

Operations Committee Meeting
Thursday, April 28, 2022 8:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS

Nothing to consider for unfinished business.

2. WILD NE AND OTHER PROGRAMS

Last July and September it was brought to the Boards attention that NE Game & Parks and NRD staff were communicating with Ducks Unlimited to pursue a NAWCA Grant for the renovation/development of the wetland on the Wanahoo property just west of the dirt burrow site on Co. Rd P. The NAWCA grant would cover 50% (\$62,500), NRD 50% (\$62,500) and G & P and additional \$20,000 to expand the project scope by increasing depth of the wetland excavated area. The area covers approximately 16 acres (photo attached).

DU is finalizing the grant application and need a budgetary commitment from the District before they submit.

3. OPERATION & MAINTENANCE & OTHER ITEMS

The O & M crew continues to cut and pile trees, move and place rip-rap to stabilize shoreline at Wanahoo that threatens the trail, and preparing for tree packaging and planting season.

3.A. Wanahoo Stilling Basin - (FEMA)

Apron Floor Overlay

General Excavating was hired to clean, drill holes and place anchors for a pull test in the stilling basin apron floor. Their contract is for \$18,565. The old floor debris was cleaned out, and a couple of holes were drilled. Strong winds caused water over the weir, flooding the floor. We are managing water to lower the lake and will pump water again to drill holes and epoxy anchors in the floor.

M.E. Collins was also contacted but could not give a firm start or completion date. Terracon will do the pull test on the nine anchors.

Stilling Basin - Valley Corp

Attached is the final Valley Pay Application and Change Orders 1 & 2 Document. Final payment amount is \$188,310.12 which includes the retainage and change orders. On the Change Order Pay Application document which is \$230,548.79 Valley states "Valley Corp will not request any additional payments for aggregates above original contract totals and Change Order 1 & 2 total quantity additions and estimated quantity totals will be paid in full. Full payment for work completed in payment application No. 6 & 7/ Final including retainage to be paid in full without deductions". The Committee recommends a motion from the Board.

FYRA Invoices

The previous invoice from FYRA worth \$37,991.25 and current invoice of \$2,835.00 are attached for review.

3.B. Wanahoo Relief Well Reconditioning

Rieschick Drilling Co. will be here in May to recondition the seven relief wells on the Wanahoo Dam.

3.C. Haying Recreation Areas

Hay bids for our three recreation areas were due Wednesday, April 27th and will be reviewed by the committee. We received bids from five individuals.

Bid spreadsheet is attached.

High bid for Czechland is Dan Ourada at \$79.00/ton.

Homestead - Dan Kadavy at 81.00/ton.

Wanahoo Area "A" - Ken Cejka \$88.00/ton

Wanahoo Areas "B" & "C" - Meduna Family Farms \$71.00/ton.

Dan Kadavy's bid came in the mail after the due date of April 27 at 4:00 p.m. but is post marked April 26th.

3.D. Cottonwood Dam Assessments

The District is having Cottonwood 7-A (Czechland) and 21-A (above Malmo), both high hazard dams, assessed through an NRCS Dam Assessment Program. There will be nine dams assessed in eastern Nebraska for Lewis & Clark (3), LPSNRD (3), Norfolk & Lower Elkhorn (1) through this NRCS Program. We are cooperating with NARD as the lead. NARD asked for RFP's from engineering firms for these assessments. Five firms presented RFP's, NARD and the District's reviewed the RFP's and selected JEO to perform the nine assessments at a price of \$139,500. JEO's must complete the assessments by the end of September. This is entirely funded by NRCS.

The assessment on Cottonwood 21-A will give us a second opinion whether we need to modify the emergency spillway and county road elevation. If the assessment agrees with DNR's evaluation, we would then pursue federal funding at 65% to modify the dam.

3.E. Big Game Conservation Association Request

The Big Game Conservation Association (BGCA) would like to place a second elevated deer hunting blind on the Wanahoo property. The use of the hunting blinds is for youth mentor hunting and individuals must register online through the PATH Hunting Program (G & P) to hunt the area. Staff has met with Big Game Conservation Chairman Chris Edwards and have coordinated with NE Game & Parks. Attached are aerial photo's of the current blind location and potential locations for others.

The Wahoo Ducks Unlimited Chapter has three blinds on Lake Wanahoo.

3.F. Conservation Tree Program

The District has ordered 17,875 trees. The majority of our trees, from Halsey, were delivered on Thursday, April 28th. This has set some districts back as much as 2 weeks. We will now package those for people to plant themselves and then start on the 14 plantings the District has scheduled.

4. ROCK AND JETTY

Dave Medinger of Butler County let the District know he and his dad will continue to do bank stabilization along the Platte River this summer and will request cost-share assistance.

