

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT



DIRECTOR NOTEBOOK

Updated January 2023

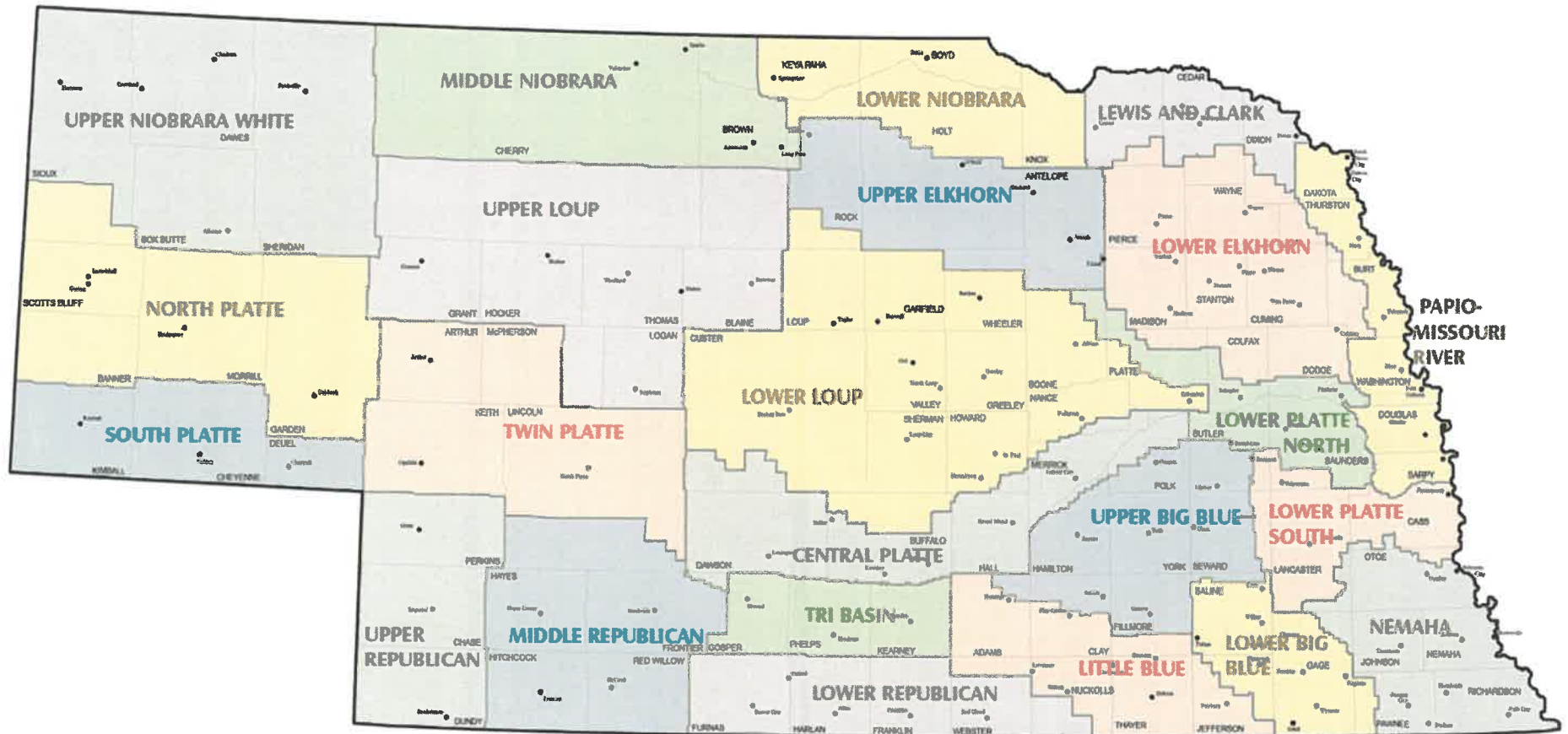
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Section 1

District Information

Nebraska's Natural Resources Districts



LOWER PLATTE SOUTH NRD RESOURCES & STATISTICS

1. Land cover (1,069,098 Acres) See Map – 22nd Largest NRD (2017)
 - 57.7% cropland
 - 21.6% pasture / grass
 - 9.8% developed
 - 8.2% forestland
 - 1.9% open water
 - 0.8% wetlands

2. Thirty-one communities – 2nd most populated
 - Lincoln – 291,082 (2020 census)
 - Plattsmouth – 6,544
 - Waverly – 4,279
 - Ashland – 3,086
 - Hickman – 2,607

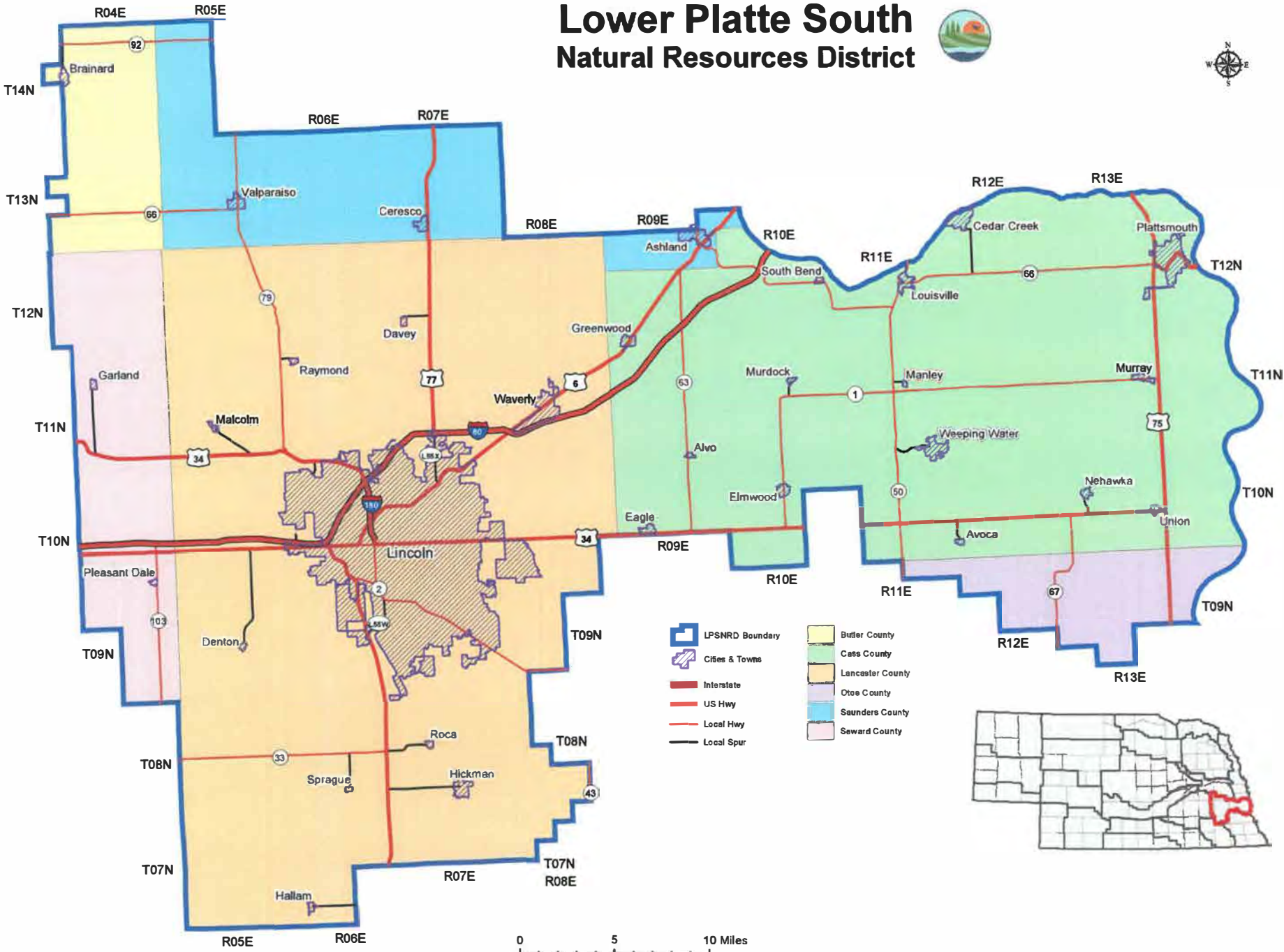
3. Surface Water
 - Fifty creeks / rivers
 1. Missouri River – 26 miles
 2. Platte River – 26 miles
 3. Salt Creek – 45 miles

 - Lakes / reservoirs
 1. Branched Oak Lake – 1,800 ac.
 2. Pawnee Lake – 700 ac.
 3. Beaver Lake & Capital Beach – 325 ac. (est.)

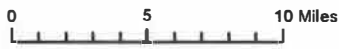
4. Groundwater – 6,884 active wells – 12th highest among NRDs (2018)
 - 3,606 domestic wells (2nd)
 - 1,306 monitoring wells
 - 453 irrigation wells (23rd)
 - 70 commercial (8th)
 - 134 public water supply wells w/spacing protection
 - 109 public water supply wells w/o spacing protection
 - 1,206 other (injection, recovery, livestock, groundwater heat exchange, heat pump, agriculture, pit (excavation), etc.)

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT				
COUNTY	VILLAGE/CITY	2018 VALUATION	2010 POPULATION	%TOTAL
Butler		187,683,710	687	0.22%
	Brainard		330	0.10%
	Unincorp.		357	0.11%
Cass		3,449,021,450	24,441	7.77%
	Plattsmouth		6,502	2.07%
	Weeping Water		1,050	0.33%
	Eagle		1,024	0.33%
	Louisville		1,106	0.35%
	Cedar Creek		390	0.12%
	Elmwood		634	0.20%
	Murray		463	0.15%
	Greenwood		568	0.18%
	Murdock		236	0.07%
	Nehawka		204	0.06%
	Union		233	0.07%
	Avoca		242	0.08%
	Manley		178	0.06%
	Alvo		132	0.04%
South Bend		99	0.03%	
Unincorp.		11,380	3.62%	
Lancaster		26,082,868,455	281,901	89.57%
	Lincoln		258,379	82.10%
	Waverly		3,277	1.04%
	Hickman		1,657	0.53%
	Malcolm		382	0.12%
	Hallam		213	0.07%
	Denton		190	0.06%
	Raymond		167	0.05%
	Davey		154	0.05%
	Sprague		142	0.05%
	Roca		220	0.07%
	Unincorp.		17,120	5.44%
	Otoe		163,865,330	318
Unincorp.			318	0.10%
Saunders		703,393,224	5,439	1.73%
	Ashland		2,453	0.78%
	Ceresco		889	0.28%
	Valparaiso		570	0.18%
	Unincorp.		1,527	0.49%
Seward		405,156,967	1,936	0.62%
	Pleasant Dale		205	0.07%
	Garland		216	0.07%
	Unincorp.		1,515	0.48%
TOTALS				
	URBAN		282,505	89.76%
	UNINCORP.		32,217	10.24%
	TOTALS	30,991,989,136	314,722	100.00%

Lower Platte South Natural Resources District



- LPSNRD Boundary
- Cities & Towns
- Interstate
- US Hwy
- Local Hwy
- Local Spur
- Butler County
- Cass County
- Lancaster County
- Otoe County
- Saunders County
- Seward County



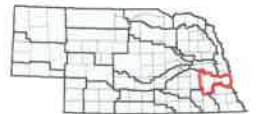
Sources: Lower Platte South Natural Resources District; Nebraska Department of Natural Resources; Nebraska Department of Roads






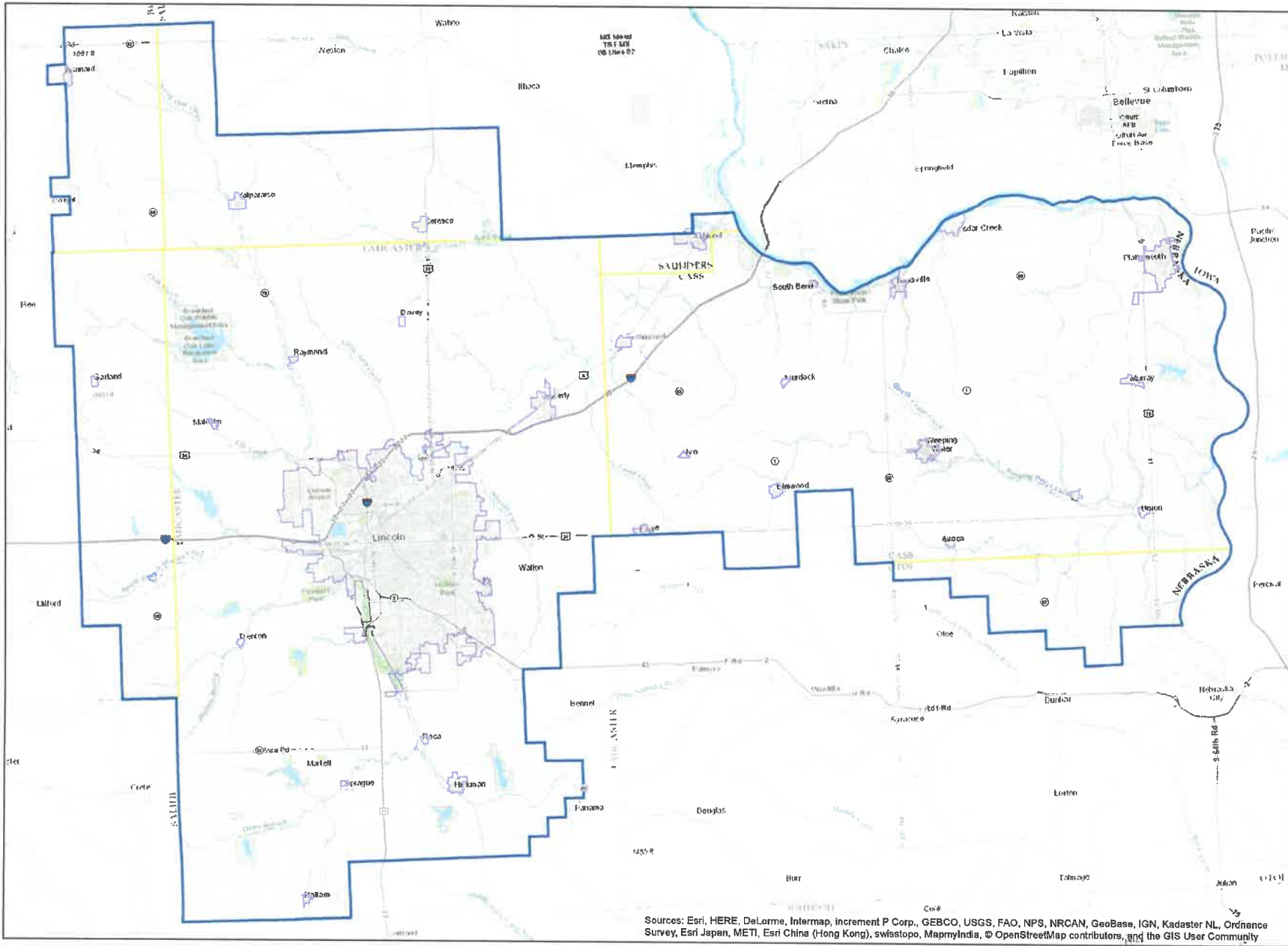
Lower Platte South Natural Resources District



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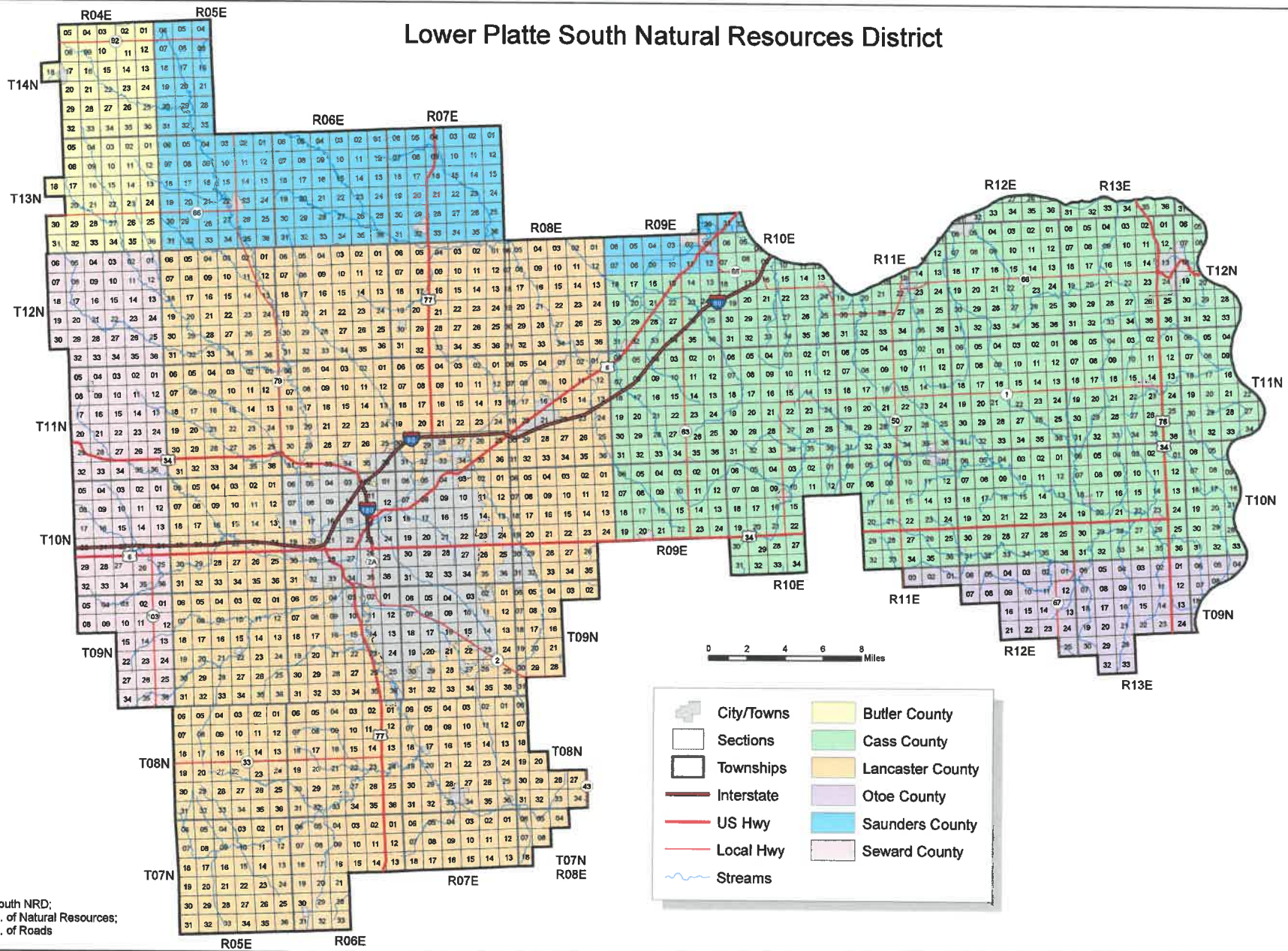


-  LPSNRD Boundary
-  Cities & Towns
-  Counties

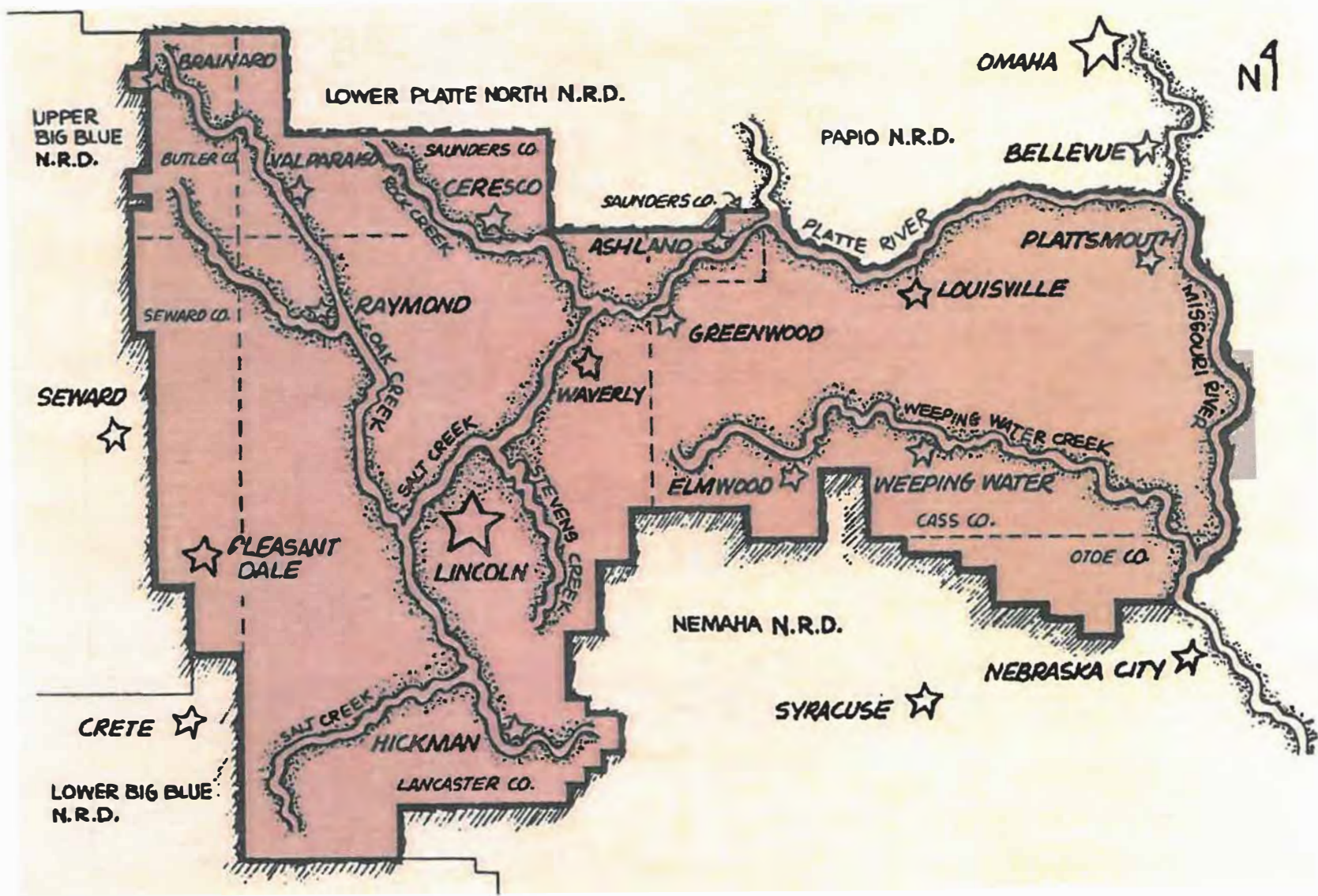


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Lower Platte South Natural Resources District

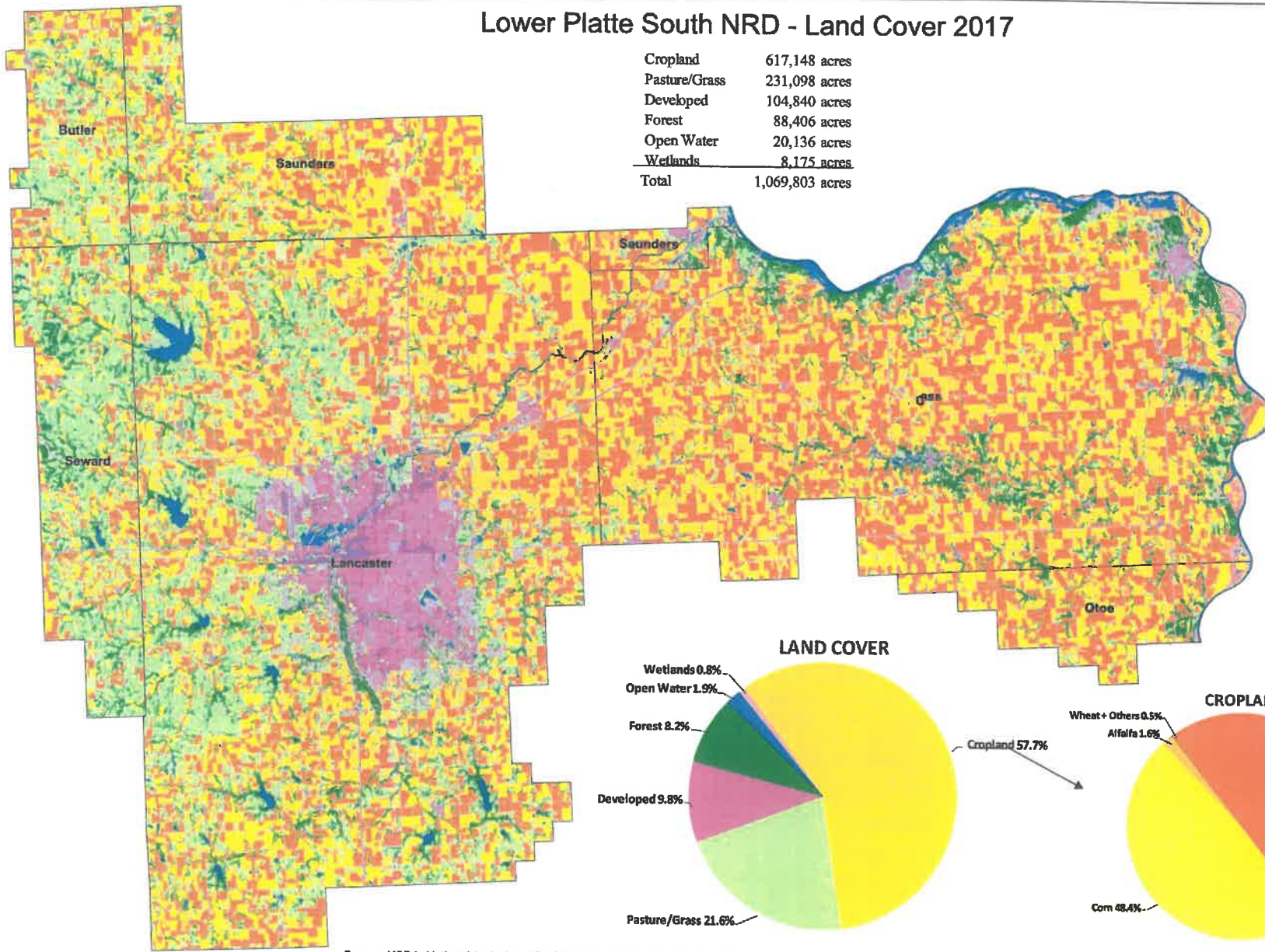


Sources:
 Lower Platte South NRD;
 Nebraska Dept. of Natural Resources;
 Nebraska Dept. of Roads

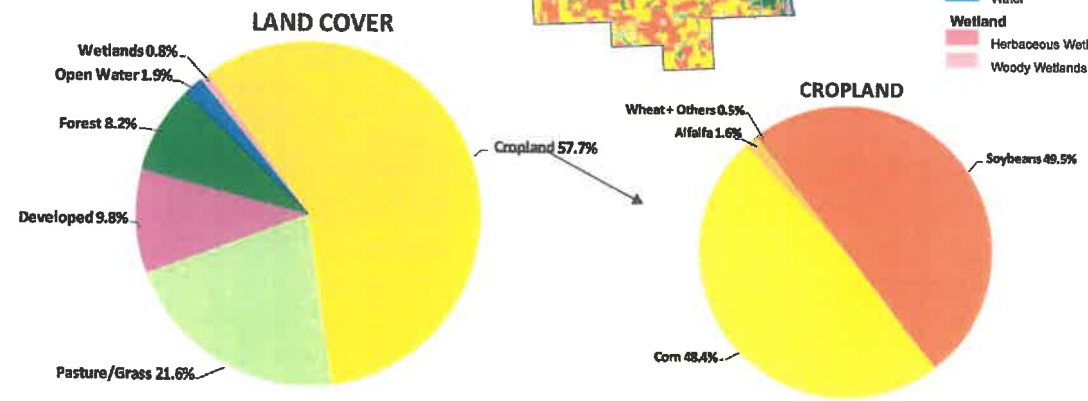


Lower Platte South NRD - Land Cover 2017

Cropland	617,148 acres
Pasture/Grass	231,098 acres
Developed	104,840 acres
Forest	88,406 acres
Open Water	20,136 acres
Wetlands	8,175 acres
Total	1,069,803 acres



- Land Cover 2017**
- Cropland**
 - Alfalfa
 - Com
 - Pop or Om Corn
 - Dry Beans
 - Millet
 - Oats
 - Peas
 - Rye
 - Sorghum
 - Soybeans
 - Triticale
 - Winter Wheat
 - Dbt Crop WinWht/Sorghum
 - Fallow/Idle Cropland
 - Pasture/Grass**
 - Grass/Pasture
 - Other Hay/Non Alfalfa
 - Sod/Grass Seed
 - Clover/Wildflowers
 - Shrubland
 - Developed**
 - Barren
 - Developed/Open Space
 - Developed/Low Intensity
 - Developed/Med Intensity
 - Developed/High Intensity
 - Forest**
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Open Water**
 - Water
 - Wetland**
 - Herbaceous Wetlands
 - Woody Wetlands



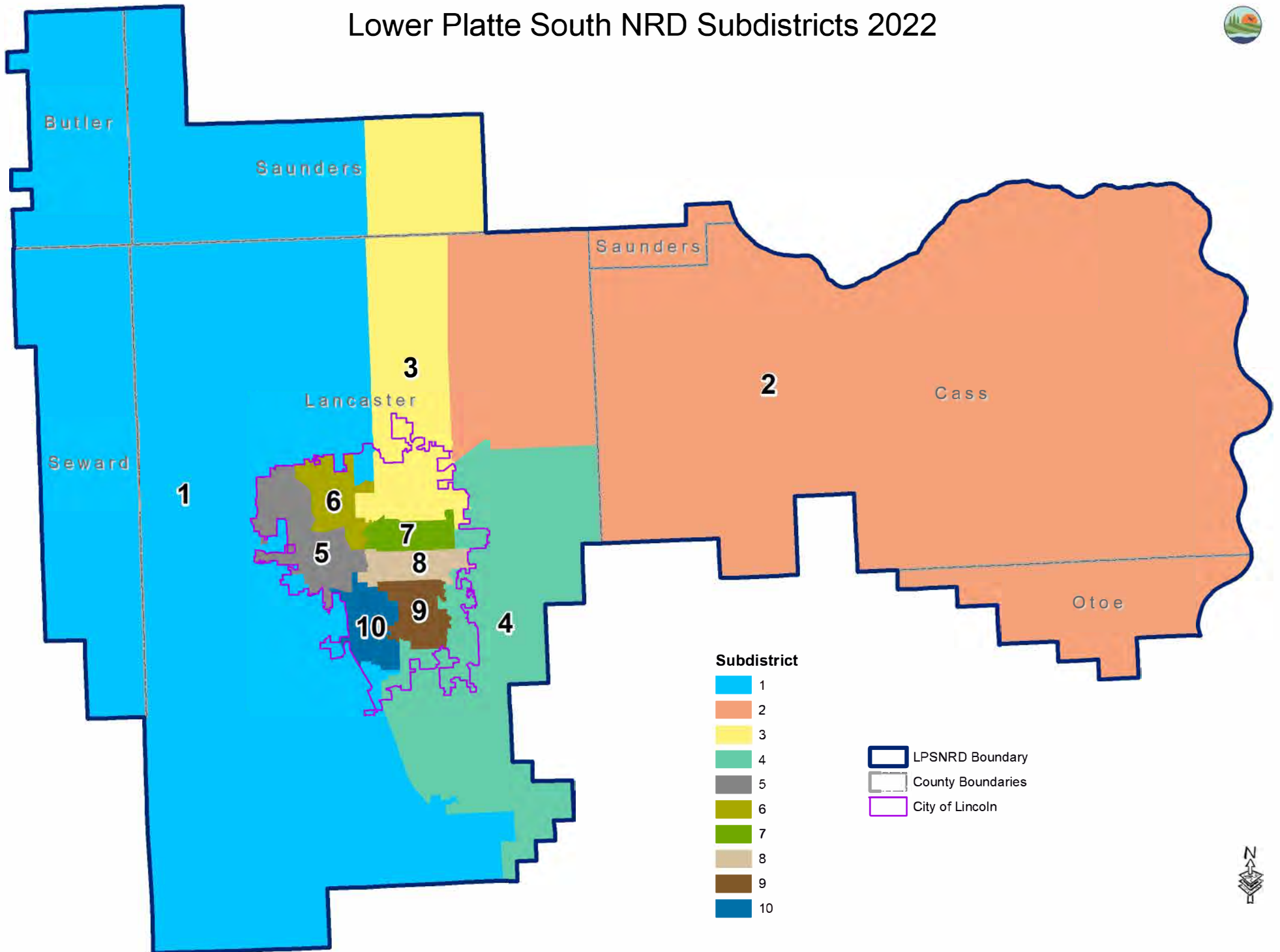
Source: USDA, National Agricultural Statistics Service Cropland Data Layer



