Memorandum of Understanding Between

Brown County Land & Water Conservation Department

And

The Village of Allouez, The Village of Bellevue, The City of De Pere, The Town of Ledgeview, and the City of Green Bay

This Memorandum of Understanding (MOU) is made and entered into between the Brown County Land & Water Conservation Department (BCLWCD) and the

The Village of Allouez, The Village of Bellevue, The Town of Ledgeview, and the City of Green Bay, hereinafter referred to as the "Parties".

Article 1- Purpose:

The purpose for executing this Memorandum of Understanding is to establish goals and guidelines, between BCLWCD and the Parties, associated with the East River Water Trail project. BCLWCD seeks to create, coordinate and enhance resource conservation along the East River between Hoffman and Dickinson Road, for economic, social, and environmental development; and recognizes that the Parties and their contributions to this mission are essential. BCLWCD seeks to provide opportunity for Parties to share and leverage limited resources, raise awareness about problems, and collaboratively improve the welfare of communities and the lives of their residents.

Article 2- Statement of Mutual Goals, Interests, and Benefits:

The primary focus areas of BCLWCD and the Parties are: clean water, sustainable forestry, wildlife habitat, native plant conservation, recreational opportunities and water access. BCLWCD effectively works in these areas by leveraging conservation funds to provide project management, technical assistance, outreach and education. The Parties goals and interests align with these focus areas and objectives.

Article 3- Legislative and Fiscal Authority:

This MOU is neither a fiscal nor a funds obligating document. Any endeavor involving reimbursement or contribution of funds between the parties to this MOU will be handled in accordance with applicable laws, regulations, and procedures including those for Government procurement and printing. Such endeavors will be outlined in separate agreements that shall be made in writing by representatives of the parties and shall be independently authorized by appropriate statutory authority.

Article 4- Statement of Agreement:

It is the intent of this MOU to create a partnership to enhance the potential for success of each Party by encouraging sharing of resources, information, and effort on a willing and cooperative basis on both public and private lands and waters. This MOU is not intended to establish legal authorities or

mandates where they do not currently exist.

The undersigned Parties mutually agree to the following:

- 1. Designate the BCLWCD as the managing authority over this project.
- **2.** Share information among the Parties and aid and expertise regarding economic, social, and/or environmental issues of mutual interest.
- 3. Municipalities shall collaborate to accomplish common goals of the project.
- 4. Contribute to the development of municipality specific operation and maintenance plans.
- 5. Utilize BCLWCD as a fiscal sponsor for grants as necessary and appropriate.
- **6.** Maintain appropriate communication with municipality residents concerning project happenings.
- 7. Promote the Parties' partnerships through media and public outreach.
- 8. Contribute to the development of municipality specific operation and maintenance plans.
- 9. Municipalities will commit in-kind resources to the operation and maintenance of installed practices. Operation and maintenance requirements will be mutually agreed upon before the practices are installed. *Estimated in-kind contributions per municipality may be ≤ 50 hours per years based on installed practices for years 2024, 2025 and 2026.
- **10.** Review this MOU and request revisions and updates as necessary to meet the purpose of this agreement. Amendments shall become effective upon approval by all Interested Parties.
- **11.** All members of this agreement will be notified of and can attend BCLWCD East River Water Trail meetings.

Article 5- Terms of Agreement:

Partial grant funding for the East River Water Trail will expire December 31, 2024, at which time the MOU will be subject to review, renewal or expiration. However, maintenance obligations from the Parties will exist in perpetuity. If the Parties mutually agree to continue cooperation, a new agreement shall be executed. Both the BCLWCD and the Parties acknowledge that they have a unique and specialized agreement and partnership that allows for the best establishment and operation of the East River Water Trail. The BWLCD and the Parties desire that this document be an agreement between all entities to work together in such a manner to create educational and engaging opportunities for the public, maintain a seamless and efficient experience for the public and employees, and sustain optimal financial, managerial, and administrative commitment with regards to cooperatively establishing the East River Water Trail.

Article 6- Hold Harmless:

Hold Harmless: The Parties each hereby agree to release, indemnify, defend and hold harmless Brown County, its officials, officers, employees and agents from and against all judgments, damages, penalties, losses, costs, claims, expenses, suits, demands, debts, actions and/or causes of action of any type or nature whatsoever, including actual and reasonable attorney fees, which may be sustained or to which they may be exposed, directly or indirectly, by reason of personal injury, death, property damage, or other liability, alleged or proven, resulting from or arising out of the good faith performance by BCLWCD, its officers, officials, employees, agents or assigns, as the managing authority over the Project under this MOU. Brown County does not waive, and specifically reserves its right to assert any and all affirmative defenses and limitations of liability as specifically set forth in Wisconsin Statutes, Chapter 893 and related statutes.

Article 7- MOU Modification:

Modifications within the scope of this MOU shall be made by unanimous approval by BCLWCD and the Parties.

Article 8- Key Officials and Signatures:

A separate sheet is included designating the key official to this MOU and the signature of the person authorized to enter into this agreement.