5. LAKE WANAHOO

5.A. Lake Wanahoo Permit Sales

For the month of April (as of 4/27), the District received \$8,790.00 in annual park permit revenue. The year by year breakdown for annual permits sold during the month of April is listed below.

| | | |
|-----------------|--------------------|----------------|
| 5.B. Month | 5.C. Monthly Total | 5.D. YTD Total |
| 5.E. April 2022 | 5.F. 8,790.00 | 5.G. 35,912.50 |
| 5.H. April 2021 | 5.I. 13,645.00 | 5.J. 48,562.50 |
| 5.K. April 2020 | 5.L. 10,390.00 | 5.M. 37,932.50 |
| 5.N. April 2019 | 5.O. 10,407.50 | 5.P. 39,497.50 |

5.Q. Lake Wanahoo Camping Revenue

For the month of April, as of 4/27, the District has received \$5,208.50 in camping revenue at Lake Wanahoo. The year by year comparison for the month of April is listed below.

| 5.R. Year | 5.S. Revenue |
|-----------------|----------------|
| 5.T. April 2022 | 5.U. 5,208.50 |
| 5.V. April 2021 | 5.W. 11,282.38 |
| 5.X. April 2020 | 5.Y. 18,605.07 |
| 5.Z. April 2019 | 5.AA. 7,495.40 |

5.BB. Clint Johannes Education Building

During the month of April, the building was rented 21 times, with 3 NRD rentals/events. Revenue for the month was \$1,560. There are 7 weekend openings between now and the end of the year, otherwise all Saturdays and Sundays are booked.

6. INFORMATION AND EDUCATION

6.A. Information

6.A.1. Radio & eAds

April's KTIC Radio ad and Wahoo Newspaper e-ad featured the three NRD recreation areas.

6.A.2. Analytics

| 6.A.3. FACEBOOK | 6.A.4. Total Reach | 6.A.5. Engagements | 6.A.6. Followers |
|-------------------|--------------------|--------------------|------------------|
| 6.A.7. April 1-25 | 6.A.8. 4,428 | 6.A.9. 653 | 6.A.10. 1,360 |

| | | | |
|----------------------|----------------------|-------------------|-------------------|
| 6.A.11. M arch | 6.A.12. 8,46 0 | 6.A.13. 1,7 70 | 6.A.14. 1 ,346 |
| 6.A.15. F ebruary | 6.A.16. ,253 | 6.A.17. 345 | 6.A.18. 1 ,330 |

6.A.19.

| | | | |
|--------------------------|--------------------------------------|-----------------------------|---------------------------|
| 6.A.20. WITT ER | 6.A.21. T otal impress ions | 6.A.22. En gagemen ts | 6.A.23. F ollow ers |
| 6.A.24. pril 1- 25 | 6.A.25. 9, 299 | 6.A.26. 46 3 | 6.A.27. 3 64 |
| 6.A.28. arch | 6.A.29. 7, 169 | 6.A.30. 34 0 | 6.A.31. 3 62 |
| 6.A.32. ebrua ry | 6.A.33. 1, 755 | 6.A.34. 85 | 6.A.35. 3 57 |

6.A.36.

Top Posts on Facebook and Twitter:

- Fridays share the latest drought monitor map
- Rain barrel workshop
- Seeking summer interns
- Lawn care/greenhouse workshop
- Hay bids being accepted

| | | | | |
|---------------------------------|-----------------------------|---|--|---|
| 6.A.37. EB SIT E | 6.A.38. s e r s | 6.A.39 ra ffi c C ha n n el | 6.A.40. op Pag es | 6.A.41 e vi c es |
| 6.A.42. pri l 1- 25 | 6.A.43. , 2 2 1 | 6.A.44 rg an ic 63 .8 % Di re | 6.A.45. ake Wa nah oo Ho me Cze chla | 6.A.46 o bil e 5 4. 9 1 % |

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6.A.57.

44 from NARD’s website.

26 clicks from Facebook to our website and 1 click from Twitter to our website.

6.A.58. News Channel Nebraska Advertising

The :30 Lake Wanahoo video has been running on News Channel Nebraska through April. We will switch to the Operations and Maintenance video for May.

6.A.59. 100 Millionth Tree Planting

A small celebration of the 100 millionth tree planting will take place East of David City on Tuesday, May 3rd at 10:00am.

Jed and Jeff Struck have purchased and planted hundreds of trees throughout the years from the LPNNRD. We have been working with NARD to make this event happen. Pure Nebraska and Market Journal have shown interest in attending to do a story on the NRDs and the successful tree program.

6.A.60. The Gift of Trees

Nebraska City Tourism and Commerce is recognizing 150 years of Arbor Day. To honor this, they are providing each NRD with a commemorative tree planting in the Spring or Fall of 2022. LPNNRD plans to plant this tree at Lake Wanahoo.

In addition, they are proposing a partnership to gift a tree to every county in the state – The Gift of Trees: 1872-2022. Lacey will be reaching out to the chambers in Dodge, Colfax and Butler to help determine what species of tree to be planted and where. It is suggested to be planted in a high traffic area such as a park, school, etc. There will be a presentation of the history of Arbor Day and the NRD will present the importance of planting trees, with hopes of media coverage. The Nebraska City Tourism and Commerce will also be present at as many tree plantings as possible.

The tree for Saunders County will be planted at Lake Wanahoo.

Lacey reached out to Great Plains Nursery in Weston to get a quote on well

established trees for this project. They have 15-gallon trees for \$148. They have around 8 different species currently available. The choice of species for each county will depend on availability and any city guidelines.

6.B. Education

6.B.1. Past events

Logan View MS/HS Day
Coffee Lakeside
Rain Barrel Workshop
Richland Classroom Visit
Compost, Lawncare, Gardening Workshop
Wahoo 1st grade fieldtrip

6.B.2. Future Events

Spring Conservation Sensation May 4th
St. Wenceslaus Pre-k Field Trip May 9th & 10th
East Butler Field Trip May 11th
Wahoo 3rd grade Field Trip May 16th
Nocturnal Night May 20th

6.B.3. Western Tiger Salamander

Western Tiger Salamander to use for E&O classroom visits, events, etc. Free from UNL and Dr. Ferraro's lab. It's in its larval stage now but will be fully grown in the next month or two. Supplies needed: tank (free donated), sand (free, go collect it), water dish (free, donated), wax worms/crickets/night crawlers (\$4.99/month and collect), eheim mini-flat aquarium filter (\$30).