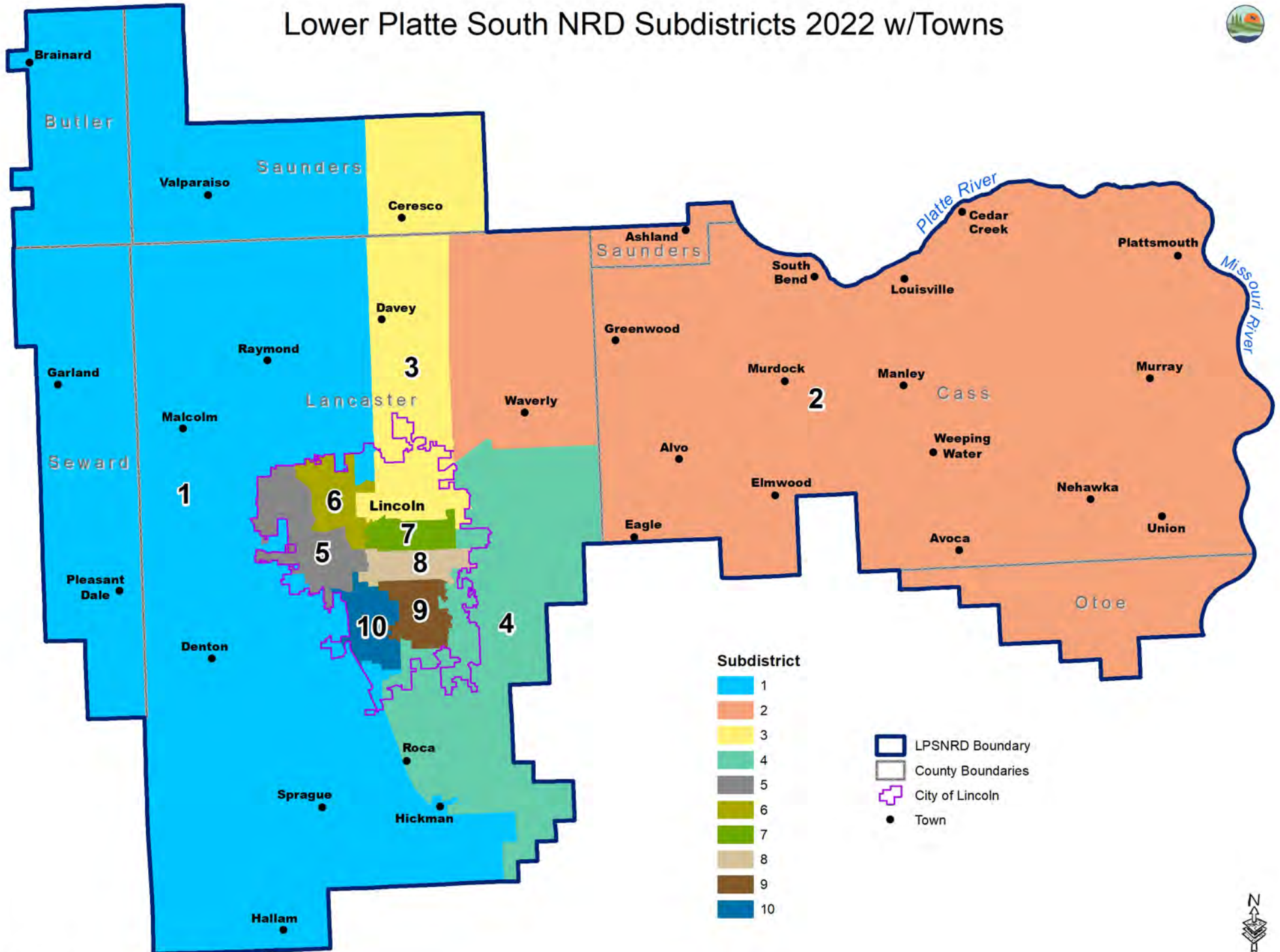
Section 2

Board of Directors Information

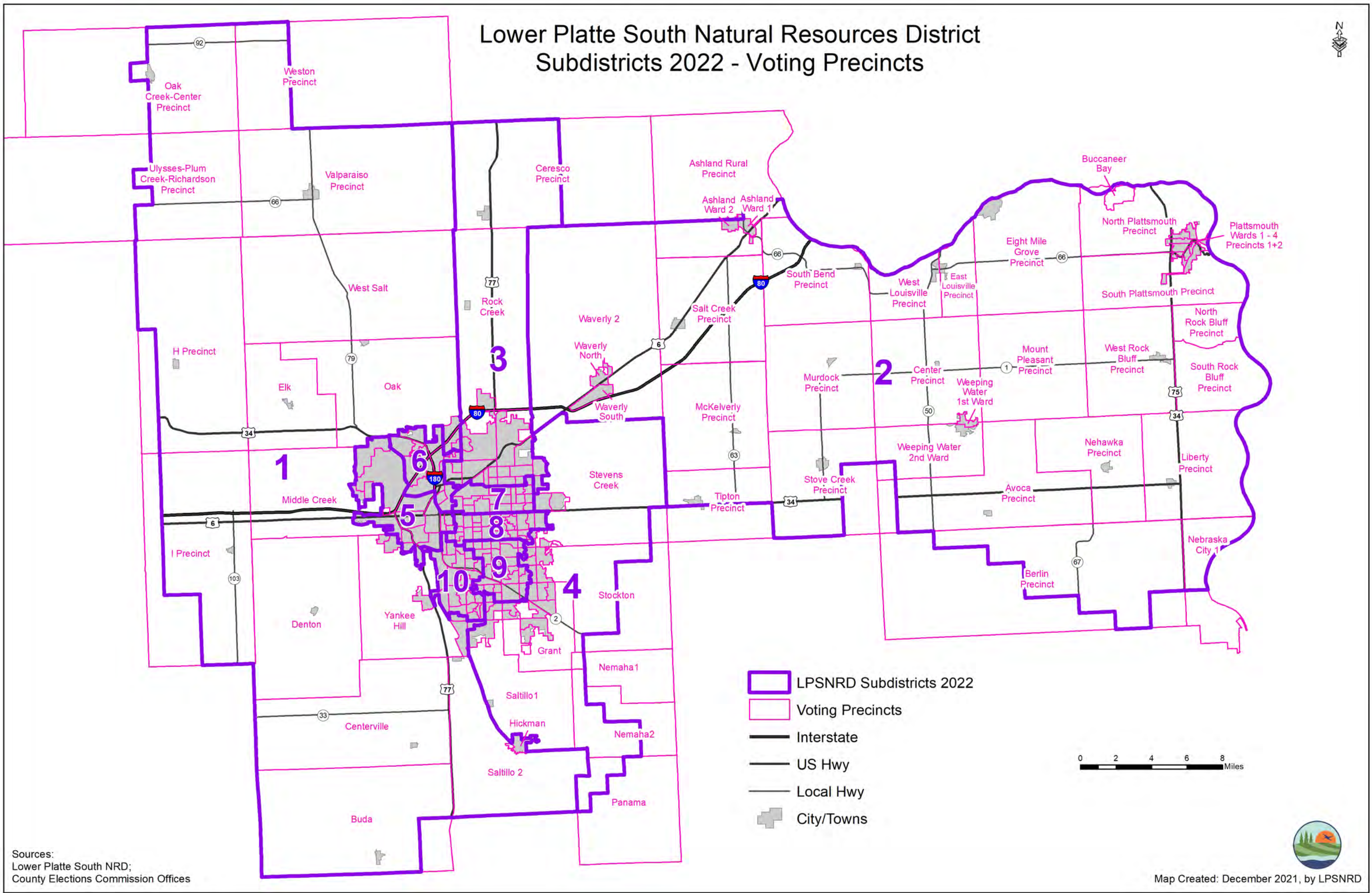
Lower Platte South NRD Subdistricts 2022



Lower Platte South NRD Subdistricts 2022 w/Towns



Lower Platte South Natural Resources District Subdistricts 2022 - Voting Precincts



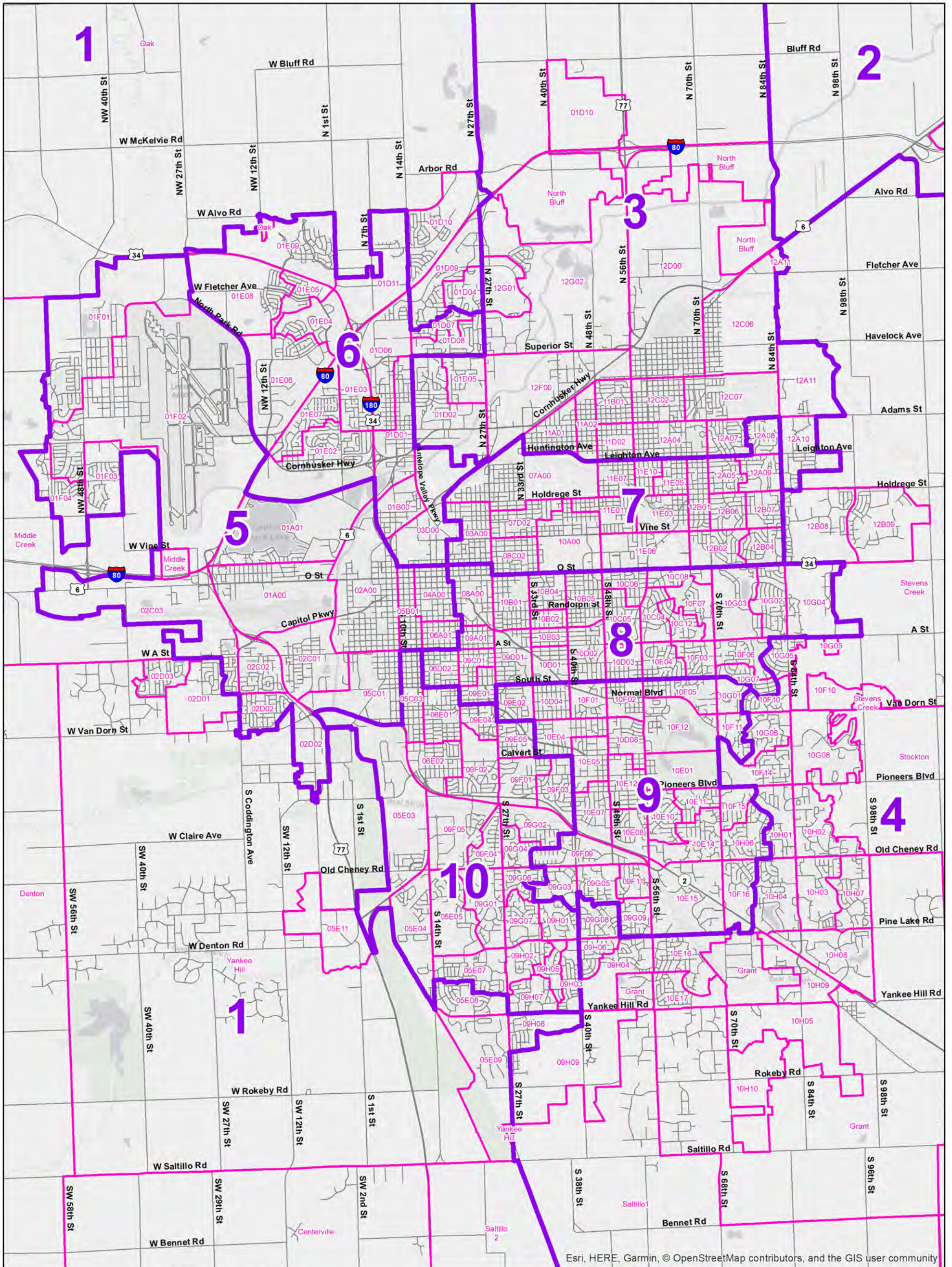
Sources:
Lower Platte South NRD;
County Elections Commission Offices

Map Created: December 2021, by LPSNRD







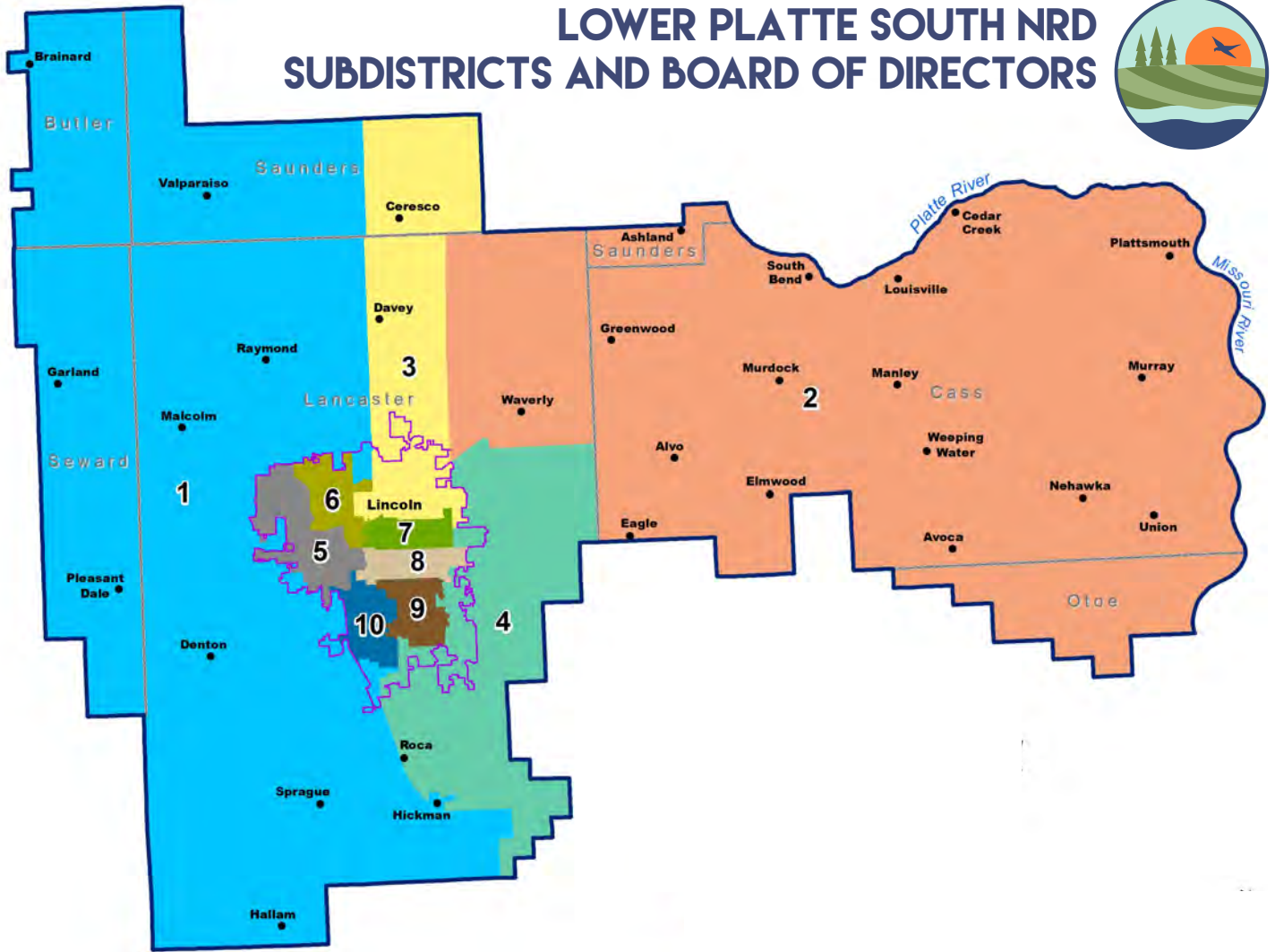
Lower Platte South NRD Subdistricts 2022 - Lincoln Area



Precincts that are split by NRD Subdistrict 2022 Boundary
 * Precinct 1D-10 has two parts - part in NRD Subdistricts 1 (Pop 2512) + 3 (Pop 1)
 * Precinct Middle Creek has two parts - larger part in Subdistrict 1 (Pop 839) and smaller part in Subdistrict 5 (Pop 0) encompassed by 1F-2 + 2C-3
 * Precinct Oak has two parts - larger part in Subdistrict 1 (Pop 1095) and smaller part in Subdistrict 6 (Pop 0) encompassed by 1E-9

 LPSNRD Subdistricts 2022
 Lancaster 2021 Voting Precincts

LOWER PLATTE SOUTH NRD SUBDISTRICTS AND BOARD OF DIRECTORS



● Subdistrict 1



Don Jacobson



Gary Hellerich



Ron Nolte



Mark Spangler

● Subdistrict 3



Melissa Baker



Ken Vogel

● Subdistrict 4



Gary Aldridge



Larry Ruth

● Subdistrict 5



John Yoakum



Stacie Sinclair



Anthony Schutz



Deborah Eagan

● Subdistrict 6



Chelsea Johson



Luke Peterson

● Subdistrict 7



Christine Lamberty



Tom Green

● Subdistrict 8

● Subdistrict 9



Lisa Lewis



Bob Andersen



Ray Stevens

● Subdistrict 10



Susan Seacrest



David Landis

At-Large

LOWER PLATTE SOUTH NRD BOARD OF DIRECTORS
NOT FOR PUBLIC DISTRIBUTION

Subdistrict / Exp. Date	Director / e-mail	Address	Phone
4 2024	Gary Aldridge galdridge.nrd@outlook.com usawoodtoys@yahoo.com	7112 South 45 th Street Lincoln, NE 68516	421-3564
9 2026	Bob Andersen bandersen.nrd@outlook.com bobandersen47@gmail.com	4941 S. 73 rd Street Lincoln, NE 68516	Cell – (402) 483-5455
3 2026	Melissa Baker mbaker.nrd@outlook.com	7125 Yosemite Dr. Lincoln, NE 68507	(402) 217-1547
6 2026	Deborah Eagan deagan.nrd@outlook.com Deborah.eagan@outlook.com	2021 Indigo Ct. Lincoln, NE 68521	(402) 730-8936
8 2026	Tom Green tgreen.nrd@outlook.com	710 Wedgewood Dr. Lincoln, NE 68510	(402) 580-3341
1 2026	Gary Hellerich ghellerich.nrd@outlook.com ghellerich@inebraska.com	2854 County Road A Valparaiso, NE 68065	Cell – (402) 560-8508
1 2024	Don Jacobson djacobson.nrd@outlook.com	2523 West “A” Street Lincoln, NE 68522	(402) 477-2523 Cell – (402) 430-3517
7 2024	Chelsea Johnson cjohnson.nrd@outlook.com	1709 Bedloe Court Lincoln, NE 68505	Cell - (402) 274-7623
8 2024	Christine Lamberty clamberty.nrd@outlook.com	7506 Whitestone Dr. Lincoln, NE 68506	(402) 525-1593
At-Large 2026	David Landis dlandis2@unl.edu	4810 South 44 th Street Lincoln, NE 68516	(402) 466-9352 Cell – (402) 817-8179
9 2024	Lisa Lewis llewis.nrd@outlook.com	6024 Cross Creek Road Lincoln, NE 68516	(402) 540-5985
2 2024	Ron Nolte rnolte.nrd@outlook.com	5700 Church Road Plattsmouth, NE 68048	(402) 298-8500
7 2026	Luke Peterson lpeterson.nrd@outlook.com	2520 “R” Street, Apt. #1 Lincoln, NE 68503	308-991-5751
4 2026	Larry Ruth larry.lynn.ruth@gmail.com	11500 Van Dorn Walton, NE 68461	Cell – (402) 430-9299 (402) 488-6681
6 2024	Anthony Schutz aschutz2@gmail.com	6811 NW 8 th Street Lincoln, NE 68521	(402) 466-1380
10 2026	Susan Seacrest sseacrest.nrd@outlook.com	1603 Old Farm Road Lincoln, NE 68512	(402) 217-5036
5 2026	Stacie Sinclair ssinclair.nrd@outlook.com	702 Sumner St. Lincoln, NE 68502	(301) 919-1133
2 2026	Mark Spangler mspangler.nrd@outlook.com	9314 – 12 th Street Murray, NE 68409	(402) 235-2296 Cell - (402) 298-1307
10 2026	Ray Stevens stevensjr@prodigy.net	3411 Hanson Ct. Lincoln, NE 68502	(402) 423-6471 Cell – (402) 432-1247
3 2024	Kenneth Vogel VogelKP61@neb.rr.com	7744 Erin Court Lincoln, NE 68507	(402) 613-8245
5 2024	John Yoakum jyoakum.nrd@outlook.com	330 N.W. 13 th Street Lincoln, NE 68528	(402) 890-5060
General Manager: Paul Zillig, Lower Platte South NRD P.O. Box 83581, Lincoln, NE 68501-3581 (402) 476-2729			

Updated 1/1/23

Section 3

Staff Information

EMPLOYEE DIRECTORY

&

ORGANIZATIONAL STRUCTURE



LOWER PLATTE SOUTH natural resources district

As of January 1, 2023

ORGANIZATIONAL STRUCTURE OF THE LOWER PLATTE SOUTH NRD



* Direct day-to-day supervision by NRCS district conservationist

^NRD supervision by assistant general manager

■ Administration and supervision by Nebraska Forest Service

▮ Administration and supervision by UNL Conservation and Survey Division

♦ Contract with Nebraska Department of Corrections for two crews and two crew supervisors

LPSNRD STAFF

PAUL ZILLIG

General Manager

Manage district operations and supervise all district employees
Provide guidance and assistance to Board of Directors
Coordinate programs with government and private agencies
Coordinate project development with staff
Employed by LPSNRD since 1979



DAVID POTTER

Assistant General Manager

Assist general manager in District Operations
Coordinate conservation cost-share programs
Administer Watershed Structure Rehabilitation Program
Employed by LPSNRD since 2016



JOHN ALBERT

Resources Technician (Lancaster County NRCS Office)

Conservation practices survey, design and layout
Conservation cost-share applications, payment claims and conservation plans
Contact for NRD programs/inquiries
Employed by LPSNRD since 1990



MCKENZIE BARRY

Environmental Education/ Communication Coordinator

Facilitate and coordinate NRD Environmental Education programs
Manage all district social media
Coordinate NRD nitrogen certification and ground water allocation trainings
Earth Wellness Festival coordinator
Employed by LPSNRD since 2001



LPSNRD STAFF

KRISTIN BUNTEMEYER

Administrative Assistant

Payroll
Accounting of district finances
Wellness Program coordinator
Supervise clerical staff
Employed by LPSNRD since 2021



CONNIE DAMROW

Bookkeeper

Accounts payable
Assist with District finances
Grants management
Alliance financial support
Employed by LPSNRD since 2009



DICK EHRMAN

Water Resources Specialist

Develop and manage ground and surface water monitoring programs
Coordinate ground water/geologic data gathering for district
Assist with implementation of Ground Water Management Plan
Assist with ground water programs
Employed by LPSNRD since 2009



CONNIE HANSEN

Field Office Secretary (Lancaster Co. NRCS Office)

Contact for NRD programs/inquiries
Conservation cost-share applications/claims
General office duties
Employed by LPSNRD since 1990



LPSNRD STAFF

KATHY HAUSCHILD

Receptionist/Secretary

Office receptionist

Coordinate office and staff schedules and NRD meetings & rooms

General office duties and secretarial support

Employed by LPSNRD since 2017



TRENT HENRY

Maintenance Technician

Prairie Corridor on Hannes Branch operation and maintenance

Manage LPSNRD Weed program

Assist with woody vegetation management on wildlife management areas

Employed by LPSNRD since 2020



STEVE HERDZINA

Water Resources Compliance Specialist

Implements compliance guidelines for Ground Water Rules and Regulations

Manages certified irrigated acres

Administers water meter cost-share program

Oversees 319 Water Quality management Plan

Employed by LPSNRD since 2008



WILL INSELMAN

Resources Coordinator

Coordinate implementaton of Ground Water Management Plan

Liason for Saline Wetland Conservation Partnership, NE Forest

Service, NE Land Trust and Prairie Corridor on Haines Branch

Coordinate and manage public access properties

Supervise various staff and temporary employees

Employed by LPSNRD since 2022



LPSNRD STAFF

BRYCE JENSEN

Operation/Maintenance Technician

Urban channel inspection and maintenance, including Antelope Valley
Coordinate hiker/biker trail maintenance
NRD building maintenance
Vehicle purchase and maintenance
Employed by LPSNRD since 2014



COLE JOHNSON

Resources Technician (Cass County NRCS Office)

Conservation practices survey, design and layout
Conservation cost-share applications, payment claims and conservation plans
Contact for NRD programs/inquiries
Employed by LPSNRD since 2021



ARIANA KENNEDY

Resources Conservationist

Trail development, inspections and management
Manage and inspect buffer strip and filter strip program
Assist with NRD lakes and wetlands
Conduct conservation easement inspections
Employed by LPSNRD since 1998



NATHAN KUHLMAN

Information Systems Administrator

Design, implement and operate information systems architecture
Analyze information and technology needs
Ensure computer networks are operational, backed up and secure
Employed by LPSNRD since 2010



LPSNRD STAFF

JAN KUSH

Field Office Secretary (Cass County NRCS Office)

Contact for NRD programs/inquiries
Conservation cost-share applications/claims
General office duties
Employed by LPSNRD since 2020



AL LANGDALE

Operation and Maintenance Coordinator

Coordinate operation and maintenance staff
Salt Creek Levee project inspections, operation and maintenance
Salt Creek project (non-levee) operation and maintenance
As-built project construction plan organization and archives
Employed by LPSNRD since 1986



MARK LINDEMANN

District Engineer

Coordinate Deadmans Run Section 205 Flood Reduction Study
Provide engineering support for NRD projects
Coordinate Salt Creek Levee project improvements
Evaluate operation of NRD projects
Employed by LPSNRD since 2022



CRAIG MATULKA

Operation/Maintenance Technician

Manage Weed Control Program
Perform general operation and maintenance duties
Conduct dam safety inspections
Maintain NRD dam database
Employed by LPSNRD since 2004



LPSNRD STAFF

MIKE MURREN

Projects Coordinator

Assist with planning, design, landrights, contract preparation, construction and maintenance of district projects
Supervise Stormwater Floodplain Specialist and operation and maintenance staff
Develop and promote urban stormwater programs
Coordinate construction of flood control dams, channel restorations and flood reduction projects
Employed by LPSNRD since 2019



DREW RATKOVEC

Stormwater/Watershed Specialist

Provide technical assistance for stormwater and floodplain management and erosion and sediment control
Coordinate Urban Water Quality Program
Coordinate NRD Community Assistance Program
NRD/City of Lincoln project liaison
Employed by LPSNRD since 2019



DONNA REID

District Office Secretary/Program Assistant

Filing systems and maintaining electronic data storage
Administer NSWCP conservation cost-share programs
Purchase supplies and equipment for office
Provide secretarial support
Employed by LPSNRD since 1994



PARKER ROBINSON

Public Communications Specialist

Produce all informational materials and NRD newsletter
Coordinate media and promotional activities
Responsible for web design, social media, and content
Program and project video production
Employed by LPSNRD since 2021



LPSNRD STAFF

SHAULA ROSS

GIS Specialist

Build and maintain GIS data and projects
Gather, analyze and integrate spatial information from various sources
Design and create maps
Troubleshoot GIS issues
Employed by LPSNRD since 2004



MACLANE SCOTT

Water Resources Technician

Ground water monitoring, sampling and water levels
Well permits
Chemigation permits
Well decommissioning cost-share
Employed by LPSNRD since 2019



EVAN SISEL

Resources Technician (Lancaster County NRCS Office)

Conservation practices survey, design and layout
Conservation cost-share applications, payments and plans
Contact for NRD programs/inquiries
Employed by LPSNRD since 2018



ADAM SUTTON

Environmental Educator

Assist in education presentations, programs and field trips
Assist with Family nature Nights and afterschool clubs
Coordinate Test Your Well Nights
Employed by LPSNRD since 2010



LPSNRD STAFF

CHRIS WITTHUHN

Water Resources Conservationist

Develop and implement ground water monitoring activities
Manage ground water database and reports
Ground water best management practices cost-share programs
Employed by LPSNRD since 2008



VACANCY

Maintenance Technician

Maintenance on NRD projects and properties
Manage Weed Control Program
Operate and maintain NRD equipment
Platte River ice monitoring

VACANCY

Drinking Water Specialist

JOINT PARTNERSHIP EMPLOYEES

KATIE CAMERON

Eastern Nebraska Water Resources Assessment (ENWRA)

Plan, manage and administer the Eastern NE Water Resources Assessment
Perform and coordinate technical duties
Provide hydro geologic consultation
Employed at LPSNRD since 2013



ANDY DRIVER

Corrections Crew Supervisor

Employed by the Nebraska Department of Corrections
Employed at LPSNRD since 2021



SAM GROVE

Corrections Crew Supervisor

Employed by the Nebraska Department of Corrections
Employed at LPSNRD since 2017



TOM MALMSTROM

Saline Wetlands Conservation Partnership

Coordinates shared interests between partnership entities
Employed at LPSNRD since 2003



JOINT PARTNERSHIP EMPLOYEES

JAY SEATON

NRD Forester

Oversee NRD conservation tree seedling program

Coordinate Community Forestry grant program

Provide technical forestry and tree planting assistance to public

Provide tree planting designs and plans to interested public

Employed at LPSNRD since 2012



LAST NAME	FIRST NAME	TITLE	BRIEF DESCRIPTION OF JOB
Albert	John	Resources Technician (Lancaster County NRCS)	Conservation practices survey, design and layout, conservation cost-share applications, payments and conservation plans and contact for LPSNRD programs / inquiries
Barry	McKenzie	Environmental Education / Communication Coordinator	Facilitate and coordinate LPSNRD Environmental Education Programs, plan all environmental education events and coordinate & manage all District communication & social media
Buntemeyer	Kristin	Administration and Finance Manager	Payroll, accounting of district finances, wellness program coordinator and supervise clerical staff
Cameron	Katie	Eastern Nebraska Water Resources Assessment (ENWRA) Project Coordinator	Plan, manage and administer the Eastern Nebraska Water Resources Assessment (ENWRA), perform and coordinate technical duties and provide hydro geologic consultation
Damrow	Connie	Bookkeeper	Accounts payable, assist with district finances, grants management and Alliance financial support
Ehrman	Dick	Water Resources Coordinator	Develop and manage ground and surface water monitoring programs, coordinate groundwater/geologic data gathering for district, assist with implementation of Groundwater Management Plan and assist with groundwater programs
Hansen	Connie	Field Office Secretary (Lancaster County NRCS)	Contact for LPSNRD programs/inquiries, conservation cost-share applications/claims and general office duties
Hauschild	Kathy	Receptionist / Secretary	Office receptionist, coordinate office and staff schedules and LPSNRD meetings/rooms and general office duties and secretarial support
Henry	Trent	Maintenance Technician	Prairie Corridor on Haines Branch operation and maintenance, manage LPSNRD Weed Program and assist with woody vegetation management on wildlife management areas
Herdzina	Steve	Water Resources Compliance Specialist	Implement compliance guidelines for Groundwater Rules and Regulations, manage Certified Irrigated Acres, administer Water Meter Cost-Share Program and oversee 319 Water Quality Management Plan

LAST NAME	FIRST NAME	TITLE	BRIEF DESCRIPTION OF JOB
Inselman	Will	Resources Coordinator	Coordinate implementation of Groundwater Management Plan, liaison for Saline Wetland Conservation Partnership, Nebraska Forest Service, Nebraska Land Trust and Prairie Corridor on Haines Branch, coordinate and manages public access properties and supervise various staff and temporary employees
Jensen	Bryce	Operation and Maintenance Technician	Urban channel inspection/maintenance, including Antelope Valley, Coordinate hiker/biker trail maintenance, LPSNRD building maintenance and vehicle purchase and maintenance
Johnson	Cole	Resources Technician (Cass County NRCS)	Conservation practices survey, design and layout, conservation cost-share applications, payments and conservation plans and contact for LPSNRD programs / inquiries
Kennedy	Ariana	Resources Conservationist	Trail development, inspections and management, manage and inspect buffer strip and filter strip program, assist with LPSNRD lakes and wetlands and conduct conservation easement inspections
Kuhlman	Nathan	Information Systems Administrator	Design, implement and operate information systems architecture, update and maintain network system, analyze information and technology needs and ensure computer networks are operational, backed-up and secure
Kush	Jan	Field Office Secretary (Cass County NRCS)	Contact for LPSNRD programs/inquiries, conservation cost-share applications/claims and general office duties
Langdale	Alan	Operation and Maintenance Coordinator	Coordinate operation & maintenance staff, Salt Creek Levee Project inspections, operation & maintenance, Salt Creek Project (non-levee) operation & maintenance and As-Built Project construction plan organization and archives
Lindemann	Mark	District Engineer	Coordinate Deadmans Run Flood Reduction Project, provide engineering support for LPSNRD projects, coordinate Salt Creek Levee Improvements and evaluate operation of LPSNRD projects
Matulka	Craig	Operation / Maintenance Technician	Manage weed control program, perform general operation & maintenance duties, conduct dam safety inspections and maintain LPSNRD dam database

LAST NAME	FIRST NAME	TITLE	BRIEF DESCRIPTION OF JOB
Murren	Mike	Projects Coordinator	Assist with the planning, design, land rights, contract preparation, construction and maintenance of district's projects, supervise Stormwater/Floodplain Specialist and Operation/Maintenance Coordinator, develop & promote urban stormwater programs and coordinate construction of flood control dams, channel restorations and flood reduction projects
Potter	David	Assistant General Manager	Assist general manager in district operations, coordinate conservation cost-share programs and administer Watershed Structure Rehabilitation Program
Ratkovec	Drew	Stormwater / Watershed Specialist	Provide technical assistance for stormwater & floodplain management and erosion & sediment control, coordinate LPSNRD Urban Water Quality Program, coordinate LPSNRD Community Assistance Program and LPSNRD / City of Lincoln Project Liaison
Reid	Donna	District Office Secretary / Program Assistant	In charge of filing systems and maintaining electronic data storage, puts agenda/agenda items, board and subcommittee minutes on web page, purchase supplies & equipment for office, assist with conservation cost-share programs, recording secretary for monthly board meetings and provides secretarial support
Robinson	Parker	Public Communications Specialist	Promote programs, projects and events on social media and website, program and project video production, produce all informational materials & LPSNRD Newsletter and coordinate media and promotional activities
Ross	Shaula	GIS Specialist	Build and maintain GIS data and projects, gather, analyze and integrate spatial information from various sources, design and create maps and troubleshoot GIS issues
Scott	Maclane	Water Resources Technician	Groundwater monitoring, sampling and water levels, well permits, chemigation permits and well decommissioning cost-share
Seaton	Jay	NRD Forester	Oversee LPSNRD Conservation Tree Seedling Program, coordinate LPSNRD Community Forestry Grant Program, provide technical forestry & tree planting assistance to public and provide tree planting designs & plans to interested public

LAST NAME	FIRST NAME	TITLE	BRIEF DESCRIPTION OF JOB
Sisel	Evan	Resources Technician (Lancaster County NRCS)	Conservation practices survey, design and layout, conservation cost-share applications, payments and conservation plans and contact for LPSNRD programs / inquiries
Sutton	Adam	Environmental Educator	Assist in education presentations, programs & field trips, assist with Family Nature Nights and afterschool clubs and coordinate Test Your Well Nights
Vacancy		Social Media Strategist	Promote programs, projects and events on social media, program and project video production and staff podcast production.
Vacancy		Maintenance Technician	Maintenance on LPSNRD projects and properties, manage Weed Control Program, operate/maintain LPSNRD equipment and Platte River ice monitoring
Witthuhn	Chris	Water Resources Conservationist	Develop and implement groundwater monitoring activities, manage groundwater database & reports and groundwater best management practices cost-share programs
Zillig	Paul	General Manager	Manage district operations & supervise all district employees, provide guidance & assistance to board of directors, coordinate programs with government & private agencies and coordinate project development with staff.