MEMORANDUM OF UNDERSTANDING

Brown County Land & Water Conservation Department

And

The Village of Allouez, The Village of Bellevue, The City of De Pere, The Town of Ledgeview, and the City of Green Bay

Signatory for:

Village of Allouez

Name, Title

Date

Signatory for:

Village of Bellevue

Name, Title

Signatory for:		
	Town of Ledgeview	
Name, Title		Date
Signatory for:		
	City of Green Bay	
		_
Name, Title		Date
Signatory for		
Signatory for	City of De Pere	
	City of Dereie	
Name, Title		Date
Name, mie		Date
Signatory for B	rown County Land and Water Conservation Departr	nent.
Signatory for:		
	Brown County	
Name, Title		Date
Signatory for:		
	Brown County	
	·	

CONSTRUCTION

PRACTICE _____ EAST RIVER WATER TRAIL PHASE I LANDOWNER TOWN OF LEDGEVIEW; VILLAGE OF ALL ADDRESS _____ 2064 DICKINSON ROAD, DE PERE, W LANDOWNER PHONE NO. 920-391-4624 ____ COUN TOWNSHIP LEDGEVIEW, ALLOUEZ, DE PERE, BELLEVUE ____2 FIELD OFFICE BROWN COUNTY LWCD TELEF



Nationwide 811

Toll Free

TDD

Website

LOCATION MAP

	Date			
PLAN				
	RFTT			
- REQUEST FOR PROPOSAL	KEVIN CORBET.			
<u>OUEZ; CITY OF DE PERE; VILLAGE OF BELLEVUE; GERALD BIGELOW</u>		•		
<u>/I 54115, BETWEEN HOFFMAN AND DICKIN</u> SON RD		Drawn	Checked	Approved
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PHONE NO920-391-4624				
HONE NO				
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NOTICE TO LANDOWNERS AND EXCAVATORS		F		
Any representation made by Brown County LWCD as to the approximate location or nonexistence of above or under ground hazards does not relieve the owner of the property or the excavator that is hired to complete construction, from notifying Diggers Hotline of the pending construction. You will be liable for damages resulting from construction activities.		COVER SHEET	LANDOWNER NAME	
Call Diggers Hotline! Ticket Number		OVE	DOWN	MN
		Õ	LAN	BROWN
CONSTRUCTION DRAWINGS AND SPECIFICATIONS ACCEPTANCE			OWNER:	COUNTY:
have reviewed and understand the construction plans and specifications and agree to complete the work accordingly. Failure to meet these plans and specifications may jeopardize any continued LWCD technical assistance or program cost sharing applied for. I understand that it is my responsibility to secure all necessary permits and licenses, and to complete the work in accordance with all local, state, and federal laws. Modification of these construction plans or specifications nust be approved by Brown County LWCD before installation. I assume all responsibility for negotiations and contract agreements with the construction contractors.			Ō	Ō
Signed: Date:	<u>د</u>			\ 1
Designed by:KEVIN.CORBETTDate:2/29/2024	Brown	County	•	
Checked by: Date:	Bro	505]
Approved by: Date:				
Apploved by Date	Ċ	en	- 	х С т
he installed practices comply with applicable NRCS technical standards and specifications. The "redlined" construction lans (as-built drawings) reflect changes made during construction.			ND & WATER	DEPARTMENT
Construction Approved by: Date:		B		DEI
Job Approval Class		wing l NaterTra 2-29-202	i l - Phas	se 1 -
	Dat		/2024	4
	Sh	eet	1 of	f8

ESTIMATED QUANTITIES

STRUCTION BEGINS.

STRUCTION.

R TO CONSTRUCTION START-UP. JECT

- Wisconsin Construction Specification 13 Geotextiles

SIGN NOTES

rove wildlife habitat for multiple species.

project is located in the East River watershed.

fall under Hydrologic Soil Group D .

