



**"Changing our World One Drop at a Time"**  
**Waterford Waterway Management District**  
[WWW.waterfordwwmd.com](http://WWW.waterfordwwmd.com)

Board of Commissioners Meeting Minutes  
March 16, 2015

Call to Order, Roll Call

Chairman Barb Baron called the meeting to order at 7:00 PM at the Waterford Town Hall, Waterford, WI. Commissioners present were Gary Bluemel, Ted Derse, and Paul Kling. Barb Baron & Don Baron joined the meeting by phone.

- ✓ Motion to approve \$3,746.75 on Graef invoice 83784 for Phase 4 work thru January 2015 was made by Cmr. Kling, 2<sup>nd</sup> by Cmr. Bluemel. Vote 5 Yes, 0 No.
- ✓ Motion to approve an new Graef proposal for additional services, Phase 4 Amendment 1 - dated March 11, 2015, to replace Graef proposal, Phase 4 Amendment 1- dated February 26, 2015, which was approved at the February 28, 2015 Board meeting. Not to exceed \$20,900, was made by Cmr. Kling, 2<sup>nd</sup> by Cmr. Bluemel. Vote 5 Yes, 0 No.
- ✓ A motion to adjourn was made at 7:15 PM by Cmr. Kling, 2<sup>nd</sup> by Cmr. Bluemel. Vote: 5 Yes, 0 No.

Respectfully Submitted,

Paul Kling  
WWMD Secretary

# INVOICE

Milwaukee, Wisconsin  
414 / 259 1500  
414 / 259 0037 fax  
[www.graef-usa.com](http://www.graef-usa.com)

FEI #39-1083592



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Waterford Waterway Management District  
PO Box 416  
Waterford, WI 53185

February 27, 2015

Project No: 2013-0365.04  
Invoice No: 0083784

Waterford Ecosystem

**Professional Services through January 31, 2015**

**Professional Personnel**

		Hours	Rate	Amount
Professional VI				
Schneider, Brian	1/2/2015	.50	141.00	70.50
Phosphorous Levels/Permit Status Review				
Schneider, Brian	1/5/2015	1.50	141.00	211.50
Summary/Update				
Schneider, Brian	1/6/2015	1.50	141.00	211.50
Summary/Letters DeGrave and Super Mix				
Schneider, Brian	1/7/2015	.50	141.00	70.50
Wetland Permit				
Schneider, Brian	1/8/2015	2.00	141.00	282.00
Letters DeGrave/Super Mix				
Schneider, Brian	1/9/2015	.50	141.00	70.50
Letters DeGrave/Super Mix				
Schneider, Brian	1/12/2015	1.50	141.00	211.50
DeGrave/PM/DNR Response				
Schneider, Brian	1/16/2015	1.00	141.00	141.00
Jeff Thornton/DeGrave/TimLizotte				
Schneider, Brian	1/20/2015	1.00	141.00	141.00
Update Memo/DeGrave Site				
Schneider, Brian	1/26/2015	.50	141.00	70.50
PM/Mtg. Prep.				
Schneider, Brian	1/27/2015	1.00	141.00	141.00
Malchine/memo				
Schneider, Brian	1/28/2015	2.00	141.00	282.00
DeGrave/Marty Johnsn/Mtg. Prep.				
Schneider, Brian	1/29/2015	5.50	141.00	775.50
Mtg. and Mtg. Prep				

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Project	2013-0365.04	Waterford Ecosystem - Phase 4		Invoice	0083784
Schneider, Brian		1/30/2015	2.00	141.00	282.00
Response - DeGrave/Ranke/Wetlands Coordination					
Professional V					
Parish, Geoffrey		1/8/2015	.50	128.00	64.00
Review letters of intent for sediment management properties					
Parish, Geoffrey		1/26/2015	.50	128.00	64.00
Response to WDNR					
Parish, Geoffrey		1/29/2015	4.50	128.00	576.00
WDNR Meeting on Permis					
Technician/Inspector II					
Lozano, Jacob		1/9/2015	.75	78.00	58.50
reuse area map-BS					
Totals			27.25		3,723.50
<b>Total Labor</b>					<b>3,723.50</b>
<b>Unit Billing</b>					
Company Vehicle Mileage - Milwaukee					
1/29/2015			31.0 Miles @ 0.75	23.25	
<b>Total Units</b>				<b>23.25</b>	<b>23.25</b>
				<b>Total this Invoice</b>	<b>\$3,746.75</b>