Updated 12/7/2022

Section 4

Operating Policies

OPERATING POLICIES

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT

ADOPTED May 14, 1998

REVISED December 15, 2021

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Personnel Policies

PERSONNEL POLICIES

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT

ADOPTED JUNE 17, 1998

Revised December 15, 2021

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Section 6

Master Plan



LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT
2019 MASTER PLAN



LOWER PLATTE SOUTH
natural resources district

Lower Platte South NRD
PO Box 83581
3125 Portia Street
Lincoln, NE 68521
402-476-2729
www.lpsnrd.org



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INTRODUCTION

AUTHORITY AND RESPONSIBILITIES

The Lower Platte South Natural Resources District (LPSNRD) is one of 23 natural resources districts created in 1969 with the passage of LB1357 by the Nebraska Unicameral. Since its formation in 1972, LPSNRD has been assisting people in the Lower Platte River Basin in the development and protection of our soil and water resources.

The natural resources districts have been given statutory responsibility outlined in Section 2-3229, R.R.S. 1943. This section states that “The purposes of the Natural Resources

Districts shall be to develop and execute, through the exercise of powers and authorities contained in this act, plans, facilities, works and programs relating to:

1. erosion prevention and control
2. prevention of damages from flood water and sediment
3. flood prevention and control
4. soil conservation
5. water supply for any beneficial uses
6. development, management, utilization, and conservation of groundwater and surface water
7. pollution control
8. solid waste disposal and sanitary drainage
9. drainage improvement and channel rectification
10. development and management of fish and wildlife habitat
11. development and management of recreational and park facilities, and
12. forestry and range management.”

The NRD is authorized to levy taxes on property to generate funds to fulfill the mission of the NRD. The Lower Platte South NRD has a 21–member Board that, in addition to approving a budget and setting a tax levy, also sets policy, establishes priorities, and makes decisions related to the NRD’s work. The Lower Platte South NRD includes the City of Lincoln and contains parts of six counties. Overall the NRD includes slightly more than one million acres and approximately 350,000 residents.

The NRD has a staff of approximately 30 employees that operate and maintain close to 200 flood-control dams, 13 miles of levees, approximately 12 miles of urban stream channels, 50 miles of trails, 13 wildlife management areas, 12 community/public wetlands, and monitors groundwater quantity and quality. The NRD also provides project planning and management for additional projects/studies, environmental education, and administers programs that provide annually over \$1M in cost-share assistance to landowners to install best management practices (terracing, tree seedlings, meters, buffer strips, well decommissioning, etc.) to improve our water quality and protect our natural resources.

The successful implementation of these programs and projects is due in large part to a commitment of cooperation and collaboration with other local, state, and federal agencies and private organizations and individuals. This NRD has a history of innovation and leadership; for example, being among the first of the NRDs to utilize conservation easements as a resources protection tool, to develop and manage recreation trails, to acquire and restore wetlands, and to partner with the City of Lincoln in stormwater quality and quantity management.

VISION STATEMENT

A vision statement for LPSNRD is a picture of the district’s future. It becomes the framework for all of the district’s strategic planning. A vision statement has more to do with the future and describes what the district plans or hopes to be in the future. A vision articulates a view of a realistic, creditable, attractive future for the organization, a condition that is better in some important ways than what now exists. During the February 2018 planning retreat, the directors were asked to prepare a vision statement for LPSNRD that identified the district and clearly demonstrate the district’s goals to all stakeholders. The following overall vision statement has been adopted for LPSNRD:

“Protecting our natural resources for future generations.”

MISSION STATEMENT

The primary difference between a vision and mission statement is the timeline. A mission statement defines what an organization is currently doing, while a vision statement is a goal of what they'd like to accomplish. The mission is what people do to achieve the vision.

A mission is different from a vision in that the former is the cause and the latter is the effect; a mission is something to be accomplished whereas a vision is something to be pursued for that accomplishment. A mission statement is the day-to-day focus and describes how the district plans on achieving our objectives. This is a statement to directors, staff, and the public with interest in the district that clearly articulates what the district is doing, how it's going to do it, and ultimately why it's doing it. The mission statement for LPSNRD is:

“Maintain a sustainable environment through the conservation of land, water, and wildlife.”

MASTER PLAN

The Master Plan for LPSNRD was prepared by the district staff under the direction of the Master Plan Ad Hoc Subcommittee, recommended by Finance and Planning Subcommittee, and approved by the District Board of Directors on December 12, 2018. It replaces a similar Master Plan adopted in January 2009.

The purpose of this plan is to identify where we've been, what we're doing now, and where we want to be. The Plan will expand the mission and vision statements into goals, desired outcomes and objectives of LPSNRD for the next 10 years (2019-2029). The goals reflect the responsibilities and authorities contained in state statutes as outlined above. The listed objectives are included in the district's *Long-Range Implementation Plan* for the next five years, which is updated each year. The *Long-Range Implementation Plan* and the annual budget are the primary tools for implementing the Master Plan. Included in this plan are sections on the district's background, present projects and programs, and a direction forward.



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BACKGROUND

LOWER PLATTE SOUTH PAST AND PRESENT

Upon settlement of the area, in the mid-1850s, that is now the Lower Platte South NRD, flooding quickly became a primary concern. Floods that occurred were often fatal. The development of land and conversion to cropland only increased the frequency and severity of flooding. The first political response to the problem in the Lincoln area came in 1891, with the organization of Sanitary District #1 of Lancaster County. Under the district's authority, work was started to straighten Salt Creek through Lincoln hoping that increased flow velocity would reduce flooding.

On July 6, 1908, a major flood in the Salt Valley took many lives and efforts to straighten and deepen Salt Creek took on new urgency. Work resumed with greater vigor in 1909. At the same time,



Images of historical flooding in rural (left) and urban (right) areas of LPSNRD

landowners of a large area drained by Weeping Water Creek were having similar problems. Residents of an area in Cass and Otoe counties were losing large amounts of fertile soil almost annually due to flooding. Then in the 1930s, dust bowl conditions brought erosion concerns to the national forefront. Congress created the Soil Erosion Service (SES) in 1933. The Soil Conservation Service was created in 1935, which absorbed the SES. Finally, in 1937, a Standard Act to create Soil Conservation Districts was passed by Congress. The State of Nebraska adopted the act immediately and there were soon soil conservation districts throughout the state.

Severe flooding persisted and by 1945, public response to channel straightening had turned negative. That year, Sanitary District #1 was informed by federal authorities they would likely not assist those channel projects in the future.

In May of 1950, a major flood in the area killed nine people and damage to the land was extensive. In response, the Salt-Wahoo Watershed Association was formed, with the goal to bring all landowners and people in the area the benefits of water conservation, erosion control, flood abatement, recreation and wildlife development. The association included both rural and urban interests. Many other similar groups were formed across Nebraska, including the soil and water conservation districts in 1959 which followed county boundaries. Then in 1960, the

Salt-Wahoo Watershed District was formed to sponsor a U.S. Army Corps of Engineers (USACE) project to construct ten major flood control structures, channel improvements, and levee construction. By the late 1960s, state government leaders recognized a need to reorganize these groups under a single authority and combine the responsibilities of some 154 special purpose districts. Nebraska's natural resources districts (NRDs) were gavelled into existence by the Legislature in 1969 and started in 1972. These 24 (now 23) locally elected boards were organized according to river basin boundaries and had statutory authority to manage local natural resources and to levy property tax.

The Lower Platte South NRD inherited the Upper Salt Watershed Project and the Oak-Middle Watershed Project from the local county soil conservation districts and the Salt Creek Levee Project from the Salt Valley Watershed District. Flood reduction projects since 1972 have included the Weeping Water Watershed Project, Stevens Creek Watershed Project, the Antelope Creek Flood Reduction Project, Deadman's Run Flood Reduction Project, and many more. Over the years, the district's approach to flood management has shifted from flood control to flood damage reduction, utilizing techniques such as terracing and other land improvements, limiting development in floodplains, upgrading high hazard dams, and developing early-warning systems. Likewise, the district has become a

leader in the management of groundwater, stormwater, wetlands and rare saline wetlands, in providing recreation and in educating the public about conservation. The multipurpose nature of the Lower Platte South NRD makes it well-equipped to respond to increasing public conservation needs. Some of those response actions are outlined in the CURRENT RESPONSES chapter.

Governing Body

The Lower Platte South Natural Resources District is governed by a 21-member Board of Directors (see Table 1). Directors are elected at the general election for four-year terms with half of the members up for election every two years. Directors are elected by their sub-district's voters. To allow balanced representation across the district, the area is divided into ten sub-districts, all with approximately equal population. Two board members represent each of the ten sub-districts. Also, one board member is elected at large every four years. Each year a Board Chair, Vice-Chair, Secretary, Treasurer, Nebraska Association of Resources Districts (NARD) representative, and a NARD alternate are elected by the board from among the directors.

LPSNRD operates with four standing subcommittees, two administrative subcommittees, and four ad hoc subcommittees. Other ad hoc committees, commissions, coalitions, boards, etc. are formed as needed. At present the standing subcommittees are Land Resources; Water Resources; Urban; and Recreation, Forestry and Wildlife. The administrative subcommittees are Executive and Finance and Planning. The four ad hoc subcommittees include: Information and Education; Platte River; Integrated Management; and MoPac East-Lied Connector. The NRD Board operates according to a set of operating policies which are kept on file at the district headquarters in Lincoln, Nebraska.

Proposals for board action are first taken before an appropriate subcommittee for review. The subcommittee makes a recommendation to the board and the board votes to adopt or reject the proposal. When the board adopts a policy,

Table 1: 2018 LPSNRD Board of Directors

SUB-DISTRICT	DIRECTOR	LOCATION
Sub-district 1	Don Jacobson	Lincoln
Sub-district 1	Gary Hellerich	Valparaiso
Sub-district 2	Mark Spangler	Murray
Sub-district 2	Sarah Wilson	Waverly
Sub-district 3	Vern Barrett	Ceresco
Sub-district 3	Mike DeKalb	Lincoln
Sub-district 4	Larry Ruth	Walton
Sub-district 4	Gary Aldridge	Lincoln
Sub-district 5	Bruce Johnson	Lincoln
Sub-district 5	Greg Osborn	Lincoln
Sub-district 6	Anthony Schutz	Lincoln
Sub-district 6	Deborah Eagan	Lincoln
Sub-district 7	Chelsea Johnson	Lincoln
Sub-district 7	Richard Bolte	Lincoln
Sub-district 8	Dan Steinkruger	Lincoln
Sub-district 8	Ron Svoboda	Lincoln
Sub-district 9	Milt Schmidt	Lincoln
Sub-district 9	Robert Andersen	Lincoln
Sub-district 10	Ray Stevens	Lincoln
Sub-district 10	Karen Amen	Lincoln
At-large	David Landis	Lincoln

approves a project or program, or otherwise issues a directive through voting, it is the responsibility of the district staff to carry out those actions.

At the discretion of the board, citizen advisory groups may also be formed to assist the board in considering specific projects or activities. Members are appointed and represent a group of people or businesses with particular interest in the project or activity.

NRD Staff

The Lincoln office staff currently consists of 29 full-time employees. LPSNRD also staffs three full-time resources technicians and two district secretaries in the Natural Resources Conservation

Service county offices located in Lincoln and Weeping Water. As of December 2018, the Lower Platte South NRD consists of the 33 full-time staff members listed in Table 2.

In addition to the listed full-time positions, interns and seasonal employees are hired to assist with water programs and maintenance of NRD projects. LPSNRD also contracts with State Correctional System for two supervisors for work crews to perform maintenance on a number of our NRD properties.

DESCRIPTION OF THE DISTRICT

Location

LPSNRD is located in southeastern Nebraska. It encompasses the southern portion of the Lower Platte River Basin and a portion of the Nemaha River Basin (Weeping Water Watershed). The district covers approximately 1,069,803 acres and stretches from the Missouri River westward to six miles into Seward County, a distance of 64 miles at the widest point. The greatest north-south distance is 48 miles from locations north of Highway 92 in Butler and Saunders counties down to southern Lancaster County.

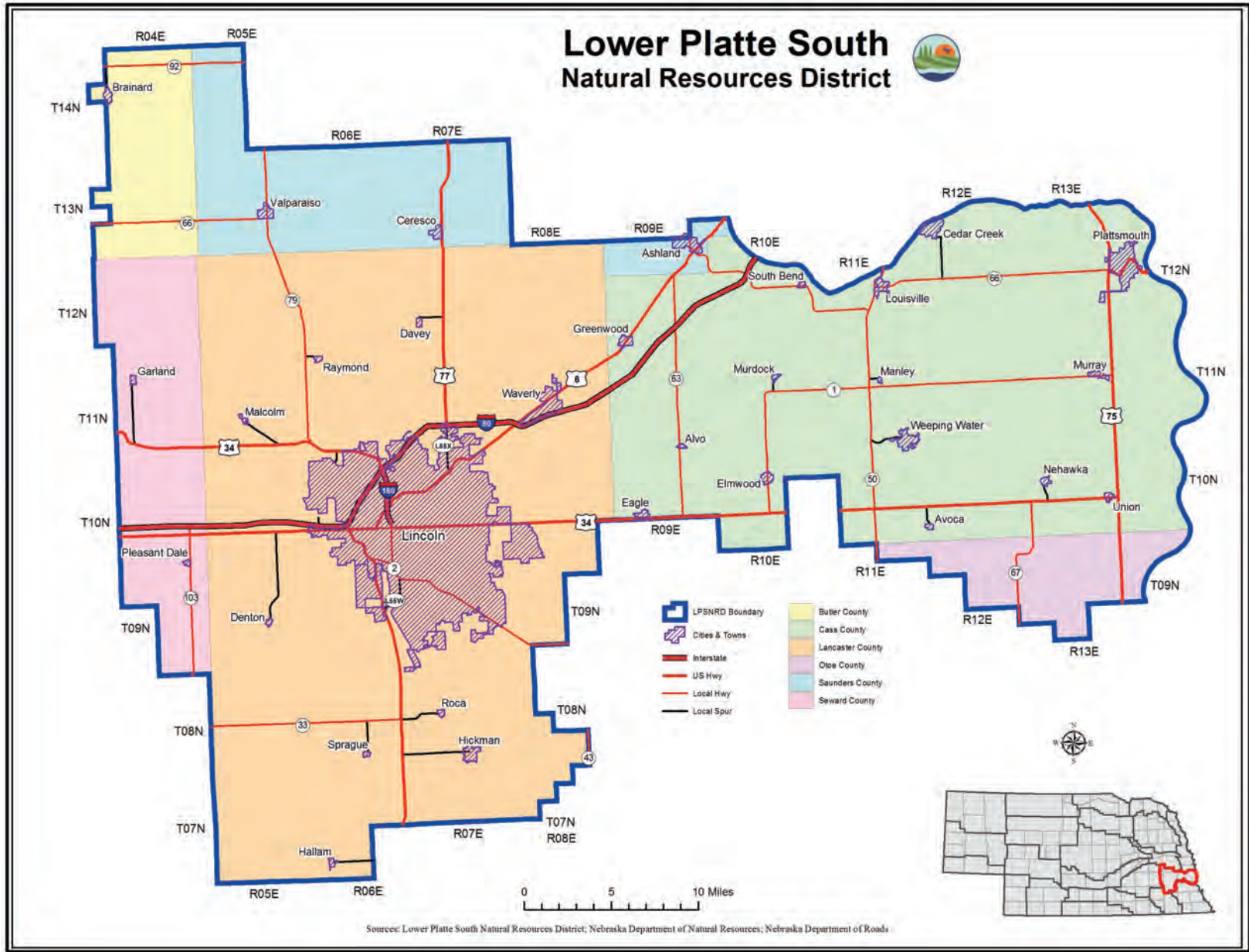
The district borders on five other NRDs: the Papio-Missouri River and the Lower Platte North NRDs to the north; Upper Big Blue NRD to the west; and the Lower Big Blue and Nemaha NRDs to the south. The district also spans parts of six counties: Lancaster, Cass, Saunders, Seward, Butler, and Otoe.

There are 31 municipalities within the district. The largest of these is Lincoln, followed by Plattsmouth, Waverly, Ashland, Hickman, Louisville, Weeping Water, and Eagle. Other communities in the district include Brainard, Valparaiso, Ceresco, Raymond, Davey, Malcolm, Denton, Sprague, Hallam, Roca, Pleasant Dale, Garland, South Bend, Murray, Elmwood, Cedar Creek, Union, Nehawka, Avoca, Manley, Alvo, Greenwood, and Murdock.

Table 2: 2018 Lower Platte South NRD Staff

ADMINISTRATIVE	
General Manager	Paul Zillig
Assistant General Manager	David Potter
Administrative Assistant	Kathy Spence
CLERICAL	
District Office Secretary/Program Assistant	Donna Reid
Receptionist/Secretary	Kathy Hauschild
District Field Office Secretary (Lancaster Co. NRCS Office)	Connie Hansen
District Field Office Secretary (Cass Co. NRCS Office)	Jean Ulrich
TECHNICAL	
Operation & Maintenance Coordinator	Al Langdale
Operation & Maintenance Technician	Craig Matulka
Resources Technician (Lancaster Co. NRCS Office)	John Albert
Resources Technician (Lancaster Co. NRCS Office)	<i>vacant</i>
Resources Technician (Cass Co. NRCS Office)	Cindy Spilinek
Stormwater/Floodplain Specialist	Kyle Hauschild
Resources Coordinator	Dan Schulz
Resources Conservationist	Ariana Kennedy
Environmental Education Specialist	McKenzie Barry
Public Information Specialist	Mike Mascoe
Water Resources Conservationist	Steve Herdzina
Water Resources Specialist	Dick Ehrman
Projects Coordinator	Ed Ubben
Information Systems Administrator	Nathan Kuhlman
GIS Specialist	Shaula Ross
Water Resources Technician	Chris Witthuhn
Operation & Maintenance Technician	Bryce Jensen
Maintenance Technician	Trent Henry
Environmental Education Assistant	Adam Sutton
ENWRA Project Coordinator (with UNL)	Katie Cameron
Bookkeeper	Connie Damrow
Water Resources Compliance Specialist	Ryan Rezac
District Engineer	Jared Nelson
Forester (with Nebraska Forest Service)	Jay Seaton
Planner	<i>vacant</i>
Corrections Crew Supervisor (Dept. of Corrections)	Doug Cheney
Corrections Crew Supervisor (Dept. of Corrections)	Sam Grove
Saline Wetlands Conservation Partnership (with Lincoln Parks)	Tom Malmstrom

Figure 1: Map of the Lower Platte South NRD



Topography and Soil

Since the recession of glaciers from the region, the relatively flat plain which the district outlines has been carved by numerous streams. The plain is also covered by a layer of loess, which is wind-transported silt of glacial origin. Loess in this area is generally only a few feet deep. However, in some areas it is up to 90 feet in depth. This loess is easily eroded if not covered by vegetation. Variations in the loess result in many kinds of soils within the district, all with different characteristics and capabilities. The soils are high in mineral content and are relatively fertile.

Surface layer soils are the most susceptible to various types of erosion. These layers are relatively unconsolidated and are more easily eroded than older layers, which are consolidated bedrock. Although some erosion will always occur, good management practices can slow the natural processes. These practices will also allow the resources to be utilized for long periods of time.

Climate

The Lower Platte South NRD is located in eastern Nebraska and considered as part of the Humid Continental Climate type as classified in the Koppen Climate Classification System. This climate is typified by great seasonal differences in temperature, and with some precipitation throughout the year. Summers are generally hot, with temperatures often topping 100 degrees Fahrenheit. Winters are cold and dry, with temperatures as low as -29 degrees Fahrenheit.

The average annual rainfall is about 30 inches and the greatest precipitation occurs between April and September. Monthly averages range between 0.64 and 4.35 inches. Average snowfall is 26 inches but can vary greatly from year to year. The average length of snow cover is 42 days. Average monthly temperatures range from a low of 24.6 degrees in January to a high of 77.6 degrees in July. The growing season (the average period between the last spring and the first fall frosts) is 162 days. The relatively high summer temperatures allow for substantial evaporation.

Small lakes and ponds in the district average 45 inches evaporation loss per year.

Vegetation

The district is in an area of prairie biome, with bluestem as the dominant native species. Along the stream courses, stands of hardwoods are common, with the two main associations being oak-hickory and cottonwood-willow.

Reports from early travelers such as Lewis and Clark in 1804 and Wislezenus in 1839 give some indication of vegetative conditions before settlement. "Along the rivers and streams, woodlands of burr oak, bitternut hickory, slippery elm, sumac, ash, box elder, hackberry, black walnut, mulberry and basswood thrived. Willow and cottonwood sprouted in many places where sandy, wet conditions existed. The prairie itself was dominated by bluestem, indiagrass and switchgrass, with many wild flowers such as sunflower, goldenrod and prairie clover."

During the process of settlement, most of the native vegetation was removed and replaced by such cultivated plants as corn, sorghum, alfalfa, soybeans, and wheat. Much of the woodlands were cleared for agricultural and firewood purposes.

Today, remnants of the original prairie can be found in scattered plots and along railroad and highway right-of-ways. Participation in the Conservation Reserve Program has helped return thousands of acres to permanent vegetation approaching its original vegetative state. Woodlands persist along stream courses, especially on the bluffs above the Platte and Missouri rivers, and in planted shelterbelts.

Saline wetlands are also located in the district. Nebraska's saline wetlands are only found within the Salt Creek Watershed that encompasses much of Lancaster and Saunders counties, and flows generally southwest to northeast before converging with the Platte River near Ashland. In an area shaped by Salt Creek and its floodplain, the saline wetlands contain a diverse mixture of habitats including saline marsh and meadows,



Whitetail deer (left) and ring-necked pheasant (right) are some of the most prevalent animals in the district

salt flats, and spring and seep fed wetlands, bisected by streams and surrounded by tallgrass prairie. Salt-loving plants found in the wetlands include sea blite, saltmarsh aster, and saltwort.

Wildlife

Three basic habitat types exist in the district and allow for a variety of wildlife. They are grasslands, woodlands, and wetlands.

Very few native prairies remain today, and a relatively small amount of woodland has persisted. Nevertheless, there are certain animals which can and do survive in this habitat. Some of the most prevalent are the whitetail deer, ring-necked pheasant, bobwhite quail, cottontail rabbit, fox squirrel, gray squirrel, coyote, turkey, and several kinds of ducks and geese. These species exist in lesser numbers: muskrat, beaver, raccoon, red fox, gray fox, badger, striped skunk, spotted skunk, opossum, weasel, blacktail jackrabbit, mink, crows, mourning doves, and occasionally eagles, hawks, and owls.

Wetlands within the district are home to many birds and insects. More than 250 species of migrating and residential birds have been documented since around 1900 in the district's unique Saline Wetlands. In addition, thousands of species of insects and other invertebrates, many of them adapted for a life among saline soils, can be found in the Saline Wetlands, including the federally endangered Salt Creek tiger beetle.

Land Use

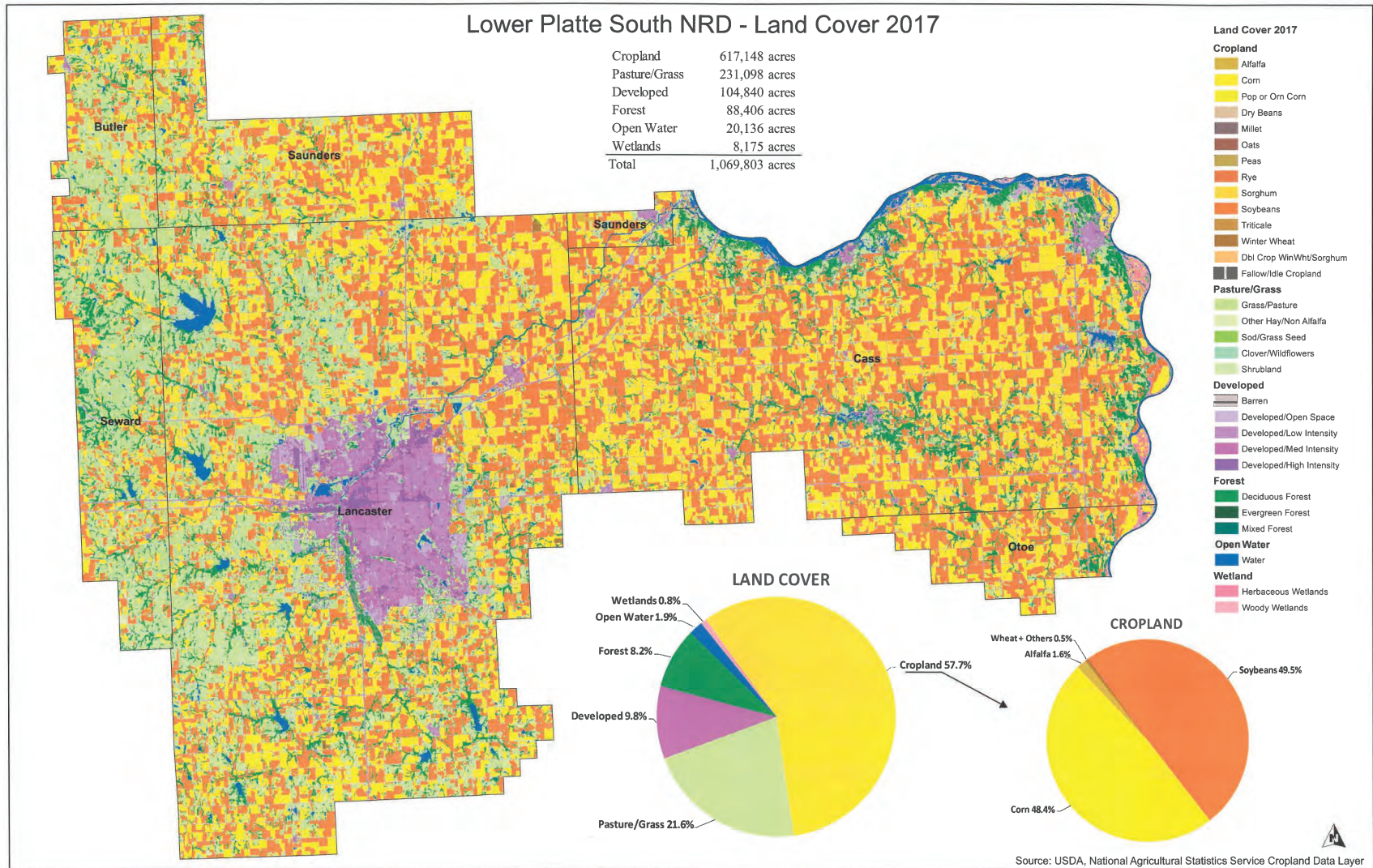
LPSNRD contains 1,069,803 acres, or approximately 2.16 percent of Nebraska's land mass (49,479,833 acres). As shown in Figure 2, the majority of the land in the district is used for crops (approximately 57.7 percent). The remaining acres comprise pasture/range, forest, and other land uses. Most of the district remains rural, as area in Lincoln's city limits (94 square miles) and other communities represent only a small percentage of the overall district. Table 3 provides a general breakdown of the district's land use based on 2017 USDA estimates.

Table 3: District Land Use Estimates

LAND USE	# ACRES	% OF DISTRICT
Cropland	617,148	57.7%
Pasture/Grass	231,098	21.6%
Forest	88,406	8.2%
Water/Wetlands	28,311	2.7%
Urban/Other (Developed)	104,840	9.8%
Total	1,069,803	100%

Agriculture will remain the predominant land use in LPSNRD, transitional agriculture is planned around Lincoln and in Cass County in areas adjacent to transportation corridors and along the river bluffs overseeing the Platte and Missouri Rivers. In Cass County mining will continue to expand where limestone deposits exist near Louisville, Wabash-Weeping Water-Nehawka.

Figure 2: LPSNRD Land Use Map



Public and quasi-public recreational use will continue, and likely expand in the Ashland-Louisville area along the Platte River.

Water Resources

The water resources of the district take two forms: surface water resources in wetlands, lakes, and streams and groundwater resources stored in permeable sand, gravel, and rock formations beneath the surface.

Surface Water

The quality of water in streams within the district is judged by the Nebraska Department of Environmental Quality (NDEQ), according to how well the water meets three goals, called “beneficial uses.” All streams in the basin are assigned the beneficial uses of Aquatic Life Support, Agricultural Water Supply, and Aesthetics and Public Health. Studies have indicated that while a “significant percentage of surface waters are listed as not fully supporting” beneficial uses, there has been much improvement “in reducing point source pollution, such as pollution originating from wastewater treatment facilities.” Reports also state that “it would be unrealistic for the public to believe that water quality degradation from nonpoint source pollution, such as stormwater runoff and streambank erosion, will ever be fully eliminated. Great strides have been made in addressing nonpoint source pollution, but much work remains to be done.”

The district operates an estimated 200 flood-control dams, the USACE operates ten multi-purpose flood control dams, and landowners operate hundreds of private dams. The resulting ponds and lakes along with streams in the district are most severely threatened by nonpoint source pollution, or storm runoff that carries sediment and harmful chemicals into virtually all surface water bodies. Given Nebraska’s heavy orientation toward agriculture, drastic improvements in surface water quality will be difficult. However, the NRD along with other agencies, has learned that some improvements can be made.

In 2017, the district began developing a district-wide Water Quality Management Plan to look more closely at the quality of water. Together with NDEQ, the plan will be developed to identify additional priority areas with the district that future projects and best management practices can be implemented to reduce the pollution in our lakes, rivers, streams, and wetlands. In the fall of 2018, Antelope Creek was removed from the impaired water bodies list for *E. coli*. This milestone is a great indicator that best management practices and projects through the district, in cooperation with other partners, is making a difference.

Groundwater

Groundwater is an important source of water in the NRD, especially for domestic uses. The District has identified six manageable groundwater reservoirs which are described in the Groundwater Management Plan.

The groundwater resources in the Platte River Valley represent the major source of drinking water for Lincoln and other communities. Recharge of groundwater supplies beneath the Platte River is affected by the amount of water flowing in the river. Continued withdrawals of stream water from the Platte and its tributaries upstream could possibly reduce the amount of water available in the aquifer for use by Lincoln and other communities in the future.

Anticipated growth in the district will require domestic water supplies. Rural water districts provide this service to nearly all of Cass and Otoe counties, and a large portion of southeast Lancaster County. Adequate domestic water supplies can be found in many of the other portions of LPSNRD. There has been some interest in new rural water districts (NRD improvement project areas) and its anticipated that interest will grow, but to this point, such systems have not proven to be economically feasible.

Population

The current population of LPSNRD is estimated at 345,000 (314,000 as of the 2010 census). The 2040 projected population is estimated to reach 443,000, an increase of 98,000 or approximately 4,210 people/year. Lancaster County projects an increase of 4,000 people per year with 90% (3,600 people/year) of that growth residing in Lincoln, 6% (240 people/year) of the growth will reside in rural/unincorporated areas, and 4% (160 people/year) will reside in the other communities. Cass County plans for growth of 210 people/year or a 0.7% annual growth.