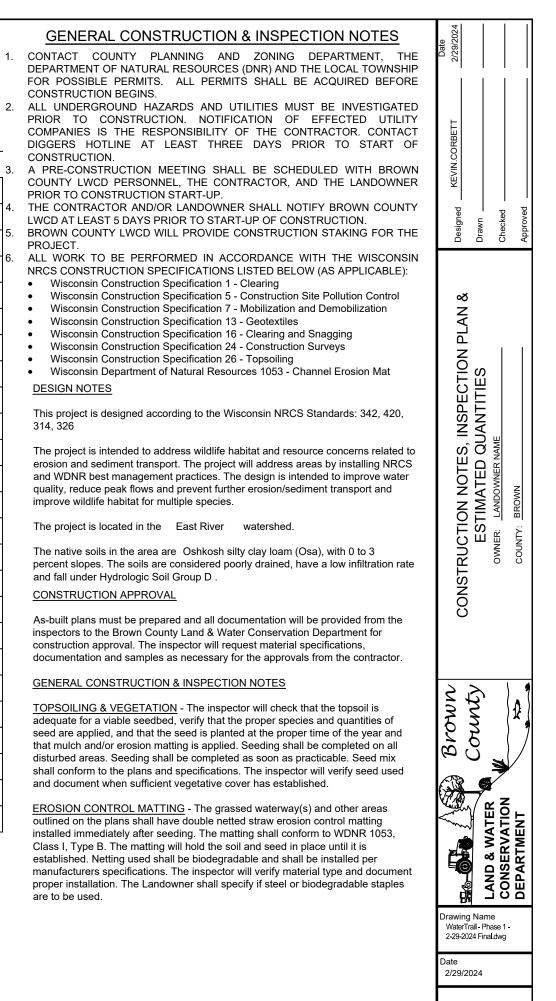
ISTRUCTION APPROVAL

ERAL CONSTRUCTION & INSPECTION NOTES

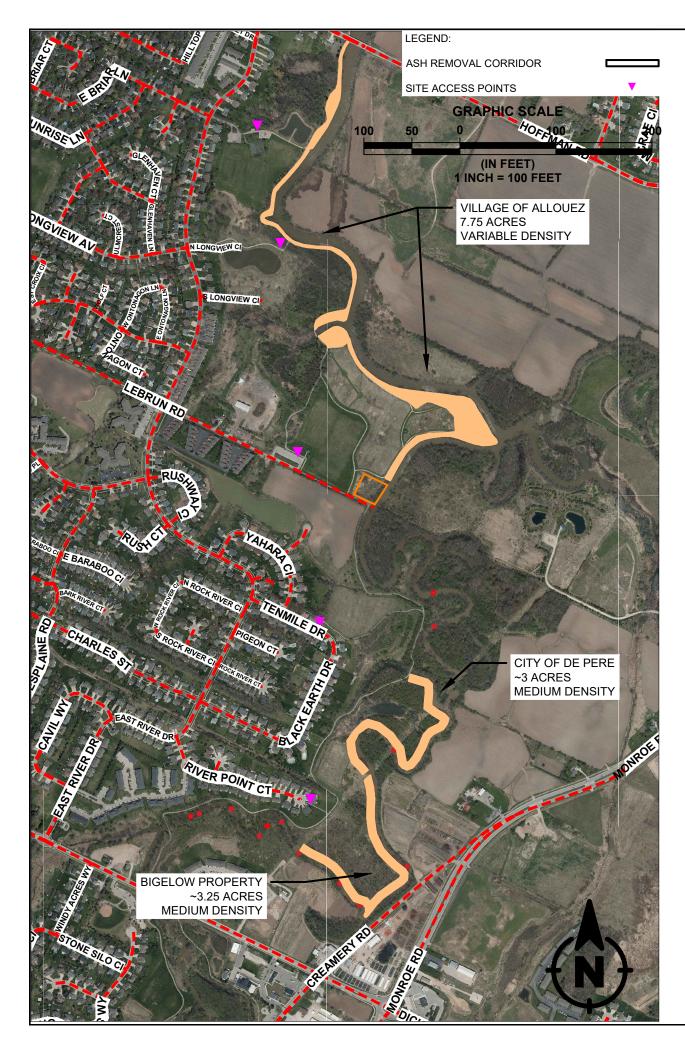
are to be used.

ITEM	UNIT	QUANTITY	W. CONSTRUCTION SPEC. OR JOB SHEET #	NOTES
FORESTRYPLAN				
Invasive brush removal (west)	ac.	61	Sheet 3	Variable density & methods
Invasive brush removal (east)	ac.	3	Sheet 3	Medium to high density, cut/pile/burn
Cut/pile/burn				Medium to high density, large diameter
Cut & slash				Low density (sparse)
Forestry mowing/mulching				High density, small diameter (no stump treatment)
Immediate stump treatment	ac.		Sheet 3	Over 1 inch diamater; within 2 hours of cutting
Seeding	ac.	64	Sheet 6	Woodland grass seed broadcasting and seed supply
Follow up foliar spray (2 years)	ac.	64(x2)	Sheet 3	Spot spray year 1 and year 2 after removal
Ash removal	ac.	15	Sheet 4	Variable density
Immediate stump treatment	ac.	15	Sheet 4	Variable density; no follow up foliar spraying
STREAM MAINTENANCE				
Stream impediment removal	#	13	Sheet 4, Spec 16	Organic material to Allouez yard waste
PRAIRIE PLANTINGS				
Osprey Point - site prep & seeding	ac.	9	Sheet 7	Minimum 1 site prep mow & 2 herbicide applications
De Pere North site prep & seeding	ac.	5	Sheet 7	Minimum 1 site prep mow & 2 herbicide applications
De Pere South site prep & seeding	ac.	2	Sheet 7	Minimum 1 site prep mow & 2 herbicide applications
Mulching - straw @ 1.5 tons/acre	ac.	16	Sheet 7	Dependent on prep & seeding methods
Establishment mowings (3)	ac.	16	Sheet 7	Mowing to occur 3 times during 1st growing season
Year 2 spot spray/spot mowing (2)	ac.	16 (x2)	Sheet 7	Maintenance during 2nd growing season, 2 visits

Quantities are estimated to the neat lines and grades of in-place materials shown on the construction plan unless otherwise stated. Truck yardage, loose fill, shrinkage, etc., must be calculated and compensated for by the contractor preparing a bid or constructing the project.



Sheet 2 of 8



NOTES:

- 1. BROWN COUNTY LWCD WILL STAKE THE PROJECT FOR THE CONTRACTOR. PLEASE NOTIFY THE FIELD TECHNICIAN WITH STAKING REQUIREMENTS 5 DAYS PRIOR TO INTENDED START DATE.
- 2. BROWN COUNTY LWCD WILL PLACE CONTROL POINTS AND BENCHMARKS AS REQUESTED BY THE CONTRACTOR.
- UTILITIES SHOWN ARE FOR REFERENCE ONLY. COMPLETE LOCATES FOR ALL WORK CLOSE TO ROAD RIGHT-OF-WAY OR UNDERGROUND UTILITIES. OBSERVE CAUTION NEAR THESE AREAS.
- 4. GRADE SITE PER CROSS SECTIONS AND DETAILS IN THE PLAN.
- SEED DISTURBED AREAS IMMEDIATELY FOLLOWING COMPLETION OF GRADING.
- 6. INSTALL EROSION CONTROL NETTING, IN AREAS NOTED IN DETAILS, IMMEDIATELY FOLLOWING COMPLETION OF SEEDING.

FOREST MANAGEMENT NOTES:

