECTION 108.2 PERMITS

The Contractor shall meet the conditions of the permits by properly installing and maintaining the erosion control measures shown on the plans, specified in these Special Provisions, or as directed by the Engineer or his designees. This work will be paid for under the appropriate contract bid items or. A copy of the permit is available at the City of Madison, Engineering Division office.

The City's obtaining this permit is not intended to be exhaustive of all permits that may be required to be obtained by the Contractor for construction of this project. It shall be the responsibility of the Contractor to identify and obtain any other permits needed for construction.

The following permits have been obtained for this project:

- Wisconsin DNR Individual Permit for Dredging
- US Army Corps of Engineers Permit
- City of Madison Erosion Control Permit
- WDNR Storm Water Construction General Permit Notice of Intent (NOI)

It shall be the responsibility of the Contractor to obtain any and all additional permits that may be required for this project. Including the permits listed below, if required, all permit application costs, coordination and approvals required with these permits shall be considered incidental to the Mobilization bid item for the Contract.

- Wisconsin DNR Dewatering
- Pit/Trench Dewatering Permit (WPDES Permit No. WI-0049344-4).
- WPDES Dewatering Permit for Carriage and/or Interstitial Water from Dredging Operations (WPDES Permit No. WI-0046558-06-0)
- Short Duration Discharge Permit (WPDES Permit No. WI-0059137-4).
- High- Capacity Dewatering Well Permit. This permit is generally needed when dewatering at a rate over 70 gpm
- WI-DNR WRAPP/NOI (Notice of Intent) for the Contractor's chosen fill site (if the fill area exceeds 1 acre of disturbance).

SECTION 109.2 PROSECUTION OF WORK

Work cannot start on this contract until after the "Start to Work" letter has been received. The agreed upon start work date must be determined prior to the preconstruction meeting. Construction work must begin within seven (7) calendar days after the date appearing on the mailed notice that was sent to the Contractor. Construction work shall be carried out at a rate so as to secure full completion within the contract times outlined in Section 109.7, the rate of progress and the time of completion being essential conditions of this Agreement.

The earliest possible start date for work on this contract is **November 3, 2025.**

The Contractor shall install all traffic control, mobilization, erosion control, construction fencing, install all storm structures, utility line openings, and utility trenches, concrete sidewalk, dewater pond, excavate contaminated soil and transport to MMSD by **December 19, 2025.**

All dredging of uncontaminated sediment must be completed when the material is frozen as a condition of the WDNR permit. However, material that is contaminated around SC-3, may be removed when the material is not frozen. All excavation cut (dredging) shall be complete by **February 27, 2026.**

Disturbed areas that do not require regrading or additional topsoil shall be dormant native seeded **by March 15, 2026.** These areas shall be determined by the City Engineer and Parks Division.

All sediment stored at the MMSD dewatering site shall be dried to meet WM® Madison Prairie Landfill dredge acceptance criteria and removed from MMSD and hauled to the WM® Madison Prairie Landfill by **April 1, 2026.**

Disturbed areas that require topsoiling, seeding, and installation of erosion control matting shall be completed by **April 15, 2026.** These areas shall be determined by the City Engineer and Parks Division.

Asphalt installation for utility trench patch shall be complete no later than **May 30th, 2026.**

Work shall begin only after the start work letter is received and after the contract is fully executed and all permits are received. The Contractor shall notify the Engineer a minimum of four (4) weeks in advance of the selected start date in 2025. If notice is not provided, the start date may be delayed, and no additional compensation or time extensions will be granted for failure to provide the required notice.

SECTION 109.5: METHODS AND EQUIPMENT

The Contractor shall submit a Methods and Equipment Plan for approval by the Engineer prior to starting construction. A Methods and Equipment Plan shall include:

- The Contractor's approach for sediment/soil removal under BID ITEM 20101 – EXCAVATION CUT.
- The Contractor's approach for Stormwater Control under BID ITEM 90001 – STORMWATER CONTROL.
- The Contractor's approach for site dewatering under BID ITEM 90002 – SITE DEWATERING/GROUNDWATER CONTROL.
- The Contractor's approach for contaminated sediment removal under BID ITEM 90005 – EXCAVATION CUT CONTAMINATED SOIL.
- The Contractor's approach for dewatering sediment at MMSD Drying Bed under BID ITEM 90006 – DEWATER SEDIMENT AT MMSD DRYING BED.

The Contractor shall be prepared to discuss their methods and equipment plan at the pre-construction meeting.

SECTION 109.7 TIME OF COMPLETION

The Contractor shall begin work on or around **NOVEMBER 3, 2025.** Regardless of the start date, all site work shall be completed on or prior to **MAY 30, 2026.**

SECTION 110.1: MEASUREMENT OF QUANTITIES

All bid items listed in the proposal page for the Stricker Pond Forebay Dredging shall be paid for as measured in the field unless otherwise indicated in these special provisions, or there is a significant change approved by the Engineer.

Bid items that will be based on plan quantities and not measured in the field shall include all lump sum bid items and the following as identified in these special provisions:

- 20101 (Excavation Cut), 90005 (Excavation Cut Contaminated Soil), (90006 Dewater Sediment at MMSD Drying Bed), 90007 (Hauling and Disposal of Dry Material from MMSD to Landfill)

SECTION 210.1(d) STREET SWEEPING

When required, either by the erosion control plan or the Engineer, the Contractor shall perform mechanical street sweeping on all streets or paved surfaces affected by construction equipment, hauling or related construction activities that result in mud tracking or siltation. Mechanical street sweeping shall be completed as directed by the Engineer and shall remove all loose material to the satisfaction of the Engineer. Depending on site conditions, construction activities, and hauling methods utilized by the Contractor mechanical street sweeping may be required multiple times throughout the day with an absolute minimum that all streets are clean at the end of the workday. Areas not accessible by mechanical street sweepers may require hand scraping with shovels.

ARTICLE 500 SEWER AND SEWER STRUCTURES GENERAL

The sewer designer for the project is Todd Chojnowski. He may be contacted at (608) 266-4094 or tchojnowski@cityofmadison.com.

STORM SEWER GENERAL

It is anticipated that the outside temperatures during the installation of the storm sewer will trigger article 301.8(a) Cold Weather Protection of the latest edition of the City of Madison Standard Specifications for Public Works Construction. All standard and special bid items requiring field poured concrete should be bid with the anticipation that Cold Weather Protection shall be incidental to the work.

Reconnecting existing pipes to new structures shall be considered incidental to work required to construct the new structure or to construct the new sewer pipe and shall not be paid separately.

For structures that are removed, with no new structure, but additional pipe. New pipe shall be paid under the appropriate bid item and the pipe connection shall be accomplished with a concrete collar.

Where a new structure is to be constructed at an existing pipe, it is expected that the Contractor shall saw cut the existing pipe in the required location to accommodate the placement of the new structure. If the Contractor for their convenience deems it more suitable to remove the existing pipe to a full joint, the additional pipe and concrete collar required to reconnect to the new structure shall be the Contractor's responsibility and shall not be compensated.

Precast structures are only allowed where field poured structures are not specifically called for, and no precast structures are allowed until ULO's and associated revisions are completed and approval of the shop drawings by the design engineer has been received.

All locations identified for utility trench repairs shall receive temporary asphalt patches over winter where asphalt has been removed. Temporary asphalt patch material shall be approved by the Engineer. Temporary asphalt patches are incidental to the bid item of each storm utility structure being installed and shall not be paid separately.

BID ITEM 10911 – MOBILIZATION

Work under this bid item shall include all costs associated with all and multiple mobilizations of the Contractor to the site. The Contractor shall not stage equipment or materials outside of the project limits. Staging of materials within the street shall not be allowed.

Mobilization related to hauling, dewatering, and disposal of all sediment shall be incidental to mobilization, except for hauling, dewatering, and disposal of contaminated sediment. These shall be paid under BID ITEM 90006 – DEWATER SEDIMENT AT MMSD DRYING BED AND BID ITEM 90007 – HAULING AND DISPOSAL OF DRY MATERIAL FROM MMSD TO LANDFILL.

BID ITEM 20101 – EXCAVATION CUT

Work under this bid item shall include all labor, equipment, hauling, materials, and incidentals necessary to excavate existing clean sediment and soil to achieve the grades as represented by the contours on the plan set, as shown on the typical sections or as defined in these Special Provisions. Work under this bid item shall be in accordance with Article 201 of the latest addition of the City of Madison Standard Specifications for Public Works Construction.

Cut and fill quantities were calculated using the difference between the existing and proposed surfaces of the three-dimensional digital terrace models. No expansion or shrinkage factors have been applied to fill quantities to estimate net volume. The excavation quantities have been calculated to meet the proposed final grades. Sediment excavation is included in Excavation Cut.

The following Excavation Cut activities shall be paid at the Plan Quantity without measurement thereof:

- Removal and replacement of existing rock riprap (incidental as encountered)
- Sediment Excavation: 3,655 CY

Removal and replacement of existing rock riprap alongside slopes and shall be incidental to Excavation Cut. Removal of salvaged riprap and installation of new glacial riprap at apron end walls shall be paid separately under BID ITEM 20450 HEAVY RIPRAP – GLACIAL FIELD STONE. Any reused riprap shall be approved by the Construction Engineer.

It is anticipated that there shall be 100 CY of fill required to construct safety shelves and to tie into existing side slopes. Suitable materials (to be determined by the Construction Engineer) may be re-used as fill within the project limits. The existing soil is primarily clay and anticipated to be a suitable material for construction of the safety shelf. The Contractor shall review the soil borings prior to bidding.

The Contractor shall fill all excavated areas at the end of each workday in streets, sidewalks and public walkway areas.

The Contractor bidding shall take note and bid accordingly that no changes to this quantity will be approved during construction unless there are significant changes to the design. This is not limited to and includes minor differences in additional topographic surveys that may arise, earth movement, sediment build up, erosion, organics, design calculations and shrink/swell. No expansion or shrinkage factors have been or will be applied to the earthwork quantities. Three-dimensional CAD files containing the digital terrain models used for the earthwork calculations will be available for construction after bidding is complete.

Sediment Removal Methods and Materials

The Contractor shall submit a Methods and Equipment plan for approval by the Engineer prior to starting construction. The Contractor shall note that this shall include detailed information regarding plans for dredging, hauling and disposing of sediment. Sediment shall be removed using sealed water-tight trucks to a final disposal location provided by the Contractor.

After completion of excavation cut, prior to demobilization and finalizing sediment removal operations, the Contractor shall be required to provide a survey of the pond bottom to the Engineer for approval.

Temporary Stockpiles

Contractor is alerted that very little additional space is available within the project grading limits for material storage, staging, and other uses. The Contractor SHALL NOT temporarily stockpile dredged material. Dredge material must be directly loaded and hauled via watertight haul trucks with tailgate seals to eliminate the loss of water during hauling operations. These areas shall be protected with erosion control and will be restored in kind when construction is complete.. The Contractor may stage equipment, temporary stockpile only topsoil and store materials only within areas identified on the plans that will not affect existing trees to remain or protected vegetation. Any areas damaged with temporary stockpiles shall be repaired and reseeded with native vegetation at the Contractor's expense.

Any and all on-site topsoil stockpiles the Contractor deems necessary shall be enclosed with a silt sock provided at no additional cost. The Contractor shall not store Excavation Cut on site, with the exception of topsoil that is planned to be reused, for periods longer than 48 hours. The Contractor shall be mindful of predicted weather events and remove and/or protect cut material from erosion, accordingly.

Sediment Material Disposal

Sediment sampling and analytical results are provided in the appendix to these specifications.

Excess material generated during pond construction shall be hauled off-site and disposed of by the Contractor at a site provided by the Contractor at no additional charge to the City of Madison.

For disposal of all material, except as outlined under BID ITEM 90005 – Excavation Cut of Contaminated Soil, the Contractor shall select and identify a fill site, offsite reuse location, or land application site that will be used for disposal of dredged materials. The Contractor shall provide this information to the City of Madison no later than 15 calendar days prior to commencement of dredging activities or at the preconstruction conference, whichever comes first.

The Contractor shall be responsible for obtaining all necessary approvals from the WDNR for the offsite material. The Contractor shall be responsible for submitting [Accumulated Sediment End Use Certification Form 4400-248](#) Section 3, to the City of Madison.

The disposal site at a minimum shall meet the following NR 528.04(4) Performance Standards:

(1) No person may use or dispose of accumulated sediment at a site if there is a reasonable probability that the sediment end use will cause any of the following:

1. A significant adverse impact on wetlands as defined in ch. NR 103.
2. A take of an endangered or threatened species prohibited by s. 29.604, Stats.
3. A detrimental effect on any surface water.
4. A detrimental effect on groundwater that will cause or exacerbate an exceedance of any preventive action limit or enforcement standards at a point of standards application as defined in ch. NR 140. The point of standards application is defined by s. NR 140.22(1).

See the Article 108.2 Permits for additional requirements related to the disposal site.

Pond Sealing

The Contractor shall be responsible for ensuring the pond is sealed and holds a constant water elevation.

The Contractor shall determine and repair any areas that are leaking. Sealing shall be considered incidental to this contract.

Any dewatering plan design, coordination or permitting needed for this excavation shall be incidental to this bid item, BID ITEM – 90001 Stormwater Control and BID ITEM 90002 - Site Dewatering/Groundwater Control.

METHOD OF MEASUREMENT

Excavation Cut shall be paid by the cubic yard based on "Plan Quantity" without measurement thereof. No expansion or shrinking factors have been or will be applied to this quantity.

BASIS OF PAYMENT

Excavation Cut shall be paid at the contract price for work as defined above, which shall be considered full compensation for work, materials, labor and incidentals necessary to complete the work.

BID ITEM 20217- CLEAR STONE

DESCRIPTION

Work under this item shall include all costs associated with labor, materials, equipment and incidentals to provide and install clear stone as shown in the plan set and described in these Special Provisions and in accordance with the City of Madison Standard Specifications for Public Works Construction. The Contractor shall not stage equipment or materials outside of the project limits.

Work under this bid item includes 80 tons clear stone as required for BID ITEM – 21011 CONSTRUCTION ENTRANCE.

The Contractor shall note that there is already existing gravel at the entrance off of Longmeadow Road. The clear stone quantity reflects adding additional clear stone to this existing gravel entrance as needed for erosion control.

BID ITEM 20221 – TOPSOIL

DESCRIPTION

Work under this bid item shall include all labor, material, double handling, equipment, and incidentals required to segregate, temporarily stockpile topsoil, to place and distribute six (6) inches for site restoration upon completion of dredging operations. Fine grading shall be incidental to this bid item.

Areas for topsoil shall be determined by the Engineering in the field.

This quantity is estimated and will likely be reduced or eliminated.

The Contractor shall contact Paul Quinlan at (608) 267-4918, pquinlan@cityofmadison.com to inspect and approve the finish grade prior to seeding and matting.

Topsoil shall be shredded, pulverized and/or finely raked to remove all clods.

BASIS OF PAYMENT

Topsoil shall be paid at the contract price for work as defined above, which shall be considered full compensation for work, materials, labor and incidentals necessary to complete the work. Areas that require fine grading, but do not require topsoiling shall be paid at 80% of the per CY bid price for topsoil.

METHOD OF MEASUREMENT

Topsoil shall be measured in square yards of actual areas topsoiled within the limits of construction or as designated by the Engineer.

BID ITEM 21011 - CONSTRUCTION ENTRANCE

Work under this bid item shall include all labor, equipment, and incidentals necessary to provide, install, maintain, and remove a Construction Entrance, as shown. The construction entrances shall be constructed in accordance with the City of Madison Standard Specifications for Public Works Construction.

The Contractor shall maintain all construction entrances as part of this bid item. This shall include replacement in the event of failure or at the discretion of the Construction Engineer based on sedimentation of entrance.

The Contractor shall note that there is already existing gravel at the entrance off Longmeadow Road. The clear stone quantity reflects adding additional clear stone to this existing gravel entrance as needed for erosion control. Upon construction completion, the Contractor shall return this entrance to existing conditions and leave remaining clean gravel to provide a permanent construction entrance for maintenance operations. Returning this entrance to existing conditions shall be incidental to this bid item.

BID ITEM 21014 – CLEAR STONE BERM (DITCH CHECK)

DESCRIPTION

Work under this bid item shall include all work, materials, equipment and incidentals necessary to install a clear stone berm (ditch check) per standard detail 1.05. The clear stone berm ditch check shall be installed on the upstream side of the forebay, prior to discharging into Stricker Pond. This shall only be installed in the event of high water levels in the forebay that will discharge through the equalizer pipes, and not pumped through dewatering operations.

The quantity is estimated and may be may be eliminated or reduced based on field conditions.

BID ITEM 21017 – SILT SOCK (8 INCH) – COMPLETE

DESCRIPTION

Work under this item shall include all work, materials, labor and incidentals necessary for the Contractor to install, maintain, and remove 8-inch silt sock in accordance with the City of Madison Standard Specifications for Public Works Construction.

This contract includes 200 linear feet that have been added to the proposal page for silt sock around the terrace inlets as shown on the grading and erosion control plans and as undistributed silt sock. The quantity of this item may be reduced, increased, or eliminated based as needed for emergency sediment control.

BID ITEM 21024 – SILT SOCK (12 INCH) – COMPLETE

DESCRIPTION

Work under this item shall include all work, materials, labor and incidentals necessary for the Contractor to install, maintain, and remove 12-inch silt sock in accordance with the City of Madison Standard Specifications for Public Works Construction for TSS control and erosion control around dewatering sediment at the MMSD dewatering beds.

The quantity of this item shall be field measured and may be reduced, increased, or eliminated based as needed for perimeter control around sediment.

BID ITEM 21027 – EROSION CONTROL BALES – COMPLETE

DESCRIPTION

Work under this item shall include all work, materials, labor and incidentals necessary for the Contractor to install, maintain, and remove erosion control bales accordance with the City of Madison Standard Specifications for Public Works Construction for erosion control around dewatering sediment at the MMSD dewatering beds.

The quantity of this item may be reduced, increased, or eliminated based as needed for emergency sediment control and perimeter control around soil stockpiles. The quantity of this item shall be field measured and may be reduced, increased, or eliminated based as needed for perimeter control around sediment.

BID ITEM 21061 – EROSION CONTROL MATTING, CLASS I, URBAN TYPE A

DESCRIPTION

Work under this bid item shall include all work, materials, equipment and incidentals necessary to install Erosion Matting, Class I, Urban Type A. Plastic or photobiodegradable matting shall not be allowed, only 100% biodegradable materials shall be allowed.

The Erosion matting Class I, Urban Type A shall only be installed after all topsoiling and seeding has been approved.

The quantity is estimated and may be reduced or eliminated based on field conditions.

The Contractor shall contact Paul Quinlan at (608) 267-4918, pquinlan@cityofmadison.com to inspect and approve the finish grade prior to seeding and matting.

BID ITEM 21093 – TURBIDITY BARRIER

DESCRIPTION

Work under this bid item shall include all work, materials, equipment and incidentals necessary to install turbidity barrier.

This bid item may be eliminated if not necessary based on water levels as determined by the Engineer.

BID ITEM 90001 – STORMWATER CONTROL

DESCRIPTION

Work under this item shall include all work, materials, equipment, and incidentals required to control wet and dry weather flow in the construction area, forebay, banks and storm sewers for the duration of the project. This includes any storm sewer rerouting necessary for storm sewer and structure installation and dredging and restoring any disturbed areas within the project area affected by rain events during construction. The Contractor shall expect water to be present and flowing on the site and in storm sewer whenever it rains. The Contractor shall anticipate these conditions. The Contractor shall take all necessary steps to protect the new and existing structures, drainage paths, slopes, and any grading from damage during rain events during construction.

The project's storm sewer and forebay area receive a large amount of water during rain events, including overland flow. The Contractor shall be prepared to coordinate construction with these events, manage storm flow, reroute flow if necessary, secure construction materials and protect grading and surrounding area during rain events.

The Contractor shall be prepared to discuss their stormwater control plan in detail at the pre-construction meeting. Any additional material, equipment, erosion control devices, stone, etc. required to manage storm events and not otherwise identified in these Special Provisions shall be included with this bid item.

The Contractor shall be aware that any dewatering, including trench dewatering or pumping of accumulated storm water, shall include treatment for sediment removal prior to discharge off-site.

Work under this bid item shall include all labor, materials, equipment, and incidentals necessary to manage dry and wet weather flow and conditions within the project and proposed storm sewer to complete this project.

METHOD OF MEASUREMENT

Stormwater Control shall be measured as a Lump Sum for all storm control necessary throughout construction.

BASIS OF PAYMENT

Stormwater Control shall be paid for at the contract unit price, which shall be full compensation for all work as outlined in the description.

BID ITEM 90002 – SITE DEWATERING/GROUNDWATER CONTROL

DESCRIPTION

Work under this item shall conform with Sec. 502.1 of the latest edition of the City of Madison Standard Specifications for Public Works Construction and include all design, work, materials, equipment, permitting, fees and incidentals required to dewater the forebay area and site during construction or to work with the water on-site in a manner that is acceptable to the Contractor until the completion of the project, and allows the project to be constructed in accordance with these plans and specifications. This bid item shall also include any Type II Dewatering required for storm sewer construction.

The Contractor shall be responsible for designing a dewatering plan to fit his/her construction methods and for any permitting and approvals of said plan that is required. It is the Contractor's responsibility to identify, understand, follow any regulations and obtain any permitting required for dewatering this project. The Contractor shall create and complete a dewatering plan that meets any applicable regulations for approval prior to the beginning dewatering activities. The plan shall include proposed sediment control measures to be used during dewatering.

The Contractor shall obtain, from the Wisconsin Department of Natural Resources (WDNR) and pay any fees required for permitting as part of this bid item, If the Contractor determines groundwater dewatering is necessary, the Contractor shall be solely responsible for choosing a method of surface and groundwater control that is compatible with the constraints defined by the Wisconsin DNR and City of Madison. The Contractor shall be responsible for the adequacy of the system until construction is complete and shall take all necessary measures to ensure that the groundwater and dewatering operation will not endanger or damage any existing adjacent utility or structure.

The method and materials shall be designed, installed and operated in such a manner to provide satisfactory working conditions and to maintain the progress of work. The methods and systems shall be designed so as to avoid settlement or damage to adjacent property in accordance with the applicable legislative statutes and judicial decisions of the State of Wisconsin. All required pumping, drainage and disposal of groundwater shall be done without damage to adjacent property or structures, or to the operations of other contractors and without interference with the access rights of public or private parties.

The Contractor shall be aware that any dewatering, including trench dewatering or pumping of accumulated storm water, shall include treatment for sediment removal prior to discharge off-site. At a minimum, this treatment shall include filtering the water via a sediment bag prior to discharge. The geotextile bag shall have a 0.040 mm apparent opening size (AOS). If, at the determination of the Construction Engineer, this treatment process is not providing sufficient sediment removal, the Contractor shall add polymer to the sediment bag. These polymers shall comply with the WDOT standards for

Polyacrylamide Soil Stabilizers and shall conform to the WDOT's Product Acceptability List (PAL) for Soil Stabilizers, Type B.

The Contractor shall maintain dewatering activities until no longer needed for construction and the pond is filled.

Borings are provided as an attachment to the Special Provisions to assist the Contractor in determining what methods are required to dewater the site.

METHOD OF MEASUREMENT

Site Dewatering/Groundwater Control shall be measured as a Lump Sum for all dewatering necessary throughout construction.

BASIS OF PAYMENT

Site Dewatering/Groundwater Control shall be paid for at the contract unit price, which shall be full compensation for all work as outlined in the description.

BID ITEM 90003 – CONSTRUCTION SURVEYING

DESCRIPTION

The Contractor shall be responsible for all surveying and staking required for layout, construction and accurate completion of the project in accordance with the plans or any field changes directed by the Engineer. This includes staking all objects shown in the plans, utilities, access, limits, lines, contours, bid items, additional control, and grades required for construction of the project. An AutoCAD (.dwg) file will be provided by the City upon request after a bid is selected and prior to construction. This also includes any topographic surveying required to verify excavation and grades have been met. The Contractor shall be responsible for configuring the file to a usable format in order to set elevations, create nodes, alignments, or other useful data to facilitate surveying and staking.

The City of Madison shall provide initial local horizontal control (coordinates) and initial vertical control (benchmarks) for use during construction. The Contractor shall coordinate verification of the project layout and elevations with the City as necessary. The Contractor shall contact the City surveyor assigned to this project at least 48 hours prior to requesting elevation checks of grades, Storm sewer SAS elevations and any finished grades. If it is found during verification that the grading is not set to the correct limits, elevation, or material has not been removed the Contractor shall continue grading/excavation until the correct elevations/volumes are met at no additional cost to the City.

The Contractor shall use the established horizontal and vertical control points as provided by the City of Madison as initial control. The contractor may need to set additional control for the completion of the project. Additional control set by the contractor shall be incidental to this bid item. It is the Contractor's responsibility to check for accuracy of set control.

Orange construction and silt fence, as shown in the plans, shall be set prior to construction. This fence will be in place to protect the existing landscaping, trees, ground and vegetation on the site outside of the limits of disturbance and no disturbance, storage or stockpiling shall occur in that area.

The Contractor shall be required to submit an as-built CAD surface model of the bottom of pond elevations to the Engineer for approval at the following times:

- **After completion of excavation of sediment**

The Contractor shall not proceed and excavation shall not be considered completed until the as-built CAD surface model has been approved by the Engineer.

METHOD OF MEASUREMENT

Construction Surveying shall be measured as a Lump Sum for all described above and construction surveying necessary for project completion throughout construction. Including a final as-built of the wet forebay elevations.

BASIS OF PAYMENT

Construction Surveying shall be paid for at the contract unit price, which shall be full compensation for all work, materials and incidental to complete the work described above.

BID ITEM 90004 – WET POLLINATOR SEED MIX

Work under this bid item shall include all work, materials, labor, equipment and incidentals necessary to install Wet Pollinator Seed Mix as defined and in accordance with these special provisions and the City of Madison Standard Specifications for Public Works Construction.

The following are approved pre-designed mixes for Wet Pollinator Seed Mixes. Seed mixes shall be installed in accordance with Article 207 – Seeding of the City of Madison Standard Specifications for Public Works Construction.

Wet Pollinator Seed Mix:

1. Wet Pollinator Seed Mix as manufactured by Shooting Star Native Seed, Spring Grove, MN. Seed shall be placed at a rate of 8 lb/acre.
2. Detention Basin and Raingarden Mix as manufactured by Shooting Star Native Seed, Spring Grove, MN. Seed shall be placed at a rate of 8 lb/acre.
3. Stormwater Bioinfiltration Seed Mix as manufactured by Agrecol, Evansville, WI. Seed shall be placed at a rate of 6.0 lb/acre.
4. Detention Basin Seed Mix as manufactured by Prairie Moon Nursery, Winona, MN. Seed shall be placed at a rate of 9.56 lbs/acre.

Submit additions or substitutions and final mix to the Engineer for approval. The Engineer shall inspect and approve the seed prior to placement.

Seed shall be native ecotypes. No improved varieties are allowed. Seed source shall be native ecotypes from Southeast Minnesota, Eastern Iowa, Southern Wisconsin, or Northern Illinois.

These species shall be seeded prior to the installation of any erosion matting.

Wet pollinator seed mix shall be installed in winter for dormant native seeding immediately after ground disturbance.

The Contractor shall be required to submit the proposed seed mix to Sarah Lerner, at slerner@cityofmadison.com for approval prior to installation, and shall provide the City Inspector with receipts and photos of the seed bags prior to installation. The Contractor shall contact the Engineer for approval of grading prior to seeding and matting.

METHOD OF MEASUREMENT

Wet Pollinator Seed Mix shall be measured per square yard of material provided, transported, and placed onsite based on quantities listed in the proposal page.

