

Please note the meeting will be held in the County Board Room at the Carver County Government Center, 600 East 4th Street, Chaska, MN.

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, October 24, 2018

Agenda Item
Item 4. H. - Chimney Pines HOA 2018 Cost Share

## Prepared By

Linda Loomis, Administrator

## Summary

The Chimney Pines Homeowners Association completed its project and has requested reimbursement. The final report is attached.

The Master Water Stewards will be touring this project and speaking with the organizer of this project, Judy Berglund, as part of their course.

## Attachments

Chimney Pines Final Report

## Recommended Action

No action recommended

## Eden Prairie

Cost Share number 2018-CS-1


## Project Status | Complete

The Board of Managers approved this project at the March 2018 meeting. This is the third year of a four year project planned by the Chimney Pines Homeowners. Chimney Pines is a development that includes about 50 homes that surround a stormwater pond. The shore of the pond has become overgrown with invasive and other undesirable plant species.

The 2018 project was completed in September.

## Project Description

The first project was funded by the LMRWD in 2016 and the second in 2017. The homeowners hope to remove the invasive and other undesirable species and replant the entire shoreland around a regional storm water pond with native species that will filter storm water flowing overland to the pond and attract pollinators. A steep slope is located on the south end of the pond and is planted in mostly grass and crown vetch. The homeowners plan to replace this with native prairie that will improve water quality in the pond and reduce maintenance needs.

This phase of the project cleared invasive species from the north and east side of the pond.
I visited the site September 27th. While on site, I observed the previous two projects. The Homeowners have been maintaining the previous plantings, which are doing very well The homeowners say the water quality in the pond continues to improve, both in clarity and noticeably less algae growth. They have begun to have some problems with raccoons and are looking at ways to discourage them from digging in the newly planted areas.

They are planning to prepare for the final phase of the project by preparing the area this fall. They are planning to put down craft paper and cover the paper with leaves from the fall yard clean up.


## Before

## After



## After



## Chimney Pines Homeowner's Association Pond Area Improvement Project Completion Narrative

Chimney Pines Homeowner's Association of Eden Prairie watershed grant project for section three (3) area around our run off retention pond was completed on September $25^{\text {th }}, 2018$.

We started this year's project in early May because much of this section is in heavy shade and needed to be planted before some plants became dormant. Because of Buckthorn and wild grapevine we needed to clear an area and refresh an access path with woodchips before work could begin. Much of the area that was covered by day lilies was dug out and replaced with native plants that will be much better at stabilizing the steep bank. We were able to again locate free woodchips for the path and stabilize the path with available limbs from trees that were trimmed in other parts of the Homeowner's Association area.

Much of this year's project was well underway in mid to late June. The work group invited the entire Chimney Pine's Association for an ice cream social on June $15^{\text {th }}$ in order to share the progress in restoring the pond area with all association families. In addition, on June $20^{\text {th }}$, the Eden Prairie Chapter of Wild Ones met with our volunteers to tour and ask questions about our watershed project. We had very positive feedback during that meeting and tour.

We were able to get most of our plants from Glacial Ridge Growers. We purchased four native trees from Outback Nursery that we planted on parts of the steepest banks to hold soil from washing into the retention pond. We purchased a Swamp White Oak from Bachman's to also stabilize soil near the water's edge. A few plants were hard to find, so Cardinal Flower, Bottle Gentian, and White Turtlehead were purchased from other vendors.

Once leaves start to fall the entire area will be covered with leaf mulch to help retain moisture and control none-native plant growth.

The committee worked weekdays and weekends tirelessly to complete this phase of our project along with maintenance of past projects. Because of the dry weather in July, August, and September, many of the committee members have been faithfully watering new and existing plantings to keep everything healthy.

The actual costs of the project are as follows:

| Glacial Ridge Growers - plants | \$830.60 |
| :---: | :---: |
| delivery | \$ 50.00 |
| Outback Nursery - trees \& plants | \$ 454.79 |
| shipping | \$80.00 |
| Wild Ones Prairies Edge | \$ 24.00 |
| Bachman's Nursery - tree | \$ 182.57 |
| Glacial Ridge Growers - plants | \$ 125.80 |
| Glacial Ridge Growers - plants | \$ 21.96 |
| Home Depot - lawn bags | \$ 14.83 |
| Menard's - lawn bags | \$ 7.27 |
| Subtotal: | \$ 1,791.82 |
| Total Labor-311 hours @ \$18 per hour | \$ 5,589.00 |
| Total Project Cost | \$ 7,380.82 |

Pictures of our work in progress and the finished project will be sent by email.
We thank the Lower Minnesota River Valley Watershed District for helping us complete this phase of our project and look forward to working with them in the future.