- NOTIFY BROWN COUNTY LWCD AT LEAST 2 DAYS BEFORE COMMENCING ANY FORESTRY WORK. WORK MUST BE COMPLETED DURING THE WORK WEEK WHILE BROWN COUNTY STAFF IS AVAILABLE. ANY WEEKEND WORK MUST BE APPROVED BY BROWN COUNTY LWCD.
- FORESTRY WORK SHALL BE COMPLETED IN SUCH A WAY NOT TO DAMAGE CROPLAND, MAINTAINED PARK TURF AREAS, OR PAVED WALKING TRAILS. ACCESS TO THE SITE SHALL COME FROM PUBLIC ENTRANCES, AND SHOULD NOT ENTER ANY PRIVATE PROPERTY BOUNDARY BESIDES PRIVATE LANDOWNER MARKED ON MAP. SITE ACCESS POINTS ARE IDENTIFIED ON MAP.
- ALL ASH TO BE REMOVED FROM CORRIDOR. NO SALVAGEABLE TIMBER IS EXPECTED TO COME FROM THIS SITE. IF ANY ASH IS DETERMINED MARKETABLE TIMBER, WORK WITH BROWN COUNTY LWCD TO ADJUST REMOVAL COSTS. SALES OF HARVESTED TIMBER SHOULD REDUCE COST OF PROJECT TO BROWN COUNTY LWCD.
- HEAVY EQUIPMENT MUST STAY OFF STREAM BANK AREAS, AND 5 FEET AWAY FROM TOP OF RIVER BANK. HAND TOOLS MAY BE REQUIRED TO FELL ASH IN THESE AREAS.
- ANY ASH THAT IS FELLED INTO RIVER MUST BE RETRIEVED/REMOVED.
- FORESTRY CONTRACTOR TO WORK WITH APPROVED AQUATIC HERBICIDE APPLICATION CONTRACTOR TO COMPLETE STUMP TREATMENT PER NOTES BELOW. AQUATIC APPROVED HERBICIDE SUCH AS GARLON 3A OR RODEO TO BE USED FOR STUMP TREATMENT. MUCH OF PROJECT AREA IS MAPPED WETLANDS AND ALONG RIPARIAN CORRIDOR. PERMITS FOR HERBICIDE APPLICATION WILL BE REQUIRED THROUGH WISCONSIN DNR.

<u>ASH TREE REMOVAL</u> - THIS IS A STRAIGHT-FORWARD PROCESS OF USING A COMBINATION MECHANICAL CUTTING AND HAND CUTTING TO REMOVE ASH IN AREAS SHOWN AND DESCRIBED IN THE PLAN. UNDER NO CIRCUMSTANCES SHOULD EQUIPMENT BE USED IN AREAS THAT WILL CAUSE STREAMBANK EROSION. TREES SHOULD NOT BE UPROOTED UNDER ANY CIRCUMSTANCE. EQUIPMENT SHOULD BE SELECTED TO PREVENT DAMAGE TO EAST RIVER TRAIL. MATERIAL FROM FELLED ASH TREES TO BE DISPOSED OF OFF OF SITE. SMALLER DEBRIS FROM TREE TOPS MAY BE BURNED WITH INVASIVE BRUSH BURN PILES.

ALL ASH TREES IN PROJECT AREA OVER 6 INCH DIAMETER TO BE FELLED, STUMP TREATED, AND REMOVED AND DISPOSED OF. DENSITY OF MATURE ASH TREES IS VARIABLE ALONG PROJECT CORRIDOR. TREES SHOULD BE CUT TO AS CLOSE TO GROUND LEVEL AS POSSIBLE. REMAINING STUMPS NOT TO BE OVER 6 INCHES IN HEIGHT.

<u>HERBICIDE APPLICATION</u> - TREE STUMPS TO BE TREATED WITH HERBICIDE VIA WICKING METHOD WITHIN TWO HOURS OF BEING CUT. GARLON 3A OR AN EQUIVALENT IS SUGGESTED FOR STUMP TREATMENT AT A RATE OF ONE PART GARLON 3A TO THREE PARTS WATER. HERBICIDE SHALL BE APPLIED TO STUMPS THROUGH LOW VOLUME METHODS SUCH AS PAINTBRUSH OR DAUBER APPLICATION. BLUE DYE MUST BE ADDED TO BE ABLE TO OBSERVE AND LOCATE TREATED STUMPS. LEAVE EXISTING DESIRABLE SPECIES LIKE DOGWOODS, NANNYBERRY, OAKS, AND OTHER FOOD PRODUCING TREES AND SHRUBS AS MUCH AS POSSIBLE.

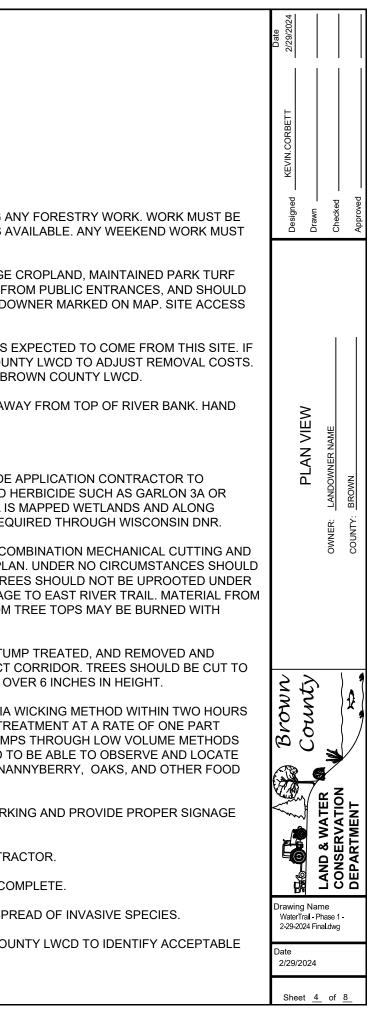
CONTRACTOR MUST CLOSE SECTIONS OF THE EAST RIVER TRAIL WHILE WORKING AND PROVIDE PROPER SIGNAGE INDICATING WORK IS UNDERWAY.