Lincoln is the largest community in the district. Table 4 lists communities in the district with populations over 1,000, according to 2010 U.S. Census data.

Table 4: Population of Communities in District

District Community	Population
Lincoln	258,379
Plattsmouth	6,502
Waverly	3,277
Ashland	2,453
Hickman	1,657
Louisville	1,106
Weeping Water	1,050
Eagle	1,024



CURRENT RESPONSES

LPSNRD currently offers many programs and is involved in projects that help support the regulatory authority given to the NRDs by the legislature. Some of the programs are cost-share incentives, while others are educational and public awareness. District projects vary from flood-control structures to levees, and from city-NRD and joint agency interlocal agreement projects to projects solely funded by LPSNRD. In addition to the 12 NRD purposes, other regulatory acts later adopted by the legislature also guide the district in some of the programs offered and projects undertaken.

REGULATORY ACTS

There are three regulatory acts that direct the NRDs in their programs and projects.

Groundwater Management and Protection Act

This act defines broad policy goals concerning the utilization and management of groundwater, and encourages local implementation of these goals. The Act grants enough groundwater to landowners to meet reasonable and beneficial use needs, and grants authority to local Natural Resources Districts to regulate groundwater use. The Act also discusses the required contents of groundwater and integrated management plans, groundwater management areas, groundwater contamination, allocation, and permitting requirements.

Erosion and Sediment Control Act

This act represents a commitment by the State of Nebraska to reduce erosion of Nebraska lands and to reduce sedimentation and other problems that result from that erosion. The purpose of the Erosion and Sediment Control Act is to strengthen the already existing erosion and sediment control efforts of the individual landowners and of the federal, state and local governments. The Act's purpose will be accomplished by:

- Establishment of a system for the filing and processing of complaints concerning land where erosion is exceeding the soil loss limits established in accordance with the Act and whose sediment is causing damage to the complainant.
- The State and each Natural Resources District is to develop comprehensive and coordinated erosion and sediment control programs.

Nebraska Chemigation Act

The goal of this act is to protect the groundwater and surface waters of the State from contamination by fertilizers or pesticides. To accomplish this goal, the Act provided the legal requirements for the future use of chemigation as a means of nutrient or pesticide application.

The Nebraska Department of Environmental Quality (NDEQ) developed and implemented the rules and regulations necessary for irrigators to utilize the practice. Under the NDEQ rules, the natural resources districts were given the responsibility to manage the chemigation permit component that ensures that proper safety equipment is present and functioning properly.

GROUNDWATER MANAGEMENT

Groundwater Management Plan

Nebraska law requires each of the state's 23 natural resources districts (NRD) to have an active and operational Groundwater Management Plan. The Lower Platte South Natural Resources District (LPSNRD) Groundwater Management Plan is a detailed publication with information about the district, its geology, needs related to groundwater, programs, and plans.

The Groundwater Management Plan identifies three levels or phases pertaining to quality and quantity. In 1997, the entire district was declared and remains a designated Phase I Groundwater Management Area. It means LPSNRD is responsible for offering educational information to constituents about maintaining the quality and quantity of our groundwater. LPSNRD Board of Directors has designated eight Phase II Groundwater Management Areas in the district. Elevated levels of nitrates from nonpoint sources prompted all of the designations. The Elmwood Community Water System Protection Area (CWSPA) was designated a Phase III Groundwater Management Area in 2009 and is the only Phase III area in the district. Landowners or operators who make nitrogen management decisions within designated Phase III or Phase II areas may be required to attend a Nitrogen Certification Class every four years. LPSNRD will determine who needs to attend.



Irrigation is important in the district



Groundwater monitoring

LPSNRD designated the Dwight-Valparaiso-Brainard Special Management Area in 2012. The special management area designation by LPSNRD Board of Directors was in response to seasonal water level declines. There was a moratorium placed on new irrigated acres and an allocation for irrigation was adopted. The Dwight-Valparaiso-Brainard Advisory Group was formed and meets annually to discuss new information, research, and restrictions.

The various programs pertaining to the district's Groundwater Management Plan include:

- Chemigation
- Nitrogen Certification
- Reporting
- Well Permits
- Meters
- Irrigation Certification

Monitoring/Inventory

The district contracted to do our first airborne electromagnetic (AEM) flights in 2007 as the administrative agency for the Eastern Nebraska Water Resources Assessment's (ENWRA) initial pilot study program. The area covered was Firth-Hickman. Then in 2009, the district contracted to get the Sprague Area flown. The data gathered in AEM surveyed areas provided extensive information about the area's geology, aquifer characteristics, and water in storage. In 2013, Exploration Resources International (XRI), under contract with LPSNRD, gathered airborne



Airborne electromagnetic (AEM) flight over LPSNRD

electromagnetic (AEM) data in the northwestern part of the district. The project area included 99-square miles within a larger area, now called the Dwight-Valparaiso-Brainard Special Management Area. Two more AEM flights were done in 2015 (district-wide) and in 2016 (eastern portion of the district focusing on several CWSPAs).

LPSNRD's use of the AEM data is on-going. The information is intended to help landowners in project areas access data showing the depth to aquifer material, the thickness of the aquifer, and other basic information. Additional AEM planning and evaluation efforts are underway in hopes to provide more information on groundwater and the aquifers. The current 2018 project through the Eastern Nebraska Water Resources Assessment (ENWRA) is a multi-district project and is partially funded through the Water Sustainability Fund covering the western portion of the district at a one-to-two-mile grid spacing with a focus on CWSPAs and areas showing new development.

INTEGRATED MANAGEMENT

Hydrologically Connected Area

The Department of Natural Resources has identified and mapped those areas in the district where the surface water supplies are considered to be hydrologically connected to the groundwater. The current extent of these areas

is generally the alluvium along Salt Creek from Waverly to the Platte River and along the Platte to the Missouri River, totaling approximately 70-square miles. Seven public water suppliers (Lincoln Water System, Ashland, Louisville, Waverly, Metropolitan Utilities District (MUD), Cass County RWD 1, and Cass County SID #5) have wells in the hydrologically connected areas.

Integrated Management Plan

LPSNRD and the Nebraska Department of Natural Resources (NeDNR) have taken a proactive, comprehensive approach to sustaining the future water needs in the district through adoption of a voluntary Integrated Management Plan (IMP). Two other studies that provided development of the plan included the *Lower Platte South NRD Water Balance Study* and *Water for the Future: Stakeholder Perspectives*.

Some integrated management plans in Nebraska focus on management of the hydrologically connected ground and surface waters, however, the Lower Platte South plan is focused on integrating the management of all of the water supplies and uses within the entire district. Agriculture irrigation is an important water use in those areas of the district where sufficient groundwater is available but is not expected to expand significantly in the near future. With a growing urban and suburban population, domestic and commercial water uses will be both critical and challenging to satisfy.



The 2014 Integrated Management Plan and 2017 Annual Integrated Management Plan Report

The three goals in the Integrated Management Plan are to achieve a sustainable water supply, to manage the supply and make it available whenever and wherever needed, and to support water use and conservation that optimizes benefits. With limited surface water sources, highly erodible groundwater supplies and the geographic reality of the downstream location in the river basin, the IMP includes the anticipated need to look outside district boundaries to collaborate and cooperate on future water supply expansion.

The Integrated Management Plan requires an annual report of activity over the last year related to IMP goals and objectives. It also requires an annual review by LPSNRD and NeDNR of the entire plan to be held as a public meeting, where public comment on the plan is encouraged.

Lower Platte River Basin Water Management Plan

The Lower Platte River Basin is defined as all surface areas that drain into the Lower Platte River, including those areas that drain into the Loup River and the Elkhorn River and all aquifers that affect surface water flows of the basin. The total area of the Lower Platte River Basin is approximately 25,400-square miles, which encompasses both the Loup River sub-basin and the Elkhorn River sub-basin. NRDs with significant area in the basin include Lower Platte South NRD, Lower Platte North NRD, Upper Elkhorn NRD, Lower Elkhorn NRD, Upper Loup NRD, Lower Loup NRD, and Papio-Missouri River NRD (NeDNR 2017). See Figure 3.

Together with NeDNR, the seven NRDs in the Lower Platte River Basin entered into an Interlocal Cooperative Agreement in April 2013 to form the Lower Platte River Basin Water Management Plan Coalition (Coalition). The Coalition recognizes the interrelation of water resources inherent within the basin and has embarked on a critical mission to manage new uses while protecting and sustaining the long-term balance between the water uses and water supplies throughout the basin within the seven represented NRDs.

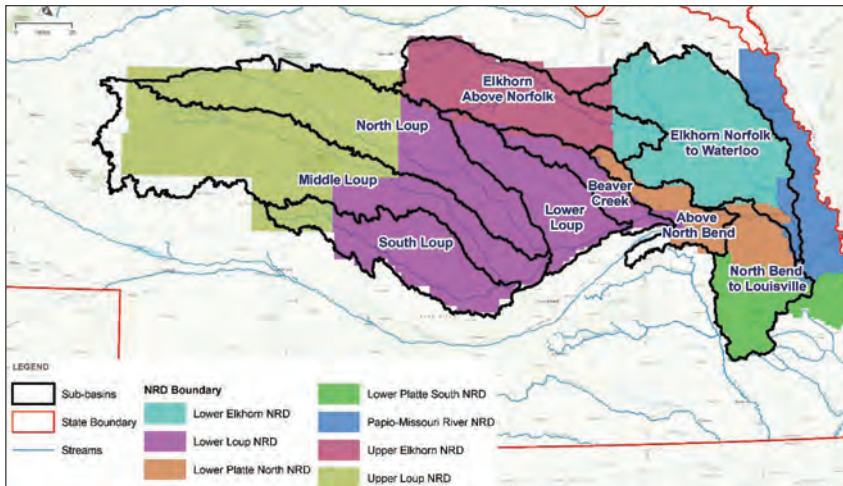


Figure 3:
The Lower Platte River Basin, as depicted in the 2017 Lower Platte River Basin Water Management Plan

In 2017, the Lower Platte River Basin Coalition, which includes the seven NRDs in the Loup, Elkhorn, and Lower Platte River Basins, and NeDNR, adopted the *Lower Platte River Coalition Basin Water Management Plan*. The plan sets criteria for managing new water development in the Lower Platte River Basin. The plan implements goals and objectives that work to protect the existing domestic, agricultural, and industrial water uses in the basin. This planning effort for the LPRDCP followed the development of the *Lower Platte River Coalition Basin Water Management Plan* to further address drought periods and address those specific times when peak demands overlap periods of low stream flows due to natural variability in the hydrologic cycle.

Lower Platte River Drought Contingency Plan

Beginning in 2016, the Lower Platte South Natural Resources District (NRD), Papio-Missouri River NRD, Lower Platte North NRD, Metropolitan Utilities District (MUD), Lincoln Water System (LWS), and NeDNR, collectively referred to as the Lower Platte River Consortium (Consortium), embarked on an effort to develop a drought contingency plan for the Lower Platte River Basin in Nebraska (*Lower Platte River Drought Contingency Plan* [LPRDCP]).

The drought-driven risks are diverse and the alternatives for resolving them were developed through this planning effort. The Lower Platte River serves approximately 80 percent of

Nebraska's population, thousands of businesses and industries, more than two million irrigated acres. The Lower Platte River provides stream flows for threatened and endangered species.

The six water management agencies that comprise the Consortium worked together to develop regional solutions to improve the water supply reliability and drought resilience of the Lower Platte River. The primary focus of the LPRDCP is to refine the Consortium's collective understanding of drought vulnerabilities, while developing more robust monitoring and forecasting tools coupled with timely triggers, new mitigation strategies, and responsive actions to create a sound, operational framework and to improve critical water supply needs of the area through drought periods.

Drought Emergency Response Plan

The district adopted the *Drought Emergency Response Plan* in March 2015. The purpose of the plan is to assist LPSNRD develop strategies to respond to and manage impacts of a multi-year drought. The plan was developed by the district as part of its IMP with input from communities and stakeholders within the district. The plan includes methods for the district, localities, agricultural, and recreational users to reduce demand during times of drought.

ASSISTANCE/COST-SHARE PROGRAMS

The Lower Platte South Natural Resource District (LPSNRD) helps landowners pay for improvements designed to enhance conservation of natural resources through our cost-sharing programs. Each year, LPSNRD cost-shares with approximately 250 landowners who make improvements to reduce soil erosion. These include creating terraces and grassed waterways on their fields, constructing sediment basins and more. These measures lead to better quality surface water. In order to provide these cost-sharing programs, we work with several other government agencies including:

- Natural Resources Conservation Service (NRCS): Formerly called the Soil Conservation Service, the NRCS is a part of the United States Department of Agriculture (USDA), a federal agency with an office in most counties. NRCS provides technical assistance with installing conservation practices, such as design and layout of projects.
- Nebraska Department of Natural Resources (NeDNR): The NeDNR is a state agency that allocates state funds to each Natural Resource District for cost-sharing on conservation practices. LPSNRD will forward some cost-share claims on to NeDNR for payment.

The amount of LPSNRD cost-sharing varies from program-to-program. Occasionally the district designates targeted areas where the cost-sharing is even higher than the listed amount to encourage best management practices in those areas.

Groundwater

There are several groundwater cost-share programs offered by the district. Whether a landowner is eligible for an LPSNRD cost-sharing program depends on the location of the land they want to improve. If the land is within a Phase II or Phase III groundwater management area (GWMA) designated by the district or a community water system protection area (CWSPA), the available cost-sharing programs and terms may be different

than if the land is outside those areas. Programs relating to groundwater include the following:

- Irrigation Management Assistant Program (pivot nozzles, re-use pits, etc.)
- Meter Program
- Fertilizer Flow Meter Program
- Soil Sampling Program
- Well Decommissioning Program

Land Treatment

Similar to groundwater, the district offers many programs to assist landowners in land treatment. Some of these treatments provide an opportunity for cost-share between the property owner and the district. Those land treatment programs include:

- Cover Crop
- Farm Pond
- Filter and Buffer Strips
- Flood Control Structure
- Surface Water Quality Best Management Practices (terraces, grassed waterways, etc.)

FORESTRY AND TREE SEEDLINGS

The Lower Platte South NRD offers two tree programs. Through our, Conservation Forestry Program, LPSNRD landowners can purchase seedling trees and shrubs for spring planting suitable for windbreaks, wildlife habitat, and many other uses. The District Community Forestry Program offers cost-sharing to various groups to buy trees to plant in communities.



Seedlings from the Conservation Forestry Program

ENVIRONMENTAL EDUCATION

The Lower Platte South NRD offers youth education services to promote and encourage curiosity about nature and the outdoors. The district provides various classroom presentations, programs, field trips, and resources.

Classroom Presentations

To help facilitate and integrate environmental education into classrooms, LPSNRD offers classroom presentations on a variety of natural resource topics. Fun activities raise environmental awareness and stress the importance of conservation. Our presentations are aligned to fit curriculum and state standards.

Field Trips

The Lower Platte South NRD offers four field trip options that allow students to apply classroom learning to nature. We provide field trips to Eastern Saline Wetlands, Nebraska Prairies, Water Quality Testing, and Platte River State Park. Each field trip is designed to fit educational curriculum while allowing students to experience first-hand what they have been learning about in the classroom.

Nature Clubs and Nights

LPSNRD understands the importance of encouraging students to learn about and explore nature, the environment, and natural resources. To help foster this belief, we offer Nature Clubs

in several of our District schools. These clubs meet after school and provide students time to be actively engaged in hands-on activities while learning about nature. Nature Club activities include making bird feeders, dissecting owl pellets, and embarking on nature scavenger hunts.

The success of the Nature Clubs has led to Family Nature Nights each fall and spring in schools across the district. These free evening events are designed for students and families to experience and connect with nature. All students in the school and their families are welcome to attend and participate in activities like potting plants, making paper, art projects, and chances to interact with live animals. Nature nights are an excellent way for a school to engage student and family learning while increasing knowledge of Nebraska's natural resources. The number of Nature Nights we can organize each year is limited.

Earth Wellness Festival

LPSNRD participates in the earth wellness festival each year. The earth wellness festival is an annual event offered to fifth-grade students of Lancaster County, Nebraska. Students attending earth wellness festival experience science as an essential and exciting part of their lives. The festival is a culminating event, reinforcing concepts introduced to students through current environmental curriculum like 4-H school enrichment.



LPSNRD offers youth education services to promote and encourage curiosity about nature and the outdoors

Programs

The many programs offered by the district are designed to benefit students and help educators meet their curriculum needs. Those programs include:

- Environmental Education Programs (Kindergarten Native Seed Kits, First Grade Worms, Second Grade Butterflies, Third Grade Trees, Fifth-Grade Earth Wellness Festival, Seventh-Grade Earth Day Kits, Seventh-Grade & High School Biology Field Trips, High School Environmental Studies Mini-Grant Program)
- Outdoor Classrooms
- Scholarship and Support
- Test Your Well Nights

SALT CREEK FLOOD REDUCTION PROJECT (SALT CREEK LEVEE)

The Salt Creek Levee System was built as part of the Salt Creek and Tributaries Flood Project in the 1960s and continues to provide risk reduction for Lincoln neighborhoods and businesses to this day. This project consists of 13.5 miles of levee along Salt Creek in Lincoln. LPSNRD is the local sponsor, which operates and maintains this (USACE) levee project. USACE inspections completed over the last few years have identified some deficiencies and maintenance needs. As a result, LPSNRD has developed a System-Wide Improvement Framework (SWIF) to address the levee system's needs over the short and long term. This effort will result in continued flood risk reduction to Lincoln's residents and businesses.

BANK STABILIZATION - URBAN CHANNELS

More than 12 miles of district stream banks have required stabilization using rip rap, gabions, concrete liners, or bio-engineering methods. The district has completed projects in Lincoln, Plattsmouth, Hickman, Ashland, and other areas of LPSNRD.



Urban stream improvement

The **1965 Agreement with Lincoln and Lancaster County** provides direction to what streams within the city and county are the responsibility of LPSNRD. According to the agreement, "the District shall be responsible for, and its responsibility within the city limits shall be limited to, the following major drainage channels (but not the tributaries thereof): Salt Creek, Beals Slough, Deadmans Run, Lynn Creek, Antelope Creek and in addition those portions of the following channels which in the future may lie within the city limits: Middle Creek, Haines Branch, Cardwell Branch, Little Salt Creek, and Stevens Creek."

FLOOD CONTROL WATERSHED PROJECTS

This project includes building dams that reduce flood damage providing flood storage and grade stabilization benefits, with 124 dams constructed so far. Partners include U.S. Department of Agriculture and the Natural Resources Conservation Service, Natural Resources Development Foundation, and the Department of Natural Resources. The many flood-control watershed projects include:

- Upper Salt
- Plattsmouth
- Oak-Middle
- North Oak
- Weeping Water
- Stevens Creek
- Camp Creek (land treatment)



Top: Aerial view Waverly/LPSNRD's Ash Hollow Dry Dam
Bottom: Union Plaza of Antelope Creek

ANTELOPE CREEK FLOOD REDUCTION PROJECT

The Antelope Creek Flood Reduction Project includes a new, vegetated water conveyance channel which will contain and convey the Antelope Creek 100-year flood flows. LPSNRD is the local sponsor that operates and maintains this USACE project. Partners for this project include University of Nebraska-Lincoln and City of Lincoln, with additional funding assistance from the State through the NRCS, Natural Resources Development Foundation, and NeDNR.

LOWER PLATTE RIVER CORRIDOR ALLIANCE

The Platte River is one of the great natural resources of Nebraska. It is the feature that attracted settlers to our State and guided the wagon trails. Today, we look at the Platte River much differently. It is a water source for cities like Lincoln and Omaha, a haven for wildlife, and a place for recreation. As development along the corridor increases, concerns related to flooding, ice jamming, endangered species, and recreation also increase.

To help address major issues and concerns along the Platte River, LPSNRD became a joint partner of the Lower Platte River Corridor Alliance in 1996. Alliance members also include Papio-Missouri River NRD and six state agencies. The Lower Platte North NRD was an original member but had recently chosen to no longer be an official member. The Alliance's primary focus is the lower portion of the Platte River that basically runs from Columbus to Plattsmouth. It winds past or through towns and cities such as Bellwood, Fremont, Waterloo, Ashland, South Bend, Cedar Creek, and Louisville. One of the Alliance's primary goals is to build a coalition between counties, communities, businesses and individuals concerned with preservation of the Platte River. Notable projects completed by the Alliance include the Water Quality Management Plan, Sandbar Dynamics Study, Cumulative Impact Study, and Platte River Obstruction Removal Projects.

FLOOD CONTROL NON-WATERSHED PROJECTS

These projects consist of 60 dams, primarily flood control dams that replace inadequate bridges on county roads through the NRD's Road Structure Program and individual flood control structures. Partnering counties include Cass, Saunders, Seward, Butler, Lancaster, and Otoe.

STREAM INTERVENTIONS

Stream interventions consist of 25 sites that utilize cost-sharing to stabilize streams. This is done by installing rock rip rap "riffle" areas to allow water to flow without causing additional erosion and bank stability problems. LPSNRD has partnered with the City of Lincoln on many of these projects as we identify sites through the basin master planning effort.

RECREATION

Based on the statutory responsibility outlined in Section 2-3229, R.R.S. 1943, LPSNRD is allowed to develop and manage recreational and park facilities. These facilities include community wetlands, trails, lakes, and wildlife management areas.

Community Wetlands

Wetlands within the district include Lincoln Saline Wetlands Nature Center, Little Salt Fork Marsh Preserve, Little Salt Springs WMA, Marsh Wren Saline Wetland, and Whitehead Saline Wetland.

Trail Corridors

Completed multi-use trail projects, consisting of nearly 50 miles, include the Mopac East, Oak Creek, and Homestead recreational trails and the Lied Bridge – Platte River Connection.

Lakes and Wildlife Management Areas

The district owns eight recreational lakes and manages seven of them. The recreational lakes include Cottontail Lake, Meadowlark, Merganser, Red Cedar, Tanglewood, Timber Point, Wild Plum, and Wildwood Lake. The Nebraska Game and Parks Commission currently manages Wildwood Wildlife Management Area. Little Salt Springs Wildlife Management Area is also classified as one of the district's community wetlands.

PUBLIC INFORMATION AND AWARENESS

The district provides public information through many avenues. LPSNRD website, LPSNRD.org, provides information on programs and projects, public use areas, the Board of Directors, staff, the fiscal budget, statutes and more. Since November of 2017, audio recordings of board meetings have been made available on the website. The district's "Know Your NRD" newsletter is published three times yearly and distributed to nearly every household in the district. Programs and projects are featured in print, radio and television advertisements throughout the year and the district maintains good working



*Top: Whitehead Saline Wetlands overlook in Lincoln, NE
Middle: Oak Creek Trail near Valparaiso, NE
Bottom: Wildwood Lake*

relationships with traditional media news outlets. Social media accounts, including Facebook and Instagram, are attracting a growing number of followers. A high percentage of those are youths and young adults. Social media podcasts featuring LPSNRD staff have recently become popular and are seen by staff as an effective way to promote programs and projects.

ADDITIONAL PLANNING

Other planning by the district provides direction for many LPSNRD projects and programs. Those additional plans include the hazard mitigation plan, erosion and sediment control program, and basin master planning.

Hazard Mitigation Plan

LPSNRD adopted the district's first Multi-Jurisdictional Hazard Master Plan in 2010. The district then updated the plan in 2015. The purpose of the plan update was to identify hazards; assess the vulnerability of each participant to the various hazards; determine potential losses associated with the hazards; examine the capabilities in place, and develop sound mitigation alternatives to reduce these vulnerabilities. Currently, the district is again in the process of updating the plan with an expected adoption date of March 2020.

Erosion and Sediment Control Program (Plan)

The district's current Erosion and Sediment Control Program was adopted in 1987 and amended in 1995 and again in 2016. LPSNRD describes in its program what it intends to do to implement the state program, including the state's goals. The district's program includes soil-loss limits for the various types of soils in the district, recommended erosion or sediment control practices and soil and water conservation practices which are suitable for controlling erosion and sediment within the district and the program procedures and methods to implement the State Erosion and Sediment Control Program.

Basin Master Planning

The City of Lincoln and LPSNRD developed a Comprehensive Watershed Management Plan for the City of Lincoln and its future growth areas. The comprehensive watershed plan was developed basin by basin, through the completion of watershed master plans for individual basins. Watershed master plans are used as planning tools to be referenced in conjunction with proposed development and as a guide in the preparation of future capital improvement projects. To date, the master plans developed together with the City of Lincoln include:

- Beal Slough
- Stevens Creek
- Southeast Upper Salt
- Deadman's Run
- Little Salt Creek
- Antelope Creek
- Haines Branch Watershed
- Middle Creek Watershed
- South Salt Creek Watershed
- Lynn Creek Watershed
- Oak Creek Watershed
- North Salt Creek Watershed

Additional basin master plans with other communities in the district include the *Waverly Watershed Master Plan*.

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DIRECTION FORWARD

FUTURE NEEDS

The Lower Platte South Natural Resources District is committed to flood protection and soil and water conservation and will not forget its origin in the two areas of flood control and soil conservation. Protecting the soil resources from abuse and erosion, whether the soils are put to agricultural, urban, recreational or industrial uses, will continue to be a priority focus of the district's technical, educational, and financial resources. Likewise, reducing the threats to property and lives from flooding will remain a top priority. The NRD, among local and state governments, is ideally structured to effectively address these critical natural resources issues. But, times have changed and will continue to change, and the NRD will evolve accordingly.

Soil conservation is an urban as well as a rural problem, and the nature of the problem has expanded from maintenance of crop-growing productivity to one of nonpoint source pollution by sediment, nutrients and chemicals. This nonpoint pollution threatens to contaminate both surface and groundwater, to fill lakes and streams with sediment, to impair recreation and fish and wildlife habitats and to cause property damage. Future district efforts must include education, financial assistance, technical assistance on the latest and most effective best management practices, and a mixture of both voluntary and regulatory application.

The traditional approaches to controlling floods with dams, channel improvements, and levees will continue to be considered where justified, but the array of nonstructural approaches will more frequently be the tools implemented. The focus on flooding problems has moved toward flood management, accepting that floods are likely to occur and developing strategies and programs to reduce property losses and threat to lives. Successful implementation of these programs require long-range planning, cooperation with other local governments, use of good science, technical assistance, education, and financial assistance.

Soil conservation and flood management, along with other resource issues, are better addressed on a more comprehensive basis -- that of regional watershed basins. Many resources issues are interrelated and can be most effectively approached with programs and projects that recognize these relationships. Flexibility and adaptation by the district will be needed to have successful programs.

The population of the district will continue to increase, with even greater percentages of the population living in the urban centers, in suburban areas, and on nonfarm acreages. The stresses and conflicts over land uses will increase, making comprehensive, long-range planning all the more necessary. The district will be involved with communities and counties in



As population growth continues, management of our natural resources remains a priority

managing these land use conflicts, developing strategies such as buffering, or clustering of uses and in impact assessments.

Most of the anticipated growth is east of Lincoln to Stevens Creek and south of Lincoln to the planned south beltway. Additional growth areas are north and west of Lincoln, infill lots in Lincoln, growth in Waverly, Hickman and Ashland, and along transportation corridors (Hwys 75 and 50 and Interstate 80 Exits 420 at Greenwood and 426 at Mahoney State Park) in Cass County, and communities such as Louisville and Plattsmouth that are in close proximity to the Omaha metro area. Incorporated communities currently occupy 109 square miles, with Lincoln occupying 95 square miles and annexing an average of 400 acres per year (0.625 sq. mi/yr).

It is anticipated that due to the 2040 Lincoln/Lancaster County Comprehensive Plan projections, LPSNRD can anticipate:

- Increased water use for domestic purposes
- The need for additional measures to protect water quality
- Major stream channels will likely require stabilization as the areas develop
- Protecting limited agricultural land will increase in priority
- Additional population will desire additional NRD assistance



LPSNRD's multi-use trails provide wildlife habitat and year-round recreational opportunities

As land use conflicts increase, threats to unique resource areas will also increase. The district alone, but more often in collaboration with other private and government organizations, is well-suited to provide protection to wetlands, native prairies, woodlands and stream corridors. Flood plain easements, conservation and preservation easements, acquisition, and local zoning regulations are some the tools available to protect such unique areas.

The demand for open space and outdoor recreational opportunities increase as the population increases. While the state and communities within the district provide many of these opportunities, the district provides for a number of recreational areas, and has the authority to develop and manage area and regional recreational spaces. Preservation of flood plains and stream corridors provide open space, woodland and wetland protection, recreational use, and reduction of future flood damages. Trails and other linear resources corridors also provide multiple opportunities.

Protection of both the quantity and quality of the district's groundwater resources will continue to be important and be of even greater importance in the future. The district will strive to ensure everyone, everywhere in LPSNRD, will have access to adequate water supplies of appropriate quality. Protection of community water supplies from depletion or contamination will continue to

be a priority focus of the district's efforts, along with maintenance of the agricultural irrigation industry. Provisions for rural water supplies and distribution systems will increase in importance as the nonagricultural, rural population grow in number and in quantity demands.

Interagency cooperation and collaboration with the private sector will be the rule rather than the exception in the future, just as it is today. Effectiveness and efficiency can best be obtained in this manner, with the different partners playing different roles in each cooperative venture. In some cases, LPSNRD will be the lead agency and in others will provide only minimal effort or support.

Innovative financing will be necessary to enable the district to maximize its responsibilities. Limitations on property taxes will require the district to seek other grants, loans, and cost-share arrangements. Financing must be reviewed on the long-term, rather than annually, to allow the district to be positioned at the proper time to implement successful programs and projects.

There have been many studies completed and models developed pertaining to the changes in our climate. LPSNRD has been monitoring these studies and anticipates changes that will affect our district and require needed changes within our programs. The district refers to much research done by the University of Nebraska-Lincoln as we recognize changes in climate. Then Vice-Chancellor Ronnie D. Green said in a publication in 2014, "As we plan for the next hundred years, a thorough understanding of our changing climate is needed. The impacts of climate variability have been visibly experienced in Nebraska and the northern Great Plains of the United States in the past decade, particularly in terms of a change in the length of the growing season and in greater variability in temperature and precipitation. Combined with the expected increase in the global population to 9.6 billion by 2050 that is expected to exert significant increased pressures on the world's water and land resources, it is particularly important to assess with all available information, what the

current models tell us regarding the potential impacts of climate change on our state and its critically important natural resources in the near future and longer term” (*Understanding and Assessing Climate change – Implications for Nebraska, UNL, September 2014*). The district must recognize changes occurring in our climate and adapt to those changes. The district should not necessarily concentrate on the cause, but rather on recognizing the effects and how to deal with change.

GOALS, DESIRED OUTCOMES, AND OBJECTIVES

The Master Plan is the document that expresses the Board of Directors’ vision of the future and shapes the direction and activities of the Lower Platte South Natural Resources District. The Board of Directors adopted a set of goals, along with desired outcomes and objectives, in 2018 which are the framework for this Master Plan. Objectives define strategies or implementation steps to attain the identified goals. Unlike goals, objectives are specific, measurable, and have a defined completion date. They are more specific and outline the “who, what, when, where, and how” of reaching the goals.

The district must be a **Conservation Leader** for the residents, landowners, businesses and governmental agencies and through example, education and programs encourage and assist them to be **Responsible Conservationists**. Working together, our natural resources will flourish.

We must adjust our attitudes and approaches to have **Sustainable Water Resources** for all purposes. Within the district the **Natural and Unique Resource Areas** must be protected and enhanced. Other goals include **Healthy Forests** and **Healthy Wildlife Habitat**.

The Board also has developed goals for management of both rural and urban lands. **Properly Managed Agricultural Lands** will benefit all natural resources and sustain the

agricultural economic base. For urban areas **Low Impact Development** should be the goal in both developing and redeveloping areas.

The district will continue to pursue the goal of **Minimal Flood Threat and Damage** to our homes, businesses, roads and bridges, and personal safety. Another goal is to ensure there are **Ample Natural-Resource-Based Recreation** opportunities for all citizens to enjoy. An overarching goal is to work towards building **Resiliency to Changing Climate** and having a **Clean Environment** for the future.

Brief descriptions of the desired outcomes from the goals for the district are provided on page 31.

GOALS AND OBJECTIVES TABLE

The tables on pages 32-36 show how the NRD’s goals tie in with the 12 statutory purposes of the Lower Platte South NRD. The tables also show a list of desired outcomes and objectives for the district. They were established by the NRD Board of Directors through a strategic planning process and a Directors’ Retreat in February 2018. The goals closely reflect responsibilities and authorities contained in the state statutes. The objectives are reflected in the district’s Long-Range Implementation Plan (LRIP) as actions to be taken toward accomplishing the goals. It should be the responsibility of each subcommittee to identify a list of measurable goals or outcomes (ie. 1-year, 10-year, etc.) for their respective subcommittee each year at the time the LRIP is being reviewed and adopted. This process would further tie the master plan in with the LRIP and budget process. Likewise, staff and the subcommittee should rate progress on each objective and measurable goal or outcome each year to identify progress being made.

Desired Outcomes from District Goals

NRD is a Conservation Leader

The Lower Platte South NRD is at the forefront of innovative conservation with its projects and programs. New conservation technology, research, demonstrations and education are utilized to promote all best management practices.