Project Manager:  
Brian Schneider



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March 11, 2015

Mr. Don Baron  
Waterford Waterway Management District  
P.O. Box 416  
Waterford, WI 53185

Subject: Proposal for Additional Services (Phase 4 Amendment 1), Waterford Waterway Ecosystem Restoration Project, Waterford, Wisconsin

Dear Don:

Per your request, Graef-USA Inc. (GRAEF) is pleased to provide this proposal to amend our services to Waterford Waterway Management District (Client). An executed copy of this proposal will amend our Agreement dated July 16, 2013.

This proposal is for professional services for the Waterford Waterway Ecosystem Restoration (Project). This proposal is subject to GRAEF's Standard Terms and Conditions, which were attached to the original Agreement. This proposal is for Additional Services to respond to permit comments from the WDNR and the Army Corps of Engineers, and prepare revisions to the permit application. These services will be completed under the existing GRAEF Project Number 2013-0365.04. These Additional Services are intended to respond to WDNR comments on the Chapter 30 permit application provided in the letter from the WDNR dated October 23, 2014.

Note that with the current configuration of dewatering sites, there is likely insufficient capacity to complete the entire project in a timely and economical fashion, and agreements are not in place for the dewatering sites or sediment use sites and/or contractors. Based on this, the following is recommended prior to proceeding with preparation of bid documents:

- Complete a letter of interest with DeGrave. A letter of interest has been provided by the WDNR for sites B1 and B2.
- Complete a site evaluation and negotiate a letter of interest with Super Aggregates.
- If Super Aggregates is not available, continue to pursue statements of interest to incorporate in the permit application from Ratieke, Buchholtz, Himebauch, Malchine, and Griel.
- Prioritize channels to be dredged based on projected use (by WWMD).

For this Project, GRAEF proposes to provide the following Additional Basic Services:

- Respond to permit comments from the WDNR and the Army Corps of Engineers and prepare revisions to the permit application including:

- Provide additional details and design of the in-stream piping;
- Revise spill prevention plan;
- Obtain a letter of permission/interest from DeGrave, including volume and staging summary (in process);
- Design energy dissipation detail for carriage water return;
- Revise elevations, grading plans, and exhibits for sites B1 and B2;
- Review solid waste requirements on the WDNR sites B1 and B2, and DeGrave property;
- Respond to NR 216 permitting questions from WDNR;
- Respond to cultural resource questions from the WDNR.
- Assist with obtaining letters of interest for additional sediment management sites including properties owned by Ratieke, Malchine, Bucholtz, and Himebauch (in process);
- Negotiate with the WDNR regarding the type of wetland permit;
- Complete a wetland impact Individual Permit (IP) application for impacts greater than 10,000 square feet related to timber matting and pipeline temporary impacts for work on sites B1 and B2 including additional site reconnaissance, preparation of exhibits and evaluation of alternatives to minimize impact, and provide an additional \$300 application fee (a \$500 was included for the GP application);
- Revise the General Permit application for submittal to the Army Corps of Engineers (in process);
- Develop and propose alternatives to the WDNR for project phases and permitting by sub-groups (in process);
- Prepare for and attend a meeting with the WDNR on January 29, 2015,
- Develop phasing plan and exhibits for work within the river to submit to the WDNR (in process);
- Complete the following tasks related to the use of the Super Aggregates sites for dewatering and beneficial reuse of the dewatered sediment:
  - Complete a wetland determination (desktop review and reconnaissance) of the Super Aggregates sites shown on the attached Figure 1. It is assumed that a wetland delineation will not be required.
  - Complete a route review and a wetland determination for the proposed piping routes shown on the attached Figure 2.