BID ITEM 90005 – EXCAVATION CUT CONTAMINATED SOIL

DESCRIPTION

Work under this bid item shall include all labor, equipment, hauling, materials, and incidentals necessary to remove approximately 6" depth of 3,940 SF area of soil within the boundary identified as contaminated

soil identified on plans and transport material to the Madison Metropolitan Sewerage District Drying Beds located at 1717 Moorland Road. The Contractor will be responsible for defining the area in the field from the plans and verifying the area with City prior to removal.

Soil analytics are included in this contract in the appendix.

Sediment Removal Methods and Materials

The Contractor shall submit a Methods and Equipment plan for approval by the Engineer prior to starting construction. The Contractor shall note that this shall include detailed information regarding plans for dredging, hauling and disposing of sediment. Sediment shall be removed using sealed water-tight trucks to a sediment location provided by the Contractor.

The Contractor SHALL NOT temporarily stockpile contaminated soil dredged material. Dredge material must be directly loaded and hauled via watertight haul trucks with tailgate seals to eliminate the loss of water during hauling operations.

METHOD OF MEASUREMENT

Excavation Cut Contaminated Soil shall be paid by the cubic yard based on "Plan Quantity" without measurement thereof. No expansion or shrinking factors have been or will be applied to this quantity.

BASIS OF PAYMENT

Excavation Cut Contaminated Soil shall be paid at the contract price for work as defined above, which shall be considered full compensation for work, materials, labor and incidentals necessary to complete the work.

BID ITEM 90006 – DEWATER SEDIMENT AT MMSD DRYING BED

DESCRIPTION

Work under this bid item shall include all mobilizations, coordination, labor, equipment, and incidentals required dewater sediment at the Madison Metropolitan Sewerage District's East Drying Bed (MMSD) located at 1717 Moorland Road. This bid item shall include any and all work including any material moving, working, handling of dredged sediment materials as necessary for dewatering. Double handling of materials shall be anticipated and shall be included in this bid item to meet landfill acceptance criteria outlined in these special provisions.

The Contractor shall provide a dewatering plan in the Materials and Methods plan to the Engineer for approval prior to commencing dredging as identified in Section 109.5 of these Special Provisions. The Contractor shall include a dewatering timeline in the Construction Schedule for approval by the Engineer prior to beginning dredging work.

Sediment shall not be dewatered at MMSD prior to November 17, 2025 without the approval of the Engineer and MMSD.

At a minimum, material shall be worked or rotated 2x weekly or more at the Contractor's discretion to facilitate drying. The Contractor shall work the material such that "cells" of material are dried and made available for loading, hauling and disposal at the Madison Prairie Landfill. The Contractor may keep equipment needed to work the dredged materials on site at the MMSD drying bed. Equipment stored at MMSD shall be coordinated with MMSD and be stored on a paved surface or Contractor-made stone pad to minimize soil migration from unimproved areas. Material dewatering as part of this contract dewatering at MMSD may need to be moved within the MMSD drying bed by the Contractor periodically to make room for new material arriving to the drying bed from other projects.

Dewatered sediment shall be dried to meet WM® Madison Prairie Landfill dredge acceptance criteria, including:

1. Passing the test for free liquids (<https://www.epa.gov/hw-sw846/sw-846-test-method-9095b-paint-filter-liquids-test>)
2. Able to support its own weight as well as the weight of material placed over it to ensure landfill airspace buildup and slope stability
3. Capable of being worked and managed by the landfill's low ground pressure bulldozers, ie must be stackable and blade-able
4. Able to meet minimum unconfined compressive strength of 1,000 psf as demonstrated by ASTM Method D2166

The above requirements, are not inclusive of all required dredge acceptance criteria for the landfill. The Contractor shall be required to work with the landfill to determine acceptance requirements and any potential stabilization requirements prior to acceptance. The Madison Prairie Landfill Site Engineer can be reached at 608.837.9031 for further questions.

Prior to removing the material, the Contractor shall obtain a landfill profile of the sediment to determine if the sediment meets appropriate conditions and get confirmation from the landfill.

All Mobilization related to dewatering sediment shall be incidental to this Bid Item.

All contaminated sediment shall be dried to meet WM® Madison Prairie Landfill dredge acceptance criteria and removed from MMSD and hauled to WM® Madison Prairie Landfill by April 1, 2026.

METHOD OF MEASUREMENT

Dewater Sediment at MMSD shall be measured by Cubic Yards as listed on the proposal Page. No adjustment has been made to the quantity for shrink or swell or water content in the sediments in place or the additional water that will be carried as a result of the dredging. The Contractor will not be paid extra if the soil expands, or paid less once the soil shrinks from being dewatered.

BASIS OF PAYMENT

Dewater Sediment at MMSD shall be measured as described above and shall be paid for at the contract price which shall be full compensation for all mobilization, coordination, work, materials, labor, and incidentals required to complete the work as set forth in the description.

BID ITEM 90007 – HAULING AND DISPOSAL OF DRY MATERIAL FROM MMSD TO LANDFILL

DESCRIPTION

This bid item shall include all mobilizations, labor, materials, and vehicles necessary for re-loading dry material brought to the MMSD drying bed in water-tight, sealed trucks, hauling the material from the MMSD drying bed, located at 1717 Moorland Road, Madison, WI 53711, to the WM® Madison Prairie Landfill located at 6002 Nelson Road, Sun Prairie, WI 53590. This bid item shall include the unloading of, fees and disposal of the material at the Landfill.

Analytical test results for the sediment have already been submitted to the landfill to set up a disposal profile form and determine a tipping fee.

The Contractor shall be responsible for all fees and taxes related to landfill disposal.

The Waste Management Industrial Account Manager is Brian Smith (414.793.0232, bsmith45@wm.com).

Questions related to the analytical testing can be directed to Angela Wilcox-Hull, City of Madison Engineering 608.267.1986, awilcox-hull@cityofmadison.com.

The Engineer shall be notified 48 hours prior to hauling the first truck of material to the Landfill. The Contractor shall coordinate access and placement of the material with the Landfill.

Mobilization related to hauling and disposal of material from MMSD drying bed to the landfill shall be incidental to this bid item.

The Methods and Equipment plan shall include a plan for the gradual removal of dry sediment to be hauled from MMSD to the Landfill, as well as for erosion control and sediment bales at the MMSD drying beds.

Dewatered sediment shall be dried to meet WM® Madison Prairie Landfill dredge acceptance criteria, including:

1. Passing the test for free liquids (<https://www.epa.gov/hw-sw846/sw-846-test-method-9095b-paint-filter-liquids-test>)
2. Able to support its own weight as well as the weight of material placed over it to ensure landfill airspace buildup and maintain slope stability
3. Capable of being worked and managed by the landfill's low ground pressure bulldozers, ie must be stackable and blade-able
4. Able to meet minimum unconfined compressive strength of 1,000 psf as demonstrated by ASTM Method D2166.

The dredged material must be transported in leak proof, water tight and covered trucks to prevent leakage and air borne transport of sediments. Clean up of any spilled material will be solely at the Contractor's expense. The requirements above represent conditions as received at the landfill (not at the dredge site). Note that experience has shown that material properties can change significantly between the dredge site and the disposal site (likely due to the vibration during trucking). Meeting the minimum strength requirement above does not ensure the material will be acceptable at the landfill as the handling properties a-d must also be met for the materials to be received at the landfill. The Contractor shall be responsible for amending the material to be acceptable for receipt at the landfill at no additional cost to the City of Madison.

The above requirements, are not inclusive of all required dredge acceptance criteria for the Landfill. The Contractor shall be required to work with the Landfill to determine acceptance requirements and any potential stabilization requirements prior to acceptance.

Once all material has been removed from the MMSD drying bed, it will be restored as directed by the Engineer and paid under this bid item.

The Contractor SHALL BE responsible for all fees and taxes required to profile and dispose materials at the WM® Madison Prairie Landfill.

METHOD OF MEASUREMENT

Hauling and Disposal of Dry Material from MMSD to Landfill, as described above shall be plan quantity of Cubic Yards as listed on the Proposal Page.

BASIS OF PAYMENT

Hauling and Disposal of Dry Material from MMSD to Landfill, as measured above, shall be full compensation for all work, materials and incidentals to complete the work as described above. No adjustment has been made to the quantity for shrink or swell or water content in the sediments in place or the additional water that will be carried as a result of the dredging. The Contractor will not be paid extra if the soil expands or paid less once the soil shrinks from being dewatered.

BID ITEM 90008 – 6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 6' SUMP

Work under this item shall include all work, materials, and incidentals necessary to construct and install a 6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 3' SUMP below the existing invert. Construction of the 6'x6' Catch basin floor w/ 6' sump, walls and roof shall be in accordance with SDD 5.7.4. The Type 1 Terrace inlet shall be constructed in accordance with SDD 5.7.12. Construction of the interface between the Catch basin lid and the terrace inlet shall be constructed in accordance to D-3, TERRAC INLET TYPE 1 ON CATCH BASIN LID DETAIL, in the plan set.

- Removal of existing curb & gutter, concrete flume, concrete sidewalk, topsoil, and subgrade for installation of 6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 3' SUMP shall be considered incidental to this bid item.
- Installation of curb & gutter shall be considered incidental to this bid item.
- Installation of concrete sidewalk and flume shall be paid separately under BID ITEM 30302 - 5" CONCRETE SIDEWALK.
- Sawcutting of asphalt for utility patch trench shall be paid separately under BID ITEM 20303.
- Temporary asphalt patches as necessary to provide solid, stable surface prior to installation of permanent Utility Trench Patch Type III shall be incidental to this bid item.
- Replacement of curb & gutter to match in-kind, with the exception for modifications needed for the Type 1 Terrace Inlet per SDD 5.7.12, shall be incidental to this bid item.
- All backfill shall be incidental to this bid item.
- For restoration of structures installed in the road terrace, which include S-10 and S-30:
 - o Restoration for all disturbed areas within the terrace shall include installation of shredded topsoil, terrace seeding, and Class I, Urban Type A Erosion Control Matting which shall be performed in Accordance with the Standard Specifications for Public Works Contracts and shall be considered incidental to this bid item.

METHOD OF MEASUREMENT

6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 6' SUMP shall be measured per Each unit fully provided and installed as described above and per the City's standard specifications and details.

BASIS OF PAYMENT

6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 6' SUMP shall be paid for at the contract unit price, which shall be full compensation for all work, materials, tools, equipment, labor, and incidentals required to complete the work as set forth in the description.

BID ITEM 90009 – 6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 3' SUMP

Work under this item shall include all work, materials, and incidentals necessary to construct and install a 6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 3' SUMP below the existing invert. Construction of the 6'x6' Catch basin floor w/ 6' sump, walls and roof shall be in accordance with SDD 5.7.4. The Type 1 Terrace inlet shall be constructed in accordance with SDD 5.7.12. Construction of the interface between the Catch basin lid and the terrace inlet shall be constructed in accordance to D-3, TERRAC INLET TYPE 1 ON CATCH BASIN LID DETAIL, in the plan set.

- Removal of existing curb & gutter, concrete flume, concrete sidewalk, topsoil, and subgrade for installation of 6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 3' SUMP shall be considered incidental to this bid item.

- Installation of curb & gutter and all backfill shall be considered incidental to this bid item.
- Installation of concrete sidewalk shall be paid separately under BID ITEM 30302 - 5" CONCRETE SIDEWALK.
- Sawcutting of asphalt for utility patch trench shall be paid separately under BID ITEM 20303.
- Temporary asphalt patches as necessary to provide solid, stable surface prior to installation of permanent Utility Trench Patch Type III shall be incidental to this bid item.
- Replacement of curb & gutter to match in-kind, with the exception for modifications needed for the Type 1 Terrace Inlet per SDD 5.7.12, shall be incidental to this bid item.
- All backfill for terrace inlets shall be incidental to this bid item.
- For restoration of structures installed in the street terrace, which include S-20:
 - o Restoration for all disturbed areas within the terrace shall include installation of shredded topsoil, terrace seeding, and Class I, Urban Type A Erosion Control Matting which shall be performed in Accordance with the Standard Specifications for Public Works Contracts and shall be considered incidental to this bid item.

METHOD OF MEASUREMENT

6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 3' SUMP shall be measured per Each unit fully provided and installed as described above and per the City's standard specifications and details.

BASIS OF PAYMENT

6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 3' SUMP shall be paid for at the contract unit price, which shall be full compensation for all work, materials, tools, equipment, labor, and incidentals required to complete the work as set forth in the description.

END OF SPECIAL PROVISIONS

SECTION E: BIDDERS ACKNOWLEDGEMENT

CONTRACT TITLE STRICKER POND FOREBAY DREDGING

CONTRACT NO. 9657

Bidder must state a Unit Price and Total Bid for each item. The Total Bid for each item must be the product of quantity, by Unit Price. The Grand Total must be the sum of the Total Bids for the various items. In case of multiplication errors or addition errors, the Grand Total with corrected multiplication and/or addition shall determine the Grand Total bid for each contract. The Unit Price and Total Bid must be entered numerically in the spaces provided. All words and numbers shall be written in ink.

1. The undersigned having familiarized himself/herself with the Contract documents, including Advertisement for Bids, Instructions to Bidders, Form of Proposal, City of Madison Standard Specifications for Public Works Construction - 2025 Edition thereto, Form of Agreement, Form of Bond, and Addenda issued and attached to the plans and specifications on file in the office of the City Engineer, hereby proposes to provide and furnish all the labor, materials, tools, and expendable equipment necessary to perform and complete in a workmanlike manner the specified construction on this project for the City of Madison; all in accordance with the plans and specifications as prepared by the City Engineer, including Addenda to the Contract Nos. 0 through 0 issued thereto, at the prices for said work as contained in this proposal. (Electronic bids submittals shall acknowledge addendum under Section E and shall not acknowledge here)
2. If awarded the Contract, we will initiate action within seven (7) days after notification or in accordance with the date specified in the contract to begin work and will proceed with diligence to bring the project to full completion within the number of work days allowed in the Contract or by the calendar date stated in the Contract.
3. The undersigned Bidder or Contractor certifies that he/she is not a party to any contract, combination in form of trust or otherwise, or conspiracy in restraint of trade or commerce or any other violation of the anti-trust laws of the State of Wisconsin or of the United States, with respect to this bid or contract or otherwise.
4. I hereby certify that I have met the Bid Bond Requirements as specified in Section 102.5.
(IF BID BOND IS USED, IT SHALL BE SUBMITTED ON THE FORMS PROVIDED BY THE CITY. FAILURE TO DO SO MAY RESULT IN REJECTION OF THE BID).
5. I hereby certify that all statements herein are made on behalf of Drax Inc
(name of corporation, partnership, or person submitting bid) a corporation organized and existing under the laws of the State of DE a partnership consisting of _____; an individual trading as _____; of _____ the _____ City of _____
Madison State of WI; that I have examined and carefully prepared this Proposal, from the plans and specifications and have checked the same in detail before submitting this Proposal; that I have fully authority to make such statements and submit this Proposal in (its, their) behalf; and that the said statements are true and correct.

J Forman

SIGNATURE

Contract Specialist

TITLE, IF ANY

Sworn and subscribed to before me this 3rd day of September 20 25.

Jill M. Oelke

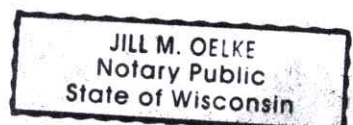
Jill M. Oelke

(Notary Public or other officer authorized to administer oaths)

My Commission Expires 12/25/25

Dane Co, WI

Bidders shall not add any conditions or qualifying statements to this Proposal.



Section F: Best Value Contracting (BVC) Fillable Online Form

Best Value Contracting

1. The Contractor shall indicate the non-apprenticeable trades used on this contract.

None

2. Madison General Ordinance (M.G.O.), 33.07(7), does provide for some exemptions from the active apprentice requirement. Apprenticeable trades are those trades considered apprenticeable by the State of Wisconsin. Please check applicable box if you are seeking an exemption.

☐ Contractor has a total skilled workforce of four or less individuals in all apprenticeable trades combined.

☐ No available trade training program; The Contractor has been rejected by the only available trade training program, or there is no trade training program within 90 miles.

☐ Contractor is not using an apprentice due to having a journey worker on layoff status, provided the journey worker was employed by the contractor in the past six months.

☐ First time contractor on City of Madison Public Works contract requests a onetime exemption but intends to comply on all future contracts and is taking steps typical of a "good faith" effort.

☐ Contractor has been in business less than one year.

☐ Contractor doesn't have enough journeyman trade workers to qualify for a trade training program in that respective trade.

☐ An exemption is granted in accordance with a time period of a "Documented Depression" as defined by the State of Wisconsin.

3. The Contractor shall indicate on the following section which apprenticeable trades are to be used on this contract. Compliance with active apprenticeship, to the extent required by M.G.O. 33.07(7), shall be satisfied by documentation from an applicable trade training body; an apprenticeship contract with the Wisconsin Department of Workforce Development or a similar agency in another state; or the U.S Department of Labor. This documentation is required prior to the Contractor beginning work on the project site.

☐ The Contractor has reviewed the list and shall not use any apprenticeable trades on this project.

LIST APPRENTICABLE TRADES (check all that apply to your work to be performed on this contract)

☐ BRICKLAYER

☒ CARPENTER

☐ CEMENT MASON / CONCRETE FINISHER

☐ CEMENT MASON (HEAVY HIGHWAY)

☐ CONSTRUCTION CRAFT LABORER

☐ DATA COMMUNICATION INSTALLER

☐ ELECTRICIAN

☐ ENVIRONMENTAL SYSTEMS TECHNICIAN / HVAC SERVICE TECH/HVAC INSTALL / SERVICE

☐ GLAZIER

☐ HEAVY EQUIPMENT OPERATOR / OPERATING ENGINEER

☐ INSULATION WORKER (HEAT and FROST)

☐ IRON WORKER

☐ IRON WORKER (ASSEMBLER, METAL BLDGS)

☐ PAINTER and DECORATOR

☐ PLASTERER

☐ PLUMBER

☐ RESIDENTIAL ELECTRICIAN

☐ ROOFER and WATER PROOFER

☐ SHEET METAL WORKER

☐ SPRINKLER FITTER

☐ STEAMFITTER

☐ STEAMFITTER (REFRIGERATION)

☐ STEAMFITTER (SERVICE)

☐ TAPER and FINISHER

☐ TELECOMMUNICATIONS (VOICE, DATA and VIDEO) INSTALLER-TECHNICIAN

☐ TILE SETTER

CONTRACT NO. 9657

Small Business Enterprise Compliance Report

**This information may be submitted electronically through
Bid Express or submitted with bid in sealed envelope.**

Cover Sheet

Prime Bidder Information

Company:	Drax Inc
Address:	1213 Sherman Ave
Telephone Number:	608-268-3468
Fax Number:	
Contact Person/Title:	Andrew Langum

Prime Bidder Certification

Name:	Scott Langum
Title:	VP
Company:	Drax Inc

I certify that the information contained in this SBE Compliance Report is true and correct to the best of my knowledge and belief.

andrew langum

Witness' Signature

9/4/25

Date

scott langum

Bidder's Signature

STRICKER POND FOREBAY DREDGING

CONTRACT NO. 9657

DATE: 09/04/2025

Drax, Inc

Item	Quantity	Price	Extension
Section B: Proposal Page			
10701 - TRAFFIC CONTROL - LS	1.00	\$500.00	\$500.00
10802 - ROOT CUTTING - SIDEWALK - LF	20.00	\$25.00	\$500.00
10911 - MOBILIZATION - LS	1.00	\$9,000.00	\$9,000.00
20101 - EXCAVATION CUT - CY	3655.00	\$40.00	\$146,200.00
20221 - TOPSOIL - SY	5501.00	\$5.00	\$27,505.00
20303 - SAWCUT ASPHALT - LF	127.00	\$12.00	\$1,524.00
20311 - REMOVE SEWER ACCESS STRUCTURE (STORM) - EA	1.00	\$1,500.00	\$1,500.00
20313 - REMOVE INLET - EA	2.00	\$400.00	\$800.00
21061 - EROSION MATTING, CLASS I, URBAN TYPE A - SY	5501.00	\$4.00	\$22,004.00
20217 - CLEAR STONE - TN	136.00	\$39.00	\$5,304.00
20256 - RIPRAP FILTER FABRIC, TYPE HR - SY	260.00	\$4.00	\$1,040.00
20450 - HEAVY RIPRAP - GLACIAL FIELD STONE - CY	10.00	\$150.00	\$1,500.00
20701 - TERRACE SEEDING - SY	200.00	\$2.75	\$550.00
21002 - EROSION CONTROL INSPECTION - EA	5.00	\$150.00	\$750.00
21011 - CONSTRUCTION ENTRANCE - EA	2.00	\$1,000.00	\$2,000.00
21013 - STREET SWEEPING - LS	1.00	\$1,500.00	\$1,500.00
21014 - CLEAR STONE BERM (DITCH CHECK) - EA	3.00	\$800.00	\$2,400.00
21017 - SILT SOCK (8 IN) COMPLETE - LF	200.00	\$6.00	\$1,200.00
21024 - SILT SOCK (12 INCH) COMPLETE - LF	200.00	\$12.00	\$2,400.00
21027 - EROSION CONTROL BALES - COMPLETE - LF	100.00	\$4.00	\$400.00
21052 - INLET PROTECTION, (RIGID FRAME) - COMPLETE - EA	10.00	\$300.00	\$3,000.00
21093 - TURBIDITY BARRIER - LF	100.00	\$19.00	\$1,900.00
21302 - CONSTRUCTION FENCE (PLASTIC) - LF	570.00	\$3.50	\$1,995.00
30302 - 5" CONCRETE SIDEWALK - SF	241.00	\$28.00	\$6,748.00
50211 - SELECT BACKFILL FOR STORM SEWER - TF	13.00	\$40.00	\$520.00
50226 - UTILITY TRENCH PATCH TYPE III - SY	37.90	\$100.00	\$3,790.00
50401 - 12 INCH TYPE 1 RCP STORM SEWER PIPE - LF	6.00	\$100.00	\$600.00
50420 - 24 INCH X 38 INCH TYPE 1 HERCP STORM SEWER PIPE - LF	7.00	\$150.00	\$1,050.00
50499 - CONCRETE COLLAR - EA	2.00	\$500.00	\$1,000.00
50722 - 6'X6' CATCH BASIN - EA	1.00	\$10,000.00	\$10,000.00
50801 - UTILITY LINE OPENING (ULO) - EA	4.00	\$800.00	\$3,200.00
90001 - STORMWATER CONTROL - LS	1.00	\$10,000.00	\$10,000.00
90002 - SITE DEWATERING/ GROUNDWATER CONTROL - LS	1.00	\$20,000.00	\$20,000.00
90003 - CONSTRUCTION SURVEYING - LS	1.00	\$10,000.00	\$10,000.00
90004 - WET POLLINATOR SEED MIX - SY	5501.00	\$6.00	\$33,006.00
90005 - EXCAVATION CUT CONTAMINATED SOIL - CY	75.00	\$400.00	\$30,000.00
90006 - DEWATER SEDIMENT AT MMSD DRYING BED - CY	75.00	\$250.00	\$18,750.00
90007 - HAULING AND DISPOSAL OF DRY MATERIAL FROM MMSD TO LANDFILL - CY	75.00	\$250.00	\$18,750.00
90008 - 6'X6' CATCH BASIN W/ TYPE 1 TERRACE INLET & 6' SUMP - EA	2.00	\$10,000.00	\$20,000.00
90009 - 6'X6' CATCH BASIN W/ TYPE 1 TERRACE INCLET & 3' SUMP - EA	1.00	\$15,000.00	\$15,000.00
40 Items	Totals		\$437,886.00



Department of Public Works

Engineering Division

James M. Wolfe, P.E. City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703

Phone: (608) 266-4751

Fax: (608) 264-9275

engineering@cityofmadison.com

www.cityofmadison.com/engineering

Deputy City Engineer

Bryan Cooper, AIA

Gregory T. Fries, P.E.

Chris J. Petykowski, P.E.

Deputy City Engineer

Kathleen M. Cryan

Principal Engineer 2

John S. Fahrney, P.E.

Janet Schmidt, P.E.

Principal Engineer 1

Mark D. Moder, P.E.

Fadi El Musa Gonzalez, P.E.

Andrew J. Zwieg, P.E.

Financial Manager

Steven B. Danner-Rivers

BIENNIAL BID BOND

Drax, Inc.

(a corporation of the State of Delaware)
(individual), (partnership), (hereinafter referred to as the "Principal") and

The Gray Casualty & Surety Company,

a corporation of the State of Louisiana (hereinafter referred to as the "Surety") and licensed to do business in the State of Wisconsin, are held and firmly bound unto the City of Madison, Wisconsin (hereinafter referred to as the "City"), in the sum equal to the individual proposal guaranty amounts of the total bid or bids of the Principal herein accepted by the City, for the payment of which the Principal and the Surety hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of this obligation is that the Principal has submitted to the City certain bids for projects from the time period of August 8, 2024 through August 7, 2026.

If the Principal is awarded the contract(s) by the City and, within the time and manner required by law after the prescribed forms are presented for its signature, the Principal enters into (a) written contract(s) in accordance with the bid(s), and files with the City its bond(s) guaranteeing faithful performance and payment for all labor and materials, as required by law, or if the City rejects all bids for the work described, then this obligation shall be null and void; otherwise, it shall remain in full force and effect.

In the event the Principal shall fail to execute and deliver the contract(s) or the performance and payment bond(s), all within the time specified or any extension thereof, the Principal and Surety agree jointly and severally to pay to the City within ten (10) calendar days of written demand a total equal to the sum of the individual proposal guaranty amounts of the total bid(s) as liquidated damages.

The Surety, for value received, hereby agrees that the obligations of it and its bond shall be in no way impaired or affected by any extension of time within which the City may accept a bid, and the Surety does hereby waive notice of any such extension.

This bond may be terminated by the Surety upon giving thirty (30) days written notice to the City of its intent to terminate this bond and to be released and discharged therefrom, but such termination shall not operate to relieve or discharge the Surety from any liability already accrued or which shall accrue before the expiration of such thirty (30) day period.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the day and year set forth below.

PRINCIPAL

Drax, Inc
COMPANY NAME AFFIX SEAL

09/AUGUST/2024
DATE

By: Carl H. Payson, president
SIGNATURE AND TITLE

SURETY

The Gray Casualty & Surety Company
COMPANY NAME AFFIX SEAL

August 8, 2024
DATE

By: David F. Druml
SIGNATURE AND TITLE
David F. Druml, Attorney-in-Fact

This certifies that I have been duly licensed as an agent for the Surety in Wisconsin under National Provider No. 7643916 for the year 2024 and appointed as attorney in fact with authority to execute this bid bond, which power of attorney has not been revoked.

August 8, 2024
DATE

David F. Druml
AGENT SIGNATURE David F. Druml

1135 Farragut Blvd
ADDRESS

Foster City, CA 94404
CITY, STATE AND ZIP CODE

(866) 243-2663
TELEPHONE NUMBER

Note to Surety and Principal: Any bid submitted which this bond guarantees may be rejected if the Power of Attorney form showing that the Agent of Surety is currently authorized to execute bonds on behalf of Surety is not attached to this bond.

CERTIFICATE OF BIENNIAL BID BOND

TIME PERIOD- VALID (FROM/TO)
FROM: August 8, 2024 / TO: August 7, 2026
NAME OF SURETY
The Gray Casualty & Surety Company
NAME OF CONTRACTOR
Drax, Inc.
CERTIFICATE HOLDER
City of Madison, Wisconsin

This is to certify that a biennial bid bond issued by the above-named Surety is currently on file with the City of Madison.

This certificate is issued as a matter of information and conveys no rights upon the certificate holder and does not amend, extend or alter the coverage of the biennial bid bond.

Cancellation: Should the above policy be cancelled before the expiration date, the issuing Surety will give thirty (30) days written notice to the certificate holder indicated above.