People are Responsible Conservationists

The NRD is a credible source of information on natural resources for the public and other agencies and works with schools on providing natural resources education. The public acts responsibly on natural resources and environmental issues and agencies and elected officials include natural resource concerns in their decision-making.

Sustainable Water Resources

Water resources are a priority for the NRD. The NRD acquires data about the groundwater resources, which vary across the district, to the point that the NRD has the ability to predict changes in groundwater quality and quantity. Groundwater levels are maintained and quality standards are exceeded or met for all domestic and other water uses.

Surface waters also meet or exceed water quality standards and minimum streamflows are determined and maintained for fish, wildlife, and recreational uses. All areas of hydrologically connected ground and surface water are identified, with integrated management plans developed and implemented. Wastewater meets or exceeds regulatory standards and landowners and the public all utilize best management practices.

Protected Natural and Unique Resource Areas

All remaining natural and unique resource areas are identified, assessed, and sustained or enhanced.

Healthy Forests

The forestry resources of the NRD are diversified and enhanced in urban areas. Rural forests are preserved and expanded.

Healthy Wildlife Habitat

Diverse, dispersed, and healthy wildlife populations thrive throughout the NRD. Critical habitat for endangered species is identified and managed, with appropriate Recovery Programs, and wetlands are protected and restored to full functions.

Properly Managed Agricultural Lands

Owners of all agricultural lands utilize best management practices for water quality and maintain soils at sustainable levels in accordance with their capabilities.

Low Impact Developments

All developments are compatible with and also conserve natural resources. Developments should also utilize "green" best management practices in design, construction, and landscaping.

Ample Natural-Resource Based Recreation

The NRD provides diverse, safe, outdoor recreation opportunities across the district.

Minimal Flood Threat and Damage

Flood damages are reduced or eliminated and the public safety risk from flooding is minimized. All floodplains are accurately mapped and regulated under a "no adverse impact" policy.

Resiliency to Changing Climate and Clean Environment

Best management practices for energy and conservation are everyday activities for the residents and businesses of the NRD. Local efforts will mitigate and adapt to the changing climate and with conservation measures work to protect resources. Adaptation refers to actions taken at the individual, local, regional, and national levels to reduce risks by adjusting to and moderating negative effects from even today's changed climate conditions and to prepare for impacts from additional changes projected for the future. Mitigation refers to actions, programs, and strategies to address current and potential risks and effects of changes in climate and to reduce the need for adaptation; implementation of mitigation improves long-term resilience to such changes. These definitions may change over time and LPSNRD will use federal and state regulations and/or policies to make such changes as applicable.

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
A. Sustainable Water Resources	A1. Groundwater quantity and quality is known for the entire NRD	A1a. Create interactive data bases of all hydrogeology and water quality data	6
		A1b. Implement a quality and quantity monitoring network of wells in all critical areas	
		A1c. Investigate hydrogeology where data/wells are not available	
		A1d. Develop estimates of groundwater availability, yield, and quality at all locations	
	A2. Groundwater levels stable and quality meets standards	A2a. Manage quantity and quality consistent with Groundwater Management Plans	6
	A3. Ability to predict changes in groundwater quality and quantity	A3a. Design interactive/predictive models for all geographic areas of management	6
	A4. Areas of interrelated ground and surface water are managed	A4a. Identify and map areas of interrelated ground and surface waters	6
		A4b. Implement integrated management plans for each area	
	A5. Surface waters meet or exceed water quality intended use standards	A5a. Identify and quantify source impairments of desired beneficial uses	6, 7
		A5b. Implement plans to preserve or restore desired surface water quality	
		A5c. Install monitoring network in watersheds and in-lakes/streams for water quality	
	A6. Minimum streamflows are maintained for fish, wildlife, and recreational uses	A6a. Quantify minimum streamflows for each critical stream segment	6, 7, 10
		A6b. Acquire instream flow rights on priority segments	
		A6c. Implement a program to protect and/or supplement streamflows	
		A6d. Establish a monitoring network on instream flow stream segments	
	A7. Wastewaters meet or exceed regulatory standards	A7a. Identify and evaluate all sources of wastewater and treatments	7, 8
		A7b. Develop a program to assist with improvements to meet regulatory standards	
	A8. Domestic water supplies meet or exceed regulatory standards and are of adequate quantity	A8a. Identify and evaluate all domestic water supplies and systems and quality	5, 6, 7
A8b. Develop a plan to protect and enhance existing and future domestic water supplies			
A9. Landowners/public all utilize best management practices	A9a. All water users know how much water they use for what purposes	1, 4, 5, 6, 7, 10, 12	
	A9b. All water users know the quality of their water		
	A9c. Information and education of water users on Best Management Practices		
	A9d. Promote water and energy efficient irrigation practices		

STATUTORY PURPOSES

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> 1. Erosion prevention and control 2. Prevention of damages from flood water and sediment 3. Flood prevention and control 4. Soil conservation 5. Water supply for any beneficial uses | <ul style="list-style-type: none"> 6. Development, management, utilization and conservation of groundwater and surface water 7. Pollution control 8. Solid waste disposal and sanitary drainage 9. Drainage improvement and channel rectification | <ul style="list-style-type: none"> 10. Development and management of fish and wildlife habitat 11. Development and management of recreational and park facilities 12. Forestry and range management |
|---|---|--|

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
B. Low Impact Developments	B1. Developments are compatible with and conserve the site's natural resources and use "green" BMPs	B1a. Include open space in all new residential and commercial developments	1 - 7, 9, 10, 12
		B1b. Water-wise landscaping planted in new developments	
		B1c. Integrate stormwater quantity and quality BMPs into all existing and new developments	
		B1d. Require cluster development and shared infrastructure in rural areas	
		B1e. Educate developers and homeowners on "green" BMPs for developments	
		B1f. Require detailed analysis of water supply availability and quality in rural developments	
		B1g. Utilize conservation easements to protect open spaces and natural areas in new developments	
		B1h. Water practices in new developments meet or exceed regulatory standards	
C. Minimal Flood Threat and Damage	C1. All floodplains have been accurately mapped	C1a. Utilize newest photography, topography, and models to digitally map floodplains	2, 3
		C1b. Update floodplain maps periodically with land use and other changes	
	C2. Floodplains are regulated under a "no adverse impact" policy	C2a. Assist cities and counties to revise ordinances to incorporate "no adverse "impact" policy	2, 3
		C2b. Assist cities and counties to revise ordinances where appropriate require no net rise/no net loss of storage	
	C3. Public safety risk from flooding is minimized	C3a. Install and operate flood warning systems in critical areas	2, 3
		C3b. Assist in development of flood response plans in place for all communities and counties	
		C3c. Monument floodplain boundaries in key areas	
		C3d. Assist in establishment of buyer notification of floodplain risks	
		C3e. Educate public about flood threats and response plans	
	C4. Flood damages are reduced or eliminated	C4a. Cooperate in programs to retain floodplains as open space in new developments	2, 3
		C4b. Acquire and hold conservation easements to preserve critical floodplains	
		C4c. Assist in revision to Lincoln's existing urban area ordinances to include storage no rise pensatory	
C4d. Acquire and relocate high-risk structures from floodplains			
C4e. Assist in ordinances to require new subdivisions to absorb their stormwater quantity impacts			
C4f. Implement cost-effective and environmentally sound flood storage projects to reduce existing and future flood impacts			

STATUTORY PURPOSES

- | | | |
|--|---|--|
| 1. Erosion prevention and control | 6. Development, management, utilization and conservation of groundwater and surface water | 10. Development and management of fish and wildlife habitat |
| 2. Prevention of damages from flood water and sediment | 7. Pollution control | 11. Development and management of recreational and park facilities |
| 3. Flood prevention and control | 8. Solid waste disposal and sanit ary drainage | 12. Forestry and range management |
| 4. Soil conservation | 9. Drainage improvement and channel rectification | |
| 5. Water supply for any beneficial uses | | |

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
D. Protected natural and unique resource areas	D1. Natural and unique resource areas are identified, assessed, and sustained or enhanced	D1a. Identify the location and extent of natural and unique resources areas	10, 12
		D1b. Conduct environmental baseline assessments of natural and unique resource areas	
		D1c. Monitoring program established to assess changes in resources	
		D1d. Programs are developed to respond to changes in resources on natural and unique resource areas	
		D1e. Ownership or conservation easements are secured over natural and unique resource areas	
		D1f. Educate public on the value of natural and unique areas	
E. Ample natural-resource based recreation	E1. Diverse outdoor recreation opportunities available across the NRD	E1a. New developments incorporate new or replace existing recreation opportunities	11
		E1b. Development of recreation trails connecting communities and significant destinations	
		E1c. NRD projects provide public access where it is appropriate and feasible	
		E1d. Inspect and maintain recreation areas to be safe, clean and attractive	
		E1e. Highlight natural resources education at NRD public access areas	
F. Properly managed agricultural lands	F1. Best management practices utilized on all agricultural lands	F1a. Conservation plans implemented on all agricultural lands	1 - 7, 9, 10, 12
		F1b. Agriculture producers use energy-efficient practices	
	F2. Soil losses at or less than sustainable levels	F2a. Treat and manage all lands to soil losses to less than sustainable levels ("T" rates)	1, 4, 7
	F3. Agricultural lands managed according to their soil survey capabilities	F3a. Identify prime agricultural lands and protect from conversion to other uses	1 - 4, 7, 10, 12
		F3b. Educate land users and public officials about soil capabilities and restrictions	
	G. Healthy forests	G1. Urban forests are diversified and enhanced	G1a. New developments include trees/shrubs on streets and public lands
G1b. Trees are replaced and diversified in existing urban areas on public lands			
G2. Rural forestry is expanded in diversity and scope		G2a. Preserve and enhance wooded riparian corridors	10, 12
		G2b. Windbreak, energy conservation and wildlife plantings on all rural home sites	

STATUTORY PURPOSES

- | | | |
|---|--|--|
| <ol style="list-style-type: none"> 1. Erosion prevention and control 2. Prevention of damages from flood water and sediment 3. Flood prevention and control 4. Soil conservation 5. Water supply for any beneficial uses | <ol style="list-style-type: none"> 6. Development, management, utilization and conservation of groundwater and surface water 7. Pollution control 8. Solid waste disposal and sanit ary drainage 9. Drainage improvement and channel rectification | <ol style="list-style-type: none"> 10. Development and management of fish and wildlife habitat 11. Development and management of recreational and park facilities 12. Forestry and range management |
|---|--|--|

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
H. People are responsible conservationists	H1. NRD is a credible source of information on natural resources	H1a. Public views and uses NRD as a credible source of information H1b. NRD prepares and directs information on natural resources to the public	1 - 12
	H2. Public is knowledgeable on natural resources and environmental issues	H2a. Public becomes conservation-minded in their actions H2b. Educate the public about conservation issues resulting in responsible actions	1 - 12
	H3. Agencies and elected officials include natural resources concerns in decision-making	H3a. NRD serve as an advisor to agencies/officials on natural resources H3b. Agencies/officials include natural resource factors in decisions	1 - 12
	H4. Schools provide natural resources education	H4a. Outdoor classrooms are available to students in all grade levels in all schools H4b. Environmental / natural resources curriculum taught at all grade levels in all schools	1 - 12
I. Healthy wildlife habitat	1. Diverse, dispersed, healthy wildlife populations	I1a. Identify suitable habitats for wildlife throughout NRD	10
		I1b. Protect and restore critical habitats/corridors particularly riparian areas	
		I1c. Protect surface water quality in lakes, wetlands, and streams	
		I1d. Public aware and supportive of wildlife habitat protection	
	2. Critical habitat for endangered species managed	I2a. Identify and map designated critical habitat for all endangered species	10
		I2b. Develop and implement recovery programs for each endangered species	
		I2c. Develop and implement Habitat Conservation Plans as appropriate	
3. Saline wetlands and prairies protected and restored to full functions	I3a. All freshwater and saline wetlands delineated, classified and mapped	1 - 7,10	
	I3b. Critically sensitive wetlands acquired in fee or by easement by the public		
	I3c. Key wetlands restored to their full function		

STATUTORY PURPOSES

- | | | |
|--|---|--|
| 1. Erosion prevention and control | 6. Development, management, utilization and conservation of groundwater and surface water | 10. Development and management of fish and wildlife habitat |
| 2. Prevention of damages from flood water and sediment | 7. Pollution control | 11. Development and management of recreational and park facilities |
| 3. Flood prevention and control | 8. Solid waste disposal and sanit ary drainage | 12. Forestry and range management |
| 4. Soil conservation | 9. Drainage improvement and channel rectification | |
| 5. Water supply for any beneficial uses | | |

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
J. Resiliency to changes in climate and clean environment	J1. Mitigation of and adaptation to changes in climate	J1a. Recognize that mitigation of and adaptation to changes in climate are consistent with NRD statutory purposes	1 - 7,9-12
		J1b. Board and staff study the scientific consensus on the effect of changes in climate on our region in general and Nebraska in particular.	
		J1c. Continually consider the effect of changes in climate when initiating new NRD programs, and when making changes in existing programs	
		J1d. Implement programs and practices that will improve carbon capture potential of land resources as a mitigation tool	
J2. Energy and conservation practices are everyday activities		J2a. Increase proportion of materials that are recycled and reused	7,8
		J2b. Construct buildings and infrastructure to use sustainable materials and techniques	
		J2c. Energy-efficient and low polluting vehicles become standard.	
K. NRD is a conservation leader	K1. NRD at the forefront of innovative conservation	K1a. NRD conservation programs and projects utilize leading edge conservation technology	1 - 12
		K1b. Utilize research, demonstrations, and education to promote use of better BMPs by the public and agencies	
		K1c. Promote use of sustainable products and practices in construction of NRD projects	

STATUTORY PURPOSES

- | | | |
|---|--|--|
| <ol style="list-style-type: none"> 1. Erosion prevention and control 2. Prevention of damages from flood water and sediment 3. Flood prevention and control 4. Soil conservation 5. Water supply for any beneficial uses | <ol style="list-style-type: none"> 6. Development, management, utilization and conservation of groundwater and surface water 7. Pollution control 8. Solid waste disposal and sanit ary drainage 9. Drainage improvement and channel rectification | <ol style="list-style-type: none"> 10. Development and management of fish and wildlife habitat 11. Development and management of recreational and park facilities 12. Forestry and range management |
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LOWER PLATTE SOUTH
natural resources district

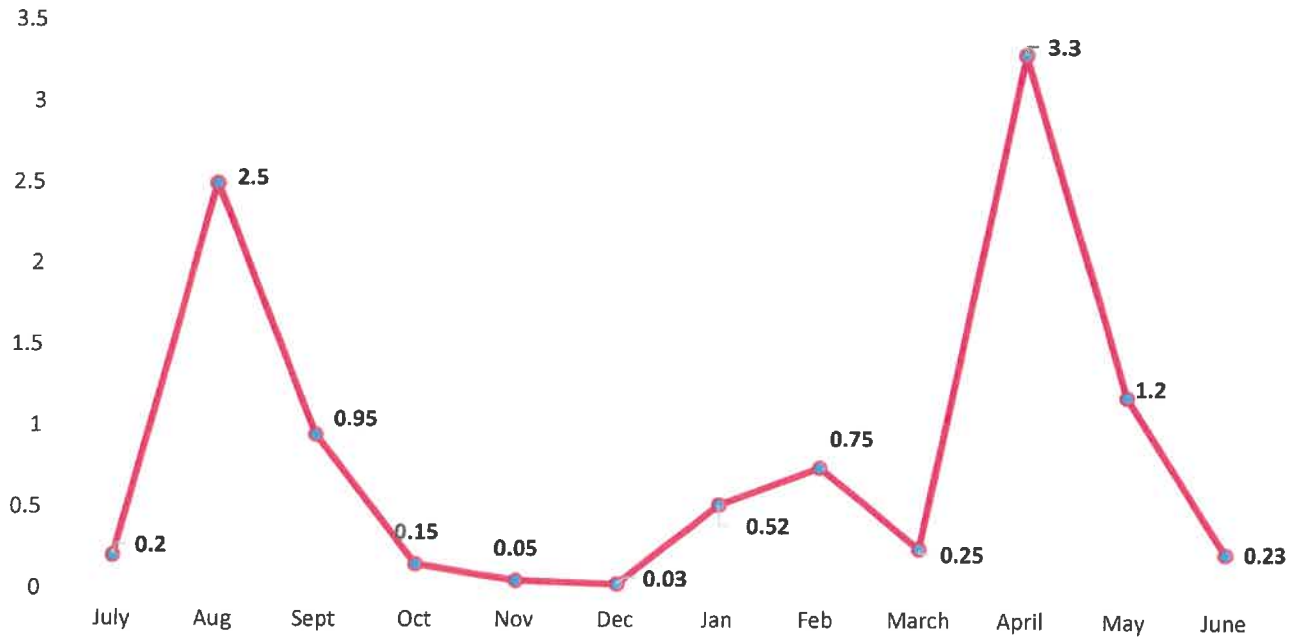
Lower Platte South NRD
PO Box 83581
3125 Portia Street
Lincoln, NE 68521
402-476-2729
www.lpsnrd.org



Section 7

Financials

**NRD PROPERTY TAX REVENUE RECIEVED
FY '23-\$10M**



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(November 30, 2022)

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**Lower Platte South NRD
Balance Sheet
As of November 30, 2022**

ASSETS

CURRENT ASSETS

Totals

Bank Accounts

105050 NPAIT #1 (General)	6,549,666.56
105057 NPAIT #7 (DMR)	4,187,625.74
105070 NPAIT #8 (ENWRA)	155,106.88
105090 NPAIT #6 (LPRCA)	418,979.54
105100 NPAIT #9 (Infrastr Sinking Fund)	314,392.00
105115 NPAIT #11 (Mopac East Sinking Fund)	311,734.91
105120 NPAIT #14 (Salt Creek Resiliency Sinking Fund)	606,851.49
106000 General Union Bank	3,550,598.24
106010 Payroll Union Bank	52,184.41
106030 LPRCA Union Bank	55,266.41
106040 ENWRA Union Bank	167,305.37
107001 CDARS General (NPAIT) In Dec 2018 moved from CDARS to NPAIT	1,550,966.08
107003 CD - CDARS DMR UBT	1,060,155.36
107004 CDARS Infrastructure In Dec 2018 moved from CDARS to NPAIT	110,193.16

Total Bank Accounts	\$ 19,091,026.15
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Accounts Receivable

120000 Reimbursable Project Costs	141,606.01
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Total Accounts Receivable	\$ 141,606.01
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Total Current Assets	\$ 19,232,632.16
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FIXED ASSETS

*161010 Land	22,360,905.07
*161020 Land Improvement	45,987,339.30
*161080 Office Property	43,970.37
*161109 Deadmans Run - Construction In Progress	905,165.17
*161110 Projects - Construction In Progress	440,828.10
*161111 Antelope Creek -Construction In Progress	138,205.65
*163010 Building	2,944,909.08
*165010 Machinery and Equipment	563,616.00
*167010 Automobile and Trucks	588,227.80
*169010 Office Equipment	200,716.25
171010 Less Accumulated Depreciation	-8,716,295.99

Total Fixed Assets	\$ 65,457,586.80
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OTHER ASSETS

*183100 Cash - County Treasurers	182,117.57
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*184100 Accounts Receivable - Property Taxes	4,234,490.28
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Total Other Assets	\$ 4,416,607.85
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TOTAL ASSETS	\$ 89,106,826.81
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*OK
RJR
12/16/22*

**Lower Platte South NRD
Balance Sheet
As of November 30, 2022**

LIABILITIES AND EQUITY

CURRENT LIABILITIES

201000 Accounts Payable	121,512.62
201200 Credit Card Payable	5762.76
Total Credit Cards	127,275.38

Other Current Liabilities

201010 Accounts Payable Retainage	142,260.41
202500 Accrued Federal W/H	44,500.95
203000 Accrued State W/H	7,683.46
208000 Accrued Comp Time	184,824.08
208050 Accrued Hryl Wages	2,804.58
210040 LPRCA Funds Held by LPSNRD	474,235.23
210050 NWRA Funds held by LPSNRD	322,412.25
211000 Farm Pond Reimbursement	3,000.00
211001 Property Insurance Claims	6,125.38
211002 Automobile Insurance Claim	1,028.25
213000 Nebraska Department of Revenue Payable	2,195.11

Total Other Current Liabilities	\$ 1,191,069.70
Total Current Liabilities	\$ 1,318,345.08

Equity

254500 Fund Balance	87,204,346.36
299998 Retained Earnings	0.00
Net Income	584,135.37

Total Equity	\$ 87,788,481.73
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TOTAL LIABILITIES AND EQUITY	\$ 89,106,826.81
-------------------------------------	-------------------------

* Amounts Change at Fiscal Year-End Only

*OK
FDZ
12/6/22*

Lower Platte South NRD
Statement of Revenue and Disbursements Compared with Annual Budget for Fiscal Year 2023
7/1/22-11/30/22

	Total			
	Y-T-D Actual	Annual Budget	Remaining	% of Budget
REVENUE				
1 STATE GRANTS AND FUNDS				
301050 Buffer Strips Program	13,965.42	38,000.00	24,034.58	36.75%
301250 Water Well Decommissioning Fund (GW BMPs)	1,753.00	2,000.00	247.00	87.65%
301260 Water Sustainability Fund	48,333.00	247,500.00	199,167.00	19.53%
301270 ENWRA Project	0.00	108,000.00	0.00	0.00%
301343 Deadmans Run (WSF)	0.00	2,598,000.00	2,598,000.00	0.00%
301850 NE Water Quality Fund	9,977.45	0.00	0.00	0.00%
301720 Lower Platte River Corridor Alliance (Coordinator)	0.00	5,000.00	5,000.00	0.00%
Total 1 STATE GRANTS AND FUNDS	\$ 74,028.87	\$ 2,998,500.00	2,924,471.13	2.47%
2 LOCAL FUNDS				
302011 NRDs, LPRCA (Coordinator)	0.00	2,000.00	2,000.00	0.00%
302014 NRDs. LPRCA projects	0.00	126,200.00	126,200.00	0.00%
302032 Landowners & Communities, GW BMPs	100.00	11,090.00	10,990.00	0.90%
302043 DMR Master Plan	0.00	1,092,000.00	1,092,000.00	0.00%
302044 General Projects Master Plan	1,066.86	781,000.00	779,933.14	0.14%
302045 Salt Cr Flood Warning System	11,370.00	25,000.00	13,630.00	45.48%
302081 Tree Planting Landowners	7,261.26	42,250.00	34,988.74	17.19%
302145 Trail User Donations	2,781.10	3,000.00	218.90	92.70%
302148 ENWRA Office Dues	0.00	5,000.00	5,000.00	0.00%
302150 Salt Cr Levee Trail	0.00	5,000.00	5,000.00	0.00%
302165 Non Basin Master Plan	0.00	50,000.00	50,000.00	0.00%
302175 Prairie Corridor Conservation Easement	0.00	513,300.00	513,300.00	0.00%
302185 Wetland O&M Reim	0.00	7,000.00	7,000.00	0.00%
302195 Salline Wetlands Partnership	0.00	2,000.00	2,000.00	0.00%
302501 Pumper Unit Reimbursement	0.00	10,000.00	10,000.00	0.00%
302502 WSCC Fuse Plug Reimbursement	0.00	11,713.00	11,713.00	0.00%
302705 ENWRA Dues	0.00	152,350.00	152,350.00	0.00%
Total 2 LOCAL FUNDS	\$ 22,579.22	\$ 2,838,903.00	2,816,323.78	0.80%
3 FEDERAL GRANTS AND FUNDS				
303048 Little Salt Springs Salline Wetland	0.00	10,000.00	10,000.00	0.00%
303140 LPRCA Water Quality	0.00	12,000.00	12,000.00	0.00%
303220 Watershed Structures Rehabilitation	0.00	25,000.00	25,000.00	0.00%
303222 Sec 319 Watershed Protection	0.00	132,000.00	132,000.00	0.00%
303252 NACD Technical Ass't Grant	32,502.40	61,600.00	29,097.60	52.76%
303332 FEMA Disaster Relief	49,453.58	1,615,727.00	1,566,273.42	3.06%
303782 Windbreak Renovation Program	0.00	15,000.00	15,000.00	0.00%
303783 Section 319 Grant Drinking Water Protection Specialist	0.00	60,000.00	60,000.00	0.00%
303784 WMA Cottontail (Woody Veg)	0.00	45,000.00	45,000.00	0.00%
303785 NACD Grant PR Reimbursement	2,276.60	2,000.00	2,000.00	113.83%
Total 3 FEDERAL GRANTS AND FUNDS	\$ 84,232.58	\$ 1,978,327.00	1,894,094.42	4.26%
3.1 Interest Income.				
310000 Interest Income	115,412.33	125,000.00	125,000.00	92.33%
310050 Interest Income (ENWRA)	1,846.01	0.00	-1,846.01	0.00%
310090 Interest Income (LPRCA)	4,273.63	0.00	-4,273.63	0.00%
Total 3.1 Interest Income.	\$ 121,531.97	\$ 125,000.00	3,468.03	97.23%
306000 General Property Taxes - General Fund	3,803,475.18	10,156,870.00	6,353,394.82	37.45%
311000 Miscellaneous	0.00	0.00	0.00	0.00%
TOTAL REVENUE	\$ 4,105,847.82	\$ 18,097,600.00	13,991,752.18	22.69%

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	Y-T-D Actual	Annual Budget	Remaining	% of Budget
DISBURSEMENTS				
4 PERSONNEL COSTS				
4.1 Salaries-Clerical				
Total 4.1 Salaries-Clerical	\$ 86,888.00	\$ 233,531.00	146,643.00	37.21%
4.2 Salaries-Administrative				
Total 4.2 Salaries-Administrative	\$ 158,947.50	\$ 381,474.00	222,526.50	41.67%
4.3 Salaries-Technical				
Total 4.3 Salaries-Technical	\$ 784,471.47	\$ 1,921,002.00	1,136,530.53	40.84%
4.4 Maintenance & Construction				
460001 Dept of Corrections Agreement	68,886.78	225,000.00	156,113.22	30.62%
460002 Fuel and Supplies	6,834.17	30,000.00	23,165.83	22.78%
Total 4.4 Maintenance & Construction	\$ 75,720.95	\$ 255,000.00	179,279.05	29.69%
4.5 Employee Benefits				
Total 4.5 Employee Benefits	\$ 271,745.58	\$ 695,850.00	424,104.42	39.05%
415070 Continuing Education Assistance	357.00	15,000.00	14,643.00	2.38%
409001 Directors Per Diem	13,960.00	59,000.00	45,040.00	23.66%
435001 Payroll Taxes	77,624.80	195,000.00	117,375.20	39.81%
Total 4 PERSONNEL COSTS	\$ 1,469,715.30	\$ 3,696,857.00	2,227,141.70	39.76%
OPERATING COSTS				
405001 Auto & Truck Expense	29,574.07	70,000.00	40,425.93	42.25%
407001 Directors Expenses	3,610.23	40,000.00	36,389.77	9.03%
413001 NARD Dues	42,505.22	42,505.00	-0.22	100.00%
413005 NACD Dues	1,800.00	1,800.00	0.00	100.00%
413007 NWRA Dues	0.00	3,500.00	3,500.00	0.00%
413010 Lincoln Chamber of Commerce	1,030.00	1,100.00	70.00	93.64%
413021 Dues/Membership misc	517.00	4,200.00	3,683.00	12.31%
417001 Personnel Expenses	12,309.49	50,000.00	37,690.51	24.62%
419005 Directors Election	0.00	30,000.00	30,000.00	0.00%
420001 County Collection Fees	37,378.43	101,569.00	64,190.57	36.80%
423001 Treasurer Bond, et al	0.00	1,300.00	1,300.00	0.00%
423005 Notary Public Bond	0.00	140.00	140.00	0.00%
425001 Commercial Package Insurance	68,238.00	73,000.00	4,762.00	93.48%
425003 Umbrella Liability Insurance	45,473.00	54,000.00	8,527.00	84.21%
425005 Directors/Staff Liability Insurance	1,893.00	2,500.00	607.00	75.72%
431001 Legal Notice	2,051.22	7,000.00	4,948.78	29.30%
433001 Office Supplies	9,393.03	25,000.00	15,606.97	37.57%
433002 Hardware/Computers	25,694.65	54,970.00	29,275.35	46.74%
433003 Office Machine Rentals and Maintenance	11,798.03	29,000.00	17,201.97	40.68%
433004 Data Storage/Retrieval System (scanning)	6,404.00	6,500.00	96.00	98.52%
433005 Computer Software	22,340.98	47,392.00	25,051.02	47.14%
433007 Computer Maintenance and Telecom	20,869.60	71,044.00	50,174.40	29.38%
433008 Training/certification	989.00	9,800.00	8,811.00	10.09%
433100 Office Furnishings	195.96	6,000.00	5,804.04	3.27%
437001 Postage	3,000.00	7,500.00	4,500.00	40.00%
439010 Attorney Retainer & Fees	32,860.28	110,000.00	77,139.72	29.87%
439035 Architect (Office)	0.00	25,000.00	25,000.00	0.00%
439040 Accounting	2,400.00	6,000.00	3,600.00	40.00%
439045 Audit	20,500.00	35,000.00	14,500.00	58.57%
439050 Lobbyist	0.00	15,000.00	15,000.00	0.00%
439060 Wage and Salary Consultanat	0.00	1,000.00	1,000.00	0.00%
439070 Director's Planning/Continuing Education	0.00	19,000.00	19,000.00	0.00%
439075 Database Management	9,035.00	51,000.00	41,965.00	17.72%
439090 Bank Services.	602.96	3,000.00	2,397.04	20.10%
452001 Telephone	18,517.45	45,000.00	26,482.55	41.15%
453001 Utilities	7,286.82	29,000.00	21,713.18	25.13%
463001 Building Maintenance	25,315.89	120,000.00	94,684.11	21.10%
473001 Taxes on properties	0.00	4,184.00	4,184.00	0.00%
480000 Depreciation Expenses	323,426.90	0.00	-323,426.90	0.00%
763010 Buildings	0.00	900,000.00	900,000.00	0.00%
765010 Machinery and Equipment.	32,644.00	70,000.00	37,356.00	46.63%
767010 Automobiles and Trucks	0.00	50,000.00	50,000.00	0.00%
769010 Office Equipment.	5,095.52	47,500.00	42,404.48	10.73%
TOTAL OPERATING COSTS	824,749.73	2,270,504.00	1,445,754.27	36.32%

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	Y-T-D Actual	Annual Budget	Remaining	% of Budget
5 PROJECT COSTS				
06 INFORMATION & EDUCATION				
421015 I & E Programs & Projects	911.71	22,500.00	21,588.29	4.05%
421021 I & E Environmental Education	55,554.78	187,800.00	132,245.22	29.58%
421023 I & E General Awareness	47,637.16	199,200.00	151,562.84	23.91%
Total 06 INFORMATION & EDUCATION	\$ 104,103.65	\$ 409,500.00	305,396.35	25.42%
07 LAND BEST MANAGEMENT PRACTICES				
419302 GIS Support	14,000.00	14,000.00	0.00	100.00%
419304 GIS Aerial Imagery Project	2,432.00	23,000.00	20,568.00	10.57%
419306 GIS Mapping ROW	0.00	10,000.00	10,000.00	0.00%
470010 Surface Water Quality Practices	133,947.82	1,000,000.00	866,052.18	13.39%
470012 Special Practices	63,260.71	75,000.00	11,739.29	84.35%
470014 Buffer Strips	7,543.57	42,500.00	34,956.43	17.75%
470023 Targeted Areas Salt Valley Lakes	0.00	200,000.00	200,000.00	0.00%
470025 Targeted Areas Stevens Creek	0.00	75,000.00	75,000.00	0.00%
470027 Targeted Areas Cover Crop	0.00	125,000.00	125,000.00	0.00%
470028 Water Quality BMP Projects	0.00	220,000.00	220,000.00	0.00%
Total 07 LAND BEST MANAGEMENT PRACTICES	\$ 221,184.10	\$ 1,784,500.00	1,563,315.90	12.39%
08 PLATTE RIVER				
419002 LPRCA Coordinator/Operations	4,430.72	5,010.00	579.28	88.44%
419003 Lower Platte River Corr Consultant	10,300.00	25,000.00	14,700.00	41.20%
419006 LPRCA Programs/Projects	71,400.00	126,200.00	54,800.00	56.58%
419008 Platte River Ice Jam Agreement	0.00	22,500.00	22,500.00	0.00%
419009 Endangered Species	0.00	5,000.00	5,000.00	0.00%
419010 Lower Platte River Instream Flow Study	0.00	10,000.00	10,000.00	0.00%
419012 NE Land Trust Agreement	0.00	50,000.00	50,000.00	0.00%
419013 Water Quality Management Plan	0.00	63,000.00	63,000.00	0.00%
419014 LPRCA Net Income (Loss)	-71,557.09	0.00	71,557.09	0.00%
419016 Invasive Species Programs	0.00	30,000.00	30,000.00	0.00%
419020 Western Sarpy/Clear Creek Project O&M	0.00	50,000.00	50,000.00	0.00%
419021 LPRCA Program Reimbursements	0.00	53,500.00	53,500.00	0.00%
419022 LPRCA Dues	0.00	1,000.00	1,000.00	0.00%
Total 08 PLATTE RIVER	\$ 14,573.63	\$ 441,210.00	426,636.37	3.30%
09 TRAILS/CONSERVATION CORRIDORS				
447053 Plattsomouth Hwy 75 Trail Bridge	0.00	60,000.00	60,000.00	0.00%
447054 Trail Administration	0.00	3,000.00	3,000.00	0.00%
447055 Oak Creek Trail O & M	11,829.52	98,500.00	86,670.48	12.01%
447056 CAP Valparaiso Gazebo	0.00	14,000.00	14,000.00	0.00%
447060 Mopac Trail O & M	36,699.53	769,500.00	732,800.47	4.77%
447065 Homestead Trail O & M	17,778.05	911,200.00	893,421.95	1.95%
720200 Salt Creek Trail	0.00	79,000.00	79,000.00	0.00%
720300 Oak Cr Trail Planning/Development	0.00	100,000.00	100,000.00	0.00%
Total 09 TRAILS/CONSERVATION CORRIDORS	\$ 66,307.10	\$ 2,035,200.00	1,968,892.90	3.26%
10 WILDLIFE MANAGEMENT AREAS..				
464010 Wildlife Management Areas.	26,401.74	255,600.00	229,198.26	10.33%
Total 10 WILDLIFE MANAGEMENT AREAS..	\$ 26,401.74	\$ 255,600.00	229,198.26	10.33%
11 HABITAT IMPROVEMENT				
469019 Diversify Grassland	10,000.00	70,000.00	60,000.00	14.29%
Total 11 HABITAT IMPROVEMENT	\$ 10,000.00	\$ 70,000.00	60,000.00	14.29%
12 CONSERVATION EASEMENTS...				
447066 PCHB O&M/Project Coordination	44,387.21	638,800.00	594,412.79	6.95%
730200 Prairie Corridor on Haines Branch	0.00	500,000.00	500,000.00	0.00%
730250 Conservation Easements..	0.00	100,000.00	100,000.00	0.00%
Total 12 CONSERVATION EASEMENTS...	\$ 44,387.21	\$ 1,238,800.00	1,194,412.79	3.58%