7. RURAL WATER SYSTEMS

Over the past month the RWD has responded to 13 811 requests. All meters were visually inspected during the meter reading period as part of semi-annual maintenance.

7.A. Colon System

RWD performed annual valve maintenance over the last month; this includes turning gate valves and flushing hydrants.

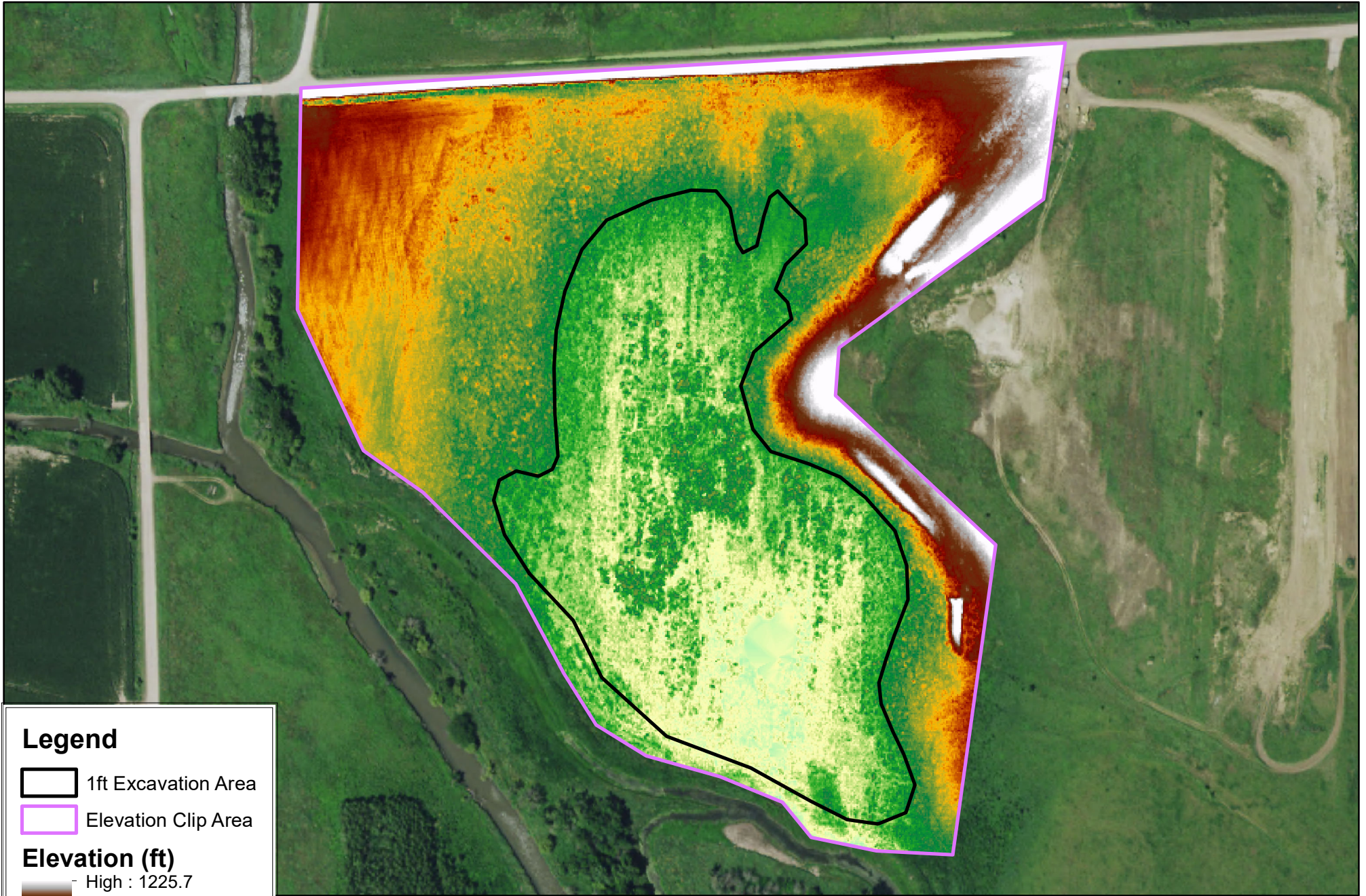
Routine monthly sampling completed, meters read and bills will be mailed 4/28.

7.B. Bruno System



Routine monthly sampling completed, meters read and bills will be mailed 4/28.

7.C. Other

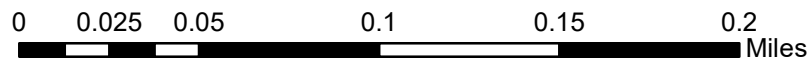
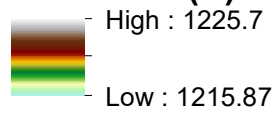
Lake Wanahoo - Elevation



Legend

-  1ft Excavation Area
-  Elevation Clip Area

Elevation (ft)





Contractor's Application for Payment No. 7 (FINAL)

| | | |
|---|--|-----------------------------------|
| Application Period: through 04.20.2022 | | Application Date: 05.06.2022 |
| To (Owner): Lower Platte North Natural Resources District | From (Contractor): Valley Corp General Contractors | Via (Engineer): FYRA Engineering |
| Project: Wanhoo Dam Stilling Basin Rehab | Contract: | |
| Owner's Contract No.: | Contractor's Project No.: 2346 | Engineer's Project No.: 022-19-01 |