SIGNATURE OF AUTHORIZED CONTRACTOR REPRESENTATIVE

09/AUGUST/2024
DATE

**THE GRAY INSURANCE COMPANY
THE GRAY CASUALTY & SURETY COMPANY**

GENERAL POWER OF ATTORNEY

Bond Number: Bid Bond **Principal:** Drax, Inc

Project: Biennial Bid Bond, Madison, WI

KNOW ALL BY THESE PRESENTS, THAT The Gray Insurance Company and The Gray Casualty & Surety Company, corporations duly organized and existing under the laws of Louisiana, and having their principal offices in Metairie, Louisiana, do hereby make, constitute, and appoint: **David F. Druml, and Horace A. Nabers III of Foster City, California jointly and severally** on behalf of each of the Companies named above its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its deed, bonds, or other writings obligatory in the nature of a bond, as surety, contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed the amount of \$25,000,000.00.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both The Gray Insurance Company and The Gray Casualty & Surety Company at meetings duly called and held on the 26th day of June, 2003.

"RESOLVED, that the President, Executive Vice President, any Vice President, or the Secretary be and each or any of them hereby is authorized to execute a power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings, and all contracts of surety, and that each or any of them is hereby authorized to attest to the execution of such Power of Attorney, and to attach the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be binding upon the Company now and in the future when so affixed with regard to any bond, undertaking or contract of surety to which it is attached.

IN WITNESS WHEREOF, The Gray Insurance Company and The Gray Casualty & Surety Company have caused their official seals to be hereinto affixed, and these presents to be signed by their authorized officers this 4th day of November, 2022.



By:

Michael T. Gray

Michael T. Gray
President
The Gray Insurance Company

Cullen S. Piske

Cullen S. Piske
President
The Gray Casualty & Surety Company



State of Louisiana

SS: .

Parish of Jefferson

On this 4th day of November, 2022, before me, a Notary Public, personally appeared Michael T. Gray, President of The Gray Insurance Company, and Cullen S. Piske, President of The Gray Casualty & Surety Company, personally known to me, being duly sworn, acknowledged that they signed the above Power of Attorney and affixed the seals of the companies as officers of, and acknowledged said instrument to be the voluntary act and deed, of their companies.



Leigh Anne Henican
Notary Public
Notary ID No. 92653
Orleans Parish, Louisiana

Leigh Anne Henican

Leigh Anne Henican
Notary Public, Parish of Orleans State of Louisiana
My Commission is for Life

I, Mark S. Manguno, Secretary of The Gray Insurance Company, do hereby certify that the above and forgoing is a true and correct copy of a Power of Attorney given by the companies, which is still in full force and effect. IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Company this 8th day of August, 2024

Mark S. Manguno

I, Leigh Anne Henican, Secretary of The Gray Casualty & Surety Company, do hereby certify that the above and forgoing is a true and correct copy of a Power of Attorney given by the companies, which is still in full force and effect. IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Company this 8th day of August, 2024

Leigh Anne Henican



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

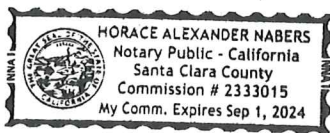
State of California)

County of San Mateo)On 8/8/2024 before me, Horace Alexander Nabers,
Date Here Insert Name and Title of the Officerpersonally appeared David F. Druml
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer — Title(s): _____☐ Partner — ☐ Limited ☐ General☐ Individual ☐ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____☐ Partner — ☐ Limited ☐ General☐ Individual ☐ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other: _____

Signer Is Representing: _____

SECTION H: AGREEMENT

THIS AGREEMENT made this 16th day of October in the year Two Thousand and Twenty Five between **Drax, Inc** hereinafter called the Contractor, and the City of Madison, a Wisconsin municipal corporation, hereinafter called the City.

WHEREAS, the Common Council of the City of Madison ("Council") under the provisions of a resolution adopted on **Oct 7, 2025** and by virtue of authority vested in the Council, has awarded to the Contractor the work of performing certain public construction.

NOW, THEREFORE, the Contractor and the City, for the consideration hereinafter named, agree as follows:

1. **Scope of Work.** The Contractor shall, perform the construction, execution and completion of the following listed complete work or improvement in full compliance with the Plans, Specifications, Standard Specifications, Supplemental Specifications, Special Provisions and Agreement; perform all items of work covered or stipulated in the Proposal; perform all altered or extra work; and shall furnish, unless otherwise provided in the contract, all materials, implements, machinery, equipment, tools, supplies, transportation, and labor necessary to the prosecution and completion of the work or improvements:

Stricker Pond Forebay Dredging CONTRACT NO. 9657

2. **Completion Date/Contract Time.** Construction work must begin within seven (7) calendar days after the date appearing on mailed written notice to do so shall have been sent to the Contractor and shall be carried at a rate so as to secure full completion SEE SPECIAL PROVISIONS, the rate of progress and the time of completion being essential conditions of this Agreement.
3. **Contract Price.** The City shall pay to the Contractor at the times, in the manner and on the conditions set forth in said specifications, the sum of **FOUR HUNDRED THIRTY SEVEN THOUSAND EIGHT HUNDRED EIGHTY SIX (\$437,886.00)** Dollars being the amount bid by such Contractor and which was awarded as provided by law.
4. **A. Non-Discrimination.** During the term of this Agreement, the Contractor agrees not to discriminate against any employee or applicant because of race, religion, marital status, age, color, sex, disability, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs, or student status. The Contractor further agrees not to discriminate against any subcontractor or person who offers to subcontract on this contract because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.

B. Affirmative Action. The Contractor agrees that within thirty (30) days after the effective date of this agreement, the Contractor will provide to the City Affirmative Action Division certain workforce utilization statistics, using a form to be furnished by the City.

If the contract is still in effect, or if the City enters into a new agreement with the Contractor, within one year after the date on which the form was required to be provided, the Contractor will provide updated workforce information using a second form, also to be furnished by the City. The second form

will be submitted to the City Affirmative Action Division no later than one year after the date on which the first form was required to be provided.

The Contractor further agrees that, for at least twelve (12) months after the effective date of this contract, it will notify the City Affirmative Action Division of each of its job openings at facilities in Dane County for which applicants not already employees of the Contractor are to be considered. The notice will include a job description, classification, qualifications and application procedures and deadlines, shall be provided to the City by the opening date of advertisement and with sufficient time for the City to notify candidates and make a timely referral. The Contractor agrees to interview and consider candidates referred by the Affirmative Action Division, or an organization designated by the Division, if the candidate meets the minimum qualification standards established by the Contractor, and if the referral is timely. A referral is timely if it is received by the Contractor on or before the date started in the notice.

Articles of Agreement

Article I

The Contractor shall take affirmative action in accordance with the provisions of this contract to ensure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin and that the employer shall provide harassment free work environment for the realization of the potential of each employee. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship insofar as it is within the control of the Contractor. The Contractor agrees to post in conspicuous places available to employees and applicants notices to be provided by the City setting out the provisions of the nondiscrimination clauses in this contract.

Article II

The Contractor shall in all solicitations or advertisements for employees placed by or on behalf of the Contractors state that all qualified or qualifiable applicants will be employed without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin.

Article III

The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice to be provided by the City advising the labor union or worker's representative of the Contractor's equal employment opportunity and affirmation action commitments. Such notices shall be posted in conspicuous places available to employees and applicants for employment.

Article V

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison, including the contract compliance requirements. The Contractor agrees to submit the model affirmative action plan for public works contractors in a form approved by the Affirmative Action Division Manager.

Article VI

The Contractor will maintain records as required by Section 39.02(9)(f) of the Madison General Ordinances and will provide the City Affirmative Action Division with access to such records and to persons who have relevant and necessary information, as provided in Section 39.02(9)(f). The City agrees to keep all such records confidential, except to the extent that public inspection is required by law.

Article VII

In the event of the Contractor's or subcontractor's failure to comply with the Equal Employment Opportunity and Affirmative Action Provisions of this contract or Section 39.03 or 39.02 of the Madison General Ordinances, it is agreed that the City at its option may do any or all of the following:

1. Cancel, terminate or suspend this Contract in whole or in part.
2. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.
3. Recover on behalf of the City from the prime Contractor 0.5 percent of the contract award price for each week that such party fails or refuses to comply, in the nature of liquidated damages, but not to exceed a total of five percent (5%) of the contract price, or ten thousand dollars (\$10,000), whichever is less. Under public works contracts, if a subcontractor is in noncompliance, the City may recover liquidated damages from the prime Contractor in the manner described above. The preceding sentence shall not be construed to prohibit a prime Contractor from recovering the amount of such damage from the non-complying subcontractor.

Article VIII

The Contractor shall include the above provisions of this contract in every subcontract so that such provisions will be binding upon each subcontractor. The Contractor shall take such action with respect to any subcontractor as necessary to enforce such provisions, including sanctions provided for noncompliance.

Article IX

The Contractor shall allow the maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this contract. (In federally funded contracts the terms "DBE, MBE, and WBE" shall be substituted for the term "small business" in this Article.)

5. **Substance Abuse Prevention Program Required.** Prior to commencing work on the Contract, the Contractor, and any Subcontractor, shall have in place a written program for the prevention of substance abuse among its employees as required under Wis. Stat. Sec. 103.503
6. **Contractor Hiring Practices.**
Ban the Box - Arrest and Criminal Background Checks. (Sec. 39.08, MGO)

This provision applies to all prime contractors on contracts entered into on or after January 1, 2016, and all subcontractors who are required to meet prequalification requirements under MGO 33.07(7)(l), MGO as of the first time they seek or renew pre-qualification status on or after January 1, 2016. The City will monitor compliance of subcontractors through the pre-qualification process.

- a. **Definitions.** For purposes of this section, "Arrest and Conviction Record" includes, but is not limited to, information indicating that a person has been questioned, apprehended, taken into custody or detention, held for investigation, arrested, charged with, indicted or tried for any felony, misdemeanor or other offense pursuant to any law enforcement or military authority.

"Conviction record" includes, but is not limited to, information indicating that a person has been convicted of a felony, misdemeanor or other offense, placed on probation, fined, imprisoned or paroled pursuant to any law enforcement or military authority.

"Background Check" means the process of checking an applicant's arrest and conviction record, through any means.

- b. **Requirements.** For the duration of this Contract, the Contractor shall:

1. Remove from all job application forms any questions, check boxes, or other inquiries regarding an applicant's arrest and conviction record, as defined herein.
2. Refrain from asking an applicant in any manner about their arrest or conviction record until after conditional offer of employment is made to the applicant in question.
3. Refrain from conducting a formal or informal background check or making any other inquiry using any privately or publicly available means of obtaining the arrest or conviction record of an applicant until after a conditional offer of employment is made to the applicant in question.
4. Make information about this ordinance available to applicants and existing employees, and post notices in prominent locations at the workplace with information about the ordinance and complaint procedure using language provided by the City.
5. Comply with all other provisions of Sec. 39.08, MGO.

- c. **Exemptions:** This section shall not apply when:

1. Hiring for a position where certain convictions or violations are a bar to employment in that position under applicable law, or
2. Hiring a position for which information about criminal or arrest record, or a background check is required by law to be performed at a time or in a manner that would otherwise be prohibited by this ordinance, including a licensed trade or profession where the licensing authority explicitly authorizes or requires the inquiry in question.

To be exempt, Contractor has the burden of demonstrating that there is an applicable law or regulation that requires the hiring practice in question, if so, the contractor is exempt from all of the requirements of this ordinance for the position(s) in question.

7. **Choice of Law and Forum Selection.** This Contract shall be governed by and construed, interpreted and enforced in accordance with the laws of the State of Wisconsin. The parties agree, for any claim or suit or other dispute relating to this Contract that cannot be mutually resolved, the

venue shall be a court of competent jurisdiction within the State of Wisconsin and the parties agree to submit themselves to the jurisdiction of said court, to the exclusion of any other judicial district that may have jurisdiction over such a dispute according to any law.

8. **Counterparts, Electronic Signature, and Delivery.** This Contract may be signed in counterparts, each of which shall be taken together as a whole to comprise a single document. Signatures on this Contract may be exchanged between the parties by facsimile, electronic scanned copy (.pdf) or similar technology and shall be as valid as original; and this Contract may be converted into electronic format and signed or given effect with one or more electronic signature(s) if the electronic signature(s) meets all requirements of Wisc. Stat. ch 137 or other applicable Wisconsin or Federal law. Executed copies or counterparts of this Contract may be delivered by facsimile or email and upon receipt will be deemed original and binding upon the parties hereto, whether or not a hard copy is also delivered. Copies of this Contract, fully executed, shall be as valid as an original.

Stricker Pond Forebay Dredging

CONTRACT NO. 9657

IN WITNESS WHEREOF, the Contractor has hereunto set his/her hand and seal and the City has caused this contract to be executed by its Mayor and City Clerk on the dates written below.

Countersigned:

Drax, Inc

Company Name

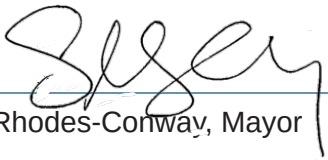
Coleen Langum 10/8/25
Witness Date

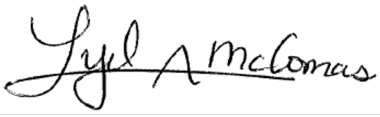
Phil H. Longmire 10/08/25
President Date

Coleen Langum 10/8/25
Witness Date

Phil H. Longmire 10/08/25
Secretary Date

CITY OF MADISON

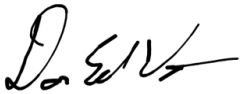
 10/16/2025
Satya Rhodes-Conway, Mayor Date

 10/14/2025
Lydia A. McComas, City Clerk Date

Provisions have been made to pay the liability that will accrue under this contract.

 10/15/2025
David P Schmiedicke, Finance Director Date

Approved as to form:

 10/15/2025
for Michael Haas, City Attorney Date

Execution of this Agreement by City was authorized by Resolution Enactment No. RES 25-00515
ID No. 89828, adopted by the Common Council of the City of Madison on Oct. 7, 2025.

SECTION I: PAYMENT AND PERFORMANCE BOND

LET ALL KNOW BY THESE DOCUMENTS PRESENTED, that we **Drax, Inc** as principal, and The Gray Casualty & Surety Company Company of Louisiana as surety, are held and firmly bound unto the City of Madison, Wisconsin, in the sum of **FOUR HUNDRED THIRTY SEVEN THOUSAND EIGHT HUNDRED EIGHTY SIX (\$437,886.00)** Dollars, lawful money of the United States, for the payment of which sum to the City of Madison, we hereby bind ourselves and our respective executors and administrators firmly by these presents.

The condition of this Bond is such that if the above bounden shall on his/her part fully and faithfully perform all of the terms of the Contract entered into between him/herself and the City of Madison for the construction of:

**Stricker Pond Forebay Dredging
CONTRACT NO. 9657**

in Madison, Wisconsin, and shall pay all claims for labor performed and material furnished in the prosecution of said work, and save the City harmless from all claims for damages because of negligence in the prosecution of said work, and shall save harmless the said City from all claims for compensation (under Chapter 102, Wisconsin Statutes) of employees and employees of subcontractor, then this Bond is to be void, otherwise of full force, virtue and effort.

Signed and sealed this 8th day of October, 2025

Countersigned:

Drax, Inc

Company Name (Principal)

Colleen Hasgum
Witness

Al H. Sayum II
President Seal

Al H. Sayum II
Secretary

The Gray Casualty & Surety Company
Surety Seal

☐ Salary Employee ☒ Commission

By David F. Druml
Attorney-in-Fact, David F. Druml

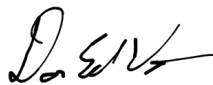
This certifies that I have been duly licensed as an agent for the above company in Wisconsin under National Producer Number 7643916 for the year 2025, and appointed as attorney-in-fact with authority to execute this payment and performance bond which power of attorney has not been revoked.

October 8, 2025
Date

David F. Druml
Agent Signature David F. Druml

The foregoing Bond has been approved as to form:

Oct. 15, 2025
Date _____


for City Attorney _____

**THE GRAY INSURANCE COMPANY
THE GRAY CASUALTY & SURETY COMPANY**

GENERAL POWER OF ATTORNEY

Bond Number: GSI0800027

Principal: Drax, Inc

Project: Contract 9657 Stricker pond forebay dredging, City of Madison, Madison, WI

KNOW ALL BY THESE PRESENTS, THAT The Gray Insurance Company and The Gray Casualty & Surety Company, corporations duly organized and existing under the laws of Louisiana, and having their principal offices in Metairie, Louisiana, do hereby make, constitute, and appoint: **David F. Druml, and Horace A. Nabers III of Foster City, California jointly and severally** on behalf of each of the Companies named above its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its deed, bonds, or other writings obligatory in the nature of a bond, as surety, contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed the amount of \$25,000,000.00.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both The Gray Insurance Company and The Gray Casualty & Surety Company at meetings duly called and held on the 26th day of June, 2003.

“RESOLVED, that the President, Executive Vice President, any Vice President, or the Secretary be and each or any of them hereby is authorized to execute a power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings, and all contracts of surety, and that each or any of them is hereby authorized to attest to the execution of such Power of Attorney, and to attach the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be binding upon the Company now and in the future when so affixed with regard to any bond, undertaking or contract of surety to which it is attached.

IN WITNESS WHEREOF, The Gray Insurance Company and The Gray Casualty & Surety Company have caused their official seals to be hereinto affixed, and these presents to be signed by their authorized officers this 4th day of November, 2022.



By:

Michael T. Gray

Michael T. Gray
President
The Gray Insurance Company

Cullen S. Piske

Cullen S. Piske
President
The Gray Casualty & Surety Company



State of Louisiana

ss:

Parish of Jefferson

On this 4th day of November, 2022, before me, a Notary Public, personally appeared Michael T. Gray, President of The Gray Insurance Company, and Cullen S. Piske, President of The Gray Casualty & Surety Company, personally known to me, being duly sworn, acknowledged that they signed the above Power of Attorney and affixed the seals of the companies as officers of, and acknowledged said instrument to be the voluntary act and deed, of their companies.



Leigh Anne Henican
Notary Public
Notary ID No. 92653
Orleans Parish, Louisiana

Leigh Anne Henican

Leigh Anne Henican
Notary Public, Parish of Orleans State of Louisiana
My Commission is for Life

I, Mark S. Manguno, Secretary of The Gray Insurance Company, do hereby certify that the above and forgoing is a true and correct copy of a Power of Attorney given by the companies, which is still in full force and effect. IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Company this 7th day of Oct., 2025

Mark S. Manguno

I, Leigh Anne Henican, Secretary of The Gray Casualty & Surety Company, do hereby certify that the above and forgoing is a true and correct copy of a Power of Attorney given by the companies, which is still in full force and effect. IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Company this 7th day of Oct. 2025.

Leigh Anne Henican



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

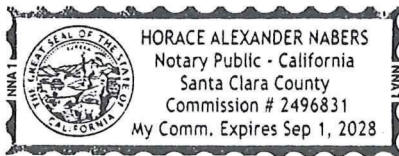
State of California)

County of San Mateo)On 10/7/2025 before me, Horace Alexander Nabers,
Date Here Insert Name and Title of the Officerpersonally appeared David F. Druml
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer — Title(s): _____☐ Partner — ☐ Limited ☐ General☐ Individual ☐ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____☐ Partner — ☐ Limited ☐ General☐ Individual ☐ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other: _____

Signer Is Representing: _____

Appendix A Permits

City of Madison Erosion Control Permit



City of Madison Engineering Division

EROSION CONTROL PERMIT

Permit Number: ENG100-2025-02966

City Engineering: (608) 266-4751

Location of Work: 1126 Middleton ST

Parcel: 070814103019

Permittee: Sarah Lerner

Telephone: (608) 261-4281

Email:

Owner: CITY OF MADISON PARKS

Telephone:

slerner@cityofmadison.com

FEE SCHEDULE		APPROVALS		
Full Plan Base Fee	200.00	Plan Review:	MAE	
Total Disturbed Area Fee	229.07	Issuance:	MAE	
Total Fee Amount	429.07			
Total Invoiced Amount	429.07			
Paid	429.07			Call 811 or (800) 242-8511 (262) 432-7910 (877) 500-9592 (emergency only)
Balance Due	0.00			

PROPOSED WORK: Stricker Pond Forebay Dredging

Project Description:

Permit Type: Full Plan

Construction Start Date: 11/8/2025

Permit Expiration Date: 10/31/2026

Seed Sod Restore Date: 5/15/2026

USLE Rate: 2.7

Total Disturbed Area: 45,813

☐ EC Checklist Attached

☒ EC Plan Attached

☐ Pumping Plan Attached

FOR CITY OF MADISON USE ONLY: APPROVED

Megan Eberhardt

07/01/2025

- Erosion Control Permit Reviewer

Date

Full Plan

See page two of this permit for Permit Conditions and Requirements.



City of Madison Engineering Division

EROSION CONTROL PERMIT

Permit Number: ENG100-2025-02966

City Engineering: (608) 266-4751

Location of Work: 1126 Middleton ST

Permittee: Sarah Lerner

Owner: CITY OF MADISON PARKS

Telephone: (608) 261-4281

Telephone:

Parcel: 070814103019

Email:

slerner@cityofmadison.com

Permit Conditions and Requirements:

Failure to abide by any of the following permit conditions will be considered a violation of the City's Erosion Control Ordinance (MGO Ch. 37) and can result in the issuance to the permittee and/or the property owner of Official Notices, citations, and/or referral to the City Attorney for resolution of non-compliance.

Erosion & Sediment Control Measures are to be installed prior to any land disturbance activities.

Within ten (10) days of the completion of the project or site stabilization the applicant shall submit an Erosion Control Notice of Termination (ECNOT). The ECNOT should be sent to the administrative authority that initially approved your permit.

The Erosion Control Permit applicant shall conduct a pre-construction meeting attended by a Professional Engineer responsible for initial implementation certification of the erosion control plan. The Professional Engineer shall document and submit minutes of this meeting to City Engineering.

A Professional Engineer currently licensed in the State of Wisconsin shall certify the initial installation and implementation of the measures shown on the approved erosion control plan. Documentation on the City's Installation Certification form shall be submitted to the administrative authority within one (1) week of the installation. The certification form can be found on the City's webpage at <http://www.cityofmadison.com/engineering/permits>

As part of the Erosion Control Permit requirements this construction project requires erosion control inspections and reporting by the permittee (or by their authorized inspector). Inspections shall be conducted a minimum of once per week and also after every 24-hour rain event of 0.5" or more precipitation. The results of these inspections shall be entered on the City's permit and inspection tracking system.

Dust Control, if applicable shall be provided, per WDNR Conservation Practice Standard 1068.

Trench Dewatering, if applicable shall be provided, per WDNR Conservation Practice Standard 1061.

All BMP's installed for erosion control shall be in accordance with the applicable WDNR Conservation Practice Standards found at: http://dnr.wi.gov/topic/stormwater/standards/const_standards.html



Contact Phone: 6082618592 Email: slerner@cityofmadison.com
(REQUIRED)

SECTION 4 – AUTHORIZED EROSION CONTROL INSPECTOR (IF KNOWN)

☐ Same as APPLICANT (check if YES, and continue with Section 5)

Company: _____

Full Name: _____
Last, First

Mailing Address: _____
Street

City, State Zip

Contact Phone: _____ Email: _____
(REQUIRED)

SECTION 5 – ENGINEER INFORMATION (OPTIONAL)

Engineer Name: Sarah Lerner

Contact Phone: 608-261-8592 Email: slerner@cityofmadison.com

SECTION 6 – PERMIT TYPE

Check only one option.

☐ Simplified Plan Checklist – Disturbed Area < 20,000 ft², Slopes < 6% (\$100.00 permit base fee)

1. Provide construction entrances with tracking controls.
2. Protect any inlets receiving run-off from the disturbed construction area.
3. Provide perimeter control to retain sediments on the construction site.
4. Provide timely restoration with 14 days of land disturbance activities.

☒ Full Erosion Control Plan (\$200.00 permit base fee)

- Attach erosion control report and plan for review.
- See attached Standard Operating Procedures for enforcement protocols.

☐ Renewal of Expired Permit (\$50.00 permit base fee)

SECTION 7 – FEE CALCULATION

Permit Base Fee

(Permit type selected above in Section 6)

Total Disturbed Area (ft²)

Erosion Control Area Fee - Full Erosion Control Plan ONLY (\$5/1000 ft² disturbed)

15697-84-200

Total Fees

\$	200.00
	45,813 ft ²
\$	229.07
\$	429.07

FEES RECEIVED

Office Use Only

Date _____
Amt _____
By _____

Make checks payable to "City Treasurer."

USLE Rate (ton/acre/year): 4.9 Construction Start Date: 11/08/2025 Restoration Date: 05/15/2026

All measures to be installed prior to any other construction. No disturbance, grading, stockpiles, or borrow pits shall be allowed in park area without approval by the Parks Division prior to construction. NO land disturbance work may proceed until this application has been approved and a permit issued. If the disturbed area is larger than 1 acre, permit will not be issued until copy of approved WDNR permit is received.

SECTION 8 – LANDOWNER AND APPLICANT SIGNATURE

I have reviewed and understand Chapter 37 of the Madison General Ordinances regarding erosion control, and I shall implement the control plan or checklist for this project as approved by the City.

As a condition of the granting of this permit, I authorize, and have the authority to authorize, City of Madison personnel the right-of-entry onto the above described premises for the purpose of inspecting and monitoring for compliance with the aforesaid ordinance.

Projects located in the Rock River TMDL Zone are subject to increased erosion control standards and enforcement in accordance with Resolution 14-00043 passed by the Madison Common Council on 1/21/2014 and will be expected to meet a higher standard of erosion control than the minimum standards set by the WDNR.

I acknowledge by submitting this application and signing below, that I shall be responsible for compliance with MGO Chapter 37 and the conditions of this permit.

Lisa Laschinger

Digitally signed by Lisa Laschinger
Date: 2025.06.30 14:05:53 -05'00'

LANDOWNER SIGNATURE

06/30/2025

DATE

Lisa Laschinger

LANDOWNER NAME (PLEASE PRINT)

Sarah Lerner

Digitally signed by Sarah Lerner
Date: 2025.06.30 14:31:55 -05'00'

APPLICANT SIGNATURE

DATE

Sarah Lerner

APPLICANT NAME (PLEASE PRINT)



Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.1 (12-05-2024)



YEAR 1

Developer:

Location A - Construction Entrance

Project:

Strickers Forebay Dredge

Date:

06/30/25

County:

Dane

Version 2.1

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	11/08/25	05/15/26	16.8%	150	Silt Loam	0.43	4.6%	87	0.45	1.00	4.9	0.933	Vegetative Buffer	2.7
End	05/15/26	-----	-----	-----	-----	-----	4.6%	87	0.45	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	4.6%	87	0.45	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	4.6%	87	0.45	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	4.6%	87	0.45	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	4.6%	0	-----	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	0.0%	0	-----	-----	-----	0.000		0.0
TOTAL											4.9		TOTAL	2.7
													% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.

The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.

For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Recommended Permanent Seeding Dates:

4/1-5/15 and 8/7-8/29 Turf, introduced grasses and legumes
Thaw-6/30 Native Grasses, forbs, and legumes

Designed By:	SCL
Date	6/30/2025



Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.1 (12-05-2024)



YEAR 1

Developer:

Location B - Safety Shelf

Project:

Strickers Forebay Dredge

Date:

06/30/25

County:

Dane

Version 2.1

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	11/08/25	05/15/26	16.8%	150	Silt Loam	0.43	10.0%	10	0.44	1.00	4.7	0.716	Vegetative Buffer	2.0
End	05/15/26	-----	-----	-----	-----	-----	10.0%	10	0.44	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	10.0%	10	0.44	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	10.0%	10	0.44	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	10.0%	10	0.44	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	10.0%	0	-----	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	0.0%	0	-----	-----	-----	0.000		0.0
TOTAL												4.7	TOTAL	2.0
													% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.

The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.