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	Y-T-D Actual	Annual Budget	Remaining	% of Budget
13 WETLANDS.				
419226 Saline Wetlands Partnership Suppor	0.00	490,000.00	490,000.00	0.00%
469040 Section 404 Monitoring.	0.00	6,000.00	6,000.00	0.00%
469041 Wetlands O & M	16,186.57	150,000.00	133,813.43	10.79%
730300 Saline Wetland Cons Easement	0.00	200,000.00	200,000.00	0.00%
Total 13 WETLANDS.	\$ 16,186.57	\$ 846,000.00	829,813.43	1.91%
14 TREE PLANTING				
419001 NRD Forester	0.00	33,000.00	33,000.00	0.00%
469080 Rural Forestry Program	16,310.00	74,450.00	58,140.00	21.91%
469082 Windbreak Renovation Program	0.00	45,000.00	45,000.00	0.00%
468088 Landscape Tree Program	345.00	15,000.00	14,655.00	2.30%
471103 Community Forestry Program	0.00	32,000.00	32,000.00	0.00%
Total 14 TREE PLANTING	\$ 16,655.00	\$ 199,450.00	182,795.00	8.35%
15 URBAN STORMWATER MANAGEMENT				
470090 BMP Demo Projects	0.00	15,000.00	15,000.00	0.00%
470100 Urban Strmwir BMP C-S	0.00	20,000.00	20,000.00	0.00%
471089 Basin Master Planning	0.00	95,000.00	95,000.00	0.00%
471090 Salt Cr Flood Warning & Nonstructural Programs	22,740.00	70,000.00	47,260.00	32.49%
471093 Lincoln Stormwater Management Programs	0.00	15,000.00	15,000.00	0.00%
471095 Stormwater Facilities Cost Share	0.00	50,000.00	50,000.00	0.00%
471150 Admin Erosion/Sediment Program	0.00	30,000.00	30,000.00	0.00%
471160 Conservation Easement Inspections	0.00	25,000.00	25,000.00	0.00%
471212 Oak Cr, Lynn Cr, N Salt Cr Trlbs MP	0.00	10,000.00	10,000.00	0.00%
471302 Non Basin Master Plans	0.00	25,000.00	25,000.00	0.00%
471503 Structural Measures Analysis (Salt Creek)	0.00	150,000.00	150,000.00	0.00%
770221 Upper Salt Master Plan	65,557.44	983,000.00	917,442.56	6.67%
770226 Beal Slough Master Plan..	2,133.71	12,000.00	9,866.29	17.78%
775220 DMR Flood Reduction	0.00	5,892,000.00	5,892,000.00	0.00%
Total 15 URBAN STORMWATER MANAGEMENT	\$ 90,431.15	\$ 7,392,000.00	7,301,568.85	1.22%
17 O & M OF STORMWATER FACILITIES				
439126 Salt Creek Levee System Planning	0.00	61,041.00	61,041.00	0.00%
447011 Salt Cr Routine O&M (Lincoln)	73,978.96	973,479.00	899,500.04	7.60%
447019 Deadman's Run routine O & M	14,579.35	506,993.00	492,413.65	2.88%
447020 Ant Cr Routine O & M	16,171.00	126,000.00	109,829.00	12.83%
447024 Ant Valley Routine O&M	3,353.84	70,000.00	66,646.16	4.79%
447030 Stevens Creek O&M	350.00	10,000.00	9,650.00	3.50%
447070 Oak Cr Routine O & M	18,406.10	180,600.00	162,193.90	10.19%
447075 Beal Slough Routine O & M	13,941.36	107,714.00	93,772.64	12.94%
447080 Lynn Creek O & M	0.00	20,000.00	20,000.00	0.00%
447081 Ash Hollow, Waverly O & M	48,927.33	50,000.00	1,072.67	97.85%
447099 Equipment and supplies	17,846.42	50,000.00	32,153.58	35.69%
775100 Antelope Creek Major O&M	92,315.65	2,154,303.00	2,061,987.35	4.29%
775200 DMR Major O & M	0.00	7,000.00	7,000.00	0.00%
775300 Salt Creek (O&M) Lincoln	38,002.27	1,010,569.00	972,566.73	3.76%
775400 Oak Creek Major O&M	0.00	10,000.00	10,000.00	0.00%
775500 Lynn Creek Major O & M	1,493.50	140,000.00	138,506.50	1.07%
775600 Beal Slough Major O & M	15,739.80	116,418.00	100,678.20	13.52%
775621 Beal Slough Channel Improvements	0.00	20,000.00	20,000.00	0.00%
775800 Middle Creek Major O & M	0.00	35,000.00	35,000.00	0.00%
Total 17 O & M OF STORMWATER FACILITIES	\$ 355,105.58	\$ 5,649,117.00	5,294,011.42	6.29%
18 COMMUNITY ASSISTANCE PROGRAMS				
471070 Community Assistance Projects	0.00	482,692.00	482,692.00	0.00%
778100 Floodplain Acquisition NRDWide	0.00	25,000.00	25,000.00	0.00%
Total 18 COMMUNITY ASSISTANCE PROGRAMS	\$ 0.00	\$ 507,692.00	507,692.00	0.00%

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	Y-T-D Actual	Annual Budget	Remaining	% of Budget
19 FLOOD CONTROL DAMS & ROAD STRUCTURES				
447040 Watershed Structures Routine O & M	8,453.81	113,700.00	105,246.19	7.44%
447045 Flood Control Dams Program O & M	0.00	15,000.00	15,000.00	0.00%
447050 Road Structures O & M	1,963.55	40,000.00	38,036.45	4.91%
471060 Clearing & Snagging	0.00	10,000.00	10,000.00	0.00%
780120 Road Structures	0.00	30,000.00	30,000.00	0.00%
780220 Piening Flood Control Dam	0.00	365,321.00	365,321.00	0.00%
780230 Flood Control Dams Major	0.00	6,000.00	6,000.00	0.00%
780345 Watershed Structures Rehabilitation.	0.00	25,000.00	25,000.00	0.00%
780350 Watershed Dams O & M Major	136,200.85	514,106.00	377,905.15	26.49%
Total 19 FLOOD CONTROL DAMS & ROAD STRUCTURES	\$ 146,618.21	\$ 1,119,127.00	972,508.79	13.10%
20 STREAM BANK AND CHANNEL EROSION				
470070 Stream Stab above Clean Lakes	0.00	10,000.00	10,000.00	0.00%
470075 Lower Salt Cr Stream Stability c-s	0.00	10,000.00	10,000.00	0.00%
470080 Stream Stability demo w/agencies	0.00	10,000.00	10,000.00	0.00%
470081 Stream Degradation control projects w/landowners	0.00	10,000.00	10,000.00	0.00%
Total 20 STREAM BANK AND CHANNEL EROSION	\$ 0.00	\$ 40,000.00	40,000.00	0.00%
21 SURFACE WATER MONITORING				
419007 Surface Water Monitoring (Gages)	34,567.00	75,000.00	40,433.00	46.09%
Total 21 SURFACE WATER MONITORING	\$ 34,567.00	\$ 75,000.00	40,433.00	46.09%
22 GROUNDWATER MANAGEMENT				
419122 GW Studies (Lower Salt Cr Phase II Implementation)	1,425.00	48,200.00	46,775.00	2.96%
419126 CWSPA Phase II BMP c-s	22,462.19	166,500.00	144,037.81	13.49%
419130 GW Monitoring, Quality and Quantity	42,081.50	261,000.00	218,918.50	16.12%
419150 Best Management Practices C-S	9,052.50	84,109.00	75,056.50	10.76%
419175 Geophysical Mapping Project.	80,555.00	462,500.00	381,945.00	17.42%
419178 ENWRA Dues	0.00	30,000.00	30,000.00	0.00%
419179 Drinking Water Protection Specialist Grant	0.00	40,000.00	40,000.00	0.00%
790100 Monitoring Well Leases & Const	0.00	115,000.00	115,000.00	0.00%
Total 22 GROUNDWATER MANAGEMENT	\$ 155,576.19	\$ 1,207,309.00	1,051,732.81	12.89%
23 ENWRA.				
419185 ENWRA	24,270.51	266,935.00	242,664.49	9.09%
419190 ENWRA Net Income (loss)	-109,120.22		109,120.22	0.00%
419195 ENWRA Coordinator.	0.00	63,379.00	63,379.00	0.00%
Total 23 ENWRA.	-\$ 84,849.71	\$ 330,314.00	415,163.71	-25.69%
24 INTEGRATED MANAGEMENT STUDIES				
419420 IMP-Water Inventory	0.00	50,000.00	50,000.00	0.00%
419440 IMP-Water Supply Management	0.00	5,000.00	5,000.00	0.00%
419460 IMP-Water Use Management	0.00	20,000.00	20,000.00	0.00%
439120 Lower Platte River Basin Planning	10,000.00	10,000.00	0.00	100.00%
Total 24 INTEGRATED MANAGEMENT STUDIES	\$ 10,000.00	\$ 85,000.00	75,000.00	11.76%
TOTAL 5 PROJECT COSTS	\$ 1,227,247.42	\$ 23,685,819.00	\$ 22,458,571.58	5.18%
TOTAL OPERATING COSTS	\$ 824,749.73	\$ 2,270,504.00	\$ 1,445,754.27	36.32%
TOTAL PERSONNEL COSTS	\$ 1,469,715.30	\$ 3,696,857.00	\$ 2,227,141.70	39.76%
TOTAL DISBURSEMENTS	\$ 3,521,712.45	\$ 29,653,180.00	\$ 26,131,467.55	11.88%

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Lower Platte South NRD
Income & Expenditures by Month
 July - November, 2022

	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Total
REVENUE						
1 STATE GRANTS AND FUNDS						
301050 Buffer Strips Program					13,965.42	13,965.42
301250 Water Well Decommissioning Fund (GW BMPs)		1,753.00				1,753.00
301260 Water Sustainability Fund	27,314.25	10,680.00	10,338.75			48,333.00
301650 NE Water Quality Fund			9,977.45			9,977.45
Total 1 STATE GRANTS AND FUNDS	\$ 27,314.25	\$ 12,433.00	\$ 20,316.20	\$ 0.00	\$ 13,965.42	\$ 74,028.87
2 LOCAL FUNDS						
302032 Landowners & Communities, GW BMPS		50.00			50.00	100.00
302044 General Projects Master Plan		1,066.86				1,066.86
302045 Salt Cr Flood Warning System	5,685.00		5,685.00			11,370.00
302081 Tree Planting Landowners		-21.25			7,282.51	7,261.26
302145 Trail User Donations	72.00	744.00	1,937.10		28.00	2,781.10
Total 2 LOCAL FUNDS	\$ 5,757.00	\$ 1,839.61	\$ 7,822.10	\$ 0.00	\$ 7,360.51	\$ 22,579.22
3 FEDERAL GRANTS AND FUNDS						
303252 NACD Technical Ass't Grant	17,602.40			14,900.00		32,502.40
303332 FEMA Disaster Relief	15,354.15	31,980.18	2,092.54	26.72	-0.01	49,453.58
303785 NACD Grant PR Reimbursement		2,276.60				2,276.60
Total 3 FEDERAL GRANTS AND FUNDS	\$ 32,956.55	\$ 34,256.78	\$ 2,092.54	\$ 14,926.72	\$ 0.01	\$ 84,232.58
3.1 Interest Income.						
310000 Interest Income	9,259.44	23,495.04	20,224.31	25,690.47	36,743.07	115,412.33
310050 Interest Income (ENWRA)	229.34	308.52	352.18	438.30	517.67	1,846.01
310090 Interest Income (LPRCA)	515.12	717.23	802.43	1,021.39	1,217.46	4,273.63
Total 3.1 Interest Income.	\$ 10,003.90	\$ 24,520.79	\$ 21,378.92	\$ 27,150.18	\$ 38,478.20	\$ 121,531.97
306000 General Property Taxes - General Fund	183,938.76	2,727,713.71	724,103.30	116,826.58	50,892.83	3,803,475.18
TOTAL REVENUE	\$ 259,970.46	\$ 2,800,763.89	\$ 775,513.06	\$ 158,903.46	\$ 110,696.95	\$ 4,105,847.82

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DISBURSEMENTS

	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Total
4 PERSONNEL COSTS						
4.1 Salaries-Clerical						
Total 4.1 Salaries-Clerical	\$ 17,377.60	\$ 17,377.60	\$ 17,377.60	\$ 17,377.60	\$ 17,377.60	\$ 86,888.00
4.2 Salaries-Administrative						
Total 4.2 Salaries-Administrative	\$ 31,789.50	\$ 31,789.50	\$ 31,789.50	\$ 31,789.50	\$ 31,789.50	\$ 158,947.50
4.3 Salaries-Technical						
Total 4.3 Salaries-Technical	\$ 233,288.45	\$ 142,682.07	\$ 135,737.37	\$ 137,450.96	\$ 135,312.62	\$ 784,471.47
4.4 Maintenance & Construction						
460001 Dept of Corrections Agreement	21,525.32	15,787.15	15,787.15	15,787.16		68,886.78
460002 Fuel and Supplies	1,841.10	1,787.20	1,624.01	1,566.04	35.82	6,834.17
Total 4.4 Maintenance & Construction	\$ 23,366.42	\$ 17,554.35	\$ 17,411.16	\$ 17,353.20	\$ 35.82	\$ 75,720.95
4.5 Employee Benefits						
Total 4.5 Employee Benefits	\$ 71,329.30	\$ 50,269.62	\$ 50,639.71	\$ 49,795.45	\$ 50,068.50	\$ 272,102.58
409001 Directors Per Diem			13,960.00			13,960.00
435001 Payroll Taxes	21,169.92	14,224.80	14,755.72	13,818.99	13,655.37	77,624.80
Total 4 PERSONNEL COSTS	\$ 398,321.19	\$ 273,897.94	\$ 281,671.06	\$ 267,585.70	\$ 248,239.41	\$ 1,489,715.30

OPERATING COSTS

405001 Auto & Truck Expense	10,830.35	4,886.07	4,951.56	8,627.26	278.83	29,574.07
407001 Directors Expenses		1,150.00	2,132.73	327.50		3,610.23
413001 NARD Dues	42,505.22					42,505.22
413005 NACD Dues				1,800.00		1,800.00
413010 Lincoln Chamber of Commerce					1,030.00	1,030.00
413021 Dues/Membership misc				352.00	165.00	517.00
417001 Personnel Expenses	1,311.21	4,333.75	4,064.04	2,378.31	222.18	12,309.49
420001 County Collection Fees	1,821.21	27,007.09	6,889.50	1,156.72	503.91	37,378.43
425001 Commercial Package Insurance	67,404.00	542.00	200.00		92.00	68,238.00
425003 Umbrella Liability Insurance	45,473.00					45,473.00
425005 Directors/Staff Liability Insurance	1,893.00					1,893.00
431001 Legal Notice		240.81	691.09	1,119.32		2,051.22
433001 Office Supplies	1,934.48	2,497.83	1,059.79	2,890.70	1,010.43	9,393.03
433002 Hardware/Computers	161.53	2,955.12	20,613.55	855.60	1,108.85	25,694.65
433003 Office Machine Rentals and Maintenance	2,238.07	1,702.38	2,272.39	1,878.71	3,706.48	11,798.03
433004 Data Storage/Retrieval System (scanning)					6,404.00	6,404.00
433005 Computer Software	9,097.60	1,236.59	6,557.59	879.60	4,569.60	22,340.98
433007 Computer Maintenance and Telecom	6,171.77	5,345.55	2,384.93	4,472.90	2,494.45	20,869.60
433008 Training/certification		80.00	760.00		149.00	989.00
433100 Office Furnishings		195.96				195.96
437001 Postage			3,000.00			3,000.00
439010 Attorney Retainer & Fees	8,950.39	5,540.14	8,194.50	10,175.25		32,860.28
439040 Accounting		2,400.00				2,400.00
439045 Audit		14,500.00		6,000.00		20,500.00
439075 Database Management				9,035.00		9,035.00
439090 Bank Services.	120.00	120.00	154.00	120.00	88.96	602.96
452001 Telephone	5,884.18	472.29	9,051.05	3,109.93		18,517.45
453001 Utilities	2,410.07	2,370.93	1,307.73	1,198.09		7,286.82
463001 Building Maintenance	6,485.23	8,942.79	3,250.22	2,771.63	3,866.02	25,315.89
480000 Depreciation Expenses	64,685.38	64,885.38	64,685.38	64,685.38	64,685.38	323,426.90
765010 Machinery and Equipment.		32,644.00				32,644.00
769010 Office Equipment.			5,095.52			5,095.52
TOTAL OPERATING COSTS	279,376.69	163,848.48	147,315.57	123,833.90	90,375.09	824,749.73

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5 PROJECT COSTS

	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Total
06 INFORMATION & EDUCATION						
421015 I & E Programs & Projects		911.71				911.71
421021 I & E Environmental Education	17,634.94	2,762.47	12,920.80	2,192.67	20,043.90	55,554.78
421023 I & E General Awareness	6,246.60	7,631.56	7,667.06	25,038.04	1,053.90	47,637.16
Total 06 INFORMATION & EDUCATION	\$ 23,881.54	\$ 11,305.74	\$ 20,587.86	\$ 27,230.71	\$ 21,097.80	\$ 104,103.65
07 LAND BEST MANAGEMENT PRACTICES						
418302 GIS Support		14,000.00				14,000.00
419304 GIS Aerial Imagery Project		2,432.00				2,432.00
470010 Surface Water Quality Practices	17,500.00	34,944.57	28,955.31	38,953.48	13,594.46	133,947.82
470012 Special Practices				47,335.28	15,925.43	63,260.71
470014 Buffer Strips			7,543.57			7,543.57
Total 07 LAND BEST MANAGEMENT PRACTICES	\$ 17,500.00	\$ 51,376.57	\$ 36,499.88	\$ 86,288.76	\$ 29,519.89	\$ 221,184.10
08 PLATTE RIVER						
419002 LPRCA Coordinator/Operations	1,920.00			2,500.00	10.72	4,430.72
419003 Lower Platte River Corr Consultant	2,000.00	2,000.00	2,100.00	2,100.00	2,100.00	10,300.00
419006 LPRCA Programs/Projects	35,700.00		35,700.00			71,400.00
419014 LPRCA Net Income (Loss)	-37,104.88	717.23	-34,897.57	-1,478.61	1,206.74	-71,557.09
Total 08 PLATTE RIVER	\$ 2,515.12	\$ 2,717.23	\$ 2,902.43	\$ 3,121.39	\$ 3,317.46	\$ 14,573.63
09 TRAILS/CONSERVATION CORRIDORS						
447055 Oak Creek Trail O & M	3,933.76	717.19	2,881.82	4,316.75		11,829.52
447080 Mopac Trail O & M	5,900.86	3,926.44	150.98	5,347.75	21,373.50	36,699.53
447065 Homestead Trail O & M	9,974.09	3,717.93	1,086.03		3,000.00	17,778.05
Total 09 TRAILS/CONSERVATION CORRIDORS	\$ 19,808.71	\$ 8,361.56	\$ 4,098.83	\$ 9,664.50	\$ 24,373.50	\$ 66,307.10
10 WILDLIFE MANAGEMENT AREAS..						
484010 Wildlife Management Areas,	13,607.69	2,373.23	8,098.38	1,754.92	567.52	26,401.74
Total 10 WILDLIFE MANAGEMENT AREAS..	\$ 13,607.69	\$ 2,373.23	\$ 8,098.38	\$ 1,754.92	\$ 567.52	\$ 26,401.74
11 HABITAT IMPROVEMENT						0.00
469019 Diversify Grassland			10,000.00			10,000.00
Total 11 HABITAT IMPROVEMENT	\$ 0.00	\$ 0.00	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 10,000.00
12 CONSERVATION EASEMENTS...						
447068 PCHB O&M/Project Coordination	40,254.87	767.35	1,338.32	1,062.07	964.50	44,387.21
Total 12 CONSERVATION EASEMENTS...	\$ 40,254.87	\$ 767.35	\$ 1,338.32	\$ 1,062.07	\$ 964.50	\$ 44,387.21
13 WETLANDS.						
469041 Wetlands O & M	657.27	5,502.11	5,770.52	4,198.70	57.97	16,186.57
Total 13 WETLANDS.	\$ 657.27	\$ 5,502.11	\$ 5,770.52	\$ 4,198.70	\$ 57.97	\$ 16,186.57
14 TREE PLANTING						
469080 Rural Forestry Program			8,500.00	7,810.00		16,310.00
469086 Landscape Tree Program	230.00			115.00		345.00
Total 14 TREE PLANTING	\$ 230.00	\$ 0.00	\$ 8,500.00	\$ 7,925.00	\$ 0.00	\$ 16,655.00

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	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Total
15 URBAN STORMWATER MANAGEMENT						
471090 Salt Cr Flood Warning & Nonstructural Programs	11,370.00		11,370.00			22,740.00
770221 Upper Salt Master Plan	17,171.25	22,842.21	13,127.00	12,416.98		65,557.44
770226 Beal Slough Master Plan..		2,133.71				2,133.71
Total 15 URBAN STORMWATER MANAGEMENT	\$ 28,541.25	\$ 24,975.92	\$ 24,497.00	\$ 12,416.98	\$ 0.00	\$ 90,431.15
17 O & M OF STORMWATER FACILITIES						
447011 Salt Cr Routine O&M (Lincoln)	27,573.32	8,825.71	22,042.62	15,537.31		73,978.96
447019 Deadman's Run routine O & M	9,877.56	555.00	2,915.54	1,231.25		14,579.35
447020 Ant Cr Routine O & M	8,891.00	1,980.00	3,980.00	1,320.00		16,171.00
447024 Ant Valley Routine O&M	170.24	179.50	178.02	2,828.08		3,353.84
447030 Stevens Creek O&M	350.00					350.00
447070 Oak Cr Routine O & M	1,588.00		2,415.88		14,402.22	18,406.10
447075 Beal Slough Routine O & M	12,894.13	1,047.23				13,941.38
447081 Ash Hollow, Waverly O & M	48,927.33					48,927.33
447099 Equipment and supplies	1,474.03	4,513.04	4,841.45	2,719.91	4,297.99	17,846.42
775100 Antelope Creek Major O&M	20,472.20	42,840.25	2,790.05	26,413.15		92,315.65
775300 Salt Creek (O&M) Lincoln		1,445.00	23,187.27	13,390.00		38,002.27
775500 Lynn Creek Major O & M			743.75	749.75		1,493.50
775600 Beal Slough Major O&M	9,525.82	1,837.48	4,376.50			15,739.80
Total 17 O & M OF STORMWATER FACILITIES	\$ 141,743.63	\$ 63,023.21	\$ 67,449.08	\$ 64,189.45	\$ 18,700.21	\$ 355,105.58
19 FLOOD CONTROL DAMS & ROAD STRUCTURES						
447040 Watershed Structures Routine O & M	7,598.84			712.20	142.97	8,453.81
447050 Road Structures O & M	1,897.55	66.00				1,963.55
780350 Watershed Dams O & M (Major)	121,950.60			14,250.25		136,200.85
Total 19 FLOOD CONTROL DAMS & ROAD STRUCTURES	\$ 131,446.79	\$ 66.00	\$ 0.00	\$ 14,962.45	\$ 142.97	\$ 146,618.21
21 SURFACE WATER MONITORING						
419007 Surface Water Monitoring (Gages)	17,284.00		17,283.00			34,567.00
Total 21 SURFACE WATER MONITORING	\$ 17,284.00	\$ 0.00	\$ 17,283.00	\$ 0.00	\$ 0.00	\$ 34,567.00
22 GROUNDWATER MANAGEMENT						
419122 GW Studies (Lower Salt Cr Phase II Implementation)		1,425.00				1,425.00
419126 CWSPAPhase II BMP c-s	17,515.68		4,946.51			22,462.19
419130 GW Monitoring, Quality and Quantity	5,813.87	14,238.98	2,201.97	19,496.00	330.70	42,081.50
419150 Best Management Practices C-S	750.00		414.50		7,888.00	9,052.50
419175 Geophysical Mapping Project.	45,523.75	17,800.00	17,231.25			80,555.00
Total 22 GROUNDWATER MANAGEMENT	\$ 69,603.30	\$ 33,463.96	\$ 24,794.23	\$ 19,496.00	\$ 8,218.70	\$ 155,576.19
23 ENWRA						
419185 ENWRA	3,484.34	3,938.25	4,411.15	3,425.70	9,011.07	24,270.51
419190 ENWRA Net Income (loss)	-117,330.60	27,092.33	-7,997.22	241.08	-11,125.81	-109,120.22
Total 23 ENWRA	-\$ 113,846.26	\$ 31,030.58	-\$ 3,586.07	\$ 3,666.78	-\$ 2,114.74	-\$ 84,849.71
24 INTEGRATED MANAGEMENT STUDIES						
439120 Lower Platte River Basin Planning	10,000.00					10,000.00
Total 24 INTEGRATED MANAGEMENT STUDIES	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10,000.00
Total 5 PROJECT COSTS	\$ 403,228.01	\$ 234,963.46	\$ 228,232.46	\$ 255,977.71	\$ 104,845.78	\$ 1,227,247.42
Total Disbursements (Operating/Personnel/Project)	\$ 1,080,925.89	\$ 892,709.88	\$ 657,219.09	\$ 647,397.31	\$ 443,460.28	\$ 3,521,712.45
EXCESS INCOME OVER DISBURSEMENTS	-\$ 620,955.43	\$ 2,108,054.01	\$ 118,293.97	-\$ 488,493.85	-\$ 332,763.33	\$ 584,135.37

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**LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT
LIST OF EXPENDITURES FOR NOVEMBER 2022**

Bankcard Processing Center	Certification	150.00
Bankcard Processing Center	Certification	150.00
Bankcard Processing Center	Certification	150.00
Mid-American Benefits	Employee Benefits	1,840.16
NARD Risk Pool Association	Employee Benefits	43,242.82
Nationwide	Employee Benefits	22,994.91
United Way of Lincoln	Employee Benefits	175.00
Kuhlman, Nathan	Employee Expenses	66.31
Matulka, Craig	Employee Expenses	24.50
Midwest Laboratories	ENWRA Services	2,643.48
University of Nebraska	ENWRA Services	9,000.00
Alpha Media	Information	958.34
Country Connection	Information	450.00
Lincoln Journal Star	Information	20,402.19
NRG Media LLC	Information	992.00
The Voice News	Information	582.00
Wahoo-Waverly-Ashland	Information	335.11
Bornemeier, Myrna	Land Treatment	13,594.46
Lux, Colleen	Land Treatment	15,925.43
Schneider, Kevin	Land Treatment	22,810.94
All Copy Products, Inc.	Lease	1,723.68
Quadient Leasing USA, Inc.	Lease	696.36
Bankcard Processing Center	Meeting Expenses	207.00
Bankcard Processing Center	Meeting Expenses	1,031.60
Bankcard Processing Center	Meeting Expenses	153.83
Bankcard Processing Center	Meeting Expenses	266.70
Fairfield Inn	Meeting Expenses	374.85
NARD Foundation	Meeting Expenses	220.00
Nebraska Well Drillers Association	Membership	165.00
Adam D. Sutton	Payroll	3,670.17
Alexander J. Lautenschlager	Payroll	683.24
Allen S. Langdale	Payroll	4,997.53
Ariana Kennedy	Payroll	4,413.46
Bryce Jensen	Payroll	4,005.46
Christopher L. Witthuhn	Payroll	3,650.96
Cole L. Johnson	Payroll	3,004.43
Connie Hansen	Payroll	3,146.42
Connie M. Damrow	Payroll	1,905.39
Craig A. Matulka	Payroll	4,151.91
Cynthia M. Spilinek	Payroll	53.11
David L. Potter	Payroll	6,452.83
Drew E. Ratkovec	Payroll	3,015.44
Evan Sisel	Payroll	3,272.23

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Jan M. Kush	Payroll	2,839.79
Jane Holt	Payroll	127.74
John E. Albert	Payroll	3,902.16
Kathryn D. Hauschild	Payroll	2,946.48
Kenneth D. Flowerday	Payroll	142.73
Kristin L. Buntmeyer	Payroll	5,230.77
Logan K. Hutt	Payroll	1,040.94
Maclane B. Scott	Payroll	3,442.24
Madonna L. Reid	Payroll	3,317.43
Marilyn Myrtue	Payroll	701.71
Mark C. Lindemann	Payroll	5,921.65
McKenzie P. Barry	Payroll	5,620.67
Michael J. Murren	Payroll	5,731.43
Nathan B. Kuhlman	Payroll	5,557.69
Parker J. Robinson	Payroll	3,905.07
Paul D. Zillig	Payroll	7,464.82
Richard L. Ehrman	Payroll	5,796.38
Shaula D. Ross	Payroll	4,176.67
Steve J. Herdzina	Payroll	4,427.29
Trent Henry	Payroll	2,751.28
Will M. Inselman	Payroll	5,557.00
IRS	Payroll Taxes	44,956.86
NE Department of Revenue	Payroll Taxes	7,756.86
Aflac	Employee Benefits	744.23
ABC Termite & Pest Control Inc.	Services	165.00
Adventure Bus & Charter	Services	651.60
Allo Communications	Services	771.73
Al's Johns	Services	240.00
Al's Johns	Services	240.00
Anderson Auto Group	Services	1,653.86
Bizco Technologies	Services	27.60
Bizco Technologies	Services	2,438.05
Buresh, Anton	Services	475.00
Butler Public Power District	Services	55.52
Cass County RWD #2	Services	35.00
Corey Rourke Photography	Services	79.00
Cornhusker State Industries	Services	15,787.15
Domant Cleaning	Services	1,300.00
E & A Consulting Group, Inc.	Services	4,376.50
Flatwater Group Inc.	Services	4,140.00
Gana Trucking & Excavating Inc.	Services	26,112.00
Harley's Heating & Air Conditioning	Services	545.00
Houston Engineering, Inc.	Services	8,791.01
Houston Engineering, Inc.	Services	2,320.63
Houston Engineering, Inc.	Services	4,810.38
Husker Auto Group	Services	430.33
Intuition & Logic	Services	12,416.98

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Intuition & Logic	Services	749.75
Jackson Services	Services	360.91
JEO Consulting Group Inc.	Services	9,537.31
JEO Consulting Group Inc.	Services	13,140.00
JEO Consulting Group Inc.	Services	861.25
KLC Vision	Services	504.00
Lee's Lawn Maintenance	Services	11,240.00
Lincoln Landscaping	Services	295.00
Lincoln Landscaping	Services	155.00
Midwest Food Marketing, Inc.	Services	14,356.68
Midwest Laboratories	Services	18,784.00
NE Public Health Environmental Lab	Services	48.00
NE Public Health Environmental Lab	Services	48.00
Nebraska Printing Center	Services	341.80
Niemann, Jeanne	Services	1,375.00
On-Line Imaging Inc.	Services	6,404.00
Patch Pros	Services	1,055.00
Pilot Institute LLC	Services	149.00
Plant Pros of Lincoln	Services	40.00
Pro Automotive	Services	66.29
Pro Automotive	Services	66.90
Small Engine Specialists	Services	636.90
Spectrum	Services	370.81
Spring Creek Prairie Audubon Center	Services	9,432.00
Unanimous, Inc.	Services	1,200.00
Universal Information Services, Inc.	Services	449.33
Universal Information Services, Inc.	Services	449.33
Uribe Refuse Services	Services	160.68
Verizon	Services	2,993.57
Vermeer High Plains	Services	358.32
Waste Connections of NE Inc.	Services	426.65
Waste Connections of NE Inc.	Services	377.42
Papio-Missouri River NRD	Services Reimbursement	2,100.00
Nebraska Farmer	Subscription	34.32
The Plattsmouth Journal	Subscription	56.00
Bankcard Processing Center	Supplies	8,649.68
Bankcard Processing Center	Supplies	224.57
Bankcard Processing Center	Supplies	1,316.01
Contech Engineered Solutions LLC	Supplies	846.00
Eakes Office Solutions	Supplies	1,538.53
Fastenal Company	Supplies	127.63
GE Landscape Supply	Supplies	146.00
Graham Tire	Supplies	2,994.49
Hamilton Equipment Co.	Supplies	510.51
Host of Nebraska	Supplies	177.00
Hy-Vee Accounts Receivable	Supplies	99.80
Interstate All Battery	Supplies	184.95