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- Prepare and submit a request for an Exemption for a Project Impacting Artificial Wetlands to the WDNR, and a request for a Jurisdictional Review to the Army Corps of Engineers for the site.
- Assist with contacting and soliciting interest in entering into easement agreements from property owners along the piping route to the site.
- Prepare exhibits showing the proposed piping routes.
- Prepare exhibits showing the work area for the Super Aggregates and locations for the dewatered sediment. It is assumed that the dewatered sediment will be placed in accordance with an existing NR 135 reclamation plan approved by the County.
- Amend the dredging permit application to include use of the Super Aggregates site for sediment dewatering.

GRAEF will endeavor to perform the proposed additional Basic Services on an ongoing basis through the spring of 2015. This schedule is subject to discussions with Super Aggregates regarding their two sites which are anticipated to be included in the Chapter 30 dredging permit application, and subject to requirements of the WDNR for investigating and including the Super Aggregates site and piping route in the application.

For this Project, it is our understanding Client will provide the following services, items and/or information:

- Contact and negotiate with landowners interested in participating in sediment management.
- Contact and negotiate with landowners interested in entering into easement agreements for temporary pipe placement.

For the proposed Basic Services, Client agrees to compensate GRAEF on a time and materials basis for an estimated fee as follows:

<b>Phase 4 Amendment 1 Additional Services</b>	<b>\$17,800 - \$20,900</b>
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An approximate itemization of this estimated fee is as follows:

- Respond to permit comments (excluding wetlands);
  - \$500 - \$800 (Note that this work was primarily completed under Phase 4.)
- Assist with obtaining letters of interest for additional management sites;
  - \$2,500 - \$3,000

- Negotiate with WDNR regarding wetland application, complete a wetland impact Individual Permit (IP) application for WDNR, and revise the General Permit application for submittal to the Army Corps of Engineers;
  - \$4,900
- Develop and propose alternatives to the WDNR for project phases and permitting by sub-groups;
  - \$900 - \$1,200
- Prepare for and attend meeting with the WDNR on January 29, 2015;
  - \$1,500
- Develop phasing plan and exhibits for work within the river to submit to the WDNR.
  - \$1,000
- Evaluation and incorporation of the Super Aggregates site in the dredging permit application.
  - \$4,500 - \$5,500
- Project Management/Conference Calls/Coordination
  - \$2,000 - \$3,000

This cost breakdown is provided for reference only and actual costs for each task will vary. Detailed notes describing the work performed will continue to be provided with invoices but tasks will not be tracked by these categories for billing purposes.

**Future Services**

At your written request, GRAEF will provide the following services that are not included but can be provided for additional compensation as detailed below:

- Prepare presentation materials and attend additional meetings with WDNR and/or WWMD, including public meetings;
- The following work related to the Super Aggregates site:
  - Complete wetland field delineation, reports, and amend wetland permit application to incorporate the Super Aggregates site and/or piping routes to the site.
  - Prepare a final grading plan for the area of work at the Super Aggregates sites if not included in an NR 135 reclamation plan.
- Attend meetings with owners of prospective sediment management sites;
- Prepare Bid Documents and complete additional analyses and investigations in support of Bid Documents (Proposed Phase 5 Services) that could include:



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- Collect and analyze samples of dewatered sediment sample(s) for parameters required by the WDNR to obtain approval for disposal of the dewatered sediment at residential and farm sites;
- Prepare easements for pipe routes;
- Complete wetland field delineation, reports and permit applications, and soil boring investigations at Rateike and/or other properties;
- Conduct negotiations and assist with obtaining agreements with owners of potential dewatering sites and/or dewatered sediment management sites; and
- Provide pre-bid and pre-construction services including solicitation and pre-qualification of interested contractors, pre-bid meetings, responding to questions from bidders, and evaluation of contractor bids.

To accept this proposal, please sign and date both enclosed copies and return one to us. Upon receipt of an executed copy, GRAEF will commence work on the Additional Basic Services for the Project.

Graef-USA Inc. looks forward to providing additional services to Waterford Waterway Management District.

Sincerely,  
Graef-USA Inc.

**Accepted by: Waterford Waterway  
Management District**

Geoffrey B. Parish, PG, PH  
Hydrogeologist

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

Brian Schneider, PE, LEED® AP, CDT  
Environmental Group Leader

\_\_\_\_\_  
(Name Printed)

(Date)