

Memorandum

To: Vadnais Lake Area Water Management Organization (VLAWMO)
From: Greg Wilson, Barr Engineering Co.
Subject: Tracking through Final Payment (#4) for Oak Knoll Pond Spent Lime Application
Date: August 5, 2024

At its August 2023 meeting, VLAWMO entered into an agreement with Erosion Works (EW) to apply spent lime, obtained from the White Bear Lake water treatment facility, to Oak Knoll Pond to control sediment phosphorus release. The contract called for a \$1,750 unit price for each load of spent lime applied to the shallower zone (Zone 1; **14 loads**) of the pond and a \$4,500 unit price for each load of spent lime applied to the deeper zone (Zone 2; **8 loads**) of the pond. **As of Payment #4, both zones have been treated, the project has been completed and this request is payment in full to EW.**

EW submitted a request for Payment #4 with single loads of spent lime on each of the following dates:

- 6/12/24—Zone 1
- 6/20/24—Zone 1
- 6/26/24—Zone 1
- 6/27/24—Zone 1
- 7/10/24—Zone 1
- 7/12/24—Zone 1
- 7/16/24—Zone 1
- 7/23/24—Zone 1
- 7/26/24—Zone 1

The attachment provides copies of EW's invoicing for each spent lime load included in final Payment #4. Barr recommends that VLAWMO pay EW the total invoiced amount of \$15,750 for the nine (9) loads of spent lime applied to Oak Knoll Pond. The project total invoiced and status to date is shown in the table below:

RFP date	Contractor invoices included in RFP	Total Cost	Status
January 24, 2024	#86501 (Z1), #88341 (Z2), #88216 (Z2), #88088 (Z2), #88050 (Z2), #86662 (Z1), #86590 (Z1)	\$23,250	Paid
April 17, 2024	#91009 (Z2), #91058 (Z2)	\$9000	Paid

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Page: 2

May 24, 2024	#91763 (Z2), #91808 (Z2), #91909 (Z1), #92178 (Z1)	\$12,500	Paid
Aug. 5, 2024	#92740 (Z1), #92979 (Z1), #93154 (Z1), #93205 (Z1), #93565 (Z1), #93656 (Z1), #93712 (Z1), #93901 (Z1), #94003 (Z1)	\$15,750	Recommended for payment
Total cost for invoices received (Zone 1 = 14 and Zone 2 = 8)		\$60,500	
Amount remaining (Total project = \$60,500)		\$0	



Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
6/12/2024	92740

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 6/12 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
6/20/2024	92979

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 6/19 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
6/26/2024	93154

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 6/26 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
6/27/2024	93205

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 6/27 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
7/10/2024	93565

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 7/10 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
7/12/2024	93656

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 7/12 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
7/16/2024	93712

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 7/16 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
7/23/2024	93901

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 7/23 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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Erosion Works
 8177 199th Ave NW
 Elk River, MN 55330

Invoice

Date	Invoice #
7/26/2024	94003

Bill To
Vadnais Lake Area Water Management 800 East Co. Rd E Vadnais Heights, MN 55127

Phone 763-262-7458 Fax 763-712-1851 Email: erosionworks@msn.com Website: www.erosionworks.net
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P.O. No.	Terms	Project

Description	Quantity	Rate	Amount
Hydro Seed - Spent Lime Slurry Application to Zone 1 of Oak Knoll Pond	1	1,750.00	1,750.00
Did the above work on 7/26 as requested by Greg			

Thank you for your business.	Total	\$1,750.00
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