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Miller Seed	Supplies	54.00
Region V Lincoln	Supplies	1,080.00
Reimers Kaufman Concrete	Supplies	143.90
State Printing	Supplies	580.19
Tractor Supply Co.	Supplies	869.82
Transit Works	Supplies	158.00
University of Nebraska	Supplies	55.60
Van Diest Supply Company	Supplies	3,198.00
WEX BANK	Supplies	4,720.79
Black Hills Energy	Utilities	191.47
Constellation Newenergy	Utilities	50.38
Lincoln Electric System	Utilities	215.52
Lincoln Electric System	Utilities	170.08
Lincoln Electric System	Utilities	759.00
Burr, Andrew	Water Program	6,500.00
Powell, Timothy	Water Program	438.00
Smith, Linda	Water Program	950.00
	TOTAL	565,244.62

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**Bankcard Processing Center/Visa
Breakdown list for November 2022**

<u>Bankcard Processing Center/Visa</u>		<u>153.83</u>
Jimmy Johns	Meeting Expenses	153.83
<u>Bankcard Processing Center/Visa</u>		<u>150.00</u>
NDEE	License	150.00
<u>Bankcard Processing Center/Visa</u>		<u>207.00</u>
Embassy Suites	Meeting Expenses	15.00
Embassy Suites	Meeting Expenses	42.00
NDEE	License	150.00
<u>Bankcard Processing Center/Visa</u>		<u>1031.60</u>
Embassy Suites	Meeting Expenses	356.60
NWRA	Meeting Expenses	450.00
NWRA	Meeting Expenses	225.00
<u>Bankcard Processing Center/Visa</u>		<u>8649.68</u>
Daytimer	Supplies	24.55
eFile	Services	7.95
IA DNR	Tree Program	7810.00
NWRA	ENWRA Services	585.00
Indeed	Services	222.18
<u>Bankcard Processing Center/Visa</u>		<u>150.00</u>
NDEE	License	150.00
<u>Bankcard Processing Center/Visa</u>		<u>224.57</u>
Casey's	Meeting Expenses	111.90
Valentino's	Meeting Expenses	112.67
<u>Bankcard Processing Center/Visa</u>		<u>1316.01</u>
Intuit	Services	50.00
Amazon	Supplies	98.22
Amazon	Supplies	478.00
Amazon	Supplies	223.02
Bitly	Services	348.00
Amazon	Supplies	36.89
Amazon	Supplies	19.47
Walmart	Supplies	62.41
<u>Bankcard Processing Center/Visa</u>		<u>150.00</u>
NDEE	License	150.00
<u>Bankcard Processing Center/Visa</u>		<u>266.70</u>
NE Game & Parks	Meeting Expenses	50.00
Holiday Inn	Meeting Expenses	192.00
Fyre Grill	Meeting Expenses	24.70

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LOWER PLATTE SOUTH NRO
REIMBURSABLE PROJECT COSTS
November 2022

	POST DATE	CHECK DATE	CHECK NO.	PAYEE	AMOUNT TO BE		REIMBURSER
					AMOUNT PAID	REIMBURSED	
<u>DEADMANS RUN FLOOD REDUCTION</u>							
301343	04/02/22	07/21/22	48133	Houston Engineering	\$ 4,325.00	\$ 2,595.00	WSF
302043	04/02/22	07/21/22	48133	Houston Engineering		\$ 865.00	City of Lincoln
					<u>\$ 4,325.00</u>	<u>\$ 3,460.00</u>	
<u>BEAL SLOUGH 70/PINE LAKE</u>							
302044	07/01/21	11/02/21	46834	High Plains Retainage	\$ 4,854.60	\$ 2,427.30	City of Lincoln
	11/29/21	01/20/22		High Plains Retainage	\$ 2,819.80	\$ 1,409.90	City of Lincoln
	12/04/21	05/03/22		High Plains Retainage	\$ 4,302.75	\$ 2,151.38	City of Lincoln
	04/02/22	05/03/22		High Plains Retainage	\$ 1,000.00	\$ 500.00	City of Lincoln
		05/10/22		High Plains Retainage	\$ 29,221.40	\$ 14,610.70	City of Lincoln
	05/02/22	07/06/22	48067	Intuition & Logic	\$ 9,245.31	\$ 4,621.66	City of Lincoln
	08/01/22	09/15/22	48357	Intuition & Logic	\$ 2,133.71	\$ 1,066.86	City of Lincoln
					<u>\$ 53,577.57</u>	<u>\$ 26,787.80</u>	
<u>FLOOD WARNING SYSTEM</u>							
302045		07/21/22	48118	USGS	\$ 28,654.00	\$ 5,685.00	City of Lincoln
		09/09/22	48332	USGS	\$ 28,653.00	\$ 5,685.00	City of Lincoln
					<u>\$ 57,307.00</u>	<u>\$ 11,370.00</u>	
<u>FEMA DISASTER RELIEF ANTELOPE CREEK</u>							
303332		12/26/19	43744	Olsson	\$ 2,815.68	\$ 2,111.76	FEMA *
		02/12/20	43950	Olsson	\$ 6,322.58	\$ 4,741.93	FEMA *
		08/27/20	44846	Olsson	\$ 2,517.41	\$ 1,888.08	FEMA *
		10/08/20	44980	Olsson	\$ 2,046.88	\$ 1,535.16	FEMA *
		10/28/20	45092	Olsson	\$ 2,051.97	\$ 1,538.97	FEMA *
		12/22/20	45301	Olsson	\$ 1,953.10	\$ 1,464.82	FEMA *
		02/25/21	45603	Olsson	\$ 1,392.11	\$ 1,044.08	FEMA *
		04/29/21	45833	Olsson	\$ 8,303.19	\$ 6,227.39	FEMA *
		06/10/21	46104	Olsson	\$ 1,238.47	\$ 928.86	FEMA *
		06/30/21	46232	Olsson	\$ 1,156.80	\$ 867.60	FEMA *
		07/29/21	46419	Olsson	\$ 590.82	\$ 443.11	FEMA *
		08/26/21	46525	Olsson	\$ 1,919.32	\$ 1,439.49	FEMA *
	08/08/21	10/05/21	46711	Olsson	\$ 5,533.83	\$ 4,150.38	FEMA *
	09/12/21	10/21/21	46811	Olsson	\$ 4,585.36	\$ 3,439.02	FEMA *
	10/10/21	12/09/21	47015	Olsson	\$ 525.83	\$ 394.37	FEMA *
	11/07/21	03/03/22	47335	Olsson	\$ 6,255.90	\$ 4,691.93	FEMA *
	02/06/22	03/31/22	47464	Olsson	\$ 2,832.45	\$ 2,124.34	FEMA *
	03/13/22	04/28/22	47580	Olsson	\$ 1,427.91	\$ 1,070.93	FEMA *
	04/10/22	05/26/22	47801	Olsson	\$ 714.44	\$ 535.82	FEMA
	05/08/22	06/23/22	47977	Olsson	\$ 2,221.07	\$ 1,665.80	FEMA
	07/01/22	08/02/22	48159	Olsson	\$ 5,366.39	\$ 4,024.79	FEMA
	07/10/22	08/25/22	48258	Olsson	\$ 15,105.81	\$ 11,329.36	FEMA
	08/07/22	09/29/22	48464	Olsson	\$ 42,616.51	\$ 31,962.38	FEMA
	08/28/22	09/06/22	48309	Lincoln Journal Star	\$ 23.74	\$ 17.80	FEMA
	09/21/22	10/06/22	48513	Lincoln Journal Star	\$ 76.33	\$ 57.25	FEMA
	09/28/22	11/08/22	48668	Lincoln Journal Star	\$ 35.63	\$ 26.72	FEMA
	09/11/22	12/01/22	48752	Olsson	\$ 2,713.72	\$ 2,035.28	FEMA
		11/22/22		FEMA		\$ (40,102.21)	
					<u>\$ 122,343.25</u>	<u>\$ 51,655.21</u>	
<u>HYDRO FRAMEWORK</u>							
301260	07/01/22	08/25/22	48256	LRE Water	\$ 32,428.75	\$ 19,457.25	WSF
	07/25/22	10/06/22	48494	LRE Water	\$ 13,095.00	\$ 7,857.00	WSF
	08/25/22	10/18/22	48560	LRE Water	\$ 17,800.00	\$ 10,680.00	WSF
	09/26/22	12/01/22	48739	LRE Water	\$ 17,231.25	\$ 10,338.75	WSF
					<u>\$ 80,555.00</u>	<u>\$ 48,333.00</u>	
<u>ENWRA PROJECTS</u>							
301270							
					\$	\$	
FEMA * Payment received							
GRAND TOTAL					<u>\$ 318,107.82</u>	<u>\$ 141,606.01</u>	

City of Lincoln
DNR (NRD)
DNR (ENWRA)
NDEE
NRCS
FEMA
WSF

GRAND TOTAL
\$ 39,022.79
\$
\$
\$
\$
\$
\$ 51,655.22
\$ 50,928.00
\$ 141,606.01

OK
P&P 2

Section 8

Budget

Fiscal Year 2023 Budget

August 17, 2022

**Lower Platte South
Natural Resources District**



ANTICIPATED REVENUES		
	FY 2022	FY 2023
Cash and Investments (LPSNRD)	10,399,289	11,076,583
Cash and Investments (LPRCA)	533,635	543,802
Cash and Investments (ENWRA)	352,392	431,532
Deadmans Run Sinking Fund	5,095,607	5,205,370
Infrastructure Sinking Fund	323,251	421,484
Mopac East Trail Sinking Fund	258,202	308,660
Salt Creek Resiliency Sinking Fund	0	600,866
County Treasurers' Balance	125,000	125,000
Investment Income	25,000	100,000
Federal Funds	3,392,265	1,978,327
State Funds	1,045,520	2,998,500
Local Funds	2,191,666	2,838,903
Miscellaneous	0	0
(County Treasurers' Commission)	(100,000)	(101,569)
Total	23,641,827	26,527,458
NRD Property Taxes	10,156,870	10,156,870
	33,798,697	36,684,328
PROPOSED EXPENDITURES		
	FY 2022	FY 2023
Program / Project Costs	19,879,211	23,705,819
Operating Costs	1,785,591	2,309,504
Personnel Costs	3,440,354	3,696,857
Cash Reserve (General)	1,500,000	1,400,000
Deadmans Run Sinking Fund	5,195,607	3,205,370
Infrastructure Sinking Fund	421,024	421,484
Mopac East Sinking Fund	308,202	358,660
Salt Creek Resiliency Sinking Fund	600,000	800,866
Reserve (LPRCA)	495,716	543,802
Reserve (ENWRA)	172,992	241,966
	33,798,697	36,684,328

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXP. THROUGH H June 30, 2022	FY 2023 BUDGET	STATUS CODE	FY 2023 OTHER FUNDS	SOURCE	FY 2023 NET NRD FUNDS
PROGRAM / PROJECT COSTS								
INFORMATION & EDUCATION		486,600	342,995	409,500		0		409,500
421015	Programs and Projects	23,500	18,777	19,500	C1	0		19,500
		1,000		3,000	C2			3,000
421021	Environmental Education	116,450	110,521	80,450	C1	0		80,450
		98,750		92,350	C2			92,350
		0		15,000	C12			15,000
421023	General Awareness	128,900	213,697	92,100	C1	0		92,100
		80,000		72,100	A2			72,100
		33,500		30,500	A1/C1			30,500
		4,500		4,500	C2			4,500
LAND BEST MANAGEMENT PRACTICES		2,008,250	1,004,325	1,784,500		233,600	0	1,550,900
419302	GIS Support	14,000	13,913	14,000	A3	0		14,000
419304	GIS Aerial Imagery Project	18,000	17,133	18,000	A3	0		18,000
		5,000		5,000	C1	0		5,000
419306	GIS Mapping ROW	10,000	550	10,000	C1	0		10,000
470010	Surface Water Quality Practices	1,200,000	657,292	1,000,000	C1	0		1,000,000
470011	NSWCP Land Treatment [*S]	*80,000			C1	0		*80,000
	NACD Technical Assistant Grant	0				61,600	F	-61,600
	NACD Grant Trip to PR					2,000	F	-2,000
470012	Special Practices	75,000	18,491	75,000	C1	0		75,000
470014	Buffer Strips	36,250	32,916	42,500	A6	38,000	S	4,500
Targeted Areas Assistance						0		0
470023	Salt Valley Lakes	300,000	129,262	200,000	B1	0		200,000
470025	Stevens Creek Watershed	75,000	20,553	75,000	B1	0		75,000
470027	Cover Crop	125,000	98,185	125,000	B1	0		125,000
470028	Water Quality BMP Projects	150,000	16,030	220,000	B1	132,000	F	88,000
PLATTE RIVER		334,765	218,982	441,210		156,913		284,297
Lower Platte River Corridor Alliance Programs								
419002	Alliance Coordinator / Operations	2,500	4,453	2,510	C1	7,000	LS	-4,490
		2,510		2,500	A2			2,500
419006	Programs, Studies & Projects	87,255	87,255	126,200	A4	126,200	L	0
		1,000						0
								0
Lower Platte South NRD Platte River Programs								
419003	Lower Platte River Consultant Services	24,000	23,800	25,000	C1			25,000
419008	Platte River Ice Jam Agreement	22,500	0	22,500	A3			22,500
419009	Endangered Species Studies	5,000	0	5,000	C1			5,000
419010	Monitor Lower Platte River Instream Flow	10,000	4,250	10,000	C2			10,000
419012	Nebraska Land Trust	50,000	30,000	50,000	A3			50,000
419013	Water Quality Management Plan	50,000	0	20,000	E2	12,000	F	8,000
				43,000	A4			43,000

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXP. THROUGH H June 30, 2022	FY 2023 BUDGET	STATUS CODE	FY 2023 OTHER FUNDS	SOURCE	FY 2023 NET NRD FUNDS
419016	Invasive Species Cost-Share	30,000	30,000	30,000	C1			30,000
419020	Western Sarpy / Clear Creek Project O&M	50,000	50	50,000	A3	11,713		38,287
419021	LPRCA Program Reimbursements		38,174	53,000	A4			53,000
				500	C1			500
419022	LPRCA Dues		1,000	1,000	C1			1,000
	TRAILS / CONSERVATION CORRIDORS	2,247,700	600,907	2,035,200		8,000		2,027,200
447054	Trail Administration- MoPac East Trail/Conservation	3,000	0	3,000	C1	3,000	L	0
447060	Operation & Maintenance - MoPac Trail	115,500	43,112	86,500	C1	0		86,500
		50,000		683,000	E2			683,000
		325,000				0		0
720100	Planning & Development/Flood Damage Restoration MoPac	50,000	19,353	0				0
720200	Planning & Development - Salt Creek Trail	293,000	0	79,000	A4	5,000	L	74,000
447055	Operation & Maintenance- Oak Creek Trail	66,000	32,350	61,000	C1	0		61,000
		2,500		5,000	C2	0		5,000
				32,500	E2			32,500
720300	Planning & Development - Oak Creek Trail	350,000	211,612	100,000	E2	0		100,000
447065	Operation & Maintenance-Homestead Trail	65,200	294,480	74,200	C1	0		74,200
		5,000		837,000	E2	0		837,000
		882,500				0		0
447053	Plattsmouth Hwy 75 Trail Bridge	40,000	0	60,000	A3	0		60,000
447056	CAP Valparaiso Gazebo	0		14,000				14,000
	WILDLIFE MANAGEMENT AREAS	117,000	61,371	275,600		55,000		220,600
464010	Wildlife Management Areas-Operation & Maintenance	4,000	61,371	140,600	A4	0		140,600
		63,000		115,000	C1	45,000	F	70,000
		50,000						
765010	Machinery & Equipment (Pumper Unit)	0		20,000		10,000		10,000
	HABITAT IMPROVEMENT	25,000	0	70,000		0		70,000
469019	Diversify Grassland	25,000	0	25,000	B3	0		25,000
				25,000	E1			25,000
				20,000	E2			20,000
	CONSERVATION EASEMENTS	1,049,900	937	1,238,800		513,300		725,500
730200	Prairie Corridor on Haines Branch	200,000		500,000	E2			500,000
447066	PCHB O&M / Project Coordination	102,900	937	20,000	A4			20,000
		520,000		111,800	C1			111,800
		27,000		7,000	C3			7,000
				500,000	E2	500,000	F	0
					C1	13,300	L	-13,300
730250	Conservation Easements	200,000		100,000	C2	0		100,000
	WETLANDS	597,000	120,935	846,000		19,000		827,000
419225	Saline Wetland Partnership Support	50,000	92,150	230,000	A2	10,000	F	220,000
		230,000		50,000	A3	2,000	L	48,000
				210,000	E2			210,000

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXP. THROUGH H June 30, 2022	FY 2023 BUDGET	STATUS CODE	FY 2023 OTHER FUNDS	SOURCE	FY 2023 NET NRD FUNDS
469040	Section 404 Monitoring	6,000	6,000	6,000	A5			6,000
469041	Wetland Operation & Maintenance	69,000	22,785	69,500	C1	2,500	L	67,000
		35,000		4,500	A4	4,500	L	0
		7,000		76,000	E2			76,000
730300	Saline Wetland Conservation Easements	200,000	0	200,000	E2			200,000
	TREE PLANTING	175,078	83,134	199,450		57,250		142,200
419001	UNL / NRD Forester Agreement	30,500	29,604	33,000	C1			33,000
469080	Rural Forestry Program	54,450	51,776	74,450	C1	42,250	L	32,200
469082	Windbreak Renovation Program	45,000		45,000	E2	15,000	F	30,000
469086	Landscape Tree Program	10,000		15,000	E2			15,000
471103	Community Forestry Program	30,000	1,754	32,000	C1			32,000
465001	Sales Tax	5,128						0
	URBAN STORMWATER MANAGEMENT	2,712,022	1,001,590	7,392,000		4,496,000		2,896,000
770226	Beal Slough	208,250	171,895	12,000	A4	6,000	L	6,000
770227	Little Salt Creek	165,410	165,408					0
770300	Flood Plain Purchase/Easement/Non structural	0						0
470090	BMP Demonstrations and Cost-Share	15,000	18,183	15,000	A4			15,000
470100	Urban Water Quality BMP Cost-Share	20,000	6,000	20,000	C2			20,000
471089	Basin Master Planning	240,000	187,493	95,000	A4			95,000
471090	Salt Creek Flood Warning System	70,000	55,472	70,000	A4	25,000	L	45,000
471093	Lincoln Stormwater Management Programs	10,000	10,000	10,000	A4			10,000
		2,500		5,000	C1			5,000
471095	Stormwater Facilities Cost-Share	0		50,000	C1			50,000
471150	Administration Erosion/Sediment Program	30,000	30,000	30,000	A4			30,000
471160	Conservation Easement Inspections	25,000	4,489	25,000	A4			25,000
471200	General Master Plan Projects	0						0
775220	DMR Flood Reduction Project	1,568,162	89,658	5,892,000	A4	4,465,000	LS	1,427,000
770221	South Salt Creek	27,700	56,192	983,000	A4			983,000
471212	Oak Cr, Lynn Cr. N Salt Cr, Tribs Master Plan	75,000	78,510	10,000	A4	0		10,000
471220	Basin Master Plans (General)	0				0		0
471302	Non Basin Master Plans	155,000	128,290	25,000	A4	0		25,000
471503	Structural Measures Analysis	100,000		150,000	A4	0		150,000
	O&M OF STORMWATER FACILITIES	5,993,947	1,747,599	5,649,117		1,665,727		3,983,390
439125	Salt Creek Pipe SWIF & O&M manual update	34,205	8,642	31,041	A2	0		31,041
		3,840		30,000	A4	0		30,000
447011	Salt Creek Routine O&M (Lincoln & Ashland)	11,000	754,664	973,479	C1	0		973,479
		150,000						
		1,195,000				0		0
447019	Deadmans Run Routine O&M	24,267	30,685	312,200	A2	0		312,200
		408,000		194,793	C1			194,793
447020	Antelope Creek Routine O&M	24,120	776,099	8,000	A2	0		8,000
		717,000		118,000	C1	50,000	L	68,000
447024	Antelope Valley Routine O&M	5,000	30,292	5,000	A2			5,000
		5,000		5,000	A4			5,000
		245,000		60,000	C1			60,000

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXP. THROUGH June 30, 2022	FY 2023 BUDGET	STATUS CODE	FY 2023 OTHER FUNDS	SOURCE	FY 2023 NET NRD FUNDS
447030	Stevens Creek	10,000		10,000	C1			10,000
447070	Oak Creek Routine O&M	45,000	5,925	18,100	A2			18,100
				162,500	C1			162,500
447075	Beal Slough Routine O&M	105,000	9,601	107,714	C1			107,714
447080	Lynn Creek Routine O&M	10,000	2,200	10,000	C1			10,000
		10,000		10,000	C2			10,000
447081	Ash Hollow	91,670	28,121	50,000	A3			50,000
447099	Equipment and Supplies	40,000	43,465	50,000	C1			50,000
775100	Antelope Creek Major O&M	75,000	26,606	65,803	A3	49,352	F	16,451
		2,230,000		2,088,500	C1	1,566,375	F	522,125
775115	Antelope Valley Major O&M	0				0		0
775200	Deadmans Run Major O&M	0		7,000	C1	0		7,000
775300	Salt Creek Major O&M, Lincoln	11,306	30,348	820,569	A2	0		820,569
		156,569		190,000	C1			190,000
		12,473						0
		192,500				0		0
775400	Oak Creek Major O&M	39,718	951	10,000	A2	0		10,000
		2,279						0
		10,000				0		0
775500	Lynn Creek Routine Major O&M	0	0	140,000	C1	0		140,000
775600	Beal Slough Major O&M	110,000	0	116,418	C1	0		116,418
775621	Beal Slough Channel Improvements	20,000	0	20,000	C1	0		20,000
775800	Middle Creek Major O & M	0	0	35,000	C1			35,000
	COMMUNITY ASSISTANCE PROGRAMS	441,095	129,976	507,692		0		507,692
778100	Flood Plain Acquisition	25,000	0	25,000	C1	0		25,000
471070	General Projects	416,095	129,976	182,692	A3	0		182,692
				300,000	C2	0		300,000
	FLOOD CONTROL DAMS & ROAD STRUCTURES	1,599,181	841,645	1,119,127		25,000		1,094,127
447050	Road Structure O&M	45,000	0	40,000	C1	0		40,000
780360	Road Structure O&M (Major)	0				0		0
780120	Road Structures	50,000	0	30,000	C1	0		30,000
780220	Piening Flood Control Dam	98,000	0	365,321	A6	0		365,321
780230	Flood Control Dams (Major)	0		6,000	C1	0		6,000
447045	Flood Control Dams O&M	15,000	0	15,000	C1	0		15,000
447040	Watershed Dams O&M	150,000	105,039	75,000	A5	0		75,000
		100,000		28,700	C1	0		28,700
				10,000	C4			10,000
447041	Watershed Structures Rehab.	90,000	0					0
780350	Watershed Dams O&M (Major)	0		150,106	A1			150,106
				364,000	A5	0		364,000
780345	Watershed Structures Rehab. Program	40,500	736,606	25,000	A6	25,000	F	0
		825,681						
		105,000						
471060	Clearing & Snagging Cost-Share	80,000	0	10,000	C2	0		10,000

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXP. THROUGH H June 30, 2022	FY 2023 BUDGET	STATUS CODE	FY 2023 OTHER FUNDS	SOURCE	FY 2023 NET NRD FUNDS
	STREAM BANK AND CHANNEL EROSION	80,000	0	40,000		0		40,000
470070	Stream Stabilization Above Clean Lakes	20,000	0	10,000	C1	0		10,000
470075	Lower Salt Creek Stream Stability Cost-Share	20,000	0	10,000	C1	0		10,000
470080	Stream Stability Demos with Agencies	20,000	0	10,000	C1	0		10,000
470081	Stream Degradation Control Projects w/Landowners	20,000	0	10,000	C1	0		10,000
	SURFACE WATER MONITORING	80,000	68,689	75,000		0		75,000
419007	Cooperative Stream Gages with USGS	70,000	68,689	70,000	A4	0		70,000
419007	Surface Water Quality Monitoring	10,000		5,000	C2	0		5,000
	GROUNDWATER MANAGEMENT	1,142,722	245,873	1,207,309		325,590		881,719
419122	Lower Salt Creek Phase II Implementation	48,000	2,530	48,200	C1	0		48,200
419126	CWSPA Phase I, II, & III Implementation	32,000	65,754	32,500	A5	0		32,500
		143,600		134,000	C1	0		134,000
419130	Monitoring Quality & Quantity	120,000	58,043	125,000	A2	0		125,000
		20,000		28,000	A6	0		28,000
		27,000		20,000	E2	0		20,000
		78,000		88,000	C1	0		88,000
419150	BMP Cost-Share Programs	122	12,647	109	A5	1,590	S	-1,481
		83,000		84,000	C1	2,350	SL	81,650
419175	Geophysical Mapping Project	455,000	1,657	416,500	A2	247,500	S	169,000
		6,000		6,000	C1	0		6,000
				40,000	E2	9,150	L	30,850
419178	ENWRA Dues/Geocloud Dues		33,400	30,000	A4	0		30,000
439155	Groundwater Management Master Plan	0				0		0
790100	Monitoring Wells	40,000	71,842	30,000	A5	0		30,000
		90,000		85,000	E2			85,000
419179	Drinking Water Protection Specialist (319 Grant)			40,000		60,000	F	-20,000
	ENWRA Rent			0		5,000	L	-5,000
	ENWRA (Eastern NE Water Resources Assessmen	519,588	114,762	330,314		260,350		69,964
419185	ENWRA Partnership	7,800	87,174	162,250	A4	230,350	LS	-68,100
		24,130		28,630	C1			28,630
		79,290		50,000	A2	30,000	S	20,000
		100,000		26,055	A3			26,055
419186	ENWRA	240,000						0
419195	ENWRA Coordinator	63,368	27,588	63,379	A4			63,379
		5,000						0
	INTEGRATED MANAGEMENT STUDIES	269,363	15,397	85,000		0		85,000
419440	IMP-Water Supply Management	5,000		5,000	C2	0		5,000
419420	IMP-Water Inventory	224,363	5,397	40,000	C2		L	40,000
		10,000		10,000	E2	0		10,000

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXP. THROUGH H June 30, 2022	FY 2023 BUDGET	STATUS CODE	FY 2023 OTHER FUNDS	SOURCE	FY 2023 NET NRD FUNDS
419460	IMP-Water Use Management	10,000		10,000	C2	0		10,000
		10,000		10,000	E1	0		10,000
439120	Lower Platte River Basin Coalition Planning	10,000	10,000	10,000	A4	0		10,000
	TOTALS	19,879,211	6,599,117	23,705,819		7,815,730		15,890,089

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXPENDITURES THROUGH June 30, 2022	FY 2023 BUDGET
	OPERATING COSTS			
405001	AUTO AND TRUCK EXPENSE	55,000	58,221	70,000
407001	DIRECTORS EXPENSE	40,000	12,857	40,000
409001	DIRECTORS PER DIEM	59,000	53,540	59,000
413000	DUES AND MEMBERSHIPS	51,870	45,776	53,105
001	NARD	40,870	40,870	42,505
005	NACD	1,800	1,800	1,800
007	NWRA	3,500	0	3,500
010	Lincoln Chamber of Commerce	1,500	1,030	1,100
021	Miscellaneous	4,200	2,076	4,200
417001	PERSONNEL EXPENSES	50,000	18,685	50,000
419005	FEES AND LICENSES	30,000	3,478	30,000
005	Directors Election	30,000	3,986	30,000
420001	COUNTY COLLECTION FEES	100,000	102,366	101,569
	1% Retainage	100,000	102,366	101,569
423000	BONDS	1,440	1,045	1,440
001	Treasurer, et al	1,300	1,045	1,300
005	Notary Public	140	0	140
425000	INSURANCE	125,000	107,388	129,500
001	Commercial Package	67,000	60,022	73,000
003	Umbrella Liability	54,000	45,473	54,000
005	Directors/Staff Liability	4,000	1,893	2,500
431001	LEGAL NOTICE	6,000	4,508	7,000
433000	OFFICE SUPPLIES AND EXPENSES	248,737	235,590	249,706
001	Supplies	25,000	23,650	25,000
002	Hardware/Computers	58,453	60,191	54,970
003	Office Machine Rentals and Maintenance	29,000	25,526	29,000
004	Data Storage/Retrieval System (Online Imaging)	6,300	6,057	6,500
005	Computer Software	40,092	44,141	47,392
007	Computer Maintenance and Telecom.	73,092	66,406	71,044
008	Training/certification	10,800	7,169	9,800
100	Office Furnishings	6,000	2,450	6,000
437001	POSTAGE	5,000	5,038	7,500
439000	PROFESSIONAL SERVICES	241,500	128,255	265,000
010	Attorney Retainer & Fees	110,000	75,347	110,000
035	Architect (Office)	25,000	0	25,000
040	Accounting	7,500	2,100	6,000

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXPENDITURES THROUGH June 30, 2022	FY 2023 BUDGET
045	Audit	35,000	25,200	35,000
050	Lobbyist	0		15,000
060	Wage and Salary Consultant (every 4 yrs; next 2024)	1,000	700	1,000
070	Director's Planning/Continuing Education	9,000	9,668	9,000
070	Public Awareness Survey	0		10,000
070	Master Plan Update (every 10 yrs; next 2029)	0		0
075	Database Management/NRD Website	51,000	12,765	51,000
090	Bank Services	3,000	2,475	3,000
451001	RENTAL EXPENSE	0		0
452001	TELEPHONE	42,460	34,576	45,000
453001	UTILITIES	25,000	21,355	29,000
463001	BUILDING MAINTENANCE	85,000	91,910	120,000
473001	In Lieu of Taxes on NRD Properties (Saline Wetlands)	4,184	4,184	4,184
763010	BUILDINGS	500,000	0	900,000
	Storage property/facilities	500,000		900,000
765010	MACHINERY AND EQUIPMENT	45,000	29,968	50,000
	GPS Survey Equipment	30,000	29,968	35,000
	Miscellaneous	15,000		15,000
		0		
767010	AUTO AND TRUCK PURCHASES	60,000	32,469	50,000
	Vehicles	60,000	32,469	50,000
769010	OFFICE EQUIPMENT	10,400	9,373	47,500
	Sound System Large Conference Room	0		42,500
	New office phone system	10,400	9,373	0
	Office Furniture	0	0	5,000
	TOTAL	1,785,591	1,000,582	2,309,504

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXPENDITURES THROUGH June 30, 2022	FY 2023 BUDGET
	PERSONNEL COSTS			
415000	EMPLOYEE BENEFITS	647,018	588,578	710,850
010	Workers Compensation	19,168	13,842	14,000
030	Retirement	145,000	124,854	145,000
034	Employee Assistance Program (EAP)	2,000	1,650	5,000
040	Health and Vision	400,000	387,006	465,000
042	Flex 125	850	572	850
050	Term Life, AD&D, LTD	26,500	20,901	26,500
060	Dental	34,500	29,010	34,500
070	Continuing Education Assistance	15,000	8,733	15,000
090	Wellness Program	4,000	2,010	5,000
435001	PAYROLL TAXES	195,000	166,803	195,000
455000	SALARIES-CLERICAL	235,694	218,691	233,531
001	Secretary-Cass	42,769	42,771	46,482
003	Secretary-Lancaster	49,463	49,465	52,444
004	Secretary-NRD	53,914	53,916	57,073
005	Receptionist/Secretary	49,548	49,550	52,532
007	Clerks-But., Sa., & Se., Co.	40,000	22,989	25,000
457000	SALARIES-ADMINISTRATIVE	363,451	363,455	381,474
001	General Manager	163,000	163,000	169,000
003	Ass't General Manager	114,351	114,355	120,930
009	Administrative & Finance Manager	86,100	86,100	91,544
459000	SALARIES-TECHNICAL	1,804,191	1,669,761	1,921,002
001	Operation and Maintenance Coordinator	88,546	88,550	93,092
002	Operation and Maintenance Technician	62,771	62,773	66,284
003	Resources Tech.-Cass NRCS	55,000	37,156	47,956
004	Resources Tech Soil Conservationist (NACD Grant)	51,167	51,021	54,063
005	Resources Tech.-Lancaster NRCS	59,986	59,988	64,389
006	Stormwater/Watershed Specialist	70,025	70,027	72,829
008	Cons. Technician-NRCS Offices	15,000	9,362	15,000
009	Resources Coordinator	106,440	70,255	87,834
010	Resources Conservationist	69,119	69,121	74,887
011	Environmental Education/Communication Coordinator	86,034	86,038	90,481
012	Public Communications Specialist	71,066	71,068	66,850