Volunteer Work Hours
 Volunteer Work Hours
 Volunteer Work Hours


Spyglass Drive Pond Restoration
Volunteer Work Hours
 Volunteer Work Hours


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# More saving. More doing. 

13100 VALLEY VIEW ROAD
EDEN PRAIRIE, MN 55344, (952)949-0982

| 281200023 | 83354 | $08 / 08 / 18$ | $11: 40$ |
| :--- | :--- | :--- | :--- |
| CASHIER DANA |  |  |  |


| 085162490227 RECYCLE BAG <A> 30 GAL LAWN BAGS 701.97 |  |
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| SUBTOTAL SALES TAX YXXXXXXXXXXXXX2998 VISA | $\begin{array}{r} 13.79 \\ 1.04 \\ \$ 14.83 \end{array}$ |
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## DID WE NAIL IT?

Take a short survey for a chance TO WIN
A $\$ 5,000$ HOME DEPOT GIFT CARD
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Www. homedepot.com/survey
User ID: HLM 169809167020

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\text { PASSWORD: } 18408166997
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Entries must be completed within 14 days of purchase. Entrants must be 18 or older to enter. See complete rules on website. No purchase necessary.


Manvians
MENARDS-EDEN PRAIRIE 12600 Plaza Drive Eden Prairie,MN 55344

KEEP YOUR RECEIPT
RETURN POLICY VARIES BY PRODUCT TYPE
Unless noted below allowable returns for items on this receipt will be in the form of an in store credit voucher if the return is done after 09/14/18

If you have questions regarding the charges on your receipt, please email us at:
EDNPfrontendemenards.com


Sale Transaction

| PAPER LAMN \& LEAF BAGS |  |
| :---: | :---: |
| 6484947 ( 41.69 | - 6.76 |
| TOTAL | 6.76 |
| TAX HENNEPIN-HN 7.525\% | 0.51 |
| TOTAL SALE | 7.27 |
| Visa Credit 2998 | 7.27 |
| Auth Code:009440 | 1.27 |

Auth Code:009440
Chip Inserted
a0000000031010
TC - 3f7bd28458522881
TOTAL NUMBER OF TTEMS $=4$

> GUEST COPY

The Cardholder acknowledges receipt of goods/services in the total amount shown hereon and agrees to pay the card issuer according to its current terms.

THIS IS YOUR CREDIT CARD SALES SLIP PLEASE RETAIN FOR YOUR RECORDS.

THANK YOU, YOUR CASHIER, Kathryn
$9560 \quad 071607$ 06/16/18 02:01PM 3268

Thank you for shopping at Bachmans Lyndale 6010 Lyndale Ave S Minneapolis MN 55419
(612) 861-7600


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BK CARD#: XXXXXXXXXXXXX2998
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MID: 191020100886
AUTH: CO770D AMT: \$ 182.57
Host reference \#:63937101 Bat\#

Authorizing Network: VISA
Mip Read
CARD TYFE:VISA EXPR: XXXX
AID : A0000000031010
TVR : 8080008000
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ARC : 00
MODE : Issuer
CVM :
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ATC :003B
aC : 57991CE037BA1F42
TxnID/VaTCode: 255764
Bank card USD $\$ 182.57$
Balance: 00

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25132 250th Ave, Glenwood, MN 56334-236
Phone: (320) 634-0136

## Bill To:

Chimney Pines Homeowners Assoc.
Judy Berglund
10542 Spyglass Drive
Eden Prairie, MN 55347
Phone: (952) 975-1960
Cell:
Fax:
Item

## Ship To:

Chimney Pines Homeowners Assoc.
Judy Berglund
10542 Spyglass Drive
Eden Prairie, MN 55347
P.O. \#:

Comments:

NATIVE WILDFLOWERS - SHADE (18-Count)