**Application For Payment
Change Order Summary**

| Approved Change Orders | | | |
|-----------------------------|--------------|------------|--|
| Number | Additions | Deductions | |
| 1 | \$153,282.10 | | 1. ORIGINAL CONTRACT PRICE..... <u>\$1,452,069.27</u> |
| 2 | \$77,266.69 | | 2. Net change by Change Orders..... <u>\$230,548.79</u> |
| | | | 3. Current Contract Price (Line 1 ± 2)..... <u>\$1,682,618.06</u> |
| | | | 4. TOTAL COMPLETED AND STORED TO DATE |
| | | | (Column G total on Progress Estimates)..... <u>\$1,682,618.06</u> |
| | | | 5. RETAINAGE: |
| | | | a. 10% X _____ Work Completed..... |
| | | | b. 10% X _____ Stored Material..... |
| | | | c. Total Retainage (Line 5.a + Line 5.b)..... |
| | | | 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... <u>\$1,682,618.06</u> |
| | | | 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... <u>\$1,496,312.05</u> |
| | | | 8. AMOUNT DUE THIS APPLICATION..... <u>\$186,306.01</u> |
| | | | 9. BALANCE TO FINISH, PLUS RETAINAGE |
| | | | (Column H total on Progress Estimates + Line 5.c above)..... <u>\$0.00</u> |
| TOTALS | \$230,548.79 | | |
| NET CHANGE BY CHANGE ORDERS | \$230,548.79 | | |

Contractor's Certification

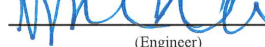
The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By:  Date: 4/20/2022

Payment of: \$ \$186,306.01
(Line 8 or other - attach explanation of the other amount)

is recommended by:  4/20/2022
(Engineer) (Date)

Payment of: \$ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____
(Owner) (Date)

Approved by: _____
Funding or Financing Entity (if applicable) (Date)

**APPLICATION AND CERTIFICATE FOR PAYMENT
AIA DOCUMENT G702**

PAGE ONE OF TWO PAGES

TO: Fyra Engineering PROJECT: APPLICATION NO: 2346-007 FINAL
 12702 Westport Parkway, Suite 300 Wanhoo Dam Stilling Basin Rehabilitation APPLICATION DATE: 04/18/22
 Omaha, NE 68138 PERIOD TO: 04/18/22
 PROJECT NO: 2346

FROM CONTRACTOR:
 Valley Corporation
 28001 Ida Circle, PO Box 589
 Valley, NE 68064

CONTRACT DATE: 05/20/20

CONTRACT FOR: OWNER: Lower Platte North NRD

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
 Continuation Sheet, AIA Document G703, is attached.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

| | |
|--|-----------------|
| 1. ORIGINAL CONTRACT SUM | \$ 1,452,069.27 |
| 2. Net change by Change Orders | \$230,548.79 |
| 3. CONTRACT SUM TO DATE (Line 1 +/- 2) | \$1,682,618.06 |
| 4. TOTAL COMPLETED & STORED TO DATE (Column K and L on G703) | \$ 1,682,618.06 |
| 5. RETAINAGE: | |
| a. 10% of Completed Work (Column K on G703) | \$ - |
| b. 10% of Stored Material (Column L on G703) | \$0.00 |
| TOTAL RETAINAGE | \$0.00 |
| (Lines 5a + 5b or Total in Column O of G703) | |
| 6. TOTAL EARNED LESS RETAINAGE | \$1,682,618.06 |
| 7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) | \$1,406,312.05 |
| 8. CURRENT PAYMENT DUE | \$186,306.01 |
| 9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6) | \$0.00 |

CONTRACTOR: Valley Corporation

By: *[Signature]* Date: 4/20/2022

State of Nebraska County of Douglas
 Subscribed and sworn to before me this 20th day of April 2022

Notary Public:
[Signature]

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

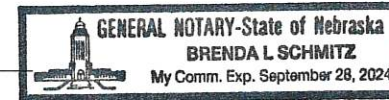
AMOUNT CERTIFIED

(Attach explanation if amount certified differs from amount applied for. Initial all figures on this Application and on the Continuation Sheet that changed to conform to the amount certified.)

ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.



| CHANGE ORDER SUMMARY | ADDITIONS | DEDUCTIONS |
|---|--------------|------------|
| Total changes approved in previous months | \$153,282.10 | \$0.00 |
| Total approved this Month | \$77,266.69 | \$0.00 |
| | \$230,548.79 | \$0.00 |
| NET CHANGES by Change Order: | \$230,548.79 | |

Final Payment Request Note:

Valley Corp will not request any additional payments for aggregates above original contract totals and change order 1 & 2 total quantity additions and estimated quantity totals will be paid in full. Full payment for work completed in payment application No. 6 and No.7/Final including retainage to be paid in full without deductions.