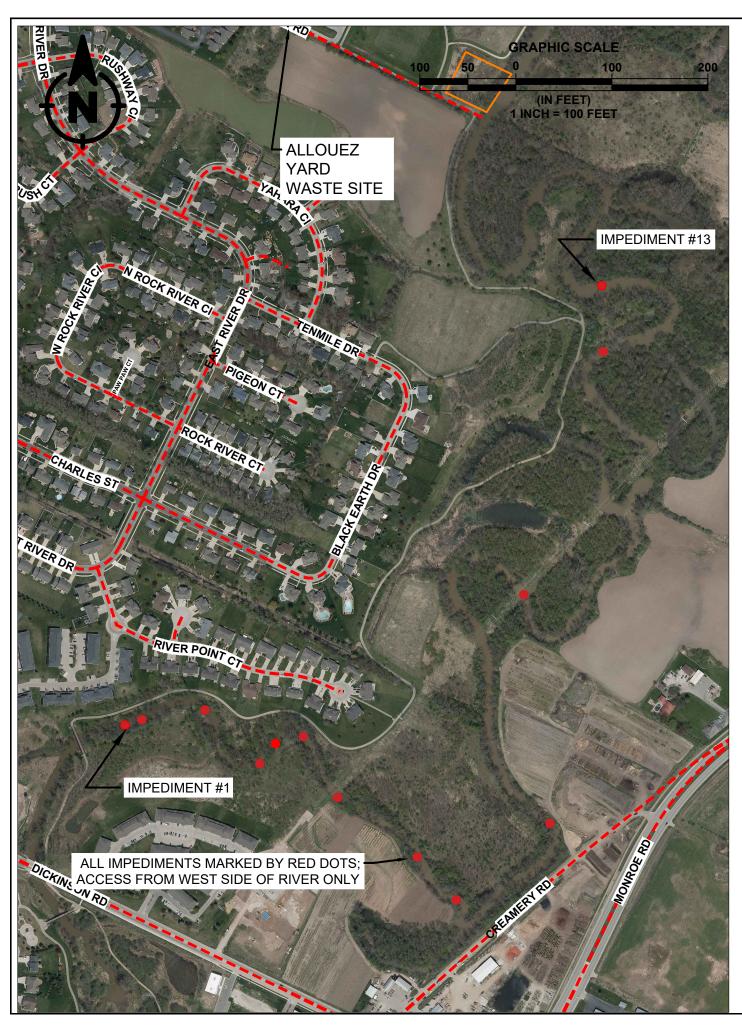
BROWN COUNTY LWCD CAN FLAG PROJECT AREAS AS REQUESTED BY CONTRACTOR.

EAST RIVER TRAIL MUST BE CLEANED OF DEBRIS AFTER CONSTRUCTION IS COMPLETE.

EQUIPMENT MUST BE CLEANED AFTER PROJECT COMPLETION TO REDUCE SPREAD OF INVASIVE SPECIES.

IF ASH IS TO BE STAGED BEFORE CHIPPING/HAULING, WORK WITH BROWN COUNTY LWCD TO IDENTIFY ACCEPTABLE STAGING AREAS.





NOTES:

- 1. BROWN COUNTY LWCD WILL STAKE THE PROJECT FOR THE CONTRA PLEASE NOTIFY THE FIELD TECHNICIAN WITH STAKING REQUIREMEN DAYS PRIOR TO INTENDED START DATE.
- 2. COMPLETE LOCATES FOR ALL WORK CLOSE TO ROAD RIGHT-OF-WAY UNDERGROUND UTILITIES. OBSERVE CAUTION NEAR THESE AREAS.
- 3. SEED DISTURBED AREAS IMMEDIATELY FOLLOWING COMPLETION O IMPEDIMENT REMOVAL.
- 4. INSTALL EROSION CONTROL NETTING, IN AREAS NOTED IN DETAILS, IMMEDIATELY FOLLOWING ANY DISTURBANCE OF STREAMBANK.
- 5. IMPEDIMENTS NUMBERED #1 #13 FROM SOUTH TO NORTH.

NARRATIVE FOR STREAM CLEARING (SNAGS/DEBRIS REMOVAL)

- IMPEDIMENTS SHOULD BE REMOVED FROM THE WEST SHORE OF THE MUNICIPALITY LAND, AND FROM THE BIGELOW PROPERTY.
- ALL WOODY DEBRIS THAT RESTRICTS THE MOVEMENT OF SMALL WA CANOES SHOULD BE REMOVED FROM THE WATER AND PLACED OUT ALLOW.
- BED OF RIVER SHOULD NOT BE DISTURBED UNDER ANY CIRCUMSTAN FROM SURFACE WATER.
- DEBRIS SHOULD BE REMOVED USING THE LEAST INVASIVE METHODS MAY INCLUDE CABLING, GRAPPLING, LONG ARM MACHINARY, AND/OF TOOLS/CHAINSAWS/BRUSH CUTTERS, ETC. STREAMBANK INTEGRITY TREES WITH ROOTWADS ANCHORED IN STREAMBANK SHOULD BE CI INTACT IN STREAMBANK. AVOID REMOVING ROOT WADS IN STREAME BANK INTEGRITY AND CREATE UNDESIRABLE SOIL EROSION.
- REMOVED IMPEDIMENT ORGANIC MATERIAL IS TO BE HAULED TO ANI YARD WASTE DISPOSAL SITE (LOCATED WITHIN PROJECT BOUNDARI
- ANY INORGANIC MATERIAL SUCH AS GARBAGE MUST BE LANDFILLED
- AREAS OF STREAM IMPEDIMENTS ARE MARKED WITH RED CIRCLES OF IMPEDIMENTS ARE LOCATED, PLEASE CONTACT BROWN COUNTY LW FOR APPROVAL.

EXAMPLE IMPEDIMENT P



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	KEVIN.C			
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NCD STAFF PRIOR TO REMOVAL		ቢ	LANDOWNER NAME	ROWN
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	2/29	/2024		
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SEEDING PLAN (WOODLAND)

SEEDING DATES

- SEEDING TO TAKE PLACE AFTER FROST UNTIL JULY 1ST OR AFTER • SEPTEMBER 1ST UNTIL SNOW COVER.
- SEEDING SHALL TAKE PLACE FOLLOWING COMPLETION OF • CONSTRUCTION.
- IF CONSTRUCTION OCCURS OUTSIDE OF PROPER SEEDING WINDOW, • CONTRACTOR TO RETURN TO SEED AREAS DURING.
- DISCUSS WITH BROWN COUNTY LWCD IF CONSTRUCTION OCCURS • OUTSIDE SEEDING WINDOW.