ACCOUNT NUMBER	DESCRIPTION	FY 2022 BUDGET	FY 2022 EXPENDITURES THROUGH June 30, 2022	FY 2023 BUDGET
013	Water Resources Conservationist	62,493	62,495	65,995
014	Water Resources Coordinator	93,551	96,777	105,000
015	Projects Coordinator	97,702	97,706	101,615
016	Interns/EE Aides	20,000	9,167	15,000
017	Summer Temporaries	55,000	56,210	65,000
018	IS Administrator	97,350	97,353	102,248
020	GIS Specialist	75,220	75,223	78,232
021	Water Resources Technician	56,831	56,833	60,107
022	Operation and Maintenance Technician	63,660	63,662	67,208
023	Maintenance Technician	44,736	47,109	47,528
025	Maintenance Technician (PCHB)	47,053	47,055	49,938
031	Environmental Educator	53,670	53,672	56,819
032	Social Media Strategist	55,000	39,799	0
040	Bookkeeper	40,000	34,417	38,000
043	Water Resources Compliance Specialist	66,965	66,967	71,647
044	Engineer	104,806	92,383	103,000
045	Drinking Water Protection Specialist	0	0	60,000
050	Adjustments	35,000	-2,426	35,000
051	One Time Inflation Adjustment	0	0	65,000
460000	SALARIES-MAINT. & CONSTRUCTION	195,000	164,656	255,000
001	Dept. of Corrections Agreement	175,000	148,411	225,000
002	Fuel and Supplies	20,000	16,245	30,000
	TOTAL	3,440,354	3,171,944	3,696,857
	GRAND TOTAL	25,105,156	10,771,643	#####

ACCOUNT NUMBER	REVENUE SOURCES	FY 2022 BUDGET	FY 2022 REVENUE THROUGH June 30, 2022	FY 2023 BUDGET
	STATE SOURCES			
301050	Buffer Strips Program	31,500	35,087	38,000
301080	NET, Conservation Easements	0		0
301120	Saline Wetlands Restoration	0		0
301234	ENWRA Project Coordinator	0		0
301250	Water Well Decom. Fund (GW BMPs)	2,000	1,519	2,000
301260	Water Sustainability Fund	250,000		247,500
301262	Integrated Mgmt Plan (WSF)	10,768	4,792	0
301264	Integrated Mgmt Plan (NDNR)	11,606		0
301270	ENWRA Projects	0	14,800	108,000
301271	ENWRA AEM Flights	0		0
301330	Beal Slough Flood Reduction Improvements	0		0
301343	Deadmans Run (WSF)	684,146	48,174	2,598,000
301650	NE Water Quality Fund	24,500	34,322	0
301720	Lower Platte River Corridor Alliance (Administration)	6,000	5,000	5,000
301724	Lower Platte River Projects	25,000		0
301785	Saline Wetlands Partnership	0		0
301790	Western Sarpy/Clear Creek Project (Lincoln)	0		0
	State Subtotal	1,045,520	143,694	2,998,500
	LOCAL SOURCES			
302011	NRDS, Lower Platte River Corridor Alliance (Administration)	2,000	2,000	2,000
302014	NRDS, Lower Platte River Studies	88,255	96,034	126,200
302027	Watershed Structures	0		0
302032	Landowners & Communities, GW BMPs	2,150	2,040	11,090
302040	Floodplain ROW / Nonstructural	0		0
302041	Stevens Creek Stream Stability Projects	0		0
302043	Deadmans Run Master Plan Project	454,569		1,092,000
302044	General Projects Master Plan	190,262	259,532	781,000
302045	Salt Creek Flood Warning System	25,000	22,736	25,000
302050	Corn Growers Buffer Strips Program	450		0
302052	Antelope Valley	0		0
302081	Tree Planting Landowners	47,378	37,982	42,250
302144	Mopac East Trail	16,000	4,000	0
302145	Trail Users Donations	3,000	2,876	3,000
302148	ENWRA Office Rental	5,000	5,000	5,000
302150	Salt Creek Trail	177,150	122,154	5,000
302164	South Salt Creek Master Plan	0		0
302165	Non-Basin Master Plan	50,000	46,027	50,000
302172	Little Salt Fork Marsh	0		0
302175	Prairie Corridor Conservation Easement	726,800		513,300
302185	Wetland O&M Reimbursements	7,000	7,000	7,000
302191	TNC Stewardship Reimbursement	0		0
302195	Saline Wetlands Partnership	2,000	2,000	2,000
302202	Little Salt Cr Master Plan (City)	0		0
302203	Little Salt Cr Master Plan (County)	0		0

ACCOUNT NUMBER	REVENUE SOURCES	FY 2022 BUDGET	FY 2022 REVENUE THROUGH June 30, 2022	FY 2023 BUDGET
302440	Intergrated Management Planning	14,602		0
302450	Deadmans Run	0		0
302500	Community Assistant Program	0		0
302501	Pumper Unit Reimbursement	0		10,000
302502	WSCC Fuse Plug Reimbursement			11,713
302700	ENWRA Project	9,150		0
302701	ENWRA	194,000		
302705	ENWRA Dues	181,900	176,900	152,350
302710	ENWRA Coordinator	0		
	Local Subtotal	2,196,666	786,281	2,838,903
	FEDERAL SOURCES			
303024	Salt Creek Levee Trail	0		0
303027	Saline Wetlands Restoration	0		0
303048	Little Salt Springs Wetland	230,000	42,150	10,000
303140	LPRCA River Projects	30,000		12,000
303220	Watershed Structures Rehabilitation	1,382,665	449,103	25,000
303222	Section 319 Watershed Protection	90,000	9,618	132,000
303252	NACD Technical Ass't Grant	59,600	51,299	61,600
303330	FEMA Multihazard Mitigation Plan			0
303332	FEMA Disaster Relief	1,485,000	19,955	1,615,727
303762	Integrated Management Planning	100,000		0
303782	Windbreak Renovation Program	15,000		15,000
303783	Section 319 Drinking Water Protection Specialist	0		60,000
303784	WMA Cottontail (Woody Veg)			45,000
303785	NACD Grant PR Reimbursement			2,000
	Federal Subtotal	3,392,265	572,125	1,978,327
	INCOME TOTALS	6,634,451	1,502,100	7,815,730

COUNTY	2021 VALUATION	2022 VALUATION	2022 GROWTH	% OF TOTAL VALUATION	SHARE OF FY 2023 TAX REVENUE
Butler	184,762,269	190,371,272	963,411	0.49%	49,501
Cass	3,883,382,658	4,249,120,580	41,828,662	10.88%	1,104,870
Lancaster	31,869,268,069	33,161,169,764	683,999,458	84.90%	8,622,676
Otoe	160,768,885	162,988,859	1,594,733	0.42%	42,381
Saunders	782,212,632	850,738,073	15,878,070	2.18%	221,212
Seward	428,149,553	447,001,239	3,527,927	1.14%	116,231
TOTALS	37,308,544,066	39,061,389,787	747,792,261	100.00%	10,156,870

For Fiscal Year 2023 the tax levy needed to produce the tax requirement of \$10,156,870 is calculated as follows:

	Tax Levy	=	Tax Revenue X 100
			Total Valuation
	Tax Levy	=	10,156,870
			39,061,389,787
	Tax Levy	=	\$0.026002/\$100 Actual Valuation

Section 9

Long Range Implementation Plan

**SCHEDULE FOR UPDATE OF LONG RANGE
IMPLEMENTATION PLAN (LRIP) AND PREPARATION AND CONSIDERATION OF
FY2024 BUDGET**

Subcommittee Meetings on LRIP & Budget

LRIP Accomplishments - FY2024 Proposed Actions/Budget to be mailed out one week before subcommittee meets

April-May 2023	Executive Subcommittee Urban Subcommittee Water Resources Subcommittee Recreation, Forestry & Wildlife Subcommittee Land Resources Subcommittee Platte River Subcommittee Finance and Planning Subcommittee Information & Education Subcommittee Integrated Management Subcommittee
Thursday May 26, 2023	Deadline for Budget Recommendations
Friday, June 9, 2023	Draft #1 Budget Prepared & Distributed by Finance and Planning Subcommittee
Wednesday, June 14, 2023 (5:30 PM) Wednesday, June 21, 2023 (6:00 PM) (Note: starting time is 6:00 PM) Wednesday, June 28, 2023 (5:30 PM) (if needed) June 30, 2023	Finance and Planning Subcommittee Board of Dir Mtg & Public Input Session Finance and Planning Subcommittee End of Fiscal Year 2023
July 1, 2023 Wednesday, July 12, 2023 (5:30 PM) Wednesday, July 19, 2023 (7:00 PM) Wednesday, July 26, 2023	Start of Fiscal Year 2024 Finance and Planning Subcommittee Board of Dir Mtg & Tentative Budget Approval Budget on file with District
Wednesday, August 2, 2023	Publish Notice of Budget Hearing (Must be posted 4 days before meeting) *Special Notice for hearings on certain property tax changes*
Wednesday, August 9, 2023 (5:30 PM) Wednesday, August 9, 2023 (6:00 PM) (immediately after hearing) Wednesday, August 16, 2023 (7:00 PM) Monday, August 21, 2023 Monday, August 30, 2023	Public Hearing on Budget *Special Notice for hearings on certain property tax Finance and Planning Subcommittee Board of Dir Mtg and budget approval County Assessors' Certification of Valuations Publish Notice to Set Final Tax Request (send to newspaper)
Wednesday September 13, 2023 (5:30 PM) Wednesday, September 13, 2023 (6:00 PM)	Special Hearing to Set Final Tax Levy Finance and Planning Subcommittee Tentative LRIP Approval & Tax Levy Rate Resolution
Wednesday, September 20, 2023 (7:00 PM)	Board of Dir Mtg and approval of LRIP and Tax Levy Rate Resolution
Friday, September 29, 2023	Deadline to file state budget and certify required property tax amount w/ Counties & State (New Deadline of the 29th)
Tuesday, October 10, 2023 (5:30 PM) Wednesday, October 18, 2023 (7:00 PM)	Finance and Planning Subcommittee -Auditors Present Audit Auditors Present Audit at Board Meeting

Updated 12/23/2022

Long Range Implementation Plan

July 1, 2022—June 30, 2027

**Lower Platte South
Natural Resources District**



FY2023 Long Range Implementation Plan

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Click Here to view
entire Long Range
Implementation Plan (LRIP)

Section 10

Other NRD Plans

Other NRD Plans

- **Ground Water Management Plan (GWMP) - 1995**
- **Integrated Management Plan (IMP) - 2014**
- **Hazard Mitigation Plan (HMP) - 2020**
- **Lower Platte River Basin Coalition Basin Water Management Plan - 2017**
- **Lower Platte River Drought Contingency Plan - 2019**
- **Water Quality Management Plan - 2019**

Section 11

Projects / Programs

NATURAL RESOURCE BENEFITS OF PRACTICES & PROGRAMS

Lower Platte South NRD

(H= High M= Medium L= Low)

March 9, 2021

Program & Practices	Ground Water Quality	Surface Water Quality	Water Conservation	Erosion Control	Changes in Climate/Carbon	Wildlife Habitat	Soil Health
Community Forestry	L	L	L	L	H	H	M
Conservation Forestry (Tree Seedlings)	L	M	M	H	H	H	M
Cover Crop Program	M	H	H	H	H	M	H
Farm Pond Cost share	M	H	H	H	M	H	L
Fertilizer Flow Meter	H	M	L	L	M	L	M
Filter/Buffer Strip Program	M	H	M	H	H	H	H
Flood Control Structure Cost Share Program	M	H	H	M	M	H	L
Irrigation Management Assistance Program	H	M	H	L	L	L	M
Rain Scapes Program-Lincoln	M	H	M	M	M	M	L
Rain Ready Landscapes Program	M	H	M	M	M	M	L
Road Structure Program	M	H	H	M	M	H	L
Spring Nitrogen Application Program (SNAP)	H	M	L	L	M	L	M
Soil Sampling Cost-Share Program	H	H	L	L	L	L	H
Well Decommissioning	H	L	L	L	L	L	L
Pollinator Habitat Improvement	H	H	H	H	H	H	H
Ag BMP Cost-Share							
• Terraces	M	H	M	H	L	L	M
• Grassed Waterways	M	H	M	H	H	H	H
• Pasture & Hay land Mgt.	H	H	M	H	H	H	H
• Pasture & Hay land Planting	H	H	M	H	H	H	H

The Lower Platte South NRD provides assistance to landowners for a variety of practices and programs that benefit our natural resources. The Purpose of this table is to provide a general understanding of the level of natural resources benefits that we can expect from each conservation practice or program. Benefits such as improved groundwater and/or surface water quality, water conservation, erosion control, changes in climate/carbon, wildlife habitat and soil health, are listed in each of the columns. The conservation practices or programs (not a complete list) are listed in the far-left column. For each program there is an estimated level of benefit, either H-High; M-Medium; or L-Low. The “changes in climate/carbon” benefit is associated with plants ability to store carbon in the plant or roots/soil and also utilizing lakes/wetlands as a carbon sink.

PROJECTS AND PROGRAMS

SUBCOMMITTEE

PROGRAM AREA / PROGRAM - PROJECT

Executive

- Personnel for District

Finance & Planning

- Directors planning and continuing education retreat
- Operations for District

Land Resources

Soil and Water Conservation (NRD-wide)

- Cost-share on practices (NRD and State NSWCP)
- Filter / Buffer Strip Program
- Special Practices

Soil and Water Conservation (Targeted)

- Salt Valley Lakes Watershed (targeted fields)
- Stevens Creek Watershed (storage terraces in eastern portion)
- Cover Crop Program
- Twin Lakes Watershed – Section 319

GIS Support and Imagery

- Aerial Imagery Projects

Urban

Storm Water Management / Flood Reduction

- Basin master planning and implementation
- Annual Stormwater Agreement (Work Plan) with Lincoln
- Implementation of Master Plan CIPs
- Cost-share on urban water quality projects
- Salt Creek Flood Reduction Project (COE) O&M
- Flood Warning System
- Nonstructural flood mitigation
- Deadmans Run Flood Reduction Project (COE)
- Flood plain management and regulation
- Stream gage agreement with USGS
- Antelope Creek Flood Reduction Project (COE) O&M
- Rain Ready Landscapes
- Lincoln Rainscapes Program

Lincoln Stream Channel Improvements

- 1963 Agreement with Lincoln
- Salt Creek
- Antelope Creek
- Oak Creek
- Oak Creek Weir Rehabilitation
- Lynn Creek
- Deadmans Run
- Beal Slough

SUBCOMMITTEE

PROGRAM AREA / PROGRAM - PROJECT

Operation and Maintenance of Improved Channels

- Salt Creek, Deadmans Run, Antelope Creek, Lynn Creek, Beal Slough and Oak Creek
- Salt Creek Levee Drainage Structure rehabilitation and SWIF

Community Assistance

- Cost-share approximately 50% on projects
 - Weeping Water
 - Louisville
 - The Preserve Dam - HOA

Water Resources

Dams and Road Structures

- Road Structure Program with counties 75% cost-share
- Flood Control Cost-Share Program
- Operation and Maintenance (190 = dams) (# high hazard)
- Rehabilitation of Dams, including Upper Salt Creek Watershed 3-A & Oak Middle 82-B
- Rehabilitation of Upper Salt Creek Watershed Grade Control Structures

Ground Water Management

- Monitoring and sampling
- GW BMP's District-wide
- CWSPA's (Ashland, Davey, Elmwood, Emerald SID #6, Greenwood, Hickman, Otoe RWD 3/Weeping Water, Pleasant Dale, Raymond, Union, Valparaiso, Waverly)
- CWS sampling and verification studies
- GWR monitoring wells
- Certified irrigated acres
- Chemigation Permits
- Fertilizer Flow Meter cost-share
- Lower Salt Creek GWR Phase II
- Water Well Flow Meter cost-share
- Phase II and Phase III Water Quality Areas
- ENWRA Partnership
- Vadose Zone Studies
- Dwight-Valparaiso-Brainard (DVB) Special Management Area
- AEM geologic mapping

Eastern Nebraska Water Resources Assessment (ENWRA)

- Multi-NRD AEM 3D Geological Model
- Nebraska GeoCloud

Integrated Management

Integrated Management Plan

- Joint LPSNRD / NDNR
- Goals / Objectives / Actions
- Lower Platte River Basin Water Plan Coalition
- Lower Platte River Consortium Drought Contingency Plan

SUBCOMMITTEE

PROGRAM AREA / PROGRAM - PROJECT

Recreation, Forestry & Wildlife

Trails

- MoPac East Trail
- MoPac East - LIED Connection
- Salt Creek Levee Trail
- Oak Creek Trail
- Homestead Trail
- Lied Platte River Bridge
- Operation and maintenance
- Highway 75/34 Platte River Bridge Trail
- Motocross

Wildlife Management Areas

- NRD Public Access Lakes and Wildlife Management Areas (8)

Habitat Improvement

- Partner on Pollinator & Grassland Diversity Programs
- Backyard Prairie Pollinator Program

Conservation Easements

- Saline wetlands, prairies, woodlands, etc.
- Platte / Missouri Corridor
- Floodplain preservation

Haines Branch Prairie Corridor

- Continue partnership with City of Lincoln operation, acquisition and maintenance of the Corridor Plan

Wetlands

- Lincoln Saline Wetland Nature Center
- Landmarks North 33rd / Schleich Wetland
- Whitehead Saline Wetland
- Dakota Springs Saline Wetland
- Little Salt Fork Saline Wetland
- Warner Saline Wetland
- Dial Wetland Conservation Easement
- Little Salt Springs Saline Wetland
- Marsh Wren Saline Wetland
- Operation and maintenance
- Blue Heron Marsh Wetland Bank
- Saline Wetlands Conservation Partnership

Tree Planting

- Tree Seedling Distribution
- Seedling Cost-Share Program
- Community Forestry Program
- Forestry Agreement with UNL
- Windbreak Renovation
- Tree Voucher Program

SUBCOMMITTEE

PROGRAM AREA / PROGRAM - PROJECT

Information & Education

Programs and Projects

- Signs / brochures
- Stormwater Public Education
- BMP tour
- Promote tree planting, development of nature trails and NRD public access property
- CWSPA information and education
- Groundwater user information and education

Environmental Education

- Outdoor classrooms
- earth wellness festival
- EE Workshops
- Lincoln Children's Zoo River Exhibit
- Scholarships
- Arbor Day Trees, Butterflies and Worms
- Special Events (Home & Garden Show, Husker Harvest Days)
- Partner with Lincoln on Pioneers Park Nature Center
- Middle School and High School Assistance
- Family Nature Nights
- Prairie Immersion Program

General Awareness

- Know Your NRD newsletter
- Social Media
- Promote projects / programs (print media campaign)
- Web Site
- TV and radio ad campaign

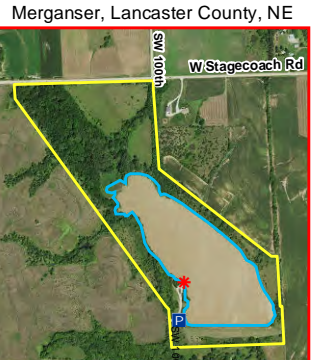
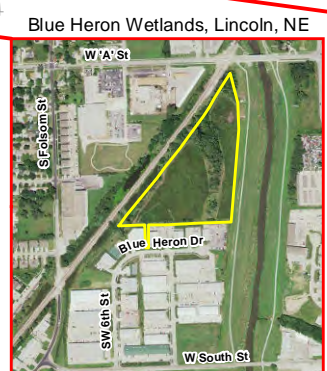
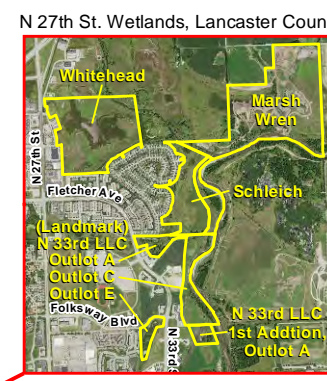
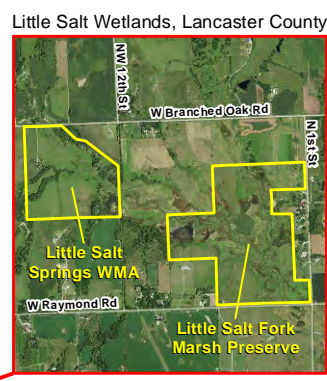
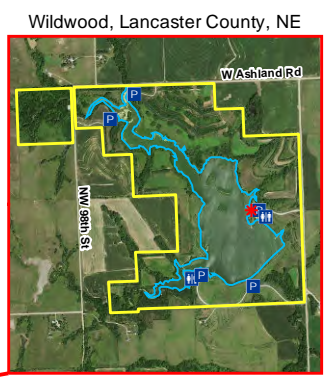
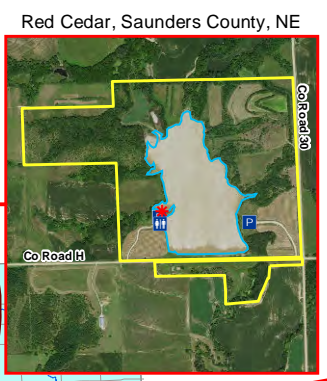
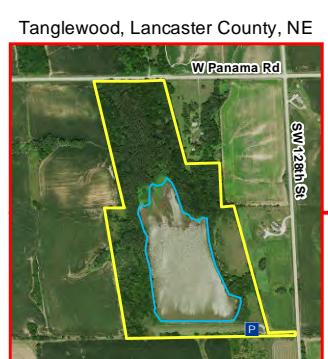
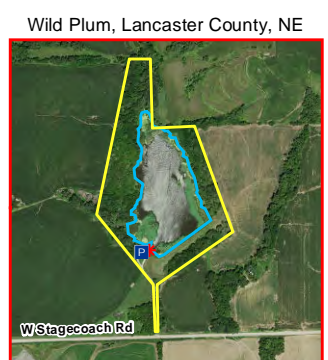
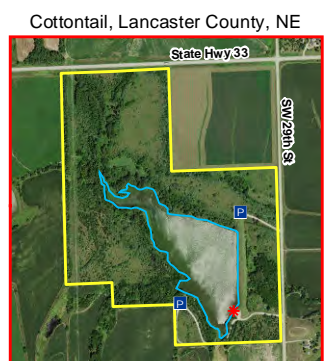
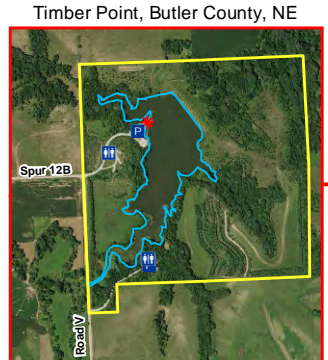
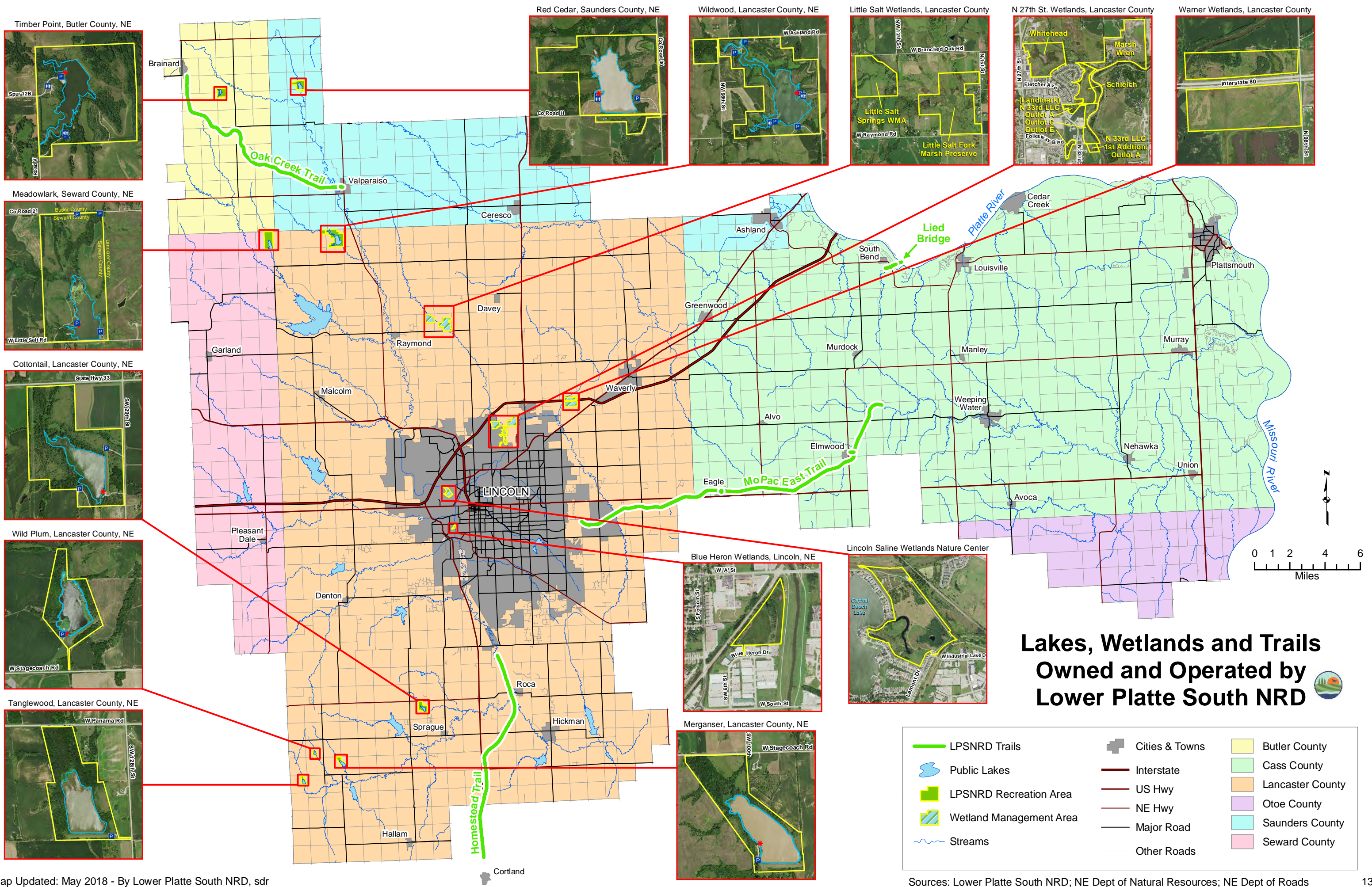
Platte River

Platte River

- Lower Platte River Corridor Alliance (with Papio-Missouri River NRD and 6 State agencies)
- Western Sarpy / Clear Creek Project O&M
- Platte River Water Quality monitoring
- River Obstruction removals
- Education and outreach
- Lower Platte River Weed Management
- Liaison services in Washington DC (Water Strategies)
- Ice Jam Agreement
- Conservation Easements

LPSNRD Projects, Property, and Operation & Maintenance Responsibilities

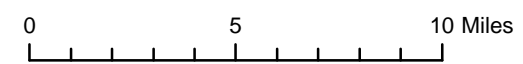
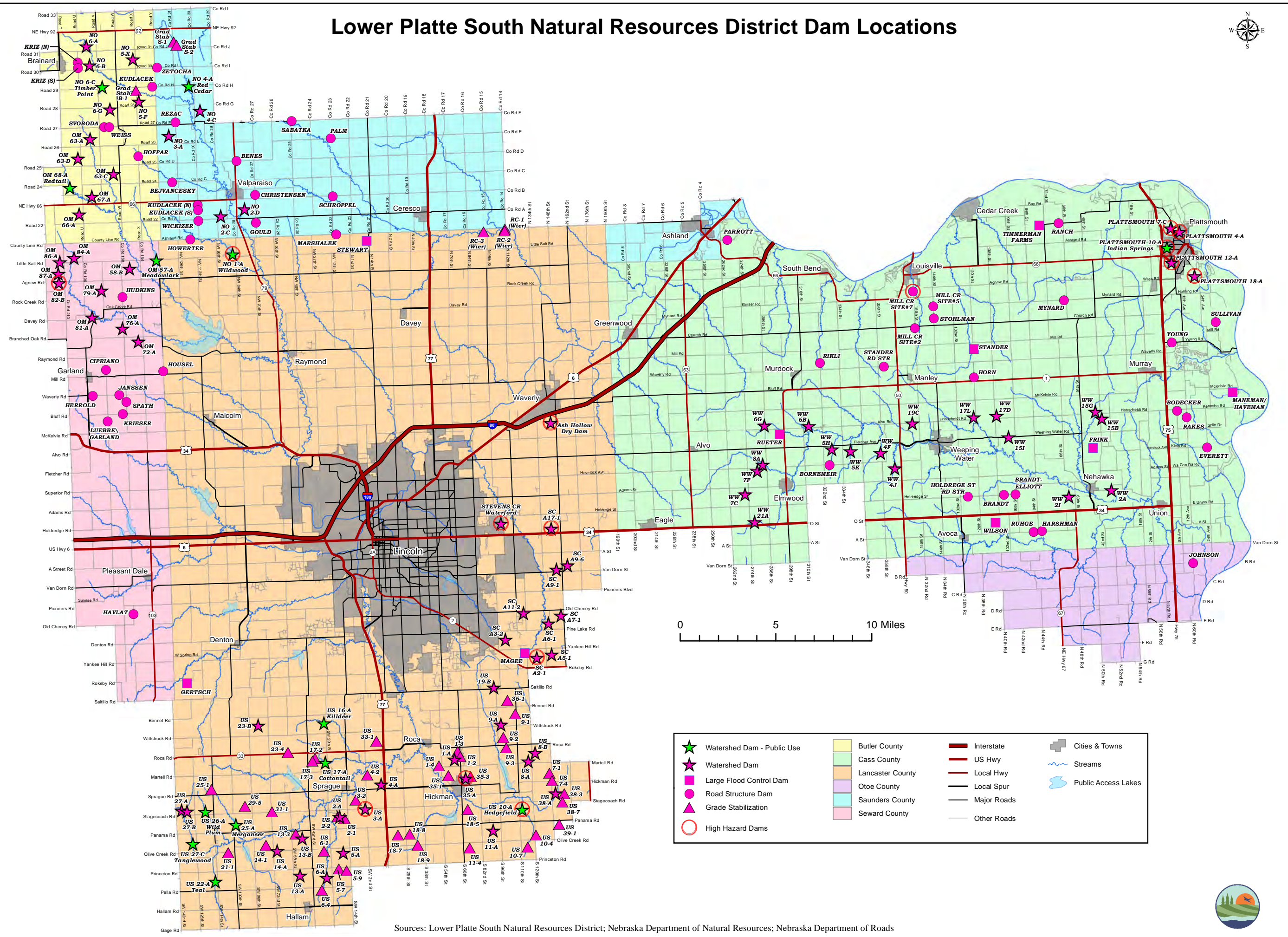
SUMMARY								
Category	Lead Staff	Fencing (LF)	Control Tree (ac)	Mowing (acres)	NoxWeed Control (ac)	Culvert / Riser (#)	Gabions (LF)	Additional Info.
Urban Streams (pgs 2 - 5)		1,000	152.4	440.5	131.2	3	63,815	99 structures
Salt Creek-Salt Creek Levees (pg 6)		36,500	578	1,530	578	62	0	13.5 miles of levee
Watershed Dams (pgs 7 - 11)		210,600	710	0	293	125	0	130 structures
Non Watershed Dams (pgs 12 - 13)		20,500	143	0	0	60	0	60 structures
Stormwater Basins (pg 14)		0	9	2	2	4	0	
Trails - Conservation Corridors (pg 15)		455,000	695	137.5	695	47	0	49 miles of trail / 36 bridges
Cons/ Flood Plain Easements (pg 16 - 17)		0	0	0	17	0	0	1,984.14 acres
Wild Mgt. Areas (pg 18)		96,000	1,497	0	1,497	0	0	12 sites, 1,862 acres
Community Wetlands (pg 19)		13,700	937.48	15	937.18	3	0	12 NRD wetlands
Misc. Projects (pg 20)		800	8.4	1	1	5	0	
Haines Branch Prairie Corridor (21)								
Total		834,100 151 miles	4,730 6.6 sq. miles	2,126 3.3 sq. miles 600 mowed acres	4,151 5.9 sq. miles	309	63,815 12 miles	



Lakes, Wetlands and Trails Owned and Operated by Lower Platte South NRD

- | | | |
|-------------------------|----------------|------------------|
| LPSNRD Trails | Cities & Towns | Butler County |
| Public Lakes | Interstate | Cass County |
| LPSNRD Recreation Area | US Hwy | Lancaster County |
| Wetland Management Area | NE Hwy | Otoe County |
| Streams | Major Road | Saunders County |
| | Other Roads | Seward County |

Lower Platte South Natural Resources District Dam Locations