| Aquilegia canadensis, Columbine (18-Count) | 2 | \$28.95 | \$57.90 |
| :---: | :---: | :---: | :---: |
| Arisaema triphyllum, Jack-in-the-Pulpit (18-Count) | 0 | \$28.95 | \$0.00 |
| Aster cordifolius, Heart-leaved Aster (18-Count) | 1 | \$28.95 | \$28.95 |
| Aster shortii, Short's Aster (18-Count) | 2 | \$28.95 | \$57.90 |
| Fragaria vesca, Wild Woodland Strawberry (18-Count) | 1 | \$28.95 | \$28.95 |
| Geranium maculatum, Wild Geranium (18-Count) | 3 | \$28.95 | \$86.85 |
| Mertensia virginica, Virginia Bluebells (18-Count) | 0 | \$28.95 | \$0.00 |
| Penstemon digitalis, Foxglove Beardtongue (18-Count) | 2 | \$28.95 | \$57.90 |
| Phlox divaricata, Wild Blue Phlox (18-Count) | 0 | \$28.95 | \$0.00 |
| Polemonium reptans, Jacob's Ladder (18-Count) | 0 | \$28.95 | \$0.00 |
| Solidago flexicaulis, Zig Zag Goldenrod (18-Count) | 3 | \$28.95 | \$86.85 |
| NATIVE HARDY FERNS (18-Count) |  |  |  |
| Adiantum pedatum, Maidenhair Fern (18-Count) | 0 | \$38.95 | \$0.00 |
| Athyrium felix femina, Lady Fern (18-Count) | 0 | \$38.95 | \$0.00 |
| Matteuccia ostrich, Ostrich Fern (18-Count) | 2 | \$38.95 | \$77.90 |

NATIVE WILDFLOWERS - SUNNY (18-Count)

| Allium stellatum, Prairie Onion (18-Count) | 1 | $\$ 28.95$ | $\$ 28.95$ |
| :--- | :--- | :--- | :--- |
| Anemone patens wolfgangiana, Pasque Flower (18-Count) | 2 | $\$ 28.95$ | $\$ 57.90$ |
| Asclepias tuberosa, Butterfly Weed (18-Count) | 1 | $\$ 28.95$ | $\$ 28.95$ |
| Callirhoe trianulata, Clustered Poppy Mallow (18-Count) | 0 | $\$ 28.95$ | $\$ 0.00$ |
| Castilleja coccinea, Indian Paintbrush (18-Count) | 1 | $\$ 28.95$ | $\$ 28.95$ |
| Dodecatheon meadia, Midland Shooting Star (18-Count) | 0 | $\$ 28.95$ | $\$ 0.00$ |
| Gaillardia aristata, Blanket Flower (18-Count) | 1 | $\$ 28.95$ | $\$ 28.95$ |
| Geum triflorum, Prairie Smoke (18-Count) | 2 | $\$ 28.95$ | $\$ 57.90$ |
| Liatris spicata, Marsh Blazing Star (18-Count) | $\$$ | $\$ 28.95$ | $\$ 28.95$ |
| Monarda punctata, Spotted Bee Balm (18-Count) | 1 | $\$ 28.95$ | $\$ 28.95$ |
| Phlox pilosa, Prairie Phlox (18-Count) | 1 | $\$ 28.95$ | $\$ 28.95$ |
| Ruellia humilis, Wild Petunia (18-Count) | 1 | $\$ 28.95$ | $\$ 28.95$ |

25132 250th Ave, Glenwood, MN 56334-236
Phone: (320) 634-0136

Bill To:
Chimney Pines Homeowners Assoc.
Judy Berglund
10542 Spyglass Drive
Eden Prairie, MN 55347
Phone: (952) 975-1960
Cell:
Fax:

| Item | Quantity | Price | Item Total |
| :--- | ---: | ---: | ---: |
| Please Pay from this Invoice - No Statement Following | Order Subtotal | $\$ 830.60$ |  |
|  | Early Order Discount | $\$ 0.00$ |  |
| Payments Received | Other Discount | $\$ 0.00$ |  |
|  | MN Sales Tax | $\$ 0.00$ |  |
|  | Local Sales Tax | $\$ 0.00$ |  |
|  | Delivery Charge | $\$ 50.00$ |  |
|  | Fuel Surcharge | $\$ 0.00$ |  |
|  | Other Charge | $\$ 0.00$ |  |
|  | Order Total | $\$ 880.60$ |  |
| MN Dept of Ag Approved Plant Production/Bee and Butterfly Friendly | Balance Due | $\$ 880.60$ |  |

## www.PrairieEdge.WildOnes.org

Native Plant Order Form 2018
Ordering Instructions:
Form and payment due by May 26, 2018 Make check payable to: Wild Ones Prairie Edge

Mail form and payment to: Wild Ones Plant Order c/o Tammy Seemann 110307 Center Green Circle Chaska, MN 55318