For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

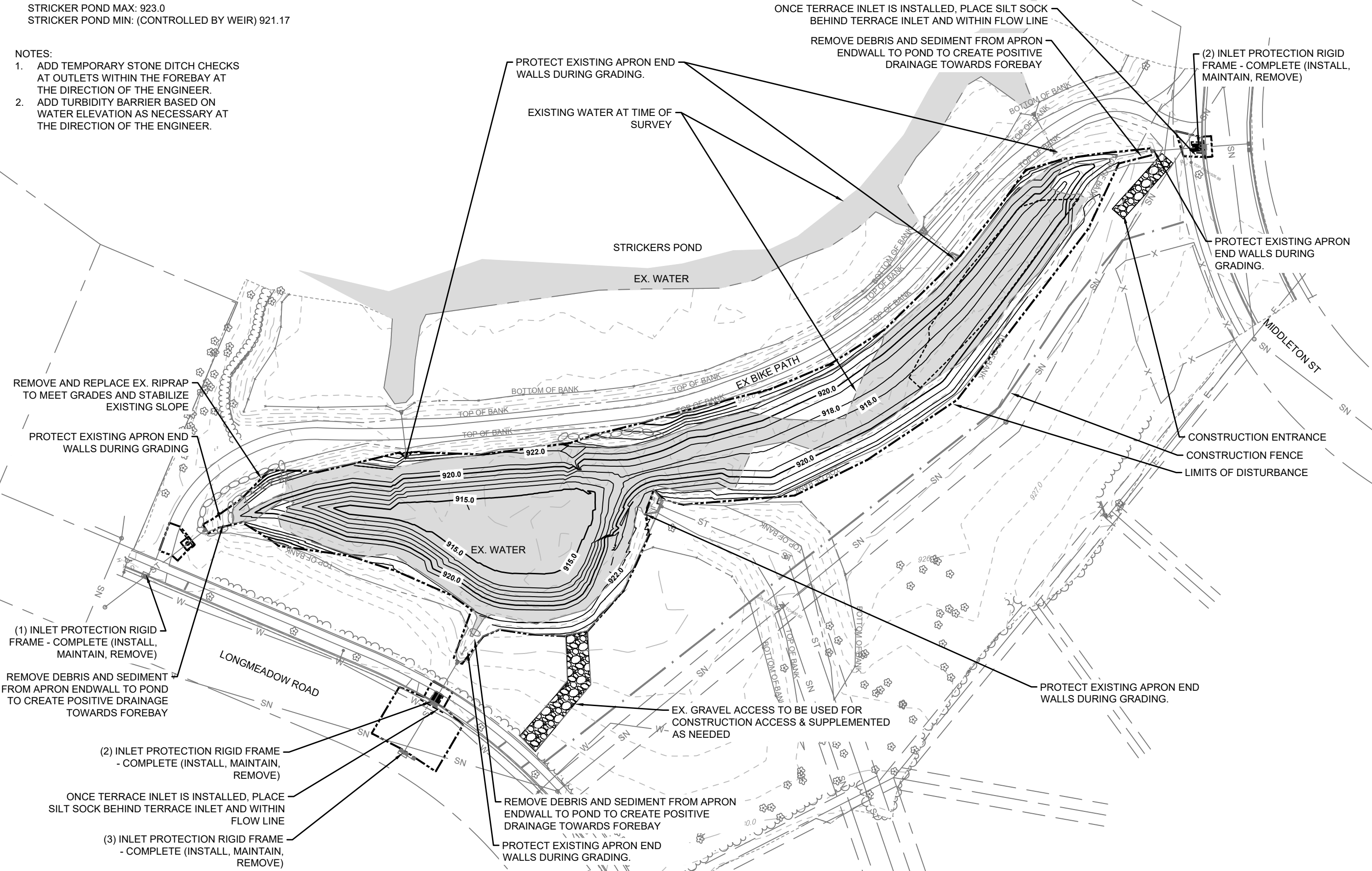
Recommended Permanent Seeding Dates:

4/1-5/15 and 8/7-8/29 Turf, introduced grasses and legumes
Thaw-6/30 Native Grasses, forbs, and legumes

Designed By:	SCL
Date	6/30/2025

STRICKER POND MAX: 923.0
STRICKER POND MIN: (CONTROLLED BY WEIR) 921.17

- NOTES:
1. ADD TEMPORARY STONE DITCH CHECKS AT OUTLETS WITHIN THE FOREBAY AT THE DIRECTION OF THE ENGINEER.
 2. ADD TURBIDITY BARRIER BASED ON WATER ELEVATION AS NECESSARY AT THE DIRECTION OF THE ENGINEER.



MARK	REVISION	DATE	BY
15697	15697	6/26/2025 11:05 AM	S1

15697
MADISON, WI
9657
CONTRACT NO:

GRADING AND EROSION CONTROL PLAN
STRICKER POND FOREBAY DREDGING
M:\DESIGN\Projects\15697\CAD\Storm\15697Storm.dwg



15697
GR-1

Registration/Logging In

NOTE: If you have already registered you can skip this section.

NOTE: The account you create will last for 400 days from the date of the last login.

NOTE: City of Madison Licenses & Permits link:

<https://elam.cityofmadison.com/citizenaccess/>

Registration

To register for an account with the City of Madison Licenses and Permits, click on **Register for an Account**.



Disclaimer

Read the disclaimer, and if you agree check the box below the disclaimer and click **Continue Registration**.

Account Registration

Anyone can use this site to research licenses & permit records and related activities, however, only registered users can use this site to apply for permits or request inspections.

Contractors, Architects, and Engineers will benefit from registering as they will gain a listing of the most recent permits associated to their license once they have added their license information to their account. Adding the license information can be done in Account Management upon login. This will provide the ability for appropriately licensed professionals to request inspections and purchase some permit types online, too.

It will be helpful if you have the following information available before continuing:

- Choose a user name and password
- Enter account and contact information
- Add Professional Licenses (optional)

General Disclaimer
Please use the following links to view the disclaimers.
[Conditions & Use](#)
[Accessibility](#)
[Privacy](#)
[Security Policy](#)
Once you have viewed the appropriate disclaimers check the 'I have read and
☐ I have read and accepted the above terms.
Continue Registration »

Enter Account Information

On the next screen enter the pertinent information to setup an account, and click **Continue Registration**.

NOTE: Please be as complete as possible in filling out fields.

NOTE: It is important to supply a valid email address. Successful completion of this process will end with a validation email sent to this address. This email allows the activation of the account.

Login Information

*User Name:
(14-32 characters may contain letters, numbers, and the following four: @ _ . special characters)

*Email Address:

*Password:
(10-30 characters)

*Type Password Again:

*Select a Security Question:
--select--
(used for identification if you forget your login information)

*Answer:
(20 characters maximum)

Contact Information

*First: *Middle: *Last:

Name of Business:

*Address Line 1:

*City:

*State:
--select--

*Zip:

Home Phone: Work Phone: Mobile Phone:

Fax: *Preferred Method of Contact:
--select--

Success

The success screen will be displayed. An email will be sent to the email address entered during the registration process.

Activate

You will receive an email after entering your account information, with a link at the bottom for account activation. Click the link to activate your account.

NOTE: Check your emails SPAM/JUNK folder if you don't find the email in your Inbox.

Once the link is clicked a browser window will open to City of Madison Licenses & Permits Login screen, and a welcome email is sent with the link to City of Madison Licenses and Permits website for future use.

Logging In

To login, click on Login in the upper right hand corner, then enter the User Name and Password that you selected when registering.

NOTE: The User Name or E-Mail box will accept either the user name you created when registering or the email address you used when registering.

The screenshot shows the City of Madison Licenses & Permits portal homepage. At the top, there is a navigation bar with links: HOME, MY ACCOUNT, SERVICES, AGENCIES, CONTACT US, and a SEARCH box. Below this is a banner with the text "CITY OF MADISON LICENSES & PERMITS" and a sub-header "City of Madison Licenses & Permits". The banner also includes a list of services: Clerk, Development Services Center, Engineering, Fire Prevention, Parks, Public Health, Street Vending & Sidewalk Cafes, and Support Center. Below the banner, there are two buttons: "Register for an Account" and "Login". The "Login" button is highlighted with a red box. Below the buttons, there is a "Home" button and a "Permitting" button. The "Permitting" button is highlighted with a yellow box. Below the buttons, there is a section titled "CITY OF MADISON LICENSES & PERMITS" with a welcome message: "We are pleased to offer our customers access, 24 hours a day, 7 days a week, to the Licenses & Permits portal."

ACCOUNT VERIFICATION

Welcome. If you are an existing user, please enter your user name and password in the LOGIN box. To add a license to your account, please click on the Account Management link after login and follow the prompts.

If you've forgotten your password, please click on the "I've forgotten my password" link, enter your email address and a new password will be sent to you. Please be sure to change your password once you have logged in with the password we have provided for you.

New Users

If you do not have an account, but would like to apply for a permit, you will need to register for an account. Please click on the "Register Now" button below to register. Once you have an account, you will have the added benefits of seeing a history of applications, access to invoices and receipts, checking on the status of pending activities, and more.

The screenshot shows the login form for the City of Madison Licenses & Permits portal. The form is titled "Login" and contains two input fields: "User Name or E-mail:" and "Password:". Both input fields are highlighted with red boxes. Below the input fields is a "Login »" button. Below the button is a checkbox labeled "Remember me on this computer". At the bottom of the form, there are two links: "I've forgotten my password" and "New Users: Register for an Account".

Inspections

This section covers how to complete an inspection for an Erosion Control Permit.

If you are the contractor associated with the permit, and this is your first time using the system, you will need to contact City Engineering staff to link the project to your account.

If you are a third party inspector who will be performing inspections for a contractor, and this is your first time performing inspections for the contractor, once your account has been created, contact the contractor to be granted access to their projects (assigned as a delegate to their online account).

NOTE: for steps to add a delegate click [here](#).

Once logged in, to access the Erosion Control Permit, click on either the **Permitting** tab or **Search Permit Application** to see a list of permits associated with your account.



The list of permits will contain all permits and inspections associated with your account. If you are a delegate for another user you will also see their permits and inspections.

NOTE: for steps to add a delegate click [here](#).

The Erosion Control permits will display an **Amendment** button under the **Action** column. To complete the Inspection for the associated Erosion Control permit click on the **Amendment** button.

NOTE: The Permit list may get quite long. It may help to sort the list. Click a column header once to sort the list by that column ascending. Click a column header twice to sort the list by that column descending.

For instruction on how to search for a permit click [here](#).

For instruction on how to create a collection of Active Erosion Control permits click [here](#).

Home

Permitting

Licenses/Registrations

[Search Permit Applications](#)

[Obtain a Fee Estimate](#)

[Apply for a Permit](#)

Records

Showing 1-1 of 1

[Add to collection](#)

[Add to cart](#)

[Copy Record](#)

Show on Map



☐	Date	Record Number	Record Type	Description	Project Name	Status	Action
☐	12/17/2012	ENG100-2012-01486	Engineering - Erosion Control	fgdfgsdfg		Permit Issued	Amendment

Completing an Inspection

After clicking the Amendment button the first of 3 steps that needs to be completed is selecting a Contractor on the Inspection Information step.

Using the Auto-fill is the easiest way to populate this information. You can select from your account information, associated contacts, or delegates.

Note: for steps to add a delegate click [here](#).

After the required information is completed click on the **Continue Application** button.

Step 1 : Create a New Inspection > Select Inspector

Using the Auto-fill is the easiest way to populate this information. You can select from your account information, associated contacts, or delegates.

* indicates a required field.

Authorized Inspector

☒ Auto-fill with

Jeff Moyer

* First:

Jeff

Name of Business

* Address Line 1:

201 Main St

--Logged In User Account Information--

Jeff Moyer

--Associated License--

DOROWS SEPTIC SERVICE - 1098

--Associated Contact--

AARON THOMPSON

Jeff Moyer

The next step is to enter the **Inspection Details**. The **Details** section is completed by filling in the appropriate information and the **Attachment** section is used for uploading needed documentation or photos for the Inspection.

Each BMP in the Items section needs to be updated with the inspection result. If a new condition needing inspection arises, you may need to add an additional BMP to the inspection record. Do not delete active BMPs. Note them as not applicable.

Details on this are below.

Engineering - Erosion Control Inspection

1 Create a New Inspection

2 Review

3 Application Submittal

Step 1: Create a New Inspection > Enter Inspection

Please enter the date the inspection occurred and the reason for the inspection. You may also enter any relevant weather information.

Each BMP in the Inspection Items section needs to be updated. You can update each BMP individually from the [Actions](#) link or update them as a group by placing a checkmark next to all the records you wish to update then click Edit Selected.

* indicates a required field.

Inspection Information

INSPECTION DETAILS

*Inspection Date:

*Reason for Inspection:

--Select--

Weather Notes:

[spill check](#)

Inspection Items

BMP

Showing 1-5 of 5

☐ Category	BMP	Description	Condition	Comments	Actions
☐	Construction Entrance	Rock Construction/Tracking Pads	Rock construction tracking pad		Actions
☐	Perimeter Control	Silt Fence	Standard Silt Fence		Actions
☐	Inlet Protection	Inlet Protection	Standard Inlet Protection		Actions
☐	Temporary Slope Stabilization	Erosion Control Mats	Erosion Control Mats		Actions
☐	Velocity Check	Stone Check Dam	Min 2 feet high, 3-6 inches R/P R/P w/ 1 foot Thickness of 2 inch on upstream side		Actions

Add a Row

Edit Selected

Delete Selected

Attachment

After selecting the files you wish to attach please click Save before Continuing. Permitting Information.

Name	Type	Size	Latest Update	Action
------	------	------	---------------	--------

No records found.

[Browse](#)

[Continue Application](#)

Save and resume later: 

Each Item needs to be updated with the inspection result. There are 2 ways to update items:

An individual update is accomplished by clicking the Actions button and selecting Edit.

The screenshot shows a table titled 'Items' with a sub-header 'BMP'. Below the header, it says 'Showing 1-5 of 5'. The table has four columns: 'Category', 'BMP', 'Description', and 'Condition Comments'. There are five rows of data. Each row has a checkbox in the 'Category' column and an 'Actions' dropdown menu in the 'Condition Comments' column. The 'Actions' dropdown menu is open for the first row, showing 'Edit' and 'Delete' options. Below the table are three buttons: 'Add a Row', 'Edit Selected', and 'Delete Selected'.

Category	BMP	Description	Condition Comments
☐ Construction Entrance	Rock Construction/Tracking Pads	Rock construction tracking pad	Actions ▼
☐ Perimeter Control	Silt Fence	Standard Silt Fence	Actions ▼
☐ Inlet Protection	Inlet Protection	Standard Inlet Protection	Actions ▼
☐ Temporary Slope Stabilization	Erosion Control Mats	Erosion Control Mats	Actions ▼
☐ Velocity Check	Stone Check Dam	Min 2 feet high, 3-6 inches RIP RAP w/ 1 foot Thickness of 2 inch on upstream side	Actions ▼

Buttons: Add a Row, Edit Selected, Delete Selected

A multiple update is accomplished by placing a checkmark in the checkbox next to all the records you wish to update then clicking Edit Selected.

The screenshot shows the same 'Items' table as before, but now all five checkboxes in the 'Category' column are checked. The 'Edit Selected' button is highlighted in blue. The 'Actions' dropdown menu is still open for the first row, showing 'Edit' and 'Delete' options. Below the table are three buttons: 'Add a Row', 'Edit Selected', and 'Delete Selected'.

Category	BMP	Description	Condition Comments
☒ Construction Entrance	Rock Construction/Tracking Pads	Rock construction tracking pad	Actions ▼
☒ Perimeter Control	Silt Fence	Standard Silt Fence	Actions ▼
☒ Inlet Protection	Inlet Protection	Standard Inlet Protection	Actions ▼
☒ Temporary Slope Stabilization	Erosion Control Mats	Erosion Control Mats	Actions ▼
☒ Velocity Check	Stone Check Dam	Min 2 feet high, 3-6 inches RIP RAP w/ 1 foot Thickness of 2 inch on upstream side	Actions ▼

Buttons: Add a Row, Edit Selected, Delete Selected

In either case a window will form will open that will allow you to update each item.

When the changes are complete click the **Submit** button to close the form and continue.

When all updates are complete for the Inspection Information click the **Continue Application**.

The next step is Review of the information submitted. Verify the information, and check to make sure that files that you uploaded are listed. Click the **Continue Application**.

The last page informs you that you were successful.

Appendix A

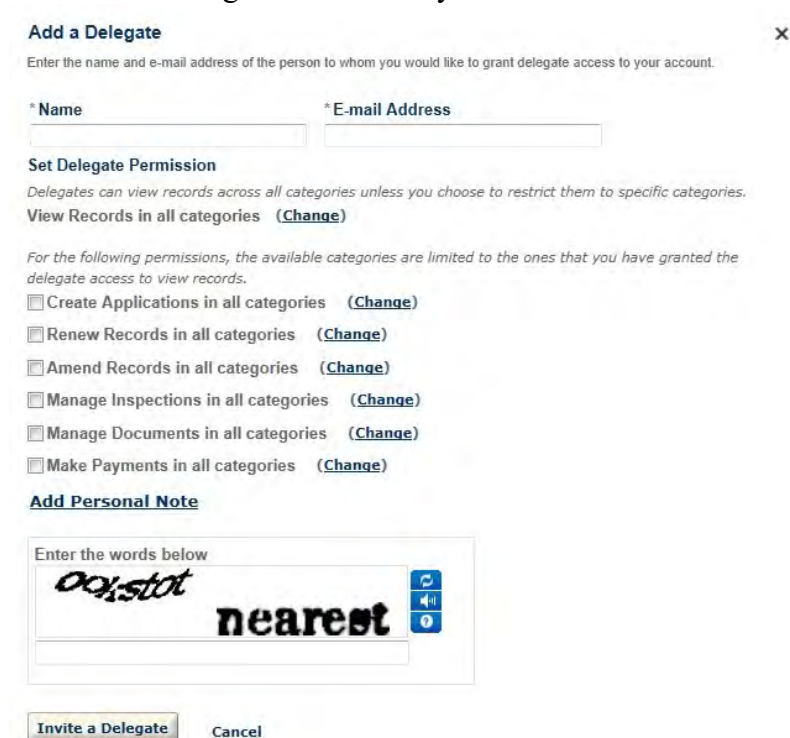
Add a Delegate

A delegate can perform actions in City of Madison Licenses & Permits on your behalf.

To add a delegate to your account or manage account information, click on the **Account Management** button. In Account Management click on **Add a Delegate**.



The following form will display. Complete the form and click the **Invite a Delegate** button to send an invitation to the email selected. The email address must be an email address that is registered with City of Madison Licenses & Permits.



An email will be sent and the recipient must agree to be a delegate.

Edit any of the information by clicking the “Edit” button next to the desired information.

Manage Your Account

Your current account information is shown below. Click an Edit button to update information within a section.

Account Type

Licensed Professional Account

Login Information[Edit](#)

User Name:

e-Mail:

Password:

Security Question:

Contact Information[Edit](#)

Jeff Public

Home Phone:

Personal

Work Phone:

Mobile Phone:

Fax:

E-mail

License Information

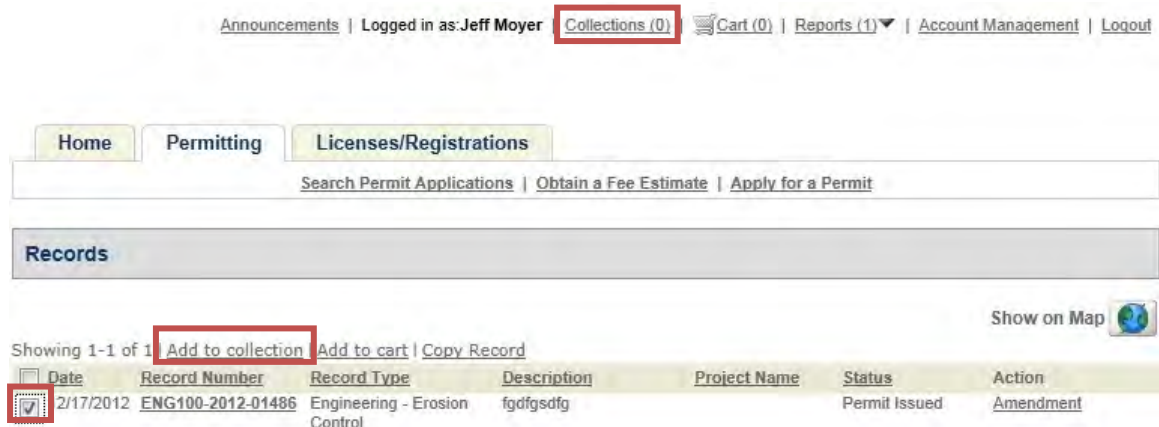
You may add professional license(s) to your public user account by clicking the Add a License button. Your professional license(s) may need to be validated by the agency before you can use it.

Appendix B

Create Active Erosion Control Collection

A collection is a quick way to group and search for records used often.

Once logged in, to access the Erosion Control Permit, click on either the **Permitting** tab or **Search Permit Application** to see a list of permits associated with your account.



To add a permit(s) to a collection check the checkbox next to the desired permits. Click the Add to collection button. At this point you can create the Active Erosion control Permits collection if it doesn't exist. If it does exist you can select it from the Existing Collection drop down.



Easily access/manage a collection by clicking on the **Collections** button on the toolbar across the top of your screen.

Appendix C

Permit Search

Search for Records

Enter information to search the City of Madison's Licenses & Permit Records. Search for records by entering in any combination of the following information:

- Site Address
- Contractor License Information
- Permit Type

Use the General Search dropdown menu to change the Search type if you would like to search by Address or Licensed Professional.

General Search General Search

☐ Search my records only

Permit Type:
--Select--

Record Number:

Project Name:

Start Date:
02/19/1961

End Date:
02/26/2013

Street No.:

Direction:
--Select--

Street Name:

Street Type:
--Select--

Unit Type:
--Select--

Unit No.:

Parcel No.:

City:

State:
--Select--

Zip:

License Type:
--Select--

License Number:

Name of Business:

Business License #:

First:

Last:

Search

Clear

Based on the type of search selected, type in the appropriate information then click the **Search** button and the results will be displayed.

Note: selecting the **Search my records only** checkbox will limit the search results to records associated with your account.

Note: selecting the **Permit Type** of Erosion Control will limit the search results to records that are Erosion Control.

21 Record results matching your search results

Click any of the results below to view more details.

Show on Map 

Showing 1-10 of 21 | [Add to collection](#) | [Add to cart](#)

☐	<u>Date</u>	<u>Record Number</u>	<u>Record Type</u>	<u>Description</u>	<u>Project Name</u>	<u>Status</u>	<u>Action</u>
☐	02/12/2013	ENG100-2013-00234	Engineering - Erosion Control	Internal AA Check		Inspection Failed	
☐	02/12/2013	ENG100-2013-00218	Engineering - Erosion Control			Permit Issued	Amendment
☐	02/08/2013	ENG100-2013-00216	Engineering - Erosion Control			Open	
☐	02/08/2013	ENG100-2013-00215	Engineering - Erosion Control			Open	
☐	02/08/2013	ENG100-2013-00214	Engineering - Erosion Control			Open	
☐	02/08/2013	ENG100-2013-00213	Engineering - Erosion Control			Open	
☐	02/08/2013	ENG100-2013-00212	Engineering - Erosion Control			Open	
☐	02/08/2013	ENG100-2013-00211	Engineering - Erosion Control			Open	
☐	01/24/2013	ENG100-2013-00140	Engineering - Erosion Control	11th Addition to Nine Springs WWTP		Maintenance Needed	
☐	01/24/2013	ENG100-2013-00139	Engineering - Erosion Control			Open	

< Prev 1 2 3 Next >

If the search returns more than 10 Permits the pages will be listed below. The maximum number of Permits that can be returned is 100.

A Permit can be selected by clicking on the Permit number of the desired Permit.

**City of Madison Engineering Erosion Control Enforcement
Standard Operation Procedures & Common Requirements (Updated 5/3/24)**

*To better provide uniform oversight and obtain erosion control compliance on projects
under the City Engineering's jurisdiction for inspection and enforcement.*

1. Warnings will be provided twice during the duration of a project for erosion control violations of MGO Ch 37. Any violations after the two warnings will result in the issuance of a citation. Blatant disregard for erosion control on a site will bypass these courtesy warnings and receive an immediate citation.
2. Non-compliance violations and warnings for administrative and field items will be tracked separately.
3. Administrative non-compliance shall include, but not be limited to: failure to hold a required preconstruction meeting, failure to submit erosion control plan initial implementation certification form, failure to complete weekly inspection report, or failure to complete a post-rain event inspection report.
4. For permitted projects that are required to submit weekly inspection reports, compliance checks are run automatically every Monday morning at 6:00 AM. To be considered in compliance, an online inspection report must be completed before this automatic compliance check is performed. Property owners, applicants, and authorized inspectors will receive an automatic email notice that the required inspection report has not been completed. **This is not to be considered a reminder system; if this email notice is sent, the site is already in non-compliance.**
5. Post-rain event inspection report compliance will be run manually by City Engineering 48 hours after the rain event day. Notices of non-compliance will be sent to property owners, applicants, and authorized inspectors for permitted projects that have not completed the required inspection report.

Property owners, applicants, and their authorized inspectors will **NOT** be reminded by City Engineering when a rain event requiring inspection occurs (0.5 inches or larger). The permit holder or their authorized inspector(s) will need to check for rainfall amounts. The rain gauge closest to the construction site should be used to determine rainfall amount. Rain gauges at the construction site or any other location will not be acceptable, as they can't be verified by City staff in a timely manner.

West Side: http://infosyahara.org/rainfallgauges_station2

East Side: <http://w1.weather.gov/data/obhistory/KMSN.html>

Central: http://infosyahara.org/rainfallgauges_station1

In the event the closest rain gauge is out of order, the gauge for the other side of town shall be referenced. If all gauges are out of order, default to the "Madison Area" Location on the National Weather Service website: <https://www.weather.gov/wrh/climate?wfo=mkx>

6. Field non-compliance shall include, but is not limited to: land disturbance work without a permit, working without erosion control measures installed, improperly installed erosion control measures, failure to maintain erosion control measures, tracking of sediment onto adjacent streets or property, discharge of silt laden runoff or pump discharge from the site, etc.
7. Field violations will generate warnings from the City inspector that will be conveyed on-site to the project superintendant (if available) and by email notice to the property owner, applicant, and authorized inspector.
8. If the usual notice and citation methods fail to result in the permitted site being brought into compliance with MGO Ch 37 requirements, additional enforcement measures such as, but not limited to, stop work orders or referral to the City Attorney will be used.
9. In the case of a safety hazard, City staff will attempt to obtain immediate corrective action to remedy on the part of the contractor, property owner, or applicant. If immediate action is not available (unable to contact or parties refuse to comply immediately), City Engineering will take necessary measures to correct the hazard and bill these costs to the property owner as a special charge per MGO. In the case of a refusal to comply, this will result in an immediate field violation and issuance of a citation as well.



Department of Public Works
Engineering Division

James M. Wolfe, City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
Phone: (608) 266-4751
Fax: (608) 264-9275
E5@cityofmadison.com
www.cityofmadison.com/engineering

EROSION CONTROL PLAN INITIAL IMPLEMENTATION CERTIFICATION FORM

Erosion Control Permit
Number: _____

Project Name: _____

Site Address: _____

Certifying Engineer: _____

Certification Date: _____

INITIAL EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP) INSTALLED:

BMP	Comments

(attach additional sheets as needed)

ADDITIONAL EROSION CONTROL BMPS TO BE IMPLEMENTED AS-NEEDED:

BMP	Comments

(attach additional sheets as needed)

EROSION CONTROL PLAN INITIAL IMPLEMENTATION CERTIFICATION FORM

Erosion Control Permit
Number: _____

Project Name: _____

Site Address: _____

Certifying Engineer: _____

Certification Date: _____

INITIAL EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP) INSTALLED:

BMP	Comments

(attach additional sheets as needed)

ADDITIONAL EROSION CONTROL BMPS TO BE IMPLEMENTED AS-NEEDED:

BMP	Comments

(attach additional sheets as needed)

WDNR Individual Chapter 30 Permit for Dredging

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
3911 Fish Hatchery Rd.
Fitchburg, WI, 53711

Tony Evers, Governor
Karen Hyun, Ph.D., Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



July 9, 2025

City of Madison Engineering
Attn: Jim Wolfe
210 Martin Luther King Jr Blvd Room 115
Madison, WI 53703
[sent electronically]

IP-SC-2025-13-01112

RE: Permit #IP-SC-2025-13-01112 to dredge Stricker's Pond located in the SW 1/4, NE 1/4, Section 14, Township 07, Range 08E in the City of Madison, Dane County.

