



## Public Works Service Operations

**DATE:** May 28, 2024

**FROM:** Steven Salwei, Director Public Works Services

**ITEM:** Grant Awards for Noxious Weeds Management

**REQUEST:**

Permission from the Weeds Division to assist the Bismarck Parks and Recreation Board, as a subrecipient, for two (2) noxious weeds management grant awards.

**BACKGROUND INFORMATION:**

The City Commissioners approved at the 2/27/2024 meeting our request to apply for two (2) grants on behalf of Bismarck Parks and Recreation, which will help them manage noxious weeds throughout the Park District. Because the City of Bismarck has its own Weed Board and Weed Officer, the City needs to submit documentation for the grants to the State Department of Agriculture for Bismarck Parks and Recreation.

1. Grant 24-169 from the ND Department of Agriculture will provide funding for the purchase of mapping technology, allowing Parks and Recreation to record and manage pesticide applications across the park district. Total project cost of \$5,650, (75:25 with Bismarck Parks & Recreation responsible for the Subgrantee Share of \$1,412.50).
2. Grant 24-170 will provide funding to hire a contractor to perform herbicide application via drone in difficult-to-manage areas in the coulees along Valley Drive Park. Total project cost of \$4,322.80, (50:50 with Bismarck Parks & Recreation responsible for the Subgrantee Share of \$2,161.40).

**RECOMMENDED CITY COMMISSION ACTION:**

Grant permission for Weeds Division to assist Bismarck Parks and Recreation with documentation of bid award for two grants which will provide technology and resources for the management of noxious weeds on Parks and Recreation property.

**STAFF CONTACT INFORMATION:**

Steven Salwei, Director Public Works Services, 701-355-1705, [ssalwei@bismarcknd.gov](mailto:ssalwei@bismarcknd.gov)  
Christy Ames-Davis, Forestry Programs Coordinator, 701-355-1723, [comes@bismarcknd.gov](mailto:comes@bismarcknd.gov)

**ATTACHMENTS:**

1. 24-169 NGA Bismarck City Weed Board
2. 24-170 NGA Bismarck City Weed Board

3. ND Dept of Agriculture Grant App Approval



**NOTICE OF GRANT AWARD-FEDERAL SOURCE**  
**NORTH DAKOTA DEPARTMENT OF AGRICULTURE**  
 SFN 60710 (6-2023)

North Dakota Department of Agriculture  
 600 E Boulevard Ave, Dept 602  
 Bismarck ND 58505-0020

Grant Number 24-169	CFDA Number 10.680	Grant Period From: 05/15/2024 Through: 12/31/2024
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This grant is not effective and expenditures related to this grant should not be incurred until fully executed by both parties.

Federal Awarding Agency USDA - Forest Service		Title of Project/Program Forest Health-Invasive Species	
Federal Agreement Date 11/01/2022	Federal Agreement Amount \$80,000.00	Federal Agreement Number 23-DG-11010000-002	NDDOA Grant Code DA07325
Subgrantee Name and Address Bismarck City Weed Board 601 S 26th Street Bismarck, ND 58504		Grantee Name and Address ND Department of Agriculture 600 E. Boulevard Ave., Dept. 602 Bismarck, ND 58505-0020	
Subgrantee Contact Name John Arlien	Telephone Number (701) 220-0365	Grantee Contact Name Samantha Brunner	Telephone Number (701) 328-4765
<b>Financial Information</b> Amount of Financial Assistance	Subgrantee Amount \$4,237.50	Subgrantee Share Required \$1,412.50	Total Project Cost \$5,650.00

**Scope of Service**  
 Grantee agrees to the purchase of datalogging equipment to update GPS/GIS mapping equipment for the mapping of noxious and invasive weed data, documentation of noxious weed control, and to increase efficiency within counties.

Grantee agrees to reimbursement of expenses provided all financial documentation found within the reporting requirements has been received. Reimbursement requests must be made in writing. Reimbursement of expenses is 75% of actual expenditures, up to the total grant amount as required by NDCC 4.1-47-15.

**Reporting Requirements**  
 Reimbursement requests must include all financial documentation (i.e. receipts and invoices) and are due December 31, 2024.

Grantee agrees to work with Grantor's GIS specialist to analyze noxious weed control data. Data must be sent to Grantor electronically (ex. Shapefile) by Annual Survey deadline on or before March 1st each year for the next three (3) years. Reporting must include program summary, maps created by mapping technology, contact person, and additional information.

**Special Conditions**  
 Abide by the additional requirements as specified in the Grantor's Notice of Grant Award Requirements.