AIA DOCUMENT G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.
 In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 2346-007 Final
 APPLICATION DATE: 04/18/22
 PERIOD TO: 04/18/22
 PROJECT NO: 2346

| ITEM NO. | DESCRIPTION OF WORK | UOM | Contracted Values | | | Previous Application | | Current Application | | | Completed to Date | | Stored Materials | Remaining | | Retained |
|----------|---|-----|-------------------|---------------|-----------------|----------------------|-----------------|---------------------|----------------|----------|-------------------|----------------|------------------|----------------|-------------|---------------|
| | | | Est. Quantity | Unit Price | Contract Value | Quantity | Extended Value | Quantity | Extended Value | Quantity | Extended Value | Remaining | Quantity | Extended Value | 10% | |
| | | | | | | | | | | | | | | | | |
| 1 | MOBILIZATION | LS | 1 | \$ 143,499.29 | \$ 143,499.29 | 1 | \$ 143,499.29 | 0 | \$ - | - | 1 | \$ 143,499.29 | \$ - | 0 | \$ - | \$ 14,349.93 |
| 2 | SWPPP | LS | 1 | \$ 44,553.60 | \$ 44,553.60 | 1 | \$ 44,553.60 | 0 | \$ - | - | 1 | \$ 44,553.60 | \$ - | 0 | \$ - | \$ 4,455.36 |
| 3 | Water Handling | LS | 1 | \$ 123,587.11 | \$ 123,587.11 | 1 | \$ 123,587.11 | 0 | \$ - | - | 1 | \$ 123,587.11 | \$ - | 0 | \$ - | \$ 12,358.71 |
| 4 | Excavation | CY | 400 | \$ 60.14 | \$ 24,056.00 | 400 | \$ 24,056.00 | 0 | \$ - | - | 400 | \$ 24,056.00 | \$ - | 0 | \$ - | \$ 2,405.60 |
| 5 | Filter Mix 1 Aggregate | TN | 1384 | \$ 184.37 | \$ 255,168.08 | 1384 | \$ 255,168.08 | 0 | \$ - | - | 1384 | \$ 255,168.08 | \$ - | 0 | \$ - | \$ 25,516.81 |
| 6 | Filter Mix 2 Aggregate | TN | 1148 | \$ 156.68 | \$ 179,868.64 | 1148 | \$ 179,868.64 | 0 | \$ - | - | 1148 | \$ 179,868.64 | \$ - | 0 | \$ - | \$ 17,986.86 |
| 7 | Sheet Pile | SF | 2072 | \$ 73.93 | \$ 153,182.96 | 2072 | \$ 153,182.96 | 0 | \$ - | - | 2072 | \$ 153,182.96 | \$ - | 0 | \$ - | \$ 15,318.30 |
| 8 | Pressure Grouting | CY | 175 | \$ 608.97 | \$ 106,569.75 | 175 | \$ 106,569.75 | 0 | \$ - | - | 175 | \$ 106,569.75 | \$ - | 0 | \$ - | \$ 10,656.98 |
| 9 | Concrete Baffle | CY | 74 | \$ 1,051.66 | \$ 77,822.84 | 74 | \$ 77,822.84 | 0 | \$ - | - | 74 | \$ 77,822.84 | \$ - | 0 | \$ - | \$ 7,782.28 |
| 10 | Baffle Reinforcement | LB | 1596.2 | \$ 5.98 | \$ 9,513.35 | 1596.2 | \$ 9,513.35 | 0 | \$ - | - | 1596.2 | \$ 9,513.35 | \$ - | 0 | \$ - | \$ 951.34 |
| 11 | Pre-Fabricated Steel Plate for Baffle | LF | 85 | \$ 119.69 | \$ 10,173.65 | 85 | \$ 10,173.65 | 0 | \$ - | - | 85 | \$ 10,173.65 | \$ - | 0 | \$ - | \$ 1,017.37 |
| 12 | Apron Anchor Bolts | EA | 16 | \$ 410.81 | \$ 6,572.96 | 16 | \$ 6,572.96 | 0 | \$ - | - | 16 | \$ 6,572.96 | \$ - | 0 | \$ - | \$ 657.30 |
| 13 | HDPE Gabions | EA | 14 | \$ 9,701.05 | \$ 135,827.30 | 14 | \$ 135,827.30 | 0 | \$ - | - | 14 | \$ 135,827.30 | \$ - | 0 | \$ - | \$ 13,582.73 |
| 14 | Gabion Anchor System - Percussion Drive Anchors | EA | 14 | \$ 672.25 | \$ 9,411.50 | 14 | \$ 9,411.50 | 0 | \$ - | - | 14 | \$ 9,411.50 | \$ - | 0 | \$ - | \$ 941.15 |
| 15 | Gabion Anchor System - Deadman/Cable System | EA | 2 | \$ 6,359.81 | \$ 12,719.62 | 2 | \$ 12,719.62 | 0 | \$ - | - | 2 | \$ 12,719.62 | \$ - | 0 | \$ - | \$ 1,271.96 |
| 16 | Remove & Salvage Rock Riprap | TN | 247.2 | \$ 31.43 | \$ 7,769.50 | 247.2 | \$ 7,769.50 | 0 | \$ - | - | 247.2 | \$ 7,769.50 | \$ - | 0 | \$ - | \$ 776.95 |
| 17 | Place New Rock Riprap | TN | 900 | \$ 131.80 | \$ 118,620.00 | 900 | \$ 118,620.00 | 0 | \$ - | - | 900 | \$ 118,620.00 | \$ - | 0 | \$ - | \$ 11,862.00 |
| 18 | Install Piezometers | EA | 2 | \$ 6,552.00 | \$ 13,104.00 | 2 | \$ 13,104.00 | 0 | \$ - | - | 2 | \$ 13,104.00 | \$ - | 0 | \$ - | \$ 1,310.40 |
| 19 | Seeding | AC | 1.53 | \$ 13,104.00 | \$ 20,049.12 | 0 | \$ - | 1.53 | \$ 20,049.12 | 1.53 | \$ 20,049.12 | \$ - | 0 | \$ - | \$ 2,004.91 | |
| | CHANGE ORDER 1 | | | | \$ - | | | | | | | | | | | |
| 20 | Filter Mix 1 Aggregate | TN | 232 | \$ 184.37 | \$ 42,773.84 | 232 | \$ 42,773.84 | 0 | \$ - | - | 232 | \$ 42,773.84 | \$ - | 0 | \$ - | \$ 4,277.38 |
| 21 | Filter Mix 2 Aggregate | TN | 116 | \$ 156.68 | \$ 18,174.88 | 116 | \$ 18,174.88 | 0 | \$ - | - | 116 | \$ 18,174.88 | \$ - | 0 | \$ - | \$ 1,817.49 |