Dear Mr. Wolfe:

The Department of Natural Resources has completed its review of your application for a permit to dredge materials from Stricker's Pond located in the SW 1/4, NE 1/4, Section 14, Township 07, Range 08E, in the City of Madison, Dane County. You will be pleased to know your application is approved.

I am attaching a copy of your permit, which lists the many important conditions that must be followed to protect water quality and habitat. A copy of the permit must be posted for reference at the project site. **Please read your permit conditions carefully so that you are fully aware of what is expected of you.**

Please note one of the conditions requires that you submit photographs of the completed project within 7 days after you've finished construction. This helps both of us to document the completion of the project and compliance with the permit conditions.

Your next step will be to notify me of the date on which you plan to start construction and again your project is complete.

If you have any questions about your permit, please call me at (608) 228-4067 or you can reach me by email at Allen.Ramminger@wisconsin.gov

Sincerely,

Allen Ramminger
Water Management Specialist

Email CC:
Alan Vorse, USACE Project Manager
City Zoning Administrator
WDNR Conservation Warden
Consultant
Waterways/Wetlands file
Clean Lakes Alliance

**STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES**

**DREDGE PERMIT
IP-SC-2025-13-01112**

Application of Jim Wolfe is hereby granted under Section 30.20(2), Wisconsin Statutes, a permit to dredge materials from Stricker's Pond located in the SW 1/4, NE 1/4, Section 14, Township 07, Range 08E, in the City of Madison, Dane County, subject to the following conditions:

PERMIT

1. You must notify Allen Ramming by phone at (608) 228-4067 or by email at Allen.Ramming@wisconsin.gov before starting construction and again not more than 5 days after the project is complete.
2. You must complete the project as described on or before July 9, 2028. If you will not complete the project by this date, you must submit a written request for an extension **prior** to expiration of the initial time limit specified in the permit. Your request must identify the requested extension date. The Department shall extend the time limit for an individual permit or contract for no longer than an additional 5 years if you request the extension before the initial time limit expires. You may not begin or continue construction after the original permit expiration date unless the Department extends the permit in writing or grants a new permit.
3. This permit does not authorize any work other than what you specifically describe in your application and plans, and as modified by the conditions of this permit. If you wish to alter the project or permit conditions, you must first obtain written approval of the Department.
4. Before you start your project, you must first obtain any permit or approval that may be required for your project by local zoning ordinances and/or by the U.S. Army Corps of Engineers. You are responsible for contacting these local and federal authorities to determine if they require permits or approvals for your project. These local and federal authorities are responsible for determining if your project complies with their requirements.
5. Upon reasonable notice, you shall allow access to your project site during reasonable hours to any Department employee who is investigating the project's construction, operation, maintenance, or permit compliance.
6. The Department may modify or revoke this permit for good cause, including if the project is not completed according to the terms of the permit or if the Department determines the activity is detrimental to the public interest.
7. **You must post a copy of this permit at a conspicuous location on the project site**, visible from the waterway, for at least five days prior to construction, and remaining at least five days after construction. You must also have a copy of the permit and approved plan available at the project site at all times until the project is complete.
8. Your acceptance of this permit and efforts to begin work on this project signify that you have read, understood, and agreed to follow all conditions of this permit.
9. You must **submit a series of photographs** to the Department, within one week of completing work on the site. The photographs must be taken from different vantage points and depict all work authorized by this permit.
10. You, your agent, and any involved contractors or consultants may be considered a party to the violation pursuant to Section 30.292, Wis. Stats., for any violations of Chapter 30, Wisconsin Statutes, or this permit.
11. Construction shall be accomplished in such a manner as to minimize erosion and siltation into surface waters. Erosion control measures (such as silt fence and straw bales) must meet or exceed the technical standards of ch. NR 151, Wis. Adm. Code. The technical standards are found at: http://dnr.wi.gov/topic/stormwater/standards/const_standards.html.
12. All equipment used for the project including but not limited to tracked vehicles, barges, boats, hoses, sheet pile and pumps shall be de-contaminated for invasive and exotic viruses and species prior to use and after use. The following steps

must be taken every time you move your equipment to avoid transporting invasive and exotic viruses and species. To the extent practicable, equipment and gear used on infested waters shall not be used on other non-infested waters.

1. **Inspect and remove** aquatic plants, animals, and mud from your equipment.
2. **Drain all water** from your equipment that comes in contact with infested waters, including but not limited to tracked vehicles, barges, boats, hoses, sheet pile and pumps.
3. **Dispose** of aquatic plants, animals in the trash. Never release or transfer aquatic plants, animals or water from one waterbody to another.
4. **Wash your equipment** with hot (>140° F) and/or high-pressure water,
- OR -

Allow your equipment to **dry thoroughly for 5 days**.

SPECIFIC DREDGING CONDITIONS

13. The applicant will install silt fence along the bike trail with J hooks on either end directing the turtles back to the main pond. The fence will be removed during unfrozen ground conditions after construction is complete or once dormant season begins. This will also include installation of temporary welded wire around culverts connected to the main pond in August prior to dormant season. These will be removed after dormant season begins. Applicant or contractor to physically remove any amphibians (as needed) to clear the site just prior to dredging.

14. The city will also hire a wildlife biologist to install hoop traps, along with turtle inspection, capture and re-release to capture turtles within the forebay and relocate them to a suitable city owned habitat prior to the dormant season. If needed, the city will also hire a wildlife biologist to perform frog meander surveys. However, recommendations from the wildlife biologist suggest that based on timing, they would likely be able to self-relocate.

15. Prior to construction the City of Madison will coordinate with the City of Middleton to lower Stricker's Pond levels to the extent possible late summer/early fall – based on the existing weir elevation of 921.17 and based on storm conditions. This shall be within the 920.5 MSL and 923 MSL required under 3-SC-2001-13-6053LR. This will lower Stricker's forebay and encourage herptiles to migrate to the pond prior to construction and prior to the herptile hibernation period starting in October.

16. All of the removed materials must be placed in the location shown on applicant's plan. Dredging around sample points SC-3 will be landfilled. Sample points SC-2 and SC-1 can be utilized as clean fill which is approved by the Department.

17. This permit complies with the substantive requirements of s. 23.24, Stats. and NR 109, Adm. Code.

18. Bottom materials must be removed by equipment, which is designed to minimize the amount of sediment that can escape into the water. Equipment must be properly sized so that excavation conforms to the plans submitted and allows the work to be done from the banks rather than in the waterway.

19. During excavation of the pond, earth must be stockpiled in an upland area separated from the stream by a protective, vegetated buffer strip.

20. Removal must not exceed 4,000 cubic yards as specified in the application and plans dated

21. The Contractor shall obtain all necessary dewatering/dredging permits necessary for construction activities associated with dredging, and dewatering and disposal of sediment including but not limited to the following after determining the need with the DNR. Provide copies of correspondence with the DNR regarding need for these permits to the City of Madison.

22. Dredging to be completed as part of this permit and will be done so with standard earthmoving equipment such as backhoes and dump trucks. Dredged materials will be hauled in water-tight trucks.

23. You must dredge to the dimensions and elevations shown on your approved plans labelled as city project 15697, contract 9657.

24. You must not deposit or store any of the removed materials in any wetland or below the ordinary high watermark of any waterway. All removed materials must be placed out of the floodway of any stream.

25. You must use clean, washed gravel/crushed stone as backfill material for the trench to replace the excavated material.
26. A copy of the plans and permit must be provided to every contractor working on the project.

FINDINGS OF FACT

1. Jim Wolfe, 210 Martin Luther King Jr Blvd Room 115, Madison, WI 53703, filed an application with this Department on 04/09/2025, under sections 30.20(2) and 30.208, Wisconsin Statutes, to dredge Stricker's Pond located in the SW 1/4, NE 1/4, Sec. 14, T07N, R08E, City of Madison, Dane County.
2. The applicant proposes to contained on quarter-quarter section.
3. The Department has completed an investigation of the project site and has evaluated the project as described in the application and plans.
4. Stricker's Pond is a navigable water (and no bulkhead exists at the project site).
5. The proposed project, if constructed in accordance with this permit will not adversely affect water quality, will not increase water pollution in surface waters and will not cause environmental pollution as defined in s. 283.01(6m), Wis. Stats.
6. The proposed project won't impact wetlands if constructed in accordance with this permit.
7. The Department of Natural Resources has determined that the agency's review of the proposed project constitutes an integrated analysis action under s. NR 150.20(2), Wis. Adm. Code. The Department has considered the impacts on the human environment, alternatives to the proposed projects and has provided opportunities for public disclosure and comment. The Department has completed all procedural requirements of s. 1.11(2)(c), Wis. Stats., and NR 150, Wis. Adm. Code for this project.
8. The Department of Natural Resources and the applicant have completed all procedural requirements and the project as permitted will comply with all applicable requirements of Sections 30.20 and 30.208, Wisconsin Statutes and Chapters NR 102, 103, and 345 of the Wisconsin Administrative Code.

The applicant was responsible for fulfilling the procedural requirements for publication of notices under s. 30.208(5)(c)1m., Stats., and was responsible for publication of the notice of pending application under s.30.208(3)(a), Stats. or the notice of public informational hearing under s.30.208(3)(c), Stats., or both. S. 30.208(3)(e), Stats., provides that if no public hearing is held, the Department must issue its decision within 30 days of the 30-day public comment period, and if a public hearing is held, the Department must issue its decision within 20 days after the 10-day period for public comment after the public hearing. S. 30.208(5)(bm), Stats., requires the Department to consider the date on which the department publishes a notice on its web site as the date of notice.
9. The activity will not cause environmental pollution as defined in s. 299.01(4).
10. No material injury will result to the riparian rights of any riparian owners of real property that abuts any water body that is affected by the activity.

CONCLUSIONS OF LAW

1. The Department has authority under the above indicated Statutes and Administrative Codes to issue a permit for the construction and maintenance of this project.

2. The Department has complied with s. 1.11, Wis. Stats.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions shall be filed. For judicial review of a decision pursuant to sections 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review shall name the Department of Natural Resources as the respondent.

To request a contested case hearing of any individual permit decision pursuant to section 30.209, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources, P.O. Box 7921, Madison, WI, 53707-7921. The petition shall be in writing, shall be dated and signed by the petitioner, and shall include as an attachment a copy of the decision for which administrative review is sought. If you are not the applicant, you must simultaneously provide a copy of the petition to the applicant. If you wish to request a stay of the project, you must provide information, as outlined below, to show that a stay is necessary to prevent significant adverse impacts or irreversible harm to the environment. If you are not the permit applicant, you must provide a copy of the petition to the permit applicant at the same time that you serve the petition on the Department.

The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the 30-day period for filing a petition for judicial review.

A request for contested case hearing must meet the requirements of section 30.209, Wis. Stats., and sections NR 2.03, 2.05, and 300.09(5), Wis. Admin. Code, and if the petitioner is not the applicant the petition must include the following information:

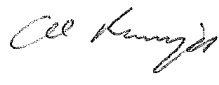
1. A description of the objection that is sufficiently specific to allow the department to determine which provisions of this section may be violated if the proposed permit or contract is allowed to proceed.
2. A description of the facts supporting the petition that is sufficiently specific to determine how the petitioner believes the project, as proposed, may result in a violation of Chapter 30, Wis. Stats.
3. A commitment by the petitioner to appear at the administrative hearing and present information supporting the petitioner's objection.

If the petition contains a request for a stay of the project, the petition must also include information showing that a stay is necessary to prevent significant adverse impacts or irreversible harm to the environment.

Dated at the South-Central Region Headquarters, Wisconsin on July 9, 2025.

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

For the Secretary

By: 

Allen Ramminger

Water Management Specialist

WDNR WPDES Storm Water Permit



July 14, 2025

CJ Ryan
City of Madison Site
330 E. Lake St.
Madison WI 53715
Via email: cryan@cityofmadison.com

Re: Coverage Under WPDES General Permit No. WI-S067831-06: **Construction Site Storm Water Runoff**

Permittee Name: **City of Madison Site**
Site Name: **Stricker Forebay Dredge and Catch Basins**
WDNR FIN: **100201**

Dear CJ Ryan:

The Wisconsin Department of Natural Resources received your Water Resources Application for Project Permits or Notice of Intent, on July 01, 2025, for the **Stricker Forebay Dredge and Catch Basins** site and has evaluated the information provided regarding storm water discharges from your construction site. We have determined that your construction site activities will be regulated under ch. 283, Wis. Stats., ch. NR 216, Wis. Adm. Code, and in accordance with Wisconsin Pollutant Discharge Elimination System (WPDES) General Permit No. WI-S067831-06, Construction Site Storm Water Runoff. All erosion control and storm water management activities undertaken at the site must be done in accordance with the terms and conditions of the general permit.

The **Start Date** of permit coverage for this site is **July 14, 2025**. The maximum period of permit coverage for this site is limited to **3 years** from the **Start Date**. Therefore, permit coverage automatically expires and terminates 3 years from the Start Date and storm water discharges are no longer authorized unless another Notice of Intent and application fee to retain coverage under this permit or a reissued version of this permit is submitted to the Department 14 working days prior to expiration.

A copy of the general permit along with extensive storm water information including technical standards, forms, guidance and other documents is accessible on the Department's storm water program Internet site. To obtain a copy of the general permit, please download it and the associated documents listed below from the following Department Internet site:
<http://dnr.wi.gov/topic/stormwater/construction/forms.html>

- Construction Site Storm Water Runoff WPDES general permit No. WI-S067831-06
- Construction site inspection report form
- Notice of Termination form

If, for any reason, you are unable to access these documents over the Internet, please contact me and I will send them to you.

To ensure compliance with the general permit, please read it carefully and be sure you understand its contents. Please take special note of the following requirements (This is not a complete list of the terms and conditions of the general permit.):

1. The Construction Site Erosion Control Plan and Storm Water Management Plan that you completed prior to submitting your permit application must be implemented and maintained throughout construction. Failure to do so may result in enforcement action by the Department.

2. Construction dewatering discharges from an area subject to remedial action operations or from an area containing contamination that would be subject to remedial action operations are not eligible for coverage under this permit (section 1.1.2.3). Discharges may be eligible for coverage under the [Contaminated Groundwater from Remedial Action Operations General Permit \(WI-0046566-07-0\)](#).

3. The general permit requires that erosion and sediment controls be routinely inspected at least every 7 days, and within 24 hours after a rainfall event of 0.5 inches or greater. Weekly written reports of all inspections must be maintained. The reports must contain the following information:

- a. Date, time, and exact place of inspection;
- b. Name(s) of individual(s) performing inspection;
- c. An assessment of the condition of erosion and sediment controls;
- d. A description of any erosion and sediment control implementation and maintenance performed;
- e. A description of the site's present phase of construction.

4. A **Certificate of Permit Coverage** must be posted in a conspicuous place on the construction site. The Certificate of Permit Coverage (WDNR Publication # WT-813) is enclosed for your use.

5. When construction activities have ceased and the site has undergone final stabilization, a Notice of Termination (NOT) of coverage under the general permit must be submitted to the Department.

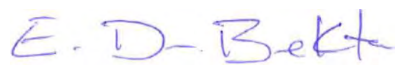
It is important that you read and understand the terms and conditions of the general permit because they have the force of law and apply to you. Your project may lose its permit coverage if you do not comply with its terms and conditions. The Department may also withdraw your project from coverage under the general permit and require that you obtain an individual WPDES permit instead, based on the Department's own motion, upon the filing of a written petition by any person, or upon your request.

If you believe that you have a right to challenge this decision to grant permit coverage, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to ss. 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review must name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to s. 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. All requests for contested case hearings must be made in accordance with s. NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with s. NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the 30-day period for filing a petition for judicial review.

Thank you for your cooperation with the Construction Site Storm Water Discharge Permit Program. If you have any questions concerning the contents of this letter or the general permit, please contact me at (608) 333-6579.

Sincerely,



E. Dan Bekta, P.E.
South Central Region
Storm Water Program

ENCLOSURE: Certificate of Permit Coverage



CERTIFICATE OF PERMIT COVERAGE

UNDER THE WPDES CONSTRUCTION SITE STORM WATER RUNOFF PERMIT Permit No. WI-S067831-06

Under s. NR 216.455(2), Wis. Adm. Code, landowners of construction sites with storm water discharges regulated by the Wisconsin Department of Natural Resources (WDNR) Storm Water Permit Program are required to post this certificate in a conspicuous place at the construction site. This certifies that the site has been granted WDNR storm water permit coverage. The landowner must implement and maintain erosion control practices to limit sediment-contaminated runoff to waters of the state in accordance with the permit.

EROSION CONTROL COMPLAINTS should be reported to the WDNR Tip Line at **1-800-TIP-WDNR (1-800-847-9367)**

Please provide the following information to the Tip Line:

WDNR Site No. (FIN): 100201

Site Name: Stricker Forebay Dredge and Catch Basins

Address/Location: 1126 Middleton Street City of MADISON

Additional Information:

Landowner: City of Madison Site

Landowner's Contact Person: CJ Ryan

Contact Telephone Number: (608) 266-4714

Permit Start Date: July 14, 2025

By: _____

E. D. Bekt

APPENDIX B: SOIL BORINGS AND SEDIMENT SAMPLING REPORT WITH ANALYTICAL RESULTS

Stricker Forebay Dredge Sediment Results

Prepared on: May 14, 2025 by Sarah Lerner, City of Madison Engineering
 Sampled: April 28, 2025 using a 2.25-in hollow stem auger

Table 1

Boring ID		SC1	SC2	SC3	Parent Combined	NR 720 Non-Industrial Not-To-Exceed Direct Contact RCLs	Wisconsin Background Threshold Values	NR 720 Ground-water Pathway RCL
Depth of Sediment (ft)								
Date Collected		4/28/25	4/28/25	4/28/25	4/28/25			
Soil Type		1' of sandy silt, silt and clay below 1'	1.5' of sand and silt, primarily silt below 1'	primarily silt	clay and gravel below 1'			
<u>Arsenic</u>	<u>mg/kg</u>	<u>3.30</u>	<u>3.80</u>	<u>2.6</u>	<u>3.40</u>	0.677	8.0	0.584
Cadmium	mg/kg	0.17 JB	0.39 B	0.45 B	0.26 J B	71.1	1.0	0.752
Chromium	mg/kg	17.3	20.3	21.5	18.8	100,000	44	360,000
Copper	mg/kg	14.9	27	26.6	19	3,130	35	91.6
Lead	mg/kg	12.3	18.4	23.1	13.7	400	52	27.0
Nickel	mg/kg	17.0 B	17.4 B	12.9 B	16.1 B	1,550	31	13.1
Zinc	mg/kg	54.2	119	129	94.6	23,500	150	NE
Mercury	mg/kg	0.020 J	0.028	0.021 J	0.033	3.13	NE	0.208
Total Organic Carbon	mg/kg	12900	33900	48600	25800	NE	NE	NE
Nitrogen, Kjeldahl	mg/kg	786	2750	1590	3060	NE	NE	NE
Phosphorous as P	mg/kg	328	542	376	89	NE	NE	NE
Nitrate as N	mg/kg	11.8	11.7	3.1	1.2 J	NE	NE	NE
Ammonia	mg/kg	156.0	187					
Percent Solids	%	71.0	60.5	60.10	60.9			
1-Methylnaphthalene	ug/kg	<2.1	<7.5	<25	<4.9	17,600	NE	NE
2-Methylnaphthalene	ug/kg	2.9 JF1	<7.9	<26	<5.1	239,000	NE	NE
Acenaphthene	ug/kg	3.5	14 J	170	<4.7	3,590,000	NE	NE
Acenaphthylene	ug/kg	<2.0	<7.2	25 J	7.9 J	NE	NE	NE
Anthracene	ug/kg	6.3 JF1	39	390	23	17,900,000	NE	196,949
Benzo(a)anthracene	ug/kg	49.0 F1	290 *	<u>2500</u>	240	1140 (cPAH)	NE	NE
Benzo(a)pyrene	ug/kg	62.0 F1	380	<u>2800</u>	<u>370</u>	115 (cPAH)	NE	470
Benzo(b)fluoranthene	ug/kg	92.0	570	<u>4100</u>	640	1150 (cPAH)	NE	478
Benzo(g,h,i)perylene	ug/kg	65.0	430	3500	380	NE	NE	NE
Benzo(k)fluoranthene	ug/kg	41.0 F1	220	1300	180	11500 (cPAH)	NE	NE
Chrysene	ug/kg	90.0 F1	540 *	3500	500	115000 (cPAH)	NE	144
Dibenz(a,h)anthracene	ug/kg	13.0	92	<u>750</u>	74	115 (cPAH)	NE	NE
Fluoranthene	ug/kg	130.0 J	720	6000	570	2,390,000	NE	88,878
Fluorene	ug/kg	6.6 JF1	24 J	270	11 J	2,390,000	NE	14,830
Indeno(1,2,3-cd)pyrene	ug/kg	48.0	320	<u>2600</u>	290	1150 (cPAH)	NE	NE
Naphthalene	ug/kg	<1.8	<6.4	23 J	<4.2	5,520	NE	658
Phenanthrene	ug/kg	67.0 F1	340	3200	180	NE	NE	NE
Pyrene	ug/kg	160.0	920 *	6600	640	1,790,000	NE	54,546
Cumulative cPAHs Cancer Risk (DC)		--	--	3.9E-05	--	NR722 cPAH Evaluation: This section evaluates the cumulative cancer risk posed by seven carcinogenic PAHs. It uses a calculated cancer risk value of 5x10-6 to assess non-industrial direct contact risk, following the process outlined in RR-087 and RR-079.		
No. of Individual Exceedances (DC)		--	--	0	--			
Cumulative Hazard Index		--	--	0.1649	--			
Cumulative Cancer Risk		NA	NA	3.9E-05	NA			

BOLD + Underlined - Values met or exceed a Direct Contact RCL, as of June 2024.

BOLD + Italics = Values met or exceed a Groundwater Pathway RCL, as of June 2024.

NR 720 RCLs were calculated using the EPA Regional Screening Level Web Calculator.

J - Result is less than the Limit of Quantitation (LOQ) but greater than the Reporting Limit.

mg/kg = milligrams per kilogram or parts per million (ppm)

ug/kg = micrograms per kilogram or parts per billion (ppb)

NE = Not Established

PAHs = Polycyclic aromatic hydrocarbons

PCBs = Polychlorinated biphenyls

cPAH = carcinogenic PAH

DC = Direct contact



Legend

⊕ Denotes boring/core location



Scale: Reduced

Notes

1. Soil borings performed by ADC in April 2025
2. Sediment cores recovered by CGC in April 2025
3. Boring/core locations are approximate

Job No.
C25051-4

Date:
5/2025

CGC, Inc.

SOIL BORING LOCATION MAP
Strickers Pond Forebay
Madison, Wisconsin

SAMPLE						VISUAL CLASSIFICATION and Remarks		SOIL PROPERTIES				
No.	Type	Rec (in.)	Moist	N	Depth (ft)			q _u (qa) (tsf)	W	LL	PL	LOI
							6± in. TOPSOIL					
1		16	M	20			FILL: Medium Dense Brown Silty Sand with Gravel					
2		13	M	8								
					5		Stiff, Grayish-Blue Lean CLAY, Trace Sand and Organics (CL)	(1.75)				
3		17	M	6			Stiff to Very Soft, Gray and Brown (Mottled) Lean CLAY, Trace Sand (CL)	(1.5)				
4		16	M	2				(0.3)				
					10							
5		17	W	WOH				(0.25)				
					15							
							Medium Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)					
6		17	W	23								
					20		End of Boring at 20 ft					
							Borehole Backfilled with Bentonite Chips					
							WOH= Weight of Hammer					
					25							
WATER LEVEL OBSERVATIONS							GENERAL NOTES					
While Drilling ∇ 13.5' Upon Completion of Drilling							Start 4/23/25 End 4/23/25					
Time After Drilling 15 Min. 2 Hours							Driller ADC Chief CJ Rig 7822DT					
Depth to Water 12.9' 12.4' ∇							Logger BU Editor ESF					
Depth to Cave in 17.2' 17.1'							Drill Method 2.25" HSA; Autohammer					
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.												

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.

SAMPLE						VISUAL CLASSIFICATION and Remarks		SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N	Depth (ft)			qu (qa) (tsf)	W	LL	PL	LOI
1		16	M	5		Loose, Gray SILT, Some Clay, Trace Clay and Sand (ML; Possible Fill)						
2		16	M	WOH		Very Loose, Dark Gray SILT, Some Clay and Sand (ML)						
3		17	M/W	4		Soft to Medium Stiff, Dark Gray/Brown Silty CLAY (CL-ML)	(0.5)					
4		15	W	3			(0.7)					
5		14	M/W	3		Very Loose, Dark Gray SILT, Some Clay and Sand (ML)						
End of Boring at 15 ft												
Borehole Backfilled with Bentonite Chips												
WOH= Weight of Hammer												
WATER LEVEL OBSERVATIONS						GENERAL NOTES						
While Drilling 8.5'						Start 4/23/25 End 4/23/25						
Time After Drilling _____ 15 Min. 1 hour						Driller ADC Chief CJ Rig 7822DT						
Depth to Water _____ 4.8' 4.2'						Logger BU Editor ESF						
Depth to Cave in _____ 9.4' 9.4'						Drill Method 2.25" HSA; Autohammer						
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.												



LOG OF TEST BORING

Project Strickers Pond Forebay
N486634.504, E788266.537
Location Madison, WI

Boring No. 4
Surface Elevation (ft) 924.2
Job No. C25051-4
Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES					
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL	LOI
1		16	M	WOH	FILL: Very Loose Brown Clayey Sand with Silt and Gravel						
2		15	M/W	2		Very Loose, Dark Gray SILT, Some Clay and Sand (ML)					
3		17	W	WOH							
4		16	M/W	3	Soft to Very Soft, Dark Gray/Brown Silty CLAY (CL-ML)	(0.4)					
5		15	M/W	2		(<0.2)					
					End of Boring at 15 ft						
					Borehole Backfilled with Bentonite Chips						
					WOH= Weight of Hammer						
WATER LEVEL OBSERVATIONS						GENERAL NOTES					
While Drilling <u>NW</u> Upon Completion of Drilling <u>6'</u>						Start <u>4/23/25</u> End <u>4/23/25</u>					
Time After Drilling <u>15 Min.</u> <u>45 Mins.</u>						Driller <u>ADC</u> Chief <u>CJ</u> Rig <u>7822DT</u>					
Depth to Water <u>7.8'</u> <u>7.6'</u>						Logger <u>BU</u> Editor <u>ESF</u>					
Depth to Cave in						Drill Method <u>2.25" HSA; Autohammer</u>					
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.											

LOG OF SEDIMENT CORE

Project **Strickers Pond Forebay**Location **Madison, WI**

Core No. **SC-1**

Surface Elevation 922±

Job No. **C25051-4**

Sheet 1 of 1

2921 PERRY STREET, MADISON, WIS. 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks		SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N			Depth (ft)	Electrical Conductivity	W	LL	LI
						8 in. Water					
						Dark Gray SILT, Some Clay, Sand and Organics (ML)					
						Dark Gray SILT, Some Clay and Sand (ML)					
						End of Core at 4.75 ft					
						Corehole Backfilled with Bentonite Chips					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Excavating 	Upon Completion of Drilling
1. Excavate to the depth of the hole. 2. Remove the excavator from the hole.	1. Drill the hole to the required depth. 2. Remove the drill from the hole.