MATERIALS

- ALL SEED SHALL BE FREE FROM WEEDS AND OTHER CONTAMINANTS. •
- ALL SEED SHALL BE STORED IN A COOL DRY PLACE UNTIL USAGE. •
- NO FERTILIZER OR LIME IS ANTICIPATED TO BE REQUIRED.

SEEDBED PREPARATION

- THE FORESTRY CONTRACTOR SHALL BE RESPONSIBLE FOR • CREATING A SEEDBED SUITABLE FOR PLANT GROWTH.
- DISTURBED AREAS SHALL BE BACK-DRAGGED BY A TRACTOR OR • EQUIVALENT METHOD TO CREATE A SMOOTH SURFACE FREE FROM **DEPRESSIONS.**

SEEDING

- SEEDING TO BE COMPLETED BY THE CONTRACTOR OR THEIR SUB IMMEDIATELY FOLLOWING COMPLETION OF CONSTRUCTION.
- BROADCAST USING HAND HELD, WALK BEHIND OR FOUR WHEELER • MOUNTED EQUIPMENT MAY BE USED IF AREA IS TOO WET.

MULCHING:

- MULCHING IS DISTURBANCE DEPENDENT AND ONLY REQUIRED FOR AREAS WHERE SOIL EXPOSED BY USE OF HEAVY EQUIPMENT.
- MULCHING SHALL BE DONE IMMEDIATELY AFTER SEEDING.
- MULCHING MATERIAL SHALL BE FREE OF DISEASE. PESTICIDES. • CHEMICALS, NOXIOUS WEED SEEDS AND OTHER PESTS/PATHOGENS.
- MULCHING TO BE CLEAN STRAW AT A RATE OF 1 TON PER ACRE. •
- ANY DISTURBANCES NEAR STREAM BANK SHALL BE STABILIZED WITH ٠ EXCELSIOR WOOD FIBER BLANKET. STREAM BANK DISTURBANCE SHOULD BE AVOIDED AND ANY OCCURRENCES ARE CONTRACTORS **RESPONSIBILITY TO STABILIZE.**

ND SEED MIX:						Date 2/29/2024
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SEED MIX	AREA	RATE	τοτα	L		
WOODLAND MIX	64 ACRES	4.5 LBS/ACRE	288 LI	38		SEEDING PLAN NDOWNER NAME OWN
	ntific Name	% (of Mix	Seeds/ft ²	Total	BR LA
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RE DI	EPAIR ANY I STURBED C	OR IS RESPO MANICURED OUTSIDE OF IR PRE-DIST	AREA:	S, SUCH ST BOU	H AS TURF, NDARIES	Brawing Name WaterTrail-Phase 1- 2-29-2024 Final.dwg

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	SEED MIX	AREA	RATE	TOTA	AL		
	WOODLAND MIX	64 ACRES	4.5 LBS/ACRE	288 LI	BS		PLAN
							SEEDING PLAN Landowner name Brown
Common Name		tific Name	%	of Mix	Seeds/ft ²	Total	
Grasses, Sedges & Ru							OWNER:
Plains Oval Sedge		brevior		6.67%	5.3	20.000 PLS b	ÕÖ
Wood Gray Sedge		grisea		2.67%	0.7	8.000 PLS lb	
Brown Fox Sedge		vulpinoidea		3.33%	9.2	10.000 PLS Ib	
Canada Wild Rye	,	us canadensis		6.67%	2.4	50.000 PLS Ib	
Bottlebrush Grass	-	us hystrix		3.33% 6.67%	1.3	40.000 PLS lb 50.000 PLS lb	
Riverbank Wild Rye Silky Wild Rye		us riparius us villosus		6.67%	1.0	20.000 PLS Ib	
Virginia Wild Rye		us virginicus		3.33%	3.9	100.000 PLS Ib	
Common Rush		is effusus		0.67%	18.4	2.000 PLS lb	- Brown County
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PRAIRIE PLANTINGS - SEED MIXES SHALL BE OF NATIVE VARIETIES AND CON A HABITAT OF FORBS AND GRASSES THAT WILL BLOOM AND PROVIDE FOOD TO INCLUDE LATE SPRING, MID/LATE SUMMER AND FALL SEASONS. SUGGES SEEDING PAGE, BUT SPECIES MAY BE SUBSTITUTED BASED UPON AVAILABIL APPROVED BY BC LWCD. **SITE WILL REQUIRE 2-3 MOWINGS DURING ESTAB SEEDINGS. THE THIRD MOWING MAY BE REQUIRED SECOND GROWING SEAS SEEDING & FIELD TECHNICIAN DETERMINATION**

HERBICIDE TREATMENTS - HERBICIDE MUST BE TRANSPORTED AND STORED MUST BE REPORTED TO WDNR SPILLS HOTLINE AND CLEANED UP TO REGUL APPLICATIONS MUST BE CONDUCTED BY AN APPROVED LICENSED AND CER APPLICATOR. APPLY ACCORDINGLY TO DESIGNATED AREAS SHOWN IN THE FOR SITE PREPARATION.TREATMENT AREAS ARE SHOWN ON PLAN DRAWING

PRAIRIE SITE PREP & SEEDING - ALL PRAIRIE AREAS ARE CURRENTLY 'FALLO THROUGH A COMBINATION OF MOWING, HERBICIDE APPLICATIONS, AND TILL FEASIBLE FOR SITE PREPARATION METHODS. AREAS TO FIRST BE MOWED PL THE FIRST HERBICIDE APPLICATION CAN OCCUR AFTER REGROWTH REACHE SECOND HERBICIDE APPLICATION SHOULD FOLLOW 6-8 WEEKS AFTER FIRST PREPARATION WILL DEPEND ON CONTRACTOR'S SEEDING METHODS. SITE PL FULL GROWING SEASON MINIMUM.