Failure to submit data may affect future funding.

This Notice of Grant Award is subject to the terms and conditions incorporated either directly or by reference in the following:  
 (1.) Requirements for Notice of Grant Awards issued by ND Department of Agriculture as signed by Subgrantee for the period July 1, 2023 to June 30, 2025. [Accounting Use Only  Requirements Received] (2.) Applicable Federal and State regulations.

**Evidence of Subgrantee's Acceptance**

**Evidence of Departmental Acceptance**

Signature	Date	Signature	Date
Typed Name of Authorized Representative		Typed Name of Authorized Representative Jeannie Jacobs-Kopp	
Title		Title Grants and Contracts Officer	

## Noxious Weed Mapping Technology Grant Application

**Applicant Weed Board: City of Bismarck**

**Primary Contact: John Arlien**

**Address: 601 south 26<sup>th</sup> Street**

**Phone Number: 701-220-0365**

**Email: publicworks@bismarcknd.gov**

**Amount Requested (75% but no more than \$7,600): \$4237.50**

**Match Amount (at least 25%): \$1412.50**

**Total Equipment cost (100%): \$5650.00**

**Project Purpose**

**Why is this grant important to your program?**

Purchasing this new software and hardware it would enable our staff to better manage record and track herbicide/pesticide applications. The GPS tracking would ensure better application coverage and assist in not over applying due to inadvertent overlap.

**If your county currently is using similar technology, what is being used?**

We are not currently using this technology; this would be an improvement for our system of recordkeeping. The software will allow applications to be tracked electronically and improve efficiency.

**How will this benefit your county?**

This will increase efficiency in retrieving documentation for applications in areas where requests are made.

**In what ways will the data/information be utilized?**

The data will be used to track areas that have been treated. Dates, time, chemical types, weather, etc. will be more accurately tracked and documented.

**Does your county have the funds to pay the continuing costs of the chosen equipment, such as subscriptions (Note: TAG funds can be used for this purpose)?** Yes, this will be accounted for in our annual budget.

## Noxious Weed Mapping Technology Grant Application

### Project Goals

**How many mapping units is your county requesting?**

We would be requesting 1 initially.

**Where will these units be installed? (Vehicle, ATV/UTV, Backpack)**

The unit would be installed on a UTV

**What company are you planning on purchasing from?**

We were planning on purchasing from Spray Sync.

**By what date do you plan on having these installed?**

We plan to have it installed by June or earlier, depending on when the equipment is available and shipped.

**What date did the company quote for delivery of the equipment?**

Current lead time to have the equipment Shipped is 1-2 weeks. If the equipment is to be installed by Spray Sync, the tentative timeframe is late April to beginning of May for installation.

Applicant understands there will be a cost share of 25% to the county and 75% to the state.

Applicant has attached a quote if purchasing equipment from a company other than what is included on the state contract with Spray Sync

Applicant agrees to work with the Dept. of Agriculture GIS specialist to analyze data.



**NOTICE OF GRANT AWARD-FEDERAL SOURCE**  
**NORTH DAKOTA DEPARTMENT OF AGRICULTURE**  
 SFN 60710 (6-2023)

North Dakota Department of Agriculture  
 600 E Boulevard Ave, Dept 602  
 Bismarck ND 58505-0020

Grant Number 24-170	CFDA Number 10.680	Grant Period From: 05/15/2024 Through: 09/30/2024
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This grant is not effective and expenditures related to this grant should not be incurred until fully executed by both parties.

Federal Awarding Agency USDA - Forest Service		Title of Project/Program Cooperative Weed Management Cost Share Program	
Federal Agreement Date 06/09/2023	Federal Agreement Amount \$45,000.00	Federal Agreement Number 23-DG-11010000-005	NDDOA Grant Code DA07226
Subgrantee Name and Address Bismarck City Weed Board 601 S. 26th Street Bismarck, ND 58506		Grantee Name and Address ND Department of Agriculture 600 E. Boulevard Ave., Dept. 602 Bismarck, ND 58505-0020	
Subgrantee Contact Name John Arlien	Telephone Number (701) 220-0365	Grantee Contact Name Samantha Brunner	Telephone Number (701) 328-4765
<b>Financial Information</b> Amount of Financial Assistance	Subgrantee Amount \$2,161.40	Subgrantee Share Required \$2,161.40	Total Project Cost \$4,322.80

**Scope of Service**  
 Subgrantee agrees to complete the project activities and budget to control noxious and invasive weeds in the City of Bismarck as outlined in the attached proposal. Subgrantee agrees to reimbursement of expenses on a quarterly basis, provided all financial documentation found within the reporting requirements have been received. Reimbursement requests must be made in writing and are due the 15th of the month following each quarter. Subgrantee agrees that any changes in budget or scope need prior written approval.