Time After Excavating _____

Depth to Water	_____	_____	_____	_____
----------------	-------	-------	-------	-------

Depth to Cave in _____

Start	4/28/25	End	4/28/25
-------	---------	-----	---------

Driller **CGC** Chief

Logger **ESF** Editor **ESF**

Equip. Used: **Piston Sampler**

Pre-Washed With TSP-PF SOL'N

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.



LOG OF SEDIMENT CORE

Project Strickers Pond Forebay
Location Madison, WI

Core No. **SC-2**
Surface Elevation 922±
Job No. **C25051-4**
Sheet 1 of 1

2921 PERRY STREET, MADISON, WIS. 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES					
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	Electrical Conductivity	W	LL	LI	pH (in.)
						9 in. Water					
						Dark Gray Fine to Medium SAND, Some Silt, Little Clay, Trace Gravel (SM)					
						Dark Gray SILT, Some Clay and Sand (ML)					
						End of Core at 4.75 ft					
						Corehole Backfilled with Bentonite Chips					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Excavating ☒ Upon Completion of Drilling _____
Time After Excavating _____
Depth to Water _____
Depth to Cave in _____

Start 4/28/25 End 4/28/25
Driller CGC Chief _____
Logger ESF Editor ESF
Equip. Used: Piston Sampler
Pre-Washed With TSP-PF SOL'N

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.



LOG OF SEDIMENT CORE

Project Strickers Pond Forebay
Location Madison, WI

Core No. SC-3
Surface Elevation _____
Job No. C25051-4
Sheet 1 of 1

2921 PERRY STREET, MADISON, WIS. 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N		Electrical Conductivity	W	LL	LI	pH (in.)
					14 in. Water					
					Dark Gray Sandy SILT, Some Clay and Organics, Trace Gravel (ML)					
					Dark Gray SILT, Some Clay and Sand (ML)					
					End of Core at 4.75 ft					
					Corehole Backfilled with Bentonite Chips					

WATER LEVEL OBSERVATIONS

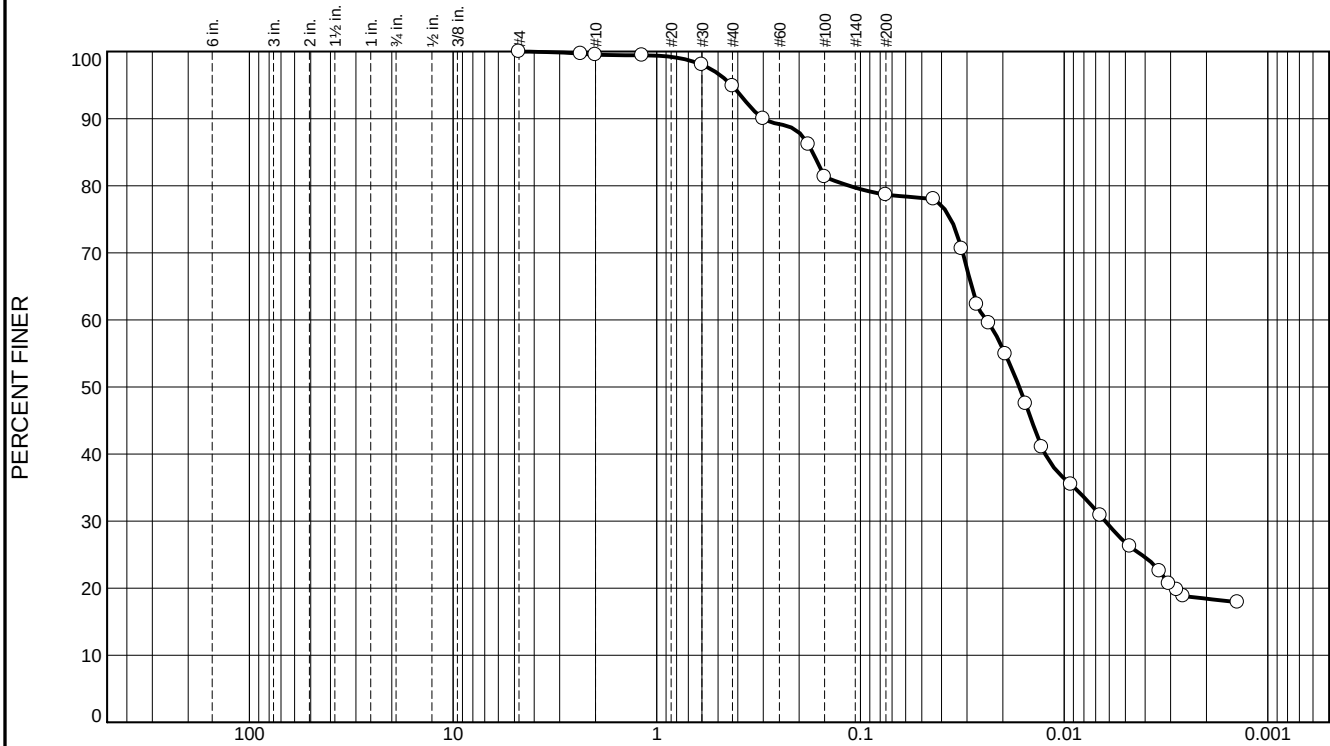
GENERAL NOTES

While Excavating ☒ Upon Completion of Drilling _____
Time After Excavating _____
Depth to Water _____
Depth to Cave in _____

Start 4/28/25 End 4/28/25
Driller CGC Chief _____
Logger ESF Editor ESF
Equip. Used: Piston Sampler
Pre-Washed With TSP-PF SOL'N

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.5	4.6	16.3	51.8	26.8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#8	99.7		
#10	99.5		
#16	99.4		
#30	98.0		
#40	94.9		
#50	90.0		
#80	86.2		
#100	81.3		
#200	78.6		

* WDOT 305.2.2.2 RAP

Material Description
Dark Gray Silt, Some Sand and Clay

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 0.3003 D₈₅= 0.1716 D₆₀= 0.0241
 D₅₀= 0.0166 D₃₀= 0.0063 D₁₅=
 D₁₀= C_u= C_c=

Classification
 USCS= ML* AASHTO=

Remarks
 *Visual Classification, no Atterberg Limits

Sample Number: Parent Composite

Date: 5/5/25



Client: City of Madison-Engineering
 Project: Strickers Pond

Project No: C25051-4

Figure

Tested By: JFS Checked By: KJS

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.9	4.9	9.4	59.3	25.4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/8	100.0		
#4	99.9		
#8	99.3		
#10	99.0		
#16	98.2		
#30	95.9		
#40	94.1		
#50	92.1		
#80	90.7		
#100	87.8		
#200	84.7		

* WDOT 305.2.2.2 RAP

Material Description
Dark Gray Silt, Some Clay and Sand, Trace Gravel

Atterberg Limits
PL= LL= PI=

Coefficients
D₉₀= 0.1717 D₈₅= 0.0795 D₆₀= 0.0232
D₅₀= 0.0179 D₃₀= 0.0069 D₁₅=
D₁₀= C_u= C_c=

Classification
USCS= ML* AASHTO=

Remarks
*Visual Classification, no Atterberg Limits

Sample Number: SC-1

Date: 5/5/25



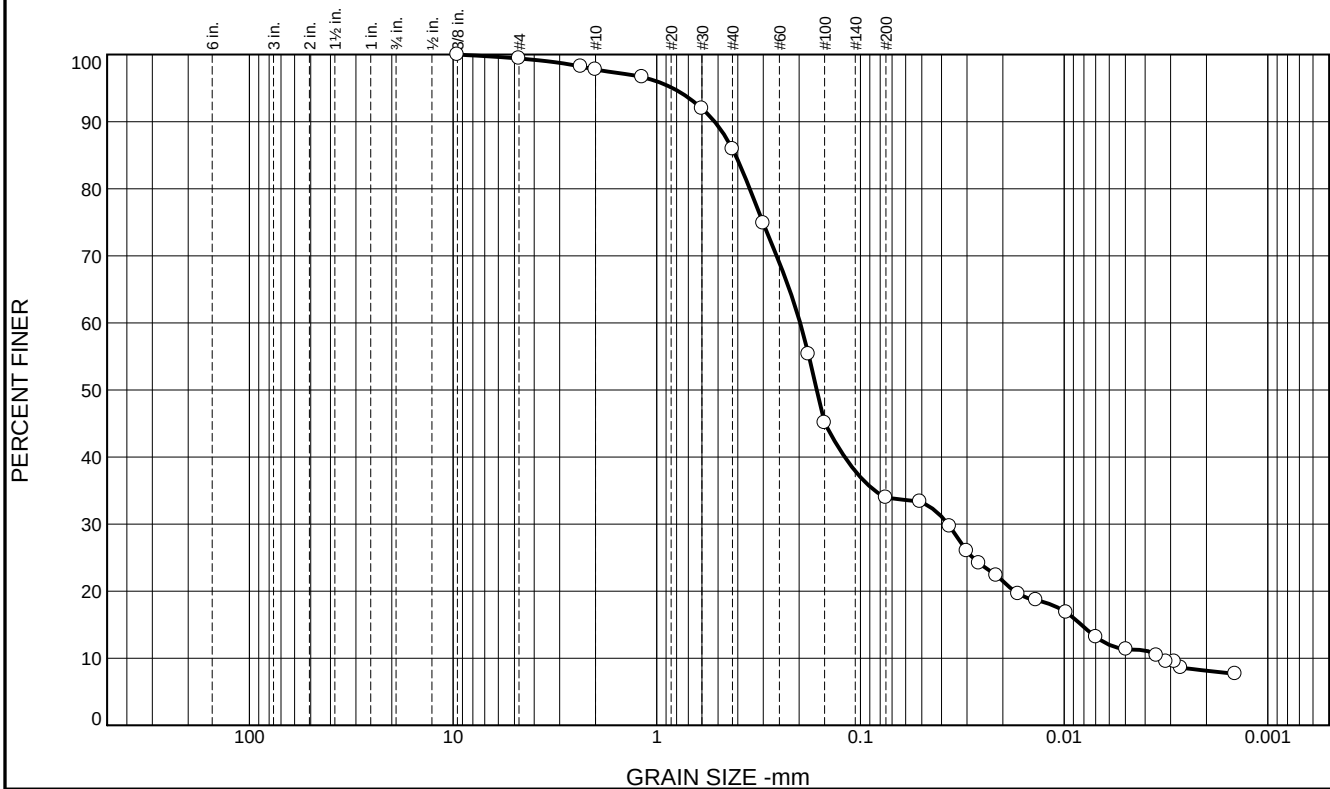
Client: City of Madison-Engineering
Project: Strickers Pond

Project No: C25051-4

Figure

Tested By: JFS Checked By: KJS

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.6	1.6	11.9	52.0	22.6	11.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/8	100.0		
#4	99.4		
#8	98.2		
#10	97.8		
#16	96.6		
#30	92.0		
#40	85.9		
#50	74.9		
#80	55.3		
#100	45.1		
#200	33.9		

* WDOT 305.2.2.2 RAP

Material Description

Dark Gray Fine to Medium Sand, Some Silt, Little Clay Trace Gravel

Atterberg Limits

PL=

LL=

PI=

Coefficients

D₉₀= 0.5196

D₈₅= 0.4106

D₆₀= 0.1977

D₅₀= 0.1639

D₃₀= 0.0371

D₁₅= 0.0082

D₁₀= 0.0034

C_u= 58.54

C_c= 2.07

Classification

USCS= SM

AASHTO=

Remarks

Sample Number: SC-2

Date: 5/5/25



Client: City of Madison-Engineering

Project: Strickers Pond

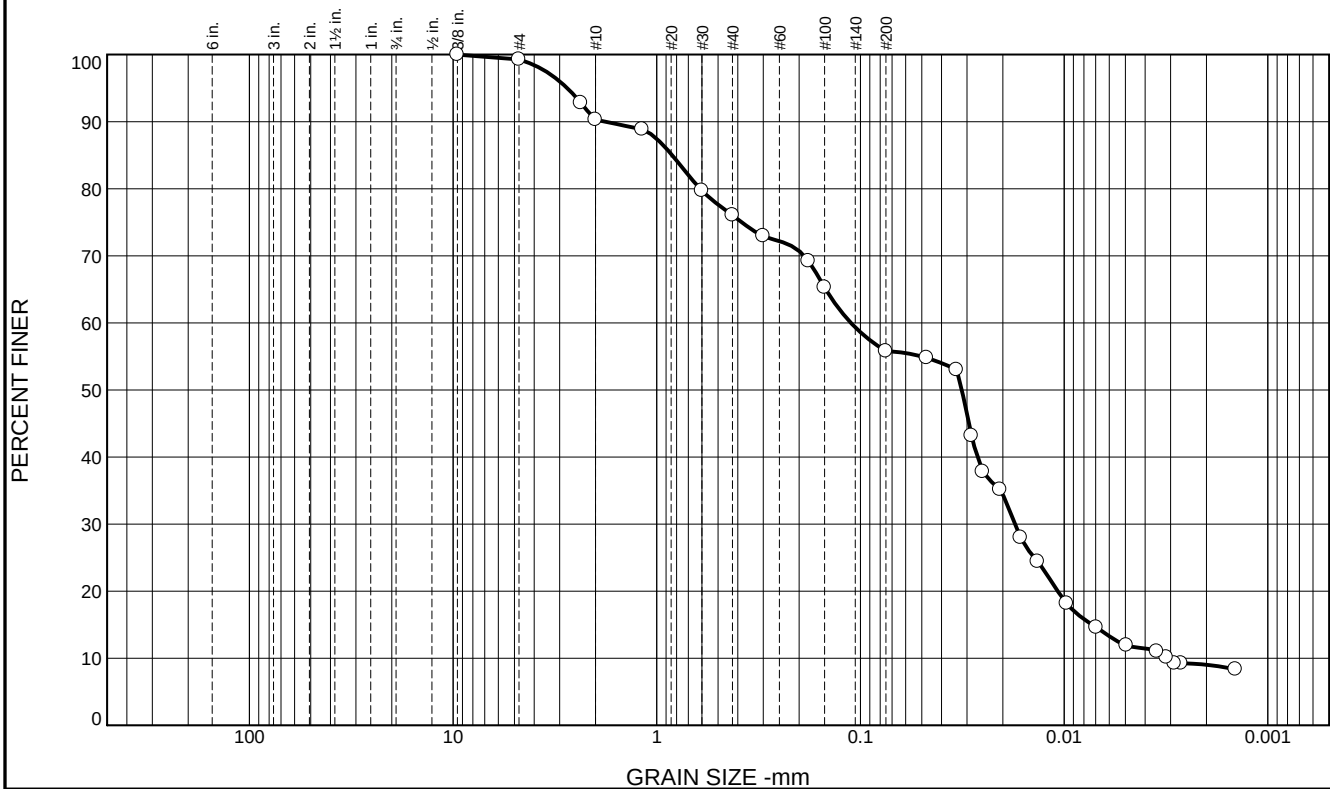
Project No: C25051-4

Figure

Tested By: JFS

Checked By: KJS

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.7	9.0	14.2	20.3	43.8	12.0

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/8	100.0		
#4	99.3		
#8	92.8		
#10	90.3		
#16	88.9		
#30	79.7		
#40	76.1		
#50	73.0		
#80	69.2		
#100	65.3		
#200	55.8		

* WDOT 305.2.2.2 RAP

Material Description
Drak Gray Sandy Silt, Some Clay Trace Gravel

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 1.7997 D₈₅= 0.8412 D₆₀= 0.1114
 D₅₀= 0.0318 D₃₀= 0.0174 D₁₅= 0.0073
 D₁₀= 0.0031 C_u= 35.86 C_c= 0.88

Classification
 USCS= ML* AASHTO=

Remarks
 *Visual Classification, no Atterberg Limits

Sample Number: SC-3

Date: 5/5/25



Client: City of Madison-Engineering
 Project: Strickers Pond

Project No: C25051-4

Figure

Tested By: JFS Checked By: KJS

ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Lerner
City of Madison (WI)
210 Martin Luther King Jr. Blvd
Room 115 City/County Building
Madison, Wisconsin 53703

Generated 05/19/25 11:38:31

JOB DESCRIPTION

City of Madison NR347 Sediment

JOB NUMBER

500-267884-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Case Narrative

Client: City of Madison (WI)
Project: City of Madison NR347 Sediment

Job ID: 500-267884-1

Job ID: 500-267884-1

Eurofins Chicago

Job Narrative 500-267884-1

Receipt

The samples were received on 05/06/25 10:30. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was -0.6° C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No sample IDs/dates/times/or requested analysis listed. Received four samples SC1, SC2, SC3, and Combined P. Logged sample date as 5/5. Logged analysis per attachment. Client did not fill out one 32oz jar per container (only received one 8oz jar and one 32oz per sample)

GC/MS Semi VOA

Method 8270E LL: Internal standard response(s) were outside of acceptance limits for the following sample: SC-2 (500-267884-2). The sample(s) shows evidence of matrix interference.

Method 8270E LL: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-495579 and analytical batch 180-495641 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E LL: The following samples were diluted due to the nature of the sample matrix: SC-2 (500-267884-2), SC-3 (500-267884-3) and Parent - Combined (500-267884-4). Elevated reporting limits (RLs) are provided.

Method 8270E LL: The continuing calibration verification (CCV) analyzed in 180-495961 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E LL: Client requested reanalysis of 8270E_LL for the following sample: SC-3 (500-267884-3). Sample was reanalyzed, with results confirming initial analysis. Both sets of data have been reported.

Method 8270E LL: The following sample was diluted to bring the concentration of target analytes within the calibration range: SC-3 (500-267884-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010D: The method blank for preparation batch 500-816677 and analytical batch 500-816833 contained Cadmium and Nickel above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method Lloyd Kahn: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 180-495589 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method Lloyd Kahn: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 180-495589 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method Lloyd Kahn: Please note that the reporting limit for Lloyd Kahn TOC analysis is a nominal value and does not reflect adjustments in sample mass processed on an individual basis. SC-1 (500-267884-1), SC-2 (500-267884-2), SC-3 (500-267884-3), Parent - Combined (500-267884-4), (240-223380-A-22), (240-223380-A-22 MS) and (240-223380-A-22 MSD)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Eurofins Chicago

Detection Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-1

Lab Sample ID: 500-267884-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Anthracene	6.3	J F1	9.3	2.4	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Benzo[a]anthracene	49	F1	9.3	4.2	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene	92	F1	9.3	2.3	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene	41	F1	9.3	2.8	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene	65		9.3	2.0	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Benzo[a]pyrene	62	F1	9.3	4.0	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Chrysene	90	F1	9.3	5.1	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Dibenz(a,h)anthracene	13		9.3	5.9	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Fluoranthene	130	F1	9.3	2.4	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Fluorene	6.6	J F1	9.3	1.8	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene	48		9.3	4.6	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Phenanthrene	67	F1	9.3	2.5	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Pyrene	160		9.3	3.3	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Acenaphthene	3.5	J	9.3	2.7	ug/Kg	1	✱	EPA 8270E LL	Total/NA
2-Methylnaphthalene	2.9	J F1	9.3	2.2	ug/Kg	1	✱	EPA 8270E LL	Total/NA
Arsenic	3.3		1.3	0.43	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.17	J B	0.25	0.046	mg/Kg	1	✱	6010D	Total/NA
Chromium	17.3		1.3	0.63	mg/Kg	1	✱	6010D	Total/NA
Copper	14.9		1.3	0.36	mg/Kg	1	✱	6010D	Total/NA
Lead	12.3		0.63	0.29	mg/Kg	1	✱	6010D	Total/NA
Nickel	17.0	B	1.3	0.37	mg/Kg	1	✱	6010D	Total/NA
Zinc	54.2		2.5	1.1	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.020	J	0.022	0.0093	mg/Kg	1	✱	7471B	Total/NA
Nitrogen, Kjeldahl	786		54.3	31.2	mg/Kg	1	✱	351.2	Total/NA
Phosphorus as P	328		13.2	2.8	mg/Kg	1	✱	365.1	Total/NA
Total Organic Carbon	12900		1410	1370	mg/Kg	1	✱	EPA-Lloyd Kahn	Total/NA
Nitrate Nitrite as N	11.8		1.2	0.48	mg/Kg	1	✱	N07-0003	Total/NA
Ammonia	156		27.5	13.7	mg/Kg	1	✱	SM 4500 NH3 G	Total/NA

Client Sample ID: SC-2

Lab Sample ID: 500-267884-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Anthracene	39		33	8.5	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Benzo[a]anthracene	290	*	33	15	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene	570		33	8.1	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene	220		33	9.8	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene	430		33	7.1	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Benzo[a]pyrene	380		33	14	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Chrysene	540	*	33	18	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Dibenz(a,h)anthracene	92		33	21	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Fluoranthene	720		33	8.7	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Fluorene	24	J	33	6.4	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene	320		33	16	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Phenanthrene	340		33	8.8	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Pyrene	920	*	33	12	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Acenaphthene	14	J	33	9.5	ug/Kg	3	✱	EPA 8270E LL	Total/NA
Arsenic	3.8		1.4	0.48	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.39	B	0.28	0.051	mg/Kg	1	✱	6010D	Total/NA
Chromium	20.3		1.4	0.70	mg/Kg	1	✱	6010D	Total/NA
Copper	27.0		1.4	0.39	mg/Kg	1	✱	6010D	Total/NA
Lead	18.4		0.70	0.32	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-2 (Continued)

Lab Sample ID: 500-267884-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Nickel	17.4	B	1.4	0.41	mg/Kg	1	✱	6010D	Total/NA
Zinc	119		2.8	1.2	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.028		0.026	0.011	mg/Kg	1	✱	7471B	Total/NA
Nitrogen, Kjeldahl	2750		671	386	mg/Kg	10	✱	351.2	Total/NA
Phosphorus as P	542		14.1	2.9	mg/Kg	1	✱	365.1	Total/NA
Total Organic Carbon	33900		1650	1600	mg/Kg	1	✱	EPA-Lloyd Kahn	Total/NA
Nitrate Nitrite as N	11.7		1.6	0.67	mg/Kg	1	✱	N07-0003	Total/NA
Ammonia	187		29.9	14.9	mg/Kg	1	✱	SM 4500 NH3 G	Total/NA

Client Sample ID: SC-3

Lab Sample ID: 500-267884-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Anthracene	370		110	28	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[a]anthracene	2300		110	49	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene	3800		110	27	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene	1500		110	33	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene	2400		110	24	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[a]pyrene	2800		110	47	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Chrysene	3600		110	61	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Dibenz(a,h)anthracene	540		110	70	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Fluoranthene	5400		110	29	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Fluorene	250		110	21	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene	1900		110	54	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Phenanthrene	3200		110	29	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Pyrene	5700		110	39	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Acenaphthene	170		110	32	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Acenaphthylene	25	J	110	24	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Naphthalene	23	J	110	21	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Anthracene - RA	390		110	28	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[a]anthracene - RA	2500		110	49	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene - RA	4100		110	27	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene - RA	1300		110	33	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene - RA	3500		110	24	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Benzo[a]pyrene - RA	2800		110	47	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Chrysene - RA	3500		110	61	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Dibenz(a,h)anthracene - RA	750		110	70	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Fluoranthene - RA	6000		110	29	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Fluorene - RA	270		110	21	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene - RA	2600		110	54	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Phenanthrene - RA	3200		110	29	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Pyrene - RA	6600		110	39	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Acenaphthene - RA	170		110	32	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Acenaphthylene - RA	36	J	110	24	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Naphthalene - RA	29	J	110	21	ug/Kg	10	✱	EPA 8270E LL	Total/NA
Arsenic	2.6		1.6	0.54	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.45	B	0.31	0.056	mg/Kg	1	✱	6010D	Total/NA
Chromium	21.5		1.6	0.77	mg/Kg	1	✱	6010D	Total/NA
Copper	26.6		1.6	0.44	mg/Kg	1	✱	6010D	Total/NA
Lead	23.1		0.78	0.36	mg/Kg	1	✱	6010D	Total/NA
Nickel	12.9	B	1.6	0.46	mg/Kg	1	✱	6010D	Total/NA
Zinc	129		3.1	1.4	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-3 (Continued)

Lab Sample ID: 500-267884-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.021	J	0.025	0.010	mg/Kg	1	✱	7471B	Total/NA
Nitrogen, Kjeldahl	1590		675	388	mg/Kg	10	✱	351.2	Total/NA
Phosphorus as P	376		13.8	2.9	mg/Kg	1	✱	365.1	Total/NA
Total Organic Carbon	48600		1660	1610	mg/Kg	1	✱	EPA-Lloyd Kahn	Total/NA
Nitrate Nitrite as N	3.1		1.6	0.65	mg/Kg	1	✱	N07-0003	Total/NA
Ammonia	54.7		31.6	15.8	mg/Kg	1	✱	SM 4500 NH3 G	Total/NA

Client Sample ID: Parent - Combined

Lab Sample ID: 500-267884-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Anthracene	23		22	5.6	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Benzo[a]anthracene	240		22	9.7	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene	640		22	5.3	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene	180		22	6.4	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene	380		22	4.6	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Benzo[a]pyrene	370		22	9.3	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Chrysene	500		22	12	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Dibenz(a,h)anthracene	74		22	14	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Fluoranthene	570		22	5.7	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Fluorene	11	J	22	4.2	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene	290		22	11	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Phenanthrene	180		22	5.8	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Pyrene	640		22	7.6	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Acenaphthene	7.9	J	22	6.2	ug/Kg	2	✱	EPA 8270E LL	Total/NA
Arsenic	3.4		1.5	0.51	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.26	J B	0.30	0.054	mg/Kg	1	✱	6010D	Total/NA
Chromium	18.8		1.5	0.74	mg/Kg	1	✱	6010D	Total/NA
Copper	19.0		1.5	0.42	mg/Kg	1	✱	6010D	Total/NA
Lead	13.7		0.74	0.34	mg/Kg	1	✱	6010D	Total/NA
Nickel	16.1	B	1.5	0.43	mg/Kg	1	✱	6010D	Total/NA
Zinc	94.6		3.0	1.3	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.033		0.024	0.0098	mg/Kg	1	✱	7471B	Total/NA
Nitrogen, Kjeldahl	3060		625	359	mg/Kg	10	✱	351.2	Total/NA
Phosphorus as P	489		14.1	2.9	mg/Kg	1	✱	365.1	Total/NA
Total Organic Carbon	25800		1640	1590	mg/Kg	1	✱	EPA-Lloyd Kahn	Total/NA
Nitrate Nitrite as N	1.2	J	1.5	0.63	mg/Kg	1	✱	N07-0003	Total/NA
Ammonia	72.8		31.5	15.8	mg/Kg	1	✱	SM 4500 NH3 G	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Method	Method Description	Protocol	Laboratory
EPA 8270E LL	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
6010D	Metals (ICP)	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
351.2	Nitrogen, Total Kjeldahl	EPA	EET CHI
365.1	Phosphorus, Total	EPA	EET CHI
EPA-Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	EET PIT
Moisture	Percent Moisture	EPA	EET CHI
N07-0003	Enzymatic Nitrate-Nitrite Nitrogen	EPA	EET CHI
SM 4500 NH3 G	Ammonia	SM	EET CHI
300_Prep	Anions, Ion Chromatography, 10% Wt/Vol	EPA	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
351.2	Nitrogen, Total Kjeldahl	EPA	EET CHI
3541	Automated Soxhlet Extraction (Low Level)	SW846	EET PIT
365.2/365.3/365	Phosphorus, Total	EPA	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
SM 4500 NH3 B	Distillation, Ammonia	SM	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-267884-1	SC-1	Solid	04/28/25 00:00	05/06/25 10:30
500-267884-2	SC-2	Solid	04/28/25 00:00	05/06/25 10:30
500-267884-3	SC-3	Solid	04/28/25 00:00	05/06/25 10:30
500-267884-4	Parent - Combined	Solid	04/28/25 00:00	05/06/25 10:30