## Order Pick-Up

Friday June 15th
from 3 pm to 6:30 pm 8956 Braxton Drive Eden Prairie, MN 55347

| Native Plant 6 pack - 6 of same species | Sun Exposure | Soil Moisture | Height | Flower Color | Bloom Time | Price / Item | \# of Items | Cost |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prairie Smoke (Geum triflorum) | Full Sun | Dry-Med | 6" | Pink | May-Jun | \$ 12 |  |  |
| Meadow Blazingstar (Liatris liguilistylus) | Full Sun | Med-Moist | $3^{\prime}-5$ ' | Purple | Aug-Sep | \$ 12 |  |  |
| Turtlehead (Chelone glabra) | Part Sun | Moist-Wet | 2'-3' | White | Summer | \$ 12 |  |  |
| Butterfly Weed (Asclepias tuberosa) | Full Sun | Dry-Med | 2'-3' | Orange | Jun-Aug | \$ 12 |  |  |
| Switch Grass (Panicum virgatum) | Full Sun | Dry-Moist | 4'-5' | n/a | $\mathrm{n} / \mathrm{a}$ | \$ 12 |  |  |
| Cardinal Flower (Lobelia cardinalis) | Full Sun - Partial | Moist-Wet | 2'-4' | Red | Jul-Sep | \$ 12 | $2$ |  |
| ANY 6 PACK OF THE PLANTS OFFERED IN T | THE KITS (details on reve | rse side) - | separa | ely if ne | d | \$ 12 |  |  |
| Plants in 4" containers |  |  |  |  |  |  |  |  |
| Jack in the Pulpit- Arisaema triphyllum | Part sun - Full Shade | Med-Wet | 1 ' | Green | Apr-May | \$6 |  |  |
| Pasque Flower (Anemone patens) | Full Sun | Dry | <12" | Purple | spring | \$6 |  |  |
| Serisitive Fern (Onoclea sinsibilis) | Full to Part Sun | Med-Wet | 2'-3' | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | \$6 |  |  |
| Solomon's Seal Polygonatum biflorum | Part sun - Full Shade | Med | 1'-3' | White | May-Jul | \$6 |  |  |
| False Solomon's Seal Maianthemum racemosa | Part sun - Full Shade | Med | 1'-2' | White | May-Jun | \$6 |  |  |
| Michigan Lily (Lilium michiganese) | Full to Part Sun | Moist | 3'-6' | Orange | Jun-Aug | \$6 |  |  |
| Downy Yellow Violet (pubescens) | Part shade - Full Shade | Med-Moist | 6" | Yellow | Apr-Jun | \$4 |  |  |
| Common Blue Violet (Viola sororia) | Full sun - Full Shade | Med-Moist | 4" | Blue | Apr-Jun | \$4 |  |  |
| Wild Ginger (Asarum Canadense) | Part sun- Full Shade | Med | 1 ' | Red | May-Jun | \$6 |  |  |
| Large Flowered Trillium Trillium grandiflorum | Part Sun-Full Shade | Med-Moist | $1{ }^{\prime}$ | White | Apr-May | \$10 |  |  |
| Bellwort (Uvularia grandiflora) | Part sun- Full shade | Dry-Med | 1'-2' | Yellow | May-Jun | \$7 |  |  |
| Round Lobed Hepatica Hepatica americana | Part Sun | Med | 3"-6" | Blue | Apr-May | \$7 |  |  |
| Native Shrubs in 4" or 1 Gallon co | ntainers |  |  |  |  |  |  |  |
| Black Chokeberry Aronia melanocarpa- 4" | Full Sun-Part Shade | Dry-Moist | 3'-6' | White | May | \$7 |  |  |
| Pagoda Dogwood Cornus alternifolia -4" | Sun-Shade | Med | 12'-25' | White | May-Jun | \$7 |  |  |
| Smooth Rose (Rosa blanda) - 4" | Full Sun- Partial | Dry-Med | 3'-5' | Pink | Jun-Jul | \$7 |  |  |
| Pussy Willow (Salix discolor) 1 gallon | Full Sun | Med-Wet | $10^{\prime}-20^{\prime}$ |  |  | \$12 |  |  |
| Round leaved Dogwood Cornus rugosa 1 gallon | Full Sun-Partial | Med | $6^{\prime}-10^{\prime}$ | White | Jun-Jul | \$12 |  |  |
| Red Osier Dogwood Cornus sericea 1 gallon | Full Sun-Partial | Med-Wet | 6'-10' | White | Jun-Jul | \$12 |  |  |
| Ninebark Physocarpus opulifolius 1 gallon | Full Sun-Partial | Dry-Moist | 5'-10' | White | May-Jun | \$12 |  |  |
| Juneberry Amelanchier alnifolia 1 gallon | Full Sun-Partial | Med | 6'-9' | White | April-May | \$12 |  |  |
| American Hazelnut Corylus Americana 1 gallon | Full Sun-Partial | Dry-Moist | 6'-15' | obscure | Apr-May | \$12 |  |  |
| Prairie Kit (6 plants each of 6 species) see details on reverse side |  |  |  |  |  | \$66 |  |  |
| Rain Garden/Shoreline Kit (6 plants each of 6 species) see details on reverse side |  |  |  |  |  | \$66 |  |  |
| Woodland Edge Kit ( 6 plants each of 6 species) see details on reverse side |  |  |  |  |  | \$66 |  |  |