| 22 | Pressure Grouting | CY | 18 | \$ 608.97 | \$ 10,961.46 | 18 | \$ 10,961.46 | 0 | \$ - | - | 18 | \$ 10,961.46 | \$ - | 0 | \$ - | \$ 1,096.15 |
| 23 | Concrete Baffle | CY | 70 | \$ 971.14 | \$ 67,979.80 | 70 | \$ 67,979.80 | 0 | \$ - | - | 70 | \$ 67,979.80 | \$ - | 0 | \$ - | \$ 6,797.98 |
| 24 | Baffle Reinforcement | LB | 2247 | \$ 5.66 | \$ 13,392.12 | 2247 | \$ 13,392.12 | 0 | \$ - | - | 2247 | \$ 13,392.12 | \$ - | 0 | \$ - | \$ 1,339.21 |
| | CHANGE ORDER 2 | | | | \$ - | | | | | | | | | | | |
| 25 | Pressure Grouting Qty. Adjustment | LS | -63 | \$ 608.97 | \$ (38,365.11) | -63 | \$ (38,365.11) | 0 | \$ - | - | -63 | \$ (38,365.11) | \$ - | 0 | \$ - | \$ (3,836.51) |
| 26 | Concrete Baffle Design Adjustment | | | | \$ - | | | | | | | | | | | |
| | Rebar Between Baffles | LBS | 212.5 | \$ 5.66 | \$ 1,266.50 | 212.5 | \$ 1,266.50 | 0 | \$ - | - | 212.5 | \$ 1,266.50 | \$ - | 0 | \$ - | \$ 126.65 |
| | Rebar Replacing J Hooks | LBS | 69.5 | \$ 5.66 | \$ 414.22 | 69.5 | \$ 414.22 | 0 | \$ - | - | 69.5 | \$ 414.22 | \$ - | 0 | \$ - | \$ 41.42 |
| 27 | Concrete Baffle Quantity Adjustment | | | | \$ - | | | | | | | | | | | |
| | Concrete Baffles | CY | 9 | \$ 1,051.66 | \$ 9,464.94 | 9 | \$ 9,464.94 | 0 | \$ - | - | 9 | \$ 9,464.94 | \$ - | 0 | \$ - | \$ 946.49 |
| | Baffle Reinforcement | LBS | 713.8 | \$ 5.66 | \$ 4,254.25 | 713.8 | \$ 4,254.25 | 0 | \$ - | - | 713.8 | \$ 4,254.25 | \$ - | 0 | \$ - | \$ 425.43 |
| 28 | Dewatering to Pressure Relief Well Conversion | | | | \$ - | | | | | | | | | | | |
| | Mobilization | LS | 1 | \$ 14,304.33 | \$ 14,304.33 | 1 | \$ 14,304.33 | 0 | \$ - | - | 1 | \$ 14,304.33 | \$ - | 0 | \$ - | \$ 1,430.43 |
| | Performance Bond (2 Years) | LS | 1 | \$ 10,798.03 | \$ 10,798.03 | 1 | \$ 10,798.03 | 0 | \$ - | - | 1 | \$ 10,798.03 | \$ - | 0 | \$ - | \$ 1,079.80 |
| | Well Registration | LS | 1 | \$ - | \$ - | 1 | \$ - | 0 | \$ - | - | 1 | \$ - | \$ - | 0 | \$ - | \$ - |
| | Handling of Water | LS | 1 | \$ 3,810.00 | \$ 3,810.00 | 1 | \$ 3,810.00 | 0 | \$ - | - | 1 | \$ 3,810.00 | \$ - | 0 | \$ - | \$ 381.00 |
| | Reduce Gravel Pack (Credit) | LF | -20 | \$ 75.00 | \$ (1,500.00) | -20 | \$ (1,500.00) | 0 | \$ - | - | -20 | \$ (1,500.00) | \$ - | 0 | \$ - | \$ (150.00) |
| | Bentonite Seal | LF | 15 | \$ 241.30 | \$ 3,619.50 | 15 | \$ 3,619.50 | 0 | \$ - | - | 15 | \$ 3,619.50 | \$ - | 0 | \$ - | \$ 361.95 |
| | Top Backfill | LF | 5 | \$ 76.20 | \$ 381.00 | 5 | \$ 381.00 | 0 | \$ - | - | 5 | \$ 381.00 | \$ - | 0 | \$ - | \$ 38.10 |
| | Screen Scaling Unit Cost Difference | LF | 50 | \$ 25.40 | \$ 1,270.00 | 50 | \$ 1,270.00 | 0 | \$ - | - | 50 | \$ 1,270.00 | \$ - | 0 | \$ - | \$ 127.00 |
| | Install 12" x 12" x 12" PVC Tee | EA | 5 | \$ 1,905.00 | \$ 9,525.00 | 5 | \$ 9,525.00 | 0 | \$ - | - | 5 | \$ 9,525.00 | \$ - | 0 | \$ - | \$ 952.50 |
| | 12" PVC Outlet Pipe | LF | 150 | \$ 75.00 | \$ 11,250.00 | 150 | \$ 11,250.00 | 0 | \$ - | - | 150 | \$ 11,250.00 | \$ - | 0 | \$ - | \$ 1,125.00 |
| | 12" PVC Swing Check Valve | EA | 5 | \$ 580.00 | \$ 2,900.00 | 5 | \$ 2,900.00 | 0 | \$ - | - | 5 | \$ 2,900.00 | \$ - | 0 | \$ - | \$ 290.00 |
| | 12' Long 18" DIA CMP Pipe Casing | EA | 5 | \$ 1,400.00 | \$ 7,000.00 | 5 | \$ 7,000.00 | 0 | \$ - | - | 5 | \$ 7,000.00 | \$ - | 0 | \$ - | \$ 700.00 |
| | Excavate and Backfill Trench for Outlet Pipe | LF | 150 | \$ 75.00 | \$ 11,250.00 | 150 | \$ 11,250.00 | 0 | \$ - | - | 150 | \$ 11,250.00 | \$ - | 0 | \$ - | \$ 1,125.00 |
| | 6'x6' Thick Concrete Pad for Well Cover | EA | 5 | \$ 1,250.00 | \$ 6,250.00 | 5 | \$ 6,250.00 | 0 | \$ - | - | 5 | \$ 6,250.00 | \$ - | 0 | \$ - | \$ 625.00 |
| | Well Cover | EA | 5 | \$ 1,750.00 | \$ 8,750.00 | 5 | \$ 8,750.00 | 0 | \$ - | - | 5 | \$ 8,750.00 | \$ - | 0 | \$ - | \$ 875.00 |
| 29 | Install Flap Gates @ Relief Wells | LS | 1 | \$ 1,232.75 | \$ 1,232.75 | 1 | \$ 1,232.75 | 0 | \$ - | - | 1 | \$ 1,232.75 | \$ - | 0 | \$ - | \$ 123.28 |
| 30 | Remove & Salvage Rock Riprap | Ton | 298.8 | \$ 31.43 | \$ 9,391.28 | 298.8 | \$ 9,391.28 | 0 | \$ - | - | 298.8 | \$ 9,391.28 | \$ - | 0 | \$ - | \$ 939.13 |
| | Grand Total | | | | \$ 1,682,618.06 | | \$ 1,682,568.94 | | \$ 20,049.12 | | \$ 1,682,618.06 | | \$ - | | \$ - | \$ 168,261.82 |