**Reporting Requirements**  
 A final project report is due upon completion of the project, no later than September 30, 2024. The final project report must include; project title, activities performed, funding expended to date, and the acres surveyed, treated, restored, and monitored.  
 Subgrantee will upload data in EDDMapS.

**Special Conditions**  
 Abide by the additional requirements as specified in the Grantor's Notice of Grant Award Requirements.

This Notice of Grant Award is subject to the terms and conditions incorporated either directly or by reference in the following:  
 (1.) Requirements for Notice of Grant Awards issued by ND Department of Agriculture as signed by Subgrantee for the period July 1, 2023 to June 30, 2025. [Accounting Use Only  Requirements Received] (2.) Applicable Federal and State regulations.

**Evidence of Subgrantee's Acceptance**

**Evidence of Departmental Acceptance**

Signature	Date	Signature	Date
Typed Name of Authorized Representative		Typed Name of Authorized Representative Jeannie Jacobs-Kopp	
Title		Title Grants and Contracts Officer	

**North Dakota Department of Agriculture  
U.S. Forest Service Weed Control Cost-Share Funding Request**

**Section 1. Applicant Details**

<b>Project Coordinator:</b>	Jon Arien	<b>Project Agency:</b>	City of Bismarck
<b>Address:</b>	601 south 26th Street		
<b>City:</b>	Bismarck	<b>State:</b>	ND
		<b>Zip Code:</b>	58506
<b>Telephone Number:</b>	701-220-0365	<b>Email Address:</b>	Jarlien@bismarcknd.gov

**Section 2. Cost-share Request Details**

<b>Project Title:</b>	Ash Coulee		
<b>Project Location:</b> (address, GPS coordinates, or TRS description)	46°51'21.6"N 100°48'34.0"W		
<b>Project Purpose:</b>	The purpose of the grant is to further the control of noxious weeds in the district with the additional funds we will be better able to control problem areas.		
<b>Total Cost of Project:</b>	4322.80	<b>Amount of Funding Requested:</b>	2161.4
<b>Funding Period:</b>	Start date: 5/4/24	End date: 9/20/24	
<b>Approx. Acres to be treated or controlled:</b>	31.84		
<b>Methods of Control</b> (check all that apply):	Herbicide <input checked="" type="checkbox"/>	Biological <input type="checkbox"/>	Cultural <input type="checkbox"/>
		Mechanical <input type="checkbox"/>	Reseeding <input type="checkbox"/>
<b>Other (describe):</b>			
<b>Weeds targeted in proposed project:</b>	Wormwood, Thistle, and leafy Spurge.		

**Section 3. Funding Requirements**

Before your project is considered, please note the below requirements:

1. Project area must have a minimum 10% forest cover or consist of infested lands adjacent to or associated with weed-threatened forested lands.
  - a. Does your project meet the forested requirement?  YES  NO
2. Federal cost-share required is 50%.
3. Funding can include a percentage of labor, supplies, and equipment. Equipment purchased must be pre-approved and detailed in the project description.
4. Treatment acres must be reported annually. Treatment is defined as herbicide, biological control, cultural control, mechanical, or reseeding.

Do you agree to the above requirements?  YES  NO

**Section 4. Detailed Project Description**

Spray Valley Drive Park with aerial drone, for control of noxious weeds to include Canadian Thistle, Wormwood, Leafy Spurge and other noxious weeds present.

	5/3/24
<b>Applicant Signature</b>	<b>Date</b>



## Public Works Service Operations

**DATE:** April 9, 2024

**FROM:** Steven Salwei, Director Public Works Services

**ITEM:**

Permission for the Weeds Division to assist the Bismarck Parks and Recreation Board, as a subrecipient, in the application for two grants for noxious weeds management on Parks property.

**REQUEST:**

Permission for the Weeds Division to assist the Bismarck Parks and Recreation Board, as a subrecipient, in the application for two grants for noxious weeds management on Parks property.

**BACKGROUND INFORMATION:**

Bismarck Parks and Recreation would like to apply for two grants which will help them manage noxious weeds throughout the Park District. Because the City of Bismarck has its own Weed Board and Weed Officer, the City needs to submit these applications to the State Department of Agriculture and Bismarck Parks and Recreation would be the subrecipient. One grant from the ND Department of Agriculture will provide funding for the purchase mapping technology which will allow Parks and Recreation to record and manage their pesticide applications across the park district. The second grant will provide funding which will allow Parks and Recreation to hire a contractor to perform herbicide application via drone in difficult to manage areas in the coulees along Valley Drive Park.