BROADCAST SEEDING WILL REQUIRE TILLAGE TO REMOVE DEAD VEGETATIO ALLOW FOR PROPER SEED TO SOIL CONTACT. IF AREAS ARE TILLED, AN ADD OCCUR AFTER TILLAGE AND BEFORE SEEDING TO CONTROL ANY WEED SEEI TILLAGE DISTURBANCE. TILLAGE SHOULD BE TIMED SO THAT AREAS ARE VEO SEEDING WILL REQUIRE NURSE CROPS AS WELL AS MULCHING. MULCH TO B OF 1.5 TONS/ACRE. OATS TO BE SEEDED AS NURSE CROP IN SPRING, SEEDIN NOT TO BE USED AS COVER IF SEEDING OCCURS AFTER OCTOBER 1ST. ANN CROP IF SEEDING OCCURS IN FALL, AT A RATE OF 15 LBS/ACRE.

DRILL SEEDING WILL REQUIRE DEAD VEGETATION TO BE REDUCED ENOUGH WHEN DRILLED. AREAS CAN BE MOWED, OR MOWED, TILLED, AND CULTIPACI INCORPORATE DEAD THATCH INTO SOIL AND CREATE A FIRM SEED BED.

SEEDING TO OCCUR IN SPRING, AFTER FROST AND BEFORE JULY 1ST, OR DI UNTIL SNOW COVER.

PROPOSALS SHOULD THOROUGHLY DESCRIBE SITE PREPARATION METHOD AND (2) HERBICIDE APPLICATIONS.

PRAIRIE MAINTENANCE/MANAGEMENT - SPOT SPRAYING AND SPOT MOWING SECOND GROWING SEASON. SPOT SPRAYING SHOULD AIM TO CONTROL ALL PRAIRIE. ANNUAL AND BIENNIAL WEEDS SHOULD BE CONTROLLED BY PROPE SPRAYING SHOULD TAKE PLACE BEFORE JULY 15TH OR AFTER SEPTEMBER A TRACTOR/FLAIL MOWER, OR WITH WEED WHIPS/BRUSH CUTTER. SPOT MO JULY 15TH AND SEPTEMBER 1ST. SITES TO BE MANAGED (2) TIMES THROUGH

***AFTER YEAR TWO, PROJECT AREAS SHOULD BE A MINIMUM OF 70 PERCEN DURING YEAR THREE WILL REQUIRE SUPPLEMENTAL SEEDING, PROVIDED BY LWCD WILL INSPECT PROJECT AREAS MID-SUMMER DURING THE THIRD GRO VEGETATION.

OSPREY POINT PRAIRIE ~8.5 ACRES

MONROE RD

CITY OF DE PERE NORTH PRAIRIE ~4.5 ACRES

CITY OF DE PERE SOUTH PRAIRIE ~2 ACRES

NTAIN ABOUT 30-40 SPECIES TO CREATE O AND COVER THROUGHOUT THE YEAR STED SEED MIXES ARE SHOWN ON LITY. SUBSTITUTIONS SHOULD BE BLISHMENT YEAR FOR PRAIRIE SON DEPENDING UPON TIME OF	Date 2/29/2024	
D IN APPROVED CONTAINERS. SPILLS LATORY SATISFACTION IF ONE OCCURS. RTIFIED CHEMICAL AND PESTICIDE PLAN TO TREAT ALL SPECIES IN AREA GS AND ON THE QUANTITIES PAGE.	Designed KEVIN.CORBET1 Drawn Checked Checked	Approved
OW FIELD'. AREAS SHALL BE PREPARED LAGE. PRESCRIBED FIRE WILL NOT BE PRIOR TO ANY HERBICIDE APPLICATION. LES A HEIGHT OF 10-12 INCHES. A T APPLICATION. ADDITIONAL SITE PREPARATION EXPECTED TO TAKE A		_
ON AND CREATE AN OPEN SEED BED TO DITIONAL HERBICIDE APPLICATION WILL EDS THAT GERMINATE FROM THE EGETATED OVER WINTER. BROADCAST BE CLEAN STRAW, APPLIED AT A RATE NG AT A RATE OF 32LBS/ACRE. OATS NUAL RYE TO BE SEEDED AS NURSE	SEEDING PLAN Landowner name Brown	
H THAT SEEDS ARE NOT OBSTRUCTED CKED PRIOR TO SEEDING TO	OWNER: LAU	
URING FALL AFTER SEPTEMBER 1ST		
DS BEYOND THE MINIMUM (1) MOWING		
G WILL BOTH BE NECESSARY IN THE L PERENNIAL NOXIOUS WEEDS IN ERLY TIMED MOWING/CHOPPING. SPOT 1ST. SPOT MOWING CAN BE DONE WITH OWING SHOULD TAKE PLACE BETWEEN HOUT THE SECOND GROWING SEASON. NT NATIVE COVER. LACK OF COVER BY THE CONTRACTOR. BROWN COUNTY OWING SEASON TO ASSESS	Brown Brown Land & water County Conservation Conservation	
	Date 2/29/2024	
	Sheet <u>7</u> of <u>8</u>	

SEEDING PLAN (PRAIRIE)

SEEDING DATES

- SEEDING TO TAKE PLACE AFTER FROST UNTIL JULY 1ST OR AFTER ٠ SEPTEMBER 1ST UNTIL SNOW COVER.
- SPECIES OF NURSE CROP DEPENDENT ON SEEDING DATE. ٠

MATERIALS

- ALL SEED SHALL BE FREE FROM NOXIOUS WEEDS AND OTHER ٠ CONTAMINANTS.
- SEED MIX SHALL BE SHOOTING STAR SSNS MESIC PRAIRIE MIX OR • APPROVED EQUAL CERTIFIED SEED MIX.
- ALL SEED SHALL BE STORED IN A COOL DRY PLACE UNTIL USAGE. •
- NO FERTILIZER OR LIME IS ANTICIPATED TO BE REQUIRED. ٠

SEEDBED PREPARATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING A SEEDBED • SUITABLE FOR NATIVE PLANT GROWTH.