## Customer Copy



Out Back Nursery, Inc.
15280 110th Street So. Hastings MN 55033
Ph: (651) 438-2771 Fax: (651) 438-3816 www.outbacknursery.com
Bill To: Judy Berglund
Judy Chimney Pines Homeowner A

| Description 1 | Attribute | Size | Orig Price | Disc $\%$ Type | Qty | Price | Ext Price Tax |  |
| :--- | :--- | :--- | ---: | :--- | ---: | ---: | ---: | ---: |
| White Turtiehead |  | 01 | $\$ 1$ | $\$ 9.95$ |  | 6 | $\$ 9.95$ | $\$ 59.70$ |

Credit Card: \$534.79 XXXX2998 Visa
Expiry Date: XX/XXAuth=09670D
Entry: Swiped Merchant \#***29618


I agree to pay above amount agcording to card issuer agreement (merchent agreement if credit voucher).

Total Deposit Taken: $\$ 0.00$
Balance Outstanding: $\$ 0.00$
Lower MN Valley Watershed

From Sales Order \#2022
PLEASE RETAIN FOR YOUR RECORDS
It is an honor and a privilege to serve you.


25132 250th Ave, Glenwood, MN 56334-236
Phone: (320) 634-0136

## Bill To:

Chimney Pines Homeowners Assoc.
Judy Berglund
10542 Spyglass Drive
Eden Prairie, MN 55347
Phone: (952) 975-1960
Cell:
Fax:

## Ship To:

Chimney Pines Homeowners Assoc.
Judy Berglund
10542 Spyglass Drive
Eden Prairie, MN 55347
P.O. \#:

Comments: pick-up FM

| Item | Quantity Price | Item Total |
| :---: | :---: | :---: |
| NATIVE WILDFLOWERS - SHADE (18-Count) |  |  |
| Polemonium reptans, Jacob's Ladder (18-Count) | 1 \$28.95 | \$28.95 |
| NATIVE HARDY FERNS (18-Count) |  |  |
| Adiantum pedatum, Maidenhair Fern (18-Count) | 1 \$38.95 | \$38.95 |
| NATIVE GRASSES, SEDGES and RUSHES - SHADE (18-Count) |  |  |
| Carex pensylvania, Common Oak Sedge (18-Count) | $2 \quad \$ 28.95$ | \$57.90 |
| Please Pay from this Invoice - No Statement Following | Order Subtotal <br> Early Order Discount | $\begin{array}{r} \$ 125.80 \\ \$ 0.00 \end{array}$ |
| Payments Received | Other Discount MN Sales Tax | $\$ 0.00$ $\$ 0.00$ |
|  | Local Sales Tax | \$0.00 |
|  | Delivery Charge | \$0.00 |
|  | Fuel Surcharge | \$0.00 |
|  | Other Charge | \$0.00 |
|  | Order Total | \$125.80 |
| MN Dept of Ag Approved Plant Production/Bee and Butterfly Friendly | Balance Due | \$125.80 |

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## Bill To:

Chimney Pines Homeowners Assoc. Judy Berglund 10542 Spyglass Drive
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Cell:
Fax:

## Ship To:

Chimney Pines Homeowners Assoc.
Judy Berglund
10542 Spyglass Drive
Eden Prairie, MN 55347
P.O. \#:

Comments: Pick-up FM Dean and Judy Cowdery

| Item | Quantity | Price |
| :--- | ---: | ---: |
| SHADY LADY PERENNIALS-18 COUNT (18-Count) | Item Total |  |
| Polemonium caeruleum, Blue Pearl-18ct (18-Count) | 1 | $\$ 21.95$ |
| Please Pay from this Invoice - No Statement Following | Order Subtotal | $\$ 21.95$ |
|  | Early Order Discount | $\$ 0.00$ |
| Payments Received | Other Discount | $\$ 0.00$ |
|  | MN Sales Tax | $\$ 0.00$ |
|  | Local Sales Tax | $\$ 0.00$ |
|  | Delivery Charge | $\$ 0.00$ |
|  | Fuel Surcharge | $\$ 0.00$ |
|  | Other Charge | $\$ 0.00$ |
|  | Order Total | $\$ 21.95$ |
| MN Dept of Ag Approved Plant Production/Bee and Butterfly Friendly | Baiance Due | $\$ 21.95$ |