FYRA Engineering, LLC
 12702 Westport Parkway, Suite 300
 Omaha, NE 68138
 402-502-7131

Lower Platte North NRD
 Bob Heimann
 511 Commerical Park Road
 Wahoo, NE 68066

Invoice number: 022-075
 Date: 03/30/2022

Project: 022-19-01 LAKE WANAHOO DAM
 SPILLING BASIN REHABILITATION

For Services Through March 25, 2022

| CONSTRUCTION OBSERVATION | | | |
|-----------------------------------|--------|----------|-------------|
| | Hours | Rate | Billed |
| Engineer Intern | | | |
| Eric Suing | 195.50 | \$135.00 | \$26,392.50 |
| Principal Engineer | | | |
| Michael Sotak | 35.00 | \$240.00 | \$8,400.00 |
| PROJECT EXPENSES | | | Billed |
| FYRA Survey Equipment Usage Hours | | | \$1,750.00 |
| FYRA Vehicle Usage- Miles | | | \$488.75 |
| Phase subtotal | | | \$37,031.25 |

| APRON FLOOR OVERLAY DESIGN | | | |
|----------------------------|-------|----------|----------|
| | Hours | Rate | Billed |
| Principal Engineer | | | |
| Michael Sotak | 4.00 | \$240.00 | \$960.00 |

| | |
|---------------|-------------|
| Invoice total | \$37,991.25 |
|---------------|-------------|

Make all checks payable to:
 FYRA Engineering, LLC
 12702 Westport Parkway, Suite 300
 Omaha, NE 68138



INVOICE SUMMARY

| Description | Contracted Fee | Previously Billed | This Invoice | Total To Date | % Complete |
|----------------------------|----------------|-------------------|--------------|---------------|------------|
| Project Kickoff Meeting | \$8,323.00 | \$8,153.70 | \$0.00 | \$8,153.70 | 97.97 |
| Preliminary Design Report | \$14,312.00 | \$16,661.75 | \$0.00 | \$16,661.75 | 116.42 |
| Report Delivery | \$2,544.00 | \$1,691.00 | \$0.00 | \$1,691.00 | 66.47 |
| Project Management | \$9,601.00 | \$8,526.75 | \$0.00 | \$8,526.75 | 88.81 |
| Final Design | \$41,928.00 | \$60,467.00 | \$0.00 | \$60,467.00 | 144.22 |
| Permitting | \$12,064.00 | \$1,860.00 | \$0.00 | \$1,860.00 | 15.42 |
| Bidding | \$9,428.00 | \$1,005.85 | \$0.00 | \$1,005.85 | 10.67 |
| Construction Observation | \$132,269.52 | \$99,952.56 | \$37,031.25 | \$136,983.81 | 103.56 |
| Apron Floor Overlay Design | \$25,200.00 | \$4,335.00 | \$960.00 | \$5,295.00 | 21.01 |
| Out of Scope Work | \$0.00 | \$6,138.75 | \$0.00 | \$6,138.75 | 0.00 |
| Total | \$255,669.52 | \$208,792.36 | \$37,991.25 | \$246,783.61 | 96.52 |