Client Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-1

Lab Sample ID: 500-267884-1

Date Collected: 04/28/25 00:00

Matrix: Solid

Date Received: 05/06/25 10:30

Percent Solids: 71.0

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	6.3	J F1	9.3	2.4	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Benzo[a]anthracene	49	F1	9.3	4.2	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Benzo[b]fluoranthene	92	F1	9.3	2.3	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Benzo[k]fluoranthene	41	F1	9.3	2.8	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Benzo[g,h,i]perylene	65		9.3	2.0	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Benzo[a]pyrene	62	F1	9.3	4.0	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Chrysene	90	F1	9.3	5.1	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Dibenz(a,h)anthracene	13		9.3	5.9	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Fluoranthene	130	F1	9.3	2.4	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Fluorene	6.6	J F1	9.3	1.8	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Indeno[1,2,3-cd]pyrene	48		9.3	4.6	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Phenanthrene	67	F1	9.3	2.5	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Pyrene	160		9.3	3.3	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Acenaphthene	3.5	J	9.3	2.7	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
1-Methylnaphthalene	<2.1	F1	9.3	2.1	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Acenaphthylene	<2.0		9.3	2.0	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Naphthalene	<1.8	F1	9.3	1.8	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
2-Methylnaphthalene	2.9	J F1	9.3	2.2	ug/Kg	✱	05/09/25 15:53	05/12/25 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	55		34 - 109				05/09/25 15:53	05/12/25 17:03	1
2-Fluorobiphenyl	62		35 - 105				05/09/25 15:53	05/12/25 17:03	1
Terphenyl-d14 (Surr)	82		20 - 117				05/09/25 15:53	05/12/25 17:03	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		1.3	0.43	mg/Kg	✱	05/07/25 08:56	05/07/25 18:08	1
Cadmium	0.17	J B	0.25	0.046	mg/Kg	✱	05/07/25 08:56	05/07/25 18:08	1
Chromium	17.3		1.3	0.63	mg/Kg	✱	05/07/25 08:56	05/07/25 18:08	1
Copper	14.9		1.3	0.36	mg/Kg	✱	05/07/25 08:56	05/07/25 18:08	1
Lead	12.3		0.63	0.29	mg/Kg	✱	05/07/25 08:56	05/07/25 18:08	1
Nickel	17.0	B	1.3	0.37	mg/Kg	✱	05/07/25 08:56	05/07/25 18:08	1
Zinc	54.2		2.5	1.1	mg/Kg	✱	05/07/25 08:56	05/07/25 18:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	J	0.022	0.0093	mg/Kg	✱	05/09/25 15:40	05/12/25 13:57	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl (EPA 351.2)	786		54.3	31.2	mg/Kg	✱	05/13/25 09:50	05/13/25 14:41	1
Phosphorus as P (EPA 365.1)	328		13.2	2.8	mg/Kg	✱	05/13/25 10:16	05/13/25 16:56	1
Total Organic Carbon (EPA-Lloyd Kahn)	12900		1410	1370	mg/Kg	✱		05/09/25 17:36	1
Nitrate Nitrite as N (EPA N07-0003)	11.8		1.2	0.48	mg/Kg	✱	05/07/25 11:38	05/07/25 13:43	1
Ammonia (SM 4500 NH3 G)	156		27.5	13.7	mg/Kg	✱	05/14/25 15:27	05/15/25 09:11	1

Eurofins Chicago

Client Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-2

Lab Sample ID: 500-267884-2

Date Collected: 04/28/25 00:00

Matrix: Solid

Date Received: 05/06/25 10:30

Percent Solids: 60.5

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	39		33	8.5	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Benzo[a]anthracene	290	*	33	15	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Benzo[b]fluoranthene	570		33	8.1	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Benzo[k]fluoranthene	220		33	9.8	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Benzo[g,h,i]perylene	430		33	7.1	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Benzo[a]pyrene	380		33	14	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Chrysene	540	*	33	18	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Dibenz(a,h)anthracene	92		33	21	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Fluoranthene	720		33	8.7	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Fluorene	24	J	33	6.4	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Indeno[1,2,3-cd]pyrene	320		33	16	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Phenanthrene	340		33	8.8	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Pyrene	920	*	33	12	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Acenaphthene	14	J	33	9.5	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
1-Methylnaphthalene	<7.5		33	7.5	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Acenaphthylene	<7.2		33	7.2	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
Naphthalene	<6.4		33	6.4	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3
2-Methylnaphthalene	<7.9		33	7.9	ug/Kg	☆	05/09/25 15:53	05/12/25 18:09	3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	62		34 - 109	05/09/25 15:53	05/12/25 18:09	3
2-Fluorobiphenyl	72		35 - 105	05/09/25 15:53	05/12/25 18:09	3
Terphenyl-d14 (Surr)	81	*	20 - 117	05/09/25 15:53	05/12/25 18:09	3

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		1.4	0.48	mg/Kg	☆	05/07/25 08:56	05/07/25 18:13	1
Cadmium	0.39	B	0.28	0.051	mg/Kg	☆	05/07/25 08:56	05/07/25 18:13	1
Chromium	20.3		1.4	0.70	mg/Kg	☆	05/07/25 08:56	05/07/25 18:13	1
Copper	27.0		1.4	0.39	mg/Kg	☆	05/07/25 08:56	05/07/25 18:13	1
Lead	18.4		0.70	0.32	mg/Kg	☆	05/07/25 08:56	05/07/25 18:13	1
Nickel	17.4	B	1.4	0.41	mg/Kg	☆	05/07/25 08:56	05/07/25 18:13	1
Zinc	119		2.8	1.2	mg/Kg	☆	05/07/25 08:56	05/07/25 18:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.026	0.011	mg/Kg	☆	05/09/25 15:40	05/12/25 13:59	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl (EPA 351.2)	2750		671	386	mg/Kg	☆	05/13/25 09:50	05/13/25 14:58	10
Phosphorus as P (EPA 365.1)	542		14.1	2.9	mg/Kg	☆	05/13/25 10:16	05/13/25 16:57	1
Total Organic Carbon (EPA-Lloyd Kahn)	33900		1650	1600	mg/Kg	☆		05/09/25 17:59	1
Nitrate Nitrite as N (EPA N07-0003)	11.7		1.6	0.67	mg/Kg	☆	05/07/25 11:38	05/07/25 13:43	1
Ammonia (SM 4500 NH3 G)	187		29.9	14.9	mg/Kg	☆	05/14/25 15:27	05/15/25 09:12	1

Eurofins Chicago

Client Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-3

Lab Sample ID: 500-267884-3

Date Collected: 04/28/25 00:00

Matrix: Solid

Date Received: 05/06/25 10:30

Percent Solids: 60.1

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	370		110	28	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Benzo[a]anthracene	2300		110	49	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Benzo[b]fluoranthene	3800		110	27	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Benzo[k]fluoranthene	1500		110	33	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Benzo[g,h,i]perylene	2400		110	24	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Benzo[a]pyrene	2800		110	47	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Chrysene	3600		110	61	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Dibenz(a,h)anthracene	540		110	70	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Fluoranthene	5400		110	29	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Fluorene	250		110	21	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Indeno[1,2,3-cd]pyrene	1900		110	54	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Phenanthrene	3200		110	29	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Pyrene	5700		110	39	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Acenaphthene	170		110	32	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
1-Methylnaphthalene	<25		110	25	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Acenaphthylene	25 J		110	24	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
Naphthalene	23 J		110	21	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10
2-Methylnaphthalene	<26		110	26	ug/Kg	☆	05/09/25 15:53	05/12/25 18:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	54		34 - 109	05/09/25 15:53	05/12/25 18:30	10
2-Fluorobiphenyl	62		35 - 105	05/09/25 15:53	05/12/25 18:30	10
Terphenyl-d14 (Surr)	59		20 - 117	05/09/25 15:53	05/12/25 18:30	10

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	390		110	28	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Benzo[a]anthracene	2500		110	49	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Benzo[b]fluoranthene	4100		110	27	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Benzo[k]fluoranthene	1300		110	33	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Benzo[g,h,i]perylene	3500		110	24	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Benzo[a]pyrene	2800		110	47	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Chrysene	3500		110	61	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Dibenz(a,h)anthracene	750		110	70	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Fluoranthene	6000		110	29	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Fluorene	270		110	21	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Indeno[1,2,3-cd]pyrene	2600		110	54	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Phenanthrene	3200		110	29	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Pyrene	6600		110	39	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Acenaphthene	170		110	32	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
1-Methylnaphthalene	<25		110	25	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Acenaphthylene	36 J		110	24	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
Naphthalene	29 J		110	21	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10
2-Methylnaphthalene	<26		110	26	ug/Kg	☆	05/09/25 15:53	05/15/25 18:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	52		34 - 109	05/09/25 15:53	05/15/25 18:36	10
2-Fluorobiphenyl	57		35 - 105	05/09/25 15:53	05/15/25 18:36	10
Terphenyl-d14 (Surr)	73		20 - 117	05/09/25 15:53	05/15/25 18:36	10

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Client Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-3

Lab Sample ID: 500-267884-3

Date Collected: 04/28/25 00:00

Matrix: Solid

Date Received: 05/06/25 10:30

Percent Solids: 60.1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.6		1.6	0.54	mg/Kg	✱	05/07/25 08:56	05/07/25 18:17	1
Cadmium	0.45	B	0.31	0.056	mg/Kg	✱	05/07/25 08:56	05/07/25 18:17	1
Chromium	21.5		1.6	0.77	mg/Kg	✱	05/07/25 08:56	05/07/25 18:17	1
Copper	26.6		1.6	0.44	mg/Kg	✱	05/07/25 08:56	05/07/25 18:17	1
Lead	23.1		0.78	0.36	mg/Kg	✱	05/07/25 08:56	05/07/25 18:17	1
Nickel	12.9	B	1.6	0.46	mg/Kg	✱	05/07/25 08:56	05/07/25 18:17	1
Zinc	129		3.1	1.4	mg/Kg	✱	05/07/25 08:56	05/07/25 18:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021	J	0.025	0.010	mg/Kg	✱	05/09/25 15:40	05/12/25 14:01	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl (EPA 351.2)	1590		675	388	mg/Kg	✱	05/13/25 09:50	05/13/25 14:59	10
Phosphorus as P (EPA 365.1)	376		13.8	2.9	mg/Kg	✱	05/13/25 10:16	05/13/25 16:58	1
Total Organic Carbon (EPA-Lloyd Kahn)	48600		1660	1610	mg/Kg	✱		05/09/25 18:22	1
Nitrate Nitrite as N (EPA N07-0003)	3.1		1.6	0.65	mg/Kg	✱	05/07/25 11:38	05/07/25 13:43	1
Ammonia (SM 4500 NH3 G)	54.7		31.6	15.8	mg/Kg	✱	05/14/25 15:27	05/15/25 09:12	1

Client Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: Parent - Combined

Lab Sample ID: 500-267884-4

Date Collected: 04/28/25 00:00

Matrix: Solid

Date Received: 05/06/25 10:30

Percent Solids: 60.9

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	23		22	5.6	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Benzo[a]anthracene	240		22	9.7	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Benzo[b]fluoranthene	640		22	5.3	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Benzo[k]fluoranthene	180		22	6.4	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Benzo[g,h,i]perylene	380		22	4.6	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Benzo[a]pyrene	370		22	9.3	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Chrysene	500		22	12	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Dibenz(a,h)anthracene	74		22	14	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Fluoranthene	570		22	5.7	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Fluorene	11 J		22	4.2	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Indeno[1,2,3-cd]pyrene	290		22	11	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Phenanthrene	180		22	5.8	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Pyrene	640		22	7.6	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Acenaphthene	7.9 J		22	6.2	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
1-Methylnaphthalene	<4.9		22	4.9	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Acenaphthylene	<4.7		22	4.7	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
Naphthalene	<4.2		22	4.2	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2
2-Methylnaphthalene	<5.1		22	5.1	ug/Kg	☆	05/09/25 15:53	05/12/25 18:52	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	38		34 - 109	05/09/25 15:53	05/12/25 18:52	2
2-Fluorobiphenyl	40		35 - 105	05/09/25 15:53	05/12/25 18:52	2
Terphenyl-d14 (Surr)	37		20 - 117	05/09/25 15:53	05/12/25 18:52	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		1.5	0.51	mg/Kg	☆	05/07/25 08:56	05/07/25 18:22	1
Cadmium	0.26 J B		0.30	0.054	mg/Kg	☆	05/07/25 08:56	05/07/25 18:22	1
Chromium	18.8		1.5	0.74	mg/Kg	☆	05/07/25 08:56	05/07/25 18:22	1
Copper	19.0		1.5	0.42	mg/Kg	☆	05/07/25 08:56	05/07/25 18:22	1
Lead	13.7		0.74	0.34	mg/Kg	☆	05/07/25 08:56	05/07/25 18:22	1
Nickel	16.1 B		1.5	0.43	mg/Kg	☆	05/07/25 08:56	05/07/25 18:22	1
Zinc	94.6		3.0	1.3	mg/Kg	☆	05/07/25 08:56	05/07/25 18:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.024	0.0098	mg/Kg	☆	05/09/25 15:40	05/12/25 14:03	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl (EPA 351.2)	3060		625	359	mg/Kg	☆	05/13/25 09:50	05/13/25 14:59	10
Phosphorus as P (EPA 365.1)	489		14.1	2.9	mg/Kg	☆	05/13/25 10:16	05/13/25 16:59	1
Total Organic Carbon (EPA-Lloyd Kahn)	25800		1640	1590	mg/Kg	☆		05/09/25 18:44	1
Nitrate Nitrite as N (EPA N07-0003)	1.2 J		1.5	0.63	mg/Kg	☆	05/07/25 11:38	05/07/25 13:44	1
Ammonia (SM 4500 NH3 G)	72.8		31.5	15.8	mg/Kg	☆	05/14/25 15:27	05/15/25 09:13	1

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Definitions/Glossary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	ISTD response or retention time outside acceptable limits
F1	MS and/or MSD recovery exceeds control limits.
J	Reported value was between the limit of detection and the limit of quantitation.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Reported value was between the limit of detection and the limit of quantitation.

General Chemistry

Qualifier	Qualifier Description
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

GC/MS Semi VOA

Prep Batch: 495579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	3541	
500-267884-2	SC-2	Total/NA	Solid	3541	
500-267884-3 - RA	SC-3	Total/NA	Solid	3541	
500-267884-3	SC-3	Total/NA	Solid	3541	
500-267884-4	Parent - Combined	Total/NA	Solid	3541	
MB 180-495579/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-495579/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-267884-1 MS	SC-1	Total/NA	Solid	3541	
500-267884-1 MSD	SC-1	Total/NA	Solid	3541	

Analysis Batch: 495641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	EPA 8270E LL	495579
500-267884-2	SC-2	Total/NA	Solid	EPA 8270E LL	495579
500-267884-3	SC-3	Total/NA	Solid	EPA 8270E LL	495579
500-267884-4	Parent - Combined	Total/NA	Solid	EPA 8270E LL	495579
MB 180-495579/1-A	Method Blank	Total/NA	Solid	EPA 8270E LL	495579
LCS 180-495579/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E LL	495579
500-267884-1 MS	SC-1	Total/NA	Solid	EPA 8270E LL	495579
500-267884-1 MSD	SC-1	Total/NA	Solid	EPA 8270E LL	495579

Analysis Batch: 495961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-3 - RA	SC-3	Total/NA	Solid	EPA 8270E LL	495579

Metals

Prep Batch: 816677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	3050B	
500-267884-2	SC-2	Total/NA	Solid	3050B	
500-267884-3	SC-3	Total/NA	Solid	3050B	
500-267884-4	Parent - Combined	Total/NA	Solid	3050B	
MB 500-816677/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-816677/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 816833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	6010D	816677
500-267884-2	SC-2	Total/NA	Solid	6010D	816677
500-267884-3	SC-3	Total/NA	Solid	6010D	816677
500-267884-4	Parent - Combined	Total/NA	Solid	6010D	816677
MB 500-816677/1-A	Method Blank	Total/NA	Solid	6010D	816677
LCS 500-816677/2-A	Lab Control Sample	Total/NA	Solid	6010D	816677

Prep Batch: 817108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	7471B	
500-267884-2	SC-2	Total/NA	Solid	7471B	
500-267884-3	SC-3	Total/NA	Solid	7471B	
500-267884-4	Parent - Combined	Total/NA	Solid	7471B	

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QC Association Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Metals (Continued)

Prep Batch: 817108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-817108/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-817108/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 817338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	7471B	817108
500-267884-2	SC-2	Total/NA	Solid	7471B	817108
500-267884-3	SC-3	Total/NA	Solid	7471B	817108
500-267884-4	Parent - Combined	Total/NA	Solid	7471B	817108
MB 500-817108/12-A	Method Blank	Total/NA	Solid	7471B	817108
LCS 500-817108/13-A	Lab Control Sample	Total/NA	Solid	7471B	817108

General Chemistry

Analysis Batch: 495589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	EPA-Lloyd Kahn	
500-267884-2	SC-2	Total/NA	Solid	EPA-Lloyd Kahn	
500-267884-3	SC-3	Total/NA	Solid	EPA-Lloyd Kahn	
500-267884-4	Parent - Combined	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-495589/4	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-495589/5	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 816724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	Moisture	
500-267884-2	SC-2	Total/NA	Solid	Moisture	
500-267884-3	SC-3	Total/NA	Solid	Moisture	
500-267884-4	Parent - Combined	Total/NA	Solid	Moisture	

Prep Batch: 816731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	300_Prep	
500-267884-2	SC-2	Total/NA	Solid	300_Prep	
500-267884-3	SC-3	Total/NA	Solid	300_Prep	
500-267884-4	Parent - Combined	Total/NA	Solid	300_Prep	
MB 500-816731/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 500-816731/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
500-267884-4 MS	Parent - Combined	Total/NA	Solid	300_Prep	
500-267884-4 MSD	Parent - Combined	Total/NA	Solid	300_Prep	

Analysis Batch: 816776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	N07-0003	816731
500-267884-2	SC-2	Total/NA	Solid	N07-0003	816731
500-267884-3	SC-3	Total/NA	Solid	N07-0003	816731
500-267884-4	Parent - Combined	Total/NA	Solid	N07-0003	816731
MB 500-816731/1-A	Method Blank	Total/NA	Solid	N07-0003	816731
LCS 500-816731/2-A	Lab Control Sample	Total/NA	Solid	N07-0003	816731
500-267884-4 MS	Parent - Combined	Total/NA	Solid	N07-0003	816731
500-267884-4 MSD	Parent - Combined	Total/NA	Solid	N07-0003	816731

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QC Association Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

General Chemistry

Prep Batch: 817426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	351.2	
500-267884-2	SC-2	Total/NA	Solid	351.2	
500-267884-3	SC-3	Total/NA	Solid	351.2	
500-267884-4	Parent - Combined	Total/NA	Solid	351.2	
MB 500-817426/19-A	Method Blank	Total/NA	Solid	351.2	
LCS 500-817426/20-A	Lab Control Sample	Total/NA	Solid	351.2	

Prep Batch: 817447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	365.2/365.3/365	
500-267884-2	SC-2	Total/NA	Solid	365.2/365.3/365	
500-267884-3	SC-3	Total/NA	Solid	365.2/365.3/365	
500-267884-4	Parent - Combined	Total/NA	Solid	365.2/365.3/365	
MB 500-817447/1-A	Method Blank	Total/NA	Solid	365.2/365.3/365	
LCS 500-817447/2-A	Lab Control Sample	Total/NA	Solid	365.2/365.3/365	
LCSD 500-817447/3-A	Lab Control Sample Dup	Total/NA	Solid	365.2/365.3/365	

Analysis Batch: 817535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	351.2	817426
500-267884-2	SC-2	Total/NA	Solid	351.2	817426
500-267884-3	SC-3	Total/NA	Solid	351.2	817426
500-267884-4	Parent - Combined	Total/NA	Solid	351.2	817426
MB 500-817426/19-A	Method Blank	Total/NA	Solid	351.2	817426
LCS 500-817426/20-A	Lab Control Sample	Total/NA	Solid	351.2	817426

Analysis Batch: 817543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	365.1	817447
500-267884-2	SC-2	Total/NA	Solid	365.1	817447
500-267884-3	SC-3	Total/NA	Solid	365.1	817447
500-267884-4	Parent - Combined	Total/NA	Solid	365.1	817447
MB 500-817447/1-A	Method Blank	Total/NA	Solid	365.1	817447
LCS 500-817447/2-A	Lab Control Sample	Total/NA	Solid	365.1	817447
LCSD 500-817447/3-A	Lab Control Sample Dup	Total/NA	Solid	365.1	817447

Prep Batch: 817691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	SM 4500 NH3 B	
500-267884-2	SC-2	Total/NA	Solid	SM 4500 NH3 B	
500-267884-3	SC-3	Total/NA	Solid	SM 4500 NH3 B	
500-267884-4	Parent - Combined	Total/NA	Solid	SM 4500 NH3 B	
MB 500-817691/1-A	Method Blank	Total/NA	Solid	SM 4500 NH3 B	
LCS 500-817691/2-A	Lab Control Sample	Total/NA	Solid	SM 4500 NH3 B	

Analysis Batch: 817825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267884-1	SC-1	Total/NA	Solid	SM 4500 NH3 G	817691
500-267884-2	SC-2	Total/NA	Solid	SM 4500 NH3 G	817691
500-267884-3	SC-3	Total/NA	Solid	SM 4500 NH3 G	817691
500-267884-4	Parent - Combined	Total/NA	Solid	SM 4500 NH3 G	817691

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QC Association Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

General Chemistry (Continued)

Analysis Batch: 817825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-817691/1-A	Method Blank	Total/NA	Solid	SM 4500 NH3 G	817691
LCS 500-817691/2-A	Lab Control Sample	Total/NA	Solid	SM 4500 NH3 G	817691

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Surrogate Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	NBZ	FBP	TPHL
		(34-109)	(35-105)	(20-117)
500-267884-1	SC-1	55	62	82
500-267884-1 MS	SC-1	43	47	64
500-267884-1 MSD	SC-1	43	48	63
500-267884-2	SC-2	62	72	81 *
500-267884-3	SC-3	54	62	59
500-267884-3 - RA	SC-3	52	57	73
500-267884-4	Parent - Combined	38	40	37
LCS 180-495579/2-A	Lab Control Sample	68	74	61
MB 180-495579/1-A	Method Blank	56	59	67

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

FBP = 2-Fluorobiphenyl

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-495579/1-A

Matrix: Solid

Analysis Batch: 495641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 495579

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<1.7		6.7	1.7	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Benzo[a]anthracene	<3.0		6.7	3.0	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Benzo[b]fluoranthene	<1.6		6.7	1.6	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Benzo[k]fluoranthene	<2.0		6.7	2.0	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Benzo[g,h,i]perylene	<1.4		6.7	1.4	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Benzo[a]pyrene	<2.9		6.7	2.9	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Chrysene	<3.7		6.7	3.7	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Dibenz(a,h)anthracene	<4.3		6.7	4.3	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Fluoranthene	<1.8		6.7	1.8	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Fluorene	<1.3		6.7	1.3	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Indeno[1,2,3-cd]pyrene	<3.3		6.7	3.3	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Phenanthrene	<1.8		6.7	1.8	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Pyrene	<2.4		6.7	2.4	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Acenaphthene	<1.9		6.7	1.9	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
1-Methylnaphthalene	<1.5		6.7	1.5	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Acenaphthylene	<1.5		6.7	1.5	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
Naphthalene	<1.3		6.7	1.3	ug/Kg		05/09/25 15:53	05/12/25 10:07	1
2-Methylnaphthalene	<1.6		6.7	1.6	ug/Kg		05/09/25 15:53	05/12/25 10:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	56		34 - 109	05/09/25 15:53	05/12/25 10:07	1
2-Fluorobiphenyl	59		35 - 105	05/09/25 15:53	05/12/25 10:07	1
Terphenyl-d14 (Surr)	67		20 - 117	05/09/25 15:53	05/12/25 10:07	1

Lab Sample ID: LCS 180-495579/2-A

Matrix: Solid

Analysis Batch: 495641

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 495579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	667	450		ug/Kg		68	47 - 100
Benzo[a]anthracene	667	478		ug/Kg		72	47 - 100
Benzo[b]fluoranthene	667	412		ug/Kg		62	44 - 100
Benzo[k]fluoranthene	667	466		ug/Kg		70	43 - 100
Benzo[g,h,i]perylene	667	403		ug/Kg		60	45 - 103
Benzo[a]pyrene	667	457		ug/Kg		69	45 - 101
Chrysene	667	472		ug/Kg		71	44 - 100
Dibenz(a,h)anthracene	667	407		ug/Kg		61	46 - 107
Fluoranthene	667	409		ug/Kg		61	49 - 102
Fluorene	667	424		ug/Kg		64	46 - 100
Indeno[1,2,3-cd]pyrene	667	409		ug/Kg		61	48 - 104
Phenanthrene	667	442		ug/Kg		66	46 - 100
Pyrene	667	554		ug/Kg		83	44 - 102
Acenaphthene	667	458		ug/Kg		69	41 - 100
1-Methylnaphthalene	667	473		ug/Kg		71	44 - 100
Acenaphthylene	667	482		ug/Kg		72	45 - 100
Naphthalene	667	456		ug/Kg		68	43 - 100
2-Methylnaphthalene	667	438		ug/Kg		66	44 - 100

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QC Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-495579/2-A

Matrix: Solid

Analysis Batch: 495641

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 495579

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Nitrobenzene-d5 (Surr)	68		34 - 109
2-Fluorobiphenyl	74		35 - 105
Terphenyl-d14 (Surr)	61		20 - 117

Lab Sample ID: 500-267884-1 MS

Matrix: Solid

Analysis Batch: 495641

Client Sample ID: SC-1

Prep Type: Total/NA

Prep Batch: 495579

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	6.3	J F1	909	405	F1	ug/Kg	⊛	44	47 - 100
Benzo[a]anthracene	49	F1	909	459	F1	ug/Kg	⊛	45	47 - 100
Benzo[b]fluoranthene	92	F1	909	427	F1	ug/Kg	⊛	37	44 - 100
Benzo[k]fluoranthene	41	F1	909	373	F1	ug/Kg	⊛	36	43 - 100
Benzo[g,h,i]perylene	65		909	555		ug/Kg	⊛	54	45 - 103
Benzo[a]pyrene	62	F1	909	437	F1	ug/Kg	⊛	41	45 - 101
Chrysene	90	F1	909	480	F1	ug/Kg	⊛	43	44 - 100
Dibenz(a,h)anthracene	13		909	497		ug/Kg	⊛	53	46 - 107
Fluoranthene	130	F1	909	407	F1	ug/Kg	⊛	30	49 - 102
Fluorene	6.6	J F1	909	385	F1	ug/Kg	⊛	42	46 - 100
Indeno[1,2,3-cd]pyrene	48		909	525		ug/Kg	⊛	53	48 - 104
Phenanthrene	67	F1	909	444	F1	ug/Kg	⊛	41	46 - 100
Pyrene	160		909	646		ug/Kg	⊛	53	44 - 102
Acenaphthene	3.5	J	909	392		ug/Kg	⊛	43	41 - 100
1-Methylnaphthalene	<2.1	F1	909	392	F1	ug/Kg	⊛	43	44 - 100
Acenaphthylene	<2.0		909	410		ug/Kg	⊛	45	45 - 100
Naphthalene	<1.8	F1	909	371	F1	ug/Kg	⊛	41	43 - 100
2-Methylnaphthalene	2.9	J F1	909	364	F1	ug/Kg	⊛	40	44 - 100

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Nitrobenzene-d5 (Surr)	43		34 - 109
2-Fluorobiphenyl	47		35 - 105
Terphenyl-d14 (Surr)	64		20 - 117