SEEDING

- SEEDING TO BE COMPLETED BY THE CONTRACTOR OR THEIR SUB • IMMEDIATELY FOLLOWING COMPLETION OF CONSTRUCTION.
- BROADCAST AND DRILL SEEDING ARE BOTH ACCEPTABLE METHODS. • DEPENDENT UPON CONTRACTOR PROPOSAL.
- AREAS TO BE CULTIPACKED FOLLOWING BROADCAST SEEDING. .
- PRAIRIE SEED TO BE APPLIED AT A RATE OF 10 LBS/ACRE, SEED MAY BE • MIXED WITH INERT CARRIER TO ENHANCE DISTRIBUTION.

MULCHING

- ٠ MULCHING IS DEPENDENT ON SITE PREPARATION AND SEEDING METHODS
- MULCHING SHALL BE DONE IMMEDIATELY AFTER BROADCAST SEEDING.
- MULCHING WILL BE REQUIRED FOR DRILL SEEDING IF AREA WAS TILLED.
- MULCHING MATERIAL SHALL CLEAN WHEAT STRAW, FREE OF DISEASE, ٠ PESTICIDES. CHEMICALS. NOXIOUS WEED SEEDS AND OTHER PESTS/PATHOGENS.
- MULCHING APPLIED AT A RATE OF 1.5 TONS PER ACRE. •

PRAIRIE SEED MIX:

SEEDING RATE SHALL BE 10.0 LBS/ACRE. SEED MAY BE MIXED WITH A • INERT CARRIER TO ENHANCE DISTRIBUTION.

SEED MIX	SEED MIX AREA		TOTAL
PRAIRIE MIX	16 ACRES	10 LBS/ACRE	160 LBS
NURSE CROP	16 ACRES	SEASONAL	CONSULT LWCD

- QUANTITY IS TOTAL OF ALL PRAIRIE AREAS COMBINED
- RATE OF OAT COVER CROP TO BE 32 LBS/ACRE IN SPRING AND INCREASED TO 64 LBS/ACRE FOR FALL SEEDING
- FALL SEEDED OATS MUST BE PLANTED BY OCTOBER 1ST
- OATS TO BE USED IN ALL SPRING SEEDINGS
- OATS MAY BE USED IN FALL AT A HIGHER RATE OF 50 LBS/ACRE FROM SEPTEMBER 1ST - OCTOBER 1ST
- ALTERNATIVES SUCH AS ANNUAL RYE OR WINTER WHEAT MAY BE USED AFTER SEPTEMBER 1ST AND ARE REQUIRED AFTER OCTOBER 1ST.



Description: SSNS Mesic Prairie Mix Seeding Rate: 10 lb/acre (50 seeds/square foot) Notes: Soil - Wet Mesic to Dry Mesic, Sun - Full

Common Name	Scientific Name	% of Mix	Seeds/ft ²
Grasses		0.0000000000000000000000000000000000000	
Slender Wheatgrass	Agropyron trachycaulum	5.00%	1.3
Big Bluestern	Andropogon gerardii	15.00%	5.5
Sideoats Grama	Bouteloua curtipendula	12.00%	2.6
Prairie Brome	Bromus kalmii	1.00%	0.3
Canada Wild Rye	Elymus canadensis	8.00%	1.5
Switchgrass	Panicum virgatum	4.00%	21
Little Bluestern	Schizachyrium scoparium	16.00%	8.8
Indiangrass	Sorghastrum nutans	18.00%	7.9
Prairie Dropseed	Sporobolus heterolepis	1.00%	0.6
Forbs			
Anise Hyssop	Agastache foeniculum	0.40%	1.3
Common Milkweed	Asclepias syriaca	1.20%	0.2
Smooth Blue Aster	Aster laevis	0.80%	1.6
New England Aster	Aster novae-angliae	0.40%	1.0
Canada Milk Vetch	Astragalus canadensis	1.00%	0.6
White Wild Indigo	Baptisia alba	0.30%	0.0
Partridge Pea	Chamaecrista fasciculata	3.20%	0.3
White Prairie Clover	Dalea candidum	1.20%	0.8
Purple Prairie Clover	Dalea purpurea	2.00%	1.3
Showy Tick Trefoil	Desmodium canadense	0.80%	0.2
Rattlesnake Master	Eryngium yuccifolium	0.20%	0.1
Ox-eye Sunflower	Heliopsis helianthoides	0.80%	0.2
Meadow Blazingstar	Liatris ligulistylis	0.40%	0.1
Prairie Blazingstar	Liatris pychostachya	1.20%	0.5
Wild Bergamot	Monarda fistulosa	0.40%	1.0
Mountain Mint	Pycnanthemum virginianum	0.20%	1.6
Yellow Coneflower	Ratibida pinnata	0.80%	0.9
Black-eyed Susan	Rudbeckia hirta	0.80%	2.7
Compass Plant	Silphium laciniatum	1.00%	0.0
Stiff Goldenrod	Solidago rigida	0.40%	0.6
Purple Meadow Rue	Thalictrum dasycarpum	0.20%	0.1
Hoary Vervain	Verbena stricta	0.60%	0.6
Culver's Root	Veronicastrum virginicum	0.10%	2.9
Golden Alexanders	Zizia aurea	1.60%	0.6

Request a price quote for this mix by contacting info@shootingstamativeseed.com or (507) 498-3944. Substitutions may be neces

	Date KEVIN.CORBETT 2/29/2024			
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Total	 Designed	Drawn	Checked	Approved
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1.50 PLS Ib				
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0.10 PLS Ib 0.80 PLS Ib				
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	Date 2/29	/2024		

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