Aging Summary

| Invoice Number | Invoice Date | Outstanding | Current | Over 30 | Over 60 | Over 90 | Over 120 |
|----------------|--------------|-------------|-----------|---------|---------|---------|----------|
| 022-075 | 03/30/2022 | 37,991.25 | 37,991.25 | | | | |
| | Total | 37,991.25 | 37,991.25 | 0.00 | 0.00 | 0.00 | 0.00 |



FYRA Engineering, LLC
12702 Westport Parkway, Suite 300
Omaha, NE 68138
402-502-7131

Lower Platte North NRD
Bob Heimann
511 Commerical Park Road
Wahoo, NE 68066

Invoice number: 022-076
Date: 04/23/2022

Project: 022-19-01 LAKE WANAHOO DAM
SPILLING BASIN REHABILITATION

For Services Through April 22, 2022

| CONSTRUCTION OBSERVATION | | | |
|---------------------------------|-------|----------|-------------------|
| | Hours | Rate | Billed |
| Engineer Intern | | | |
| Eric Suing | 9.00 | \$135.00 | \$1,215.00 |
| Principal Engineer | | | |
| Michael Sotak | 6.75 | \$240.00 | \$1,620.00 |
| Phase subtotal | | | \$2,835.00 |

| | |
|----------------------|-------------------|
| Invoice total | \$2,835.00 |
|----------------------|-------------------|

Make all checks payable to:
FYRA Engineering, LLC
12702 Westport Parkway, Suite 300
Omaha, NE 68138



INVOICE SUMMARY

| Description | Contracted Fee | Previously Billed | This Invoice | Total To Date | % Complete |
|----------------------------|---------------------|---------------------|-------------------|---------------------|--------------|
| Project Kickoff Meeting | \$8,323.00 | \$8,153.70 | \$0.00 | \$8,153.70 | 97.97 |
| Preliminary Design Report | \$14,312.00 | \$16,661.75 | \$0.00 | \$16,661.75 | 116.42 |
| Report Delivery | \$2,544.00 | \$1,691.00 | \$0.00 | \$1,691.00 | 66.47 |
| Project Management | \$9,601.00 | \$8,526.75 | \$0.00 | \$8,526.75 | 88.81 |
| Final Design | \$41,928.00 | \$60,467.00 | \$0.00 | \$60,467.00 | 144.22 |
| Permitting | \$12,064.00 | \$1,860.00 | \$0.00 | \$1,860.00 | 15.42 |
| Bidding | \$9,428.00 | \$1,005.85 | \$0.00 | \$1,005.85 | 10.67 |
| Construction Observation | \$132,269.52 | \$136,983.81 | \$2,835.00 | \$139,818.81 | 105.71 |
| Apron Floor Overlay Design | \$25,200.00 | \$5,295.00 | \$0.00 | \$5,295.00 | 21.01 |
| Out of Scope Work | \$0.00 | \$6,138.75 | \$0.00 | \$6,138.75 | 0.00 |
| Total | \$255,669.52 | \$246,783.61 | \$2,835.00 | \$249,618.61 | 97.63 |

Aging Summary

| Invoice Number | Invoice Date | Outstanding | Current | Over 30 | Over 60 | Over 90 | Over 120 |
|----------------|--------------|------------------|------------------|-------------|-------------|-------------|-------------|
| 022-075 | 03/30/2022 | 37,991.25 | 37,991.25 | | | | |
| 022-076 | 04/23/2022 | 2,835.00 | 2,835.00 | | | | |
| | Total | 40,826.25 | 40,826.25 | 0.00 | 0.00 | 0.00 | 0.00 |

Recreation Area Hay Bids 2022

| <u>Name Bidder</u> | <u>Bid for Areas</u> | | |
|---------------------|----------------------|--|------------------|
| | <u>Czechland</u> | <u>Wanahoo</u> | <u>Homestead</u> |
| Meduna Family Farms | \$71 | \$71 All Areas <u>Areas "B" & "C"</u> | |
| Chuck Andel | \$65.50 | | \$72.50 |
| Dan Ourada | <u>\$79.00</u> | | \$65.50 |
| Ken Cejka | | <u>Area "A" \$88.00</u> | |
| Dan Kadavy | \$41.00 | | <u>\$81.00</u> |

Kadavy's bid came in the day after the bids were due (April 27) but was post marked April 26th.

High Bids for the areas are Underlined.

BGCA Potential Deer Blinds

Current Stand

Legend

Deer Blind PATH Unit 4

Google Earth

1000 ft



BGCA Potential Deer Blinds

Legend



Deer Blind PATH Unit 1



Pork Chop Island

Rd 47

Lakemore Dr

Skyline Dr

Google Earth

N



1000 ft

BGCA Potential Deer Blinds

Legend



Deer Blind Unit 2

Deer Blind Unit 2

17

17

P

P

Google Earth

1000 ft



Rediscover the Outdoors

Visit one or all of the
LPNNRD Recreation Areas—
Czechland Lake near Prague
Homestead Lake near Bruno
Lake Wanahoo near Wahoo



LOWER PLATTE NORTH
Natural Resources District