Lab Sample ID: 500-267884-1 MSD

Matrix: Solid

Analysis Batch: 495641

Client Sample ID: SC-1

Prep Type: Total/NA

Prep Batch: 495579

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	6.3	J F1	915	427	F1	ug/Kg	⊛	46	47 - 100	5	26
Benzo[a]anthracene	49	F1	915	472	F1	ug/Kg	⊛	46	47 - 100	3	24
Benzo[b]fluoranthene	92	F1	915	427	F1	ug/Kg	⊛	37	44 - 100	0	26
Benzo[k]fluoranthene	41	F1	915	380	F1	ug/Kg	⊛	37	43 - 100	2	18
Benzo[g,h,i]perylene	65		915	577		ug/Kg	⊛	56	45 - 103	4	22
Benzo[a]pyrene	62	F1	915	447	F1	ug/Kg	⊛	42	45 - 101	2	21
Chrysene	90	F1	915	494		ug/Kg	⊛	44	44 - 100	3	26
Dibenz(a,h)anthracene	13		915	526		ug/Kg	⊛	56	46 - 107	6	24
Fluoranthene	130	F1	915	421	F1	ug/Kg	⊛	32	49 - 102	3	26
Fluorene	6.6	J F1	915	408	F1	ug/Kg	⊛	44	46 - 100	6	22

Eurofins Chicago

QC Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-267884-1 MSD

Matrix: Solid

Analysis Batch: 495641

Client Sample ID: SC-1

Prep Type: Total/NA

Prep Batch: 495579

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	48		915	553		ug/Kg	✱	55	48 - 104	5	22
Phenanthrene	67	F1	915	461	F1	ug/Kg	✱	43	46 - 100	4	27
Pyrene	160		915	633		ug/Kg	✱	52	44 - 102	2	27
Acenaphthene	3.5	J	915	408		ug/Kg	✱	44	41 - 100	4	22
1-Methylnaphthalene	<2.1	F1	915	410		ug/Kg	✱	45	44 - 100	5	27
Acenaphthylene	<2.0		915	426		ug/Kg	✱	47	45 - 100	4	23
Naphthalene	<1.8	F1	915	392		ug/Kg	✱	43	43 - 100	5	28
2-Methylnaphthalene	2.9	J F1	915	372	F1	ug/Kg	✱	40	44 - 100	2	29
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
Nitrobenzene-d5 (Surr)	43		34 - 109								
2-Fluorobiphenyl	48		35 - 105								
Terphenyl-d14 (Surr)	63		20 - 117								

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-816677/1-A

Matrix: Solid

Analysis Batch: 816833

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 816677

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		05/07/25 08:56	05/07/25 18:00	1
Cadmium	0.0397	J	0.20	0.036	mg/Kg		05/07/25 08:56	05/07/25 18:00	1
Chromium	<0.50		1.0	0.50	mg/Kg		05/07/25 08:56	05/07/25 18:00	1
Copper	<0.28		1.0	0.28	mg/Kg		05/07/25 08:56	05/07/25 18:00	1
Lead	<0.23		0.50	0.23	mg/Kg		05/07/25 08:56	05/07/25 18:00	1
Nickel	0.655	J	1.0	0.29	mg/Kg		05/07/25 08:56	05/07/25 18:00	1
Zinc	<0.88		2.0	0.88	mg/Kg		05/07/25 08:56	05/07/25 18:00	1

Lab Sample ID: LCS 500-816677/2-A

Matrix: Solid

Analysis Batch: 816833

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 816677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	10.0	8.61		mg/Kg		86	80 - 120
Cadmium	5.00	4.42		mg/Kg		88	80 - 120
Chromium	20.0	18.34		mg/Kg		92	80 - 120
Copper	25.0	23.51		mg/Kg		94	80 - 120
Lead	10.0	9.17		mg/Kg		92	80 - 120
Nickel	50.0	46.48		mg/Kg		93	80 - 120
Zinc	50.0	45.18		mg/Kg		90	80 - 120

QC Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-817108/12-A

Matrix: Solid

Analysis Batch: 817338

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 817108

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0069		0.017	0.0069	mg/Kg		05/09/25 15:40	05/12/25 13:04	1

Lab Sample ID: LCS 500-817108/13-A

Matrix: Solid

Analysis Batch: 817338

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 817108

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.158		mg/Kg		95	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 500-817426/19-A

Matrix: Solid

Analysis Batch: 817535

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 817426

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	<23.0		40.0	23.0	mg/Kg		05/13/25 09:50	05/13/25 14:39	1

Lab Sample ID: LCS 500-817426/20-A

Matrix: Solid

Analysis Batch: 817535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 817426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	200	197.9		mg/Kg		99	80 - 120

Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 500-817447/1-A

Matrix: Solid

Analysis Batch: 817543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 817447

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus as P	<2.1		10.0	2.1	mg/Kg		05/13/25 10:16	05/13/25 16:53	1

Lab Sample ID: LCS 500-817447/2-A

Matrix: Solid

Analysis Batch: 817543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 817447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus as P	100	100.1		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 500-817447/3-A

Matrix: Solid

Analysis Batch: 817543

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 817447

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phosphorus as P	100	100.2		mg/Kg		100	80 - 120	0	20

Eurofins Chicago

QC Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 180-495589/4
Matrix: Solid
Analysis Batch: 495589

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<971		1000	971	mg/Kg			05/09/25 08:44	1

Lab Sample ID: LCS 180-495589/5
Matrix: Solid
Analysis Batch: 495589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	40000	41600		mg/Kg		104	75 - 125

Method: N07-0003 - Enzymatic Nitrate-Nitrite Nitrogen

Lab Sample ID: MB 500-816731/1-A
Matrix: Solid
Analysis Batch: 816776

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 816731

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<0.41		1.0	0.41	mg/Kg		05/07/25 11:38	05/07/25 13:42	1

Lab Sample ID: LCS 500-816731/2-A
Matrix: Solid
Analysis Batch: 816776

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 816731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	10.0	10.15		mg/Kg		102	90 - 110

Lab Sample ID: 500-267884-4 MS
Matrix: Solid
Analysis Batch: 816776

Client Sample ID: Parent - Combined
Prep Type: Total/NA
Prep Batch: 816731

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.2	J	12.4	13.67		mg/Kg	✱	100	90 - 110

Lab Sample ID: 500-267884-4 MSD
Matrix: Solid
Analysis Batch: 816776

Client Sample ID: Parent - Combined
Prep Type: Total/NA
Prep Batch: 816731

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	1.2	J	12.4	13.61		mg/Kg	✱	100	90 - 110	0	20

Method: SM 4500 NH3 G - Ammonia

Lab Sample ID: MB 500-817691/1-A
Matrix: Solid
Analysis Batch: 817825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 817691

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	<9.9		19.8	9.9	mg/Kg		05/14/25 15:27	05/15/25 09:10	1

Eurofins Chicago

QC Sample Results

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Method: SM 4500 NH3 G - Ammonia (Continued)

Lab Sample ID: LCS 500-817691/2-A

Matrix: Solid

Analysis Batch: 817825

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 817691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	202	213.2		mg/Kg		105	80 - 120

Lab Chronicle

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-1

Date Collected: 04/28/25 00:00

Date Received: 05/06/25 10:30

Lab Sample ID: 500-267884-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	816724	ST	EET CHI	05/07/25 10:56

Client Sample ID: SC-1

Date Collected: 04/28/25 00:00

Date Received: 05/06/25 10:30

Lab Sample ID: 500-267884-1

Matrix: Solid

Percent Solids: 71.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			495579	DVC	EET PIT	05/09/25 15:53
Total/NA	Analysis	EPA 8270E LL		1	495641	VVP	EET PIT	05/12/25 17:03
Total/NA	Prep	3050B			816677	BDE	EET CHI	05/07/25 08:56 - 05/07/25 14:56 ¹
Total/NA	Analysis	6010D		1	816833	SJ	EET CHI	05/07/25 18:08
Total/NA	Prep	7471B			817108	MJG	EET CHI	05/09/25 15:40
Total/NA	Analysis	7471B		1	817338	MJG	EET CHI	05/12/25 13:57
Total/NA	Prep	351.2			817426	KF	EET CHI	05/13/25 09:50
Total/NA	Analysis	351.2		1	817535	KF	EET CHI	05/13/25 14:41
Total/NA	Prep	365.2/365.3/365			817447	MF	EET CHI	05/13/25 10:16 - 05/13/25 14:16 ¹
Total/NA	Analysis	365.1		1	817543	MF	EET CHI	05/13/25 16:56
Total/NA	Analysis	EPA-Lloyd Kahn		1	495589	LWM	EET PIT	05/09/25 17:36
Total/NA	Prep	300_Prep			816731	TR	EET CHI	05/07/25 11:38
Total/NA	Analysis	N07-0003		1	816776	TR	EET CHI	05/07/25 13:43
Total/NA	Prep	SM 4500 NH3 B			817691	EB	EET CHI	05/14/25 15:27 - 05/14/25 16:27 ¹
Total/NA	Analysis	SM 4500 NH3 G		1	817825	KF	EET CHI	05/15/25 09:11

Client Sample ID: SC-2

Date Collected: 04/28/25 00:00

Date Received: 05/06/25 10:30

Lab Sample ID: 500-267884-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	816724	ST	EET CHI	05/07/25 10:56

Client Sample ID: SC-2

Date Collected: 04/28/25 00:00

Date Received: 05/06/25 10:30

Lab Sample ID: 500-267884-2

Matrix: Solid

Percent Solids: 60.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			495579	DVC	EET PIT	05/09/25 15:53
Total/NA	Analysis	EPA 8270E LL		3	495641	VVP	EET PIT	05/12/25 18:09
Total/NA	Prep	3050B			816677	BDE	EET CHI	05/07/25 08:56 - 05/07/25 14:56 ¹
Total/NA	Analysis	6010D		1	816833	SJ	EET CHI	05/07/25 18:13
Total/NA	Prep	7471B			817108	MJG	EET CHI	05/09/25 15:40
Total/NA	Analysis	7471B		1	817338	MJG	EET CHI	05/12/25 13:59
Total/NA	Prep	351.2			817426	KF	EET CHI	05/13/25 09:50
Total/NA	Analysis	351.2		10	817535	KF	EET CHI	05/13/25 14:58
Total/NA	Prep	365.2/365.3/365			817447	MF	EET CHI	05/13/25 10:16 - 05/13/25 14:16 ¹
Total/NA	Analysis	365.1		1	817543	MF	EET CHI	05/13/25 16:57

Eurofins Chicago

Lab Chronicle

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: SC-2

Date Collected: 04/28/25 00:00

Date Received: 05/06/25 10:30

Lab Sample ID: 500-267884-2

Matrix: Solid

Percent Solids: 60.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA-Lloyd Kahn		1	495589	LWM	EET PIT	05/09/25 17:59
Total/NA	Prep	300_Prep			816731	TR	EET CHI	05/07/25 11:38
Total/NA	Analysis	N07-0003		1	816776	TR	EET CHI	05/07/25 13:43
Total/NA	Prep	SM 4500 NH3 B			817691	EB	EET CHI	05/14/25 15:27 - 05/14/25 16:27 ¹
Total/NA	Analysis	SM 4500 NH3 G		1	817825	KF	EET CHI	05/15/25 09:12

Client Sample ID: SC-3

Date Collected: 04/28/25 00:00

Date Received: 05/06/25 10:30

Lab Sample ID: 500-267884-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	816724	ST	EET CHI	05/07/25 10:56

Client Sample ID: SC-3

Date Collected: 04/28/25 00:00

Date Received: 05/06/25 10:30

Lab Sample ID: 500-267884-3

Matrix: Solid

Percent Solids: 60.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541	RA		495579	DVC	EET PIT	05/09/25 15:53
Total/NA	Analysis	EPA 8270E LL	RA	10	495961	VVP	EET PIT	05/15/25 18:36
Total/NA	Prep	3541			495579	DVC	EET PIT	05/09/25 15:53
Total/NA	Analysis	EPA 8270E LL		10	495641	VVP	EET PIT	05/12/25 18:30
Total/NA	Prep	3050B			816677	BDE	EET CHI	05/07/25 08:56 - 05/07/25 14:56 ¹
Total/NA	Analysis	6010D		1	816833	SJ	EET CHI	05/07/25 18:17
Total/NA	Prep	7471B			817108	MJG	EET CHI	05/09/25 15:40
Total/NA	Analysis	7471B		1	817338	MJG	EET CHI	05/12/25 14:01
Total/NA	Prep	351.2			817426	KF	EET CHI	05/13/25 09:50
Total/NA	Analysis	351.2		10	817535	KF	EET CHI	05/13/25 14:59
Total/NA	Prep	365.2/365.3/365			817447	MF	EET CHI	05/13/25 10:16 - 05/13/25 14:16 ¹
Total/NA	Analysis	365.1		1	817543	MF	EET CHI	05/13/25 16:58
Total/NA	Analysis	EPA-Lloyd Kahn		1	495589	LWM	EET PIT	05/09/25 18:22
Total/NA	Prep	300_Prep			816731	TR	EET CHI	05/07/25 11:38
Total/NA	Analysis	N07-0003		1	816776	TR	EET CHI	05/07/25 13:43
Total/NA	Prep	SM 4500 NH3 B			817691	EB	EET CHI	05/14/25 15:27 - 05/14/25 16:27 ¹
Total/NA	Analysis	SM 4500 NH3 G		1	817825	KF	EET CHI	05/15/25 09:12

Client Sample ID: Parent - Combined

Date Collected: 04/28/25 00:00

Date Received: 05/06/25 10:30

Lab Sample ID: 500-267884-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	816724	ST	EET CHI	05/07/25 10:56

Eurofins Chicago

Lab Chronicle

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Client Sample ID: Parent - Combined

Lab Sample ID: 500-267884-4

Date Collected: 04/28/25 00:00

Matrix: Solid

Date Received: 05/06/25 10:30

Percent Solids: 60.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			495579	DVC	EET PIT	05/09/25 15:53
Total/NA	Analysis	EPA 8270E LL		2	495641	VVP	EET PIT	05/12/25 18:52
Total/NA	Prep	3050B			816677	BDE	EET CHI	05/07/25 08:56 - 05/07/25 14:56 ¹
Total/NA	Analysis	6010D		1	816833	SJ	EET CHI	05/07/25 18:22
Total/NA	Prep	7471B			817108	MJG	EET CHI	05/09/25 15:40
Total/NA	Analysis	7471B		1	817338	MJG	EET CHI	05/12/25 14:03
Total/NA	Prep	351.2			817426	KF	EET CHI	05/13/25 09:50
Total/NA	Analysis	351.2		10	817535	KF	EET CHI	05/13/25 14:59
Total/NA	Prep	365.2/365.3/365			817447	MF	EET CHI	05/13/25 10:16 - 05/13/25 14:16 ¹
Total/NA	Analysis	365.1		1	817543	MF	EET CHI	05/13/25 16:59
Total/NA	Analysis	EPA-Lloyd Kahn		1	495589	LWM	EET PIT	05/09/25 18:44
Total/NA	Prep	300_Prep			816731	TR	EET CHI	05/07/25 11:38
Total/NA	Analysis	N07-0003		1	816776	TR	EET CHI	05/07/25 13:44
Total/NA	Prep	SM 4500 NH3 B			817691	EB	EET CHI	05/14/25 15:27 - 05/14/25 16:27 ¹
Total/NA	Analysis	SM 4500 NH3 G		1	817825	KF	EET CHI	05/15/25 09:13

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: City of Madison (WI)
Project/Site: City of Madison NR347 Sediment

Job ID: 500-267884-1

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399172840	08-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998027800	08-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA-Lloyd Kahn		Solid	Total Organic Carbon

• eurofins

Ver: 10/10/2024 05/19/25

500-267884

Attachment

Attachment I. Parameters for Testing

Required Parameters for Testing Stricker's Pond Forebay 04.25.2025		
Parameter	Suggested Analytical Method	Required Detection Limit (ug/g dry)
Inorganics-Metals¹		
Arsenic	SW-846 3050B/6010B/C/D	1.0
Cadmium	SW-846 3050B/6010B/C/D	0.1
Chromium (total)	SW-846 3050B/6010B/C/D	0.5
Copper	SW-846 3050B/6010B/C/D	0.5
Lead	SW-846 3050B/6010B/C/D	1.0
Mercury	SW-846 7471A/B	0.015
Nickel	SW-846 3050B/6010B/C/D	0.5
Zinc	SW-846 3050B/6010B/C/D	0.5
Inorganics-Nutrients²		
Total Phosphorus	Bray-1, USGS I-6600, EPA 365.1	9.9
Nitrate + Nitrite	Flow Injection (Lachat), EPA 300.0, EPA 350.1	0.25
Ammonia-Nitrogen	USGS I-6522, EPA 1690	0.16
Total K-Nitrogen	Total Nitrogen, SM 4500Norg B/C, EPA 351.2	
Particle Size Analysis	ASTM D-422 (%)	
Organics³		
PAHs	SW-846 8270A/B/C/D/E-SIM	9.93 ng/g or lower
Total Organic Carbon	SW 846 EPA 9060	44



CORRESPONDENCE/MEMORANDUM State of Wisconsin

DATE: April 25, 2025 FILE REF: WP-IP-SC-2025-13-X04-09T12-02-10

TO: Sarah Bogen and Allen Ramminger, Wetlands Specialists
Waterways Program

FROM: Camille Bruhn, Water Quality Biologist
Water Quality Program

SUBJECT: Updated Stricker's Pond Forebay Sediment Sampling Request, City of Madison, Dane County

SEDIMENT SAMPLING REQUEST

For the proposed dredging of Stricker's Pond Forebay in the City of Madison, Dane County, I recommend the applicant undertake sediment sampling to adequately characterize the chemical composition of the sediment material prior to removal, according to the following:

From the provided details, the area to be dredged will remove about 4,000 cubic yards of material. Based on this proposal, 3 sediment core samples from within the proposed project area should be collected approximately equidistant along the waterway to represent the material proposed for removal (see map below with approximate sampling locations). The samples should be taken with a core sampler to a depth that includes the accumulated sediment and two feet of the parent material to be removed at each sampling location, according to NR 347.06 (6)(a). Each core should be split into two sections: the portion with accumulated sediment, and the portion with the parent material. If the accumulated sediment is 1 foot deep, then a 3 foot core would be collected and split into a 1 foot section representing the accumulated sediment and a 2 foot section representing the parent material. The section of each core that represents the accumulated sediment should be submitted separately for analysis (three samples- one each from locations 1, 2, and 3). The section of each core that represents the parent material should be homogenized, and a grab sample taken from the composited mixture (one sample from the combined bottom 2 feet of material from locations 1, 2, and 3). This will result in a total of four samples. The four samples should be analyzed for the parameters listed in the attachment.

Sediment core sample locations and total core lengths shall be recorded. Additionally, photos of the sediment cores shall be taken prior to mixing. The information and photos shall be submitted with the sample analysis results. All sample analyses should follow the suggested analytical methods and meet required detection limits listed in the attached table. Additionally, sampling and analyses shall be done in accordance with Ch. NR 347.06 Wis. Admin Code, unless modified by specific methods described in letter. All analyses submitted to the Department shall be done by a laboratory certified or registered under Ch. NR 149, Wis. Admin. Code. The laboratory should retain all initial samples in case additional analyses are required. Please note that depending upon sampling results, the Department may require additional samples and analyses under Ch. NR 347.06(6)(e), Wis. Admin. Code.

If the applicant has any questions regarding the information or requirements outlined above, they are welcome to contact me at Camille.Bruhn@Wisconsin.gov

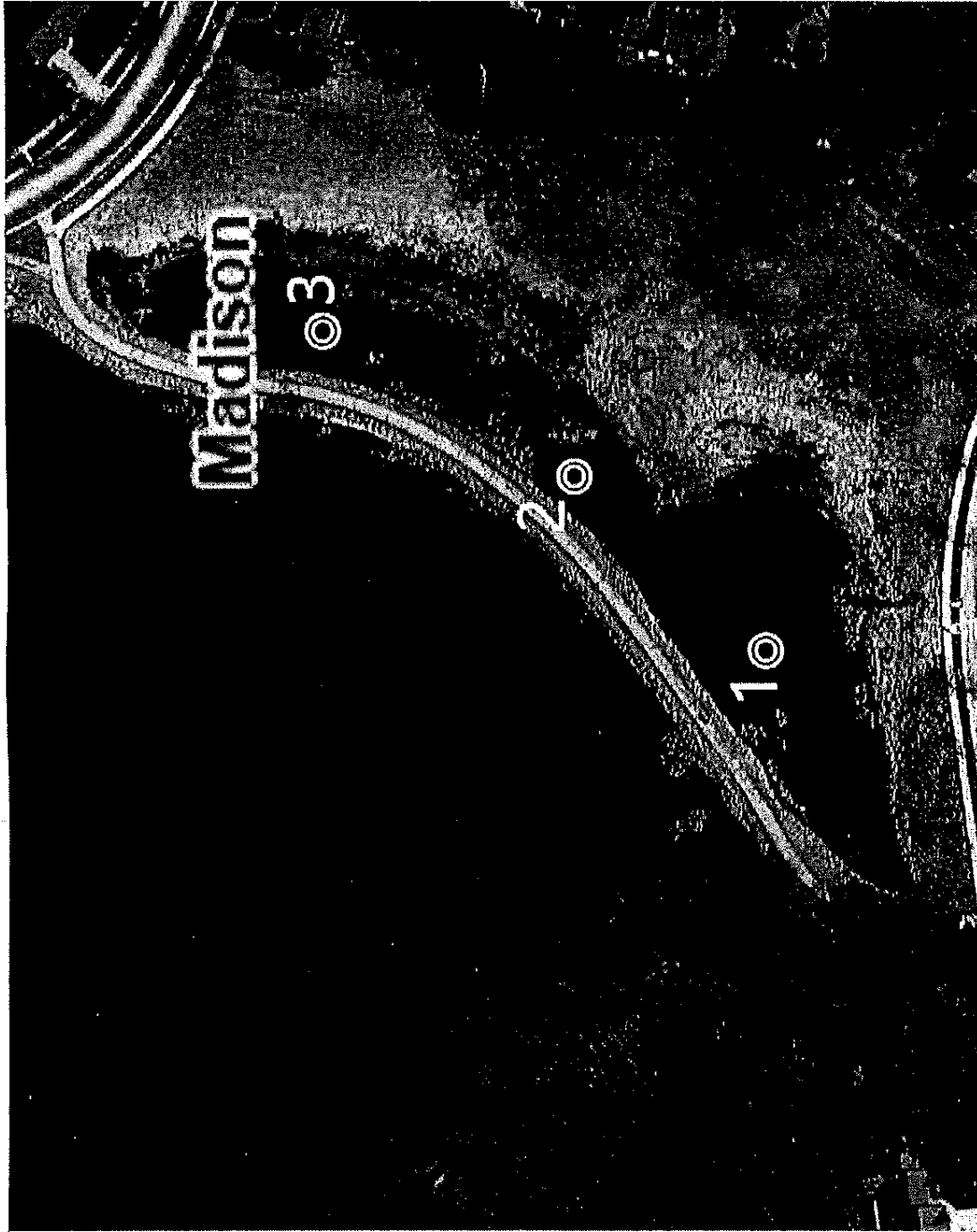
Below are links to Wisconsin DNR's sediment sampling procedures and quality guidelines:



Printed on
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Paper

Guidance for Applying the Sediment Sampling and Analysis Requirements of Chapter NR 347,
Wisconsin Administrative Code:
<https://dnr.wisconsin.gov/sites/default/files/topic/Brownfields/sediments/WT0778.pdf>.

Consensus-Based Sediment Quality Guidelines: <https://widnr.widen.net/s/fkwscvxq26/r088>.



18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone (708) 534-5200 Phone (708) 534-5211

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Invoice	Date : 30Apr25	Shipping :	0 00
Customer	Weight : 25 LBS	Special	0 00
Phone : (708)534-5200	COD	Handling	0 00
Dept :	DV :	Total	0.00

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ORIGIN ID-RRLA (608) 261-8592
SARAH LERNER
CITY OF MADISON
210 MARTIN LUTHER KING JR BLVD
ROOM 115 CITY COUNTY BUILDING
MADISON, WI 53703
UNITED STATES US

SHIP DATE: 30APR25
ACTWT: 25.00 LB HHN
CAD: 0780307/CAFE3855

TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

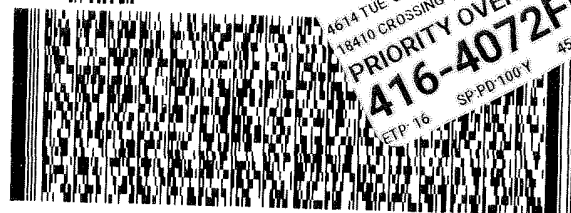


500-267884 Waybi

(708) 534-5200
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PO

REF:

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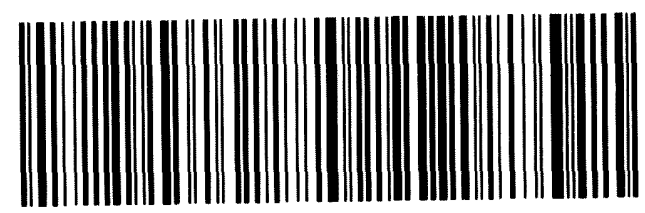


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#2604075 05/05 58CJ3/630D/C6C4

Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM	Carrier Tracking No(s)	COC No								
Client Contact: Donna Campbell Campbell, Donna L		E-Mail Donna.Campbell@et.eurofins.com	N/A	500-200326 1								
Company Eurofins Environment Testing Northeast L		Phone N/A	State of Origin Wisconsin	Page Page 1 of 1								
Address 301 Alpha Drive, RIDC Park, Pittsburgh State, Zip PA, 15238		Accreditations Required (See note) State - Wisconsin, State Program - Wisconsin										
Phone 412-963-7058(Tel) 412-963-2468(Fax)		Job # 500-267884-1										
Email N/A		Preservation Codes:										
Project Name City of Madison NR347 Sediment		Analysis Requested										
City N/A		Due Date Requested: 5/12/2025										
State, Zip PA, 15238		TAT Requested (days): N/A										
PO # N/A		Perform MS/MSD (Yes or No)										
WO # N/A		8270E, L1/3541, L1 (MOD) PAHs by GC/MS-Low Level										
Project # 50024842		Lloyd_Kahn_Mod/Lloyd Kahn-Single Burn										
City of Madison		Field Filtered Sample (Yes or No)										
Site N/A		BT-Tissue, A=Air										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=grab, G=grab)	Matrix (W=water, S=solid, O=water/soil)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E, L1/3541, L1 (MOD) PAHs by GC/MS-Low Level	Lloyd_Kahn_Mod/Lloyd Kahn-Single Burn	Total Number of containers	Special Instructions/Note:
SC-1 (500-267884-1)	5/5/25	Central	G	Solid				X	X		1	
SC-2 (500-267884-2)	5/5/25	Central	G	Solid				X	X		1	
SC-3 (500-267884-3)	5/5/25	Central	G	Solid				X	X		1	
Parent - Combined (500-267884-4)	5/5/25	Central	G	Solid				X	X		1	
												
500-267884 Chain of Custody												
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon the client. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.												
Possible Hazard Identification												
Unconfirmed												
Deliverable Requested 1, II, III, IV, Other (specify)												
Primary Deliverable Rank. 2												
Empty Kit Relinquished by												
Relinquished by:  Date: 5/7/25												
Relinquished by:  Date: 5/7/25												
Relinquished by:  Date: 5/7/25												
Custody Seals Intact: Custody Seal No												

Login Sample Receipt Checklist

Client: City of Madison (WI)

Job Number: 500-267884-1

Login Number: 267884

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.6 Samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: City of Madison (WI)

Job Number: 500-267884-1

Login Number: 267884

List Number: 2

Creator: Ryan, Shannon G

List Source: Eurofins Pittsburgh

List Creation: 05/08/25 11:44 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	