**RECOMMENDED CITY COMMISSION ACTION:**

Grant permission to the Weeds Division to assist Bismarck Parks and Recreation in the application of two grants which will provide technology and resources for the management of noxious weeds on Parks and Recreation property.

**STAFF CONTACT INFORMATION:**

Douglas Wiles, City Forester, 701-355-1722, [dwiles@bismarcknd.gov](mailto:dwiles@bismarcknd.gov)

**ATTACHMENTS:**

1. Aerial Drone Spraying Grant
2. Noxious Weed Mapping Technology Grant Application\_ (003) (003)



**North Dakota Department of Agriculture  
U.S. Forest Service Weed Control Cost-Share Funding Request**

**Section 1. Applicant Details**

<b>Project Coordinator:</b>	Mike Sullivan/David Mayer	<b>Project Agency:</b>	Bismarck Parks and Recreation		
<b>Address:</b>	627 West Arbor Ave				
<b>City:</b>	Bismarck	<b>State:</b>	ND	<b>Zip Code:</b>	58504
<b>Telephone Number:</b>	701-222-6464	<b>Email Address:</b>	msullivan@bisparks.org		

**Section 2. Cost-share Request Details**

<b>Project Title:</b>	Bismarck Parks and Recreation				
<b>Project Location:</b> (address, GPS coordinates, or TRS description)	46°51'18.3"N 100°48'32.8"W				
<b>Project Purpose:</b>	The Purpose of the grant application is to further the control of noxious weeds in the district. With the additional funds we will be better able to control problem areas.				
<b>Total Cost of Project:</b>	6825.60	<b>Amount of Funding Requested:</b>	3412.80		
<b>Funding Period:</b>	Start date: 3/19/24		End date: 9/20/24		
<b>Approx. Acres to be treated or controlled:</b>	31.84 Acres				
<b>Methods of Control</b> (check all that apply):	<b>Herbicide</b> <input checked="" type="checkbox"/>	<b>Biological</b> <input type="checkbox"/>	<b>Cultural</b> <input type="checkbox"/>	<b>Mechanical</b> <input type="checkbox"/>	<b>Re seeding</b> <input type="checkbox"/>
<b>Other (describe):</b>					
<b>Weeds targeted in proposed project:</b>	Wormwood, Thistle, and Leafy Spurge.				

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**Do you agree to the above requirements?**  YES  NO

**Section 4. Detailed Project Description**

Spray Valley Drive Park with Aerial Done, for control of noxious weeds to include Canadian Thistle, Leafy Spurge, and other noxious weeds present.

	3/22/24
<b>Applicant Signature</b>	<b>Date</b>

# Noxious Weed Mapping Technology Grant Application

## **Applicant Weed Board:**

**Primary Contact: City of Bismarck (Bismarck Parks and Recreation District)**

**Address:**

**Phone Number:**

**Email:**

**Amount Requested (75% but no more than \$7,600):**

**Match Amount (at least 25%):**

**Total Equipment cost (100%):**

## **Project Purpose**

### **Why is this grant important to your program?**

Purchasing this new software and hardware it would enable our staff to better manage record and track herbicide/pesticide applications. The GPS tracking would ensure better application coverage and assist in not over applying due to inadvertent overlap.

### **If your county currently is using similar technology, what is being used?**

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### **In what ways will the data/information be utilized?**

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**Does your county have the funds to pay the continuing costs of the chosen equipment, such as subscriptions (Note: TAG funds can be used for this purpose)?** Yes, this will be accounted for in our annual budget.

# Noxious Weed Mapping Technology Grant Application

## Project Goals

### **How many mapping units is your county requesting?**

We would be requesting 1 initially.

### **Where will these units be installed? (Vehicle, ATV/UTV, Backpack)**

The unit would be installed on a UTV

### **What company are you planning on purchasing from?**

We were planning on purchasing from Spray Sync.

### **By what date do you plan on having these installed?**

We plan to have it installed by June or earlier, depending on when the equipment is available and shipped.

### **What date did the company quote for delivery of the equipment?**

Current lead time to have the equipment shipped is 1-2 weeks. If the equipment is to be installed by Spray Sync, the tentative timeframe is late April to beginning of May for installation.

DM Applicant understands there will be a cost share of 25% to the county and 75% to the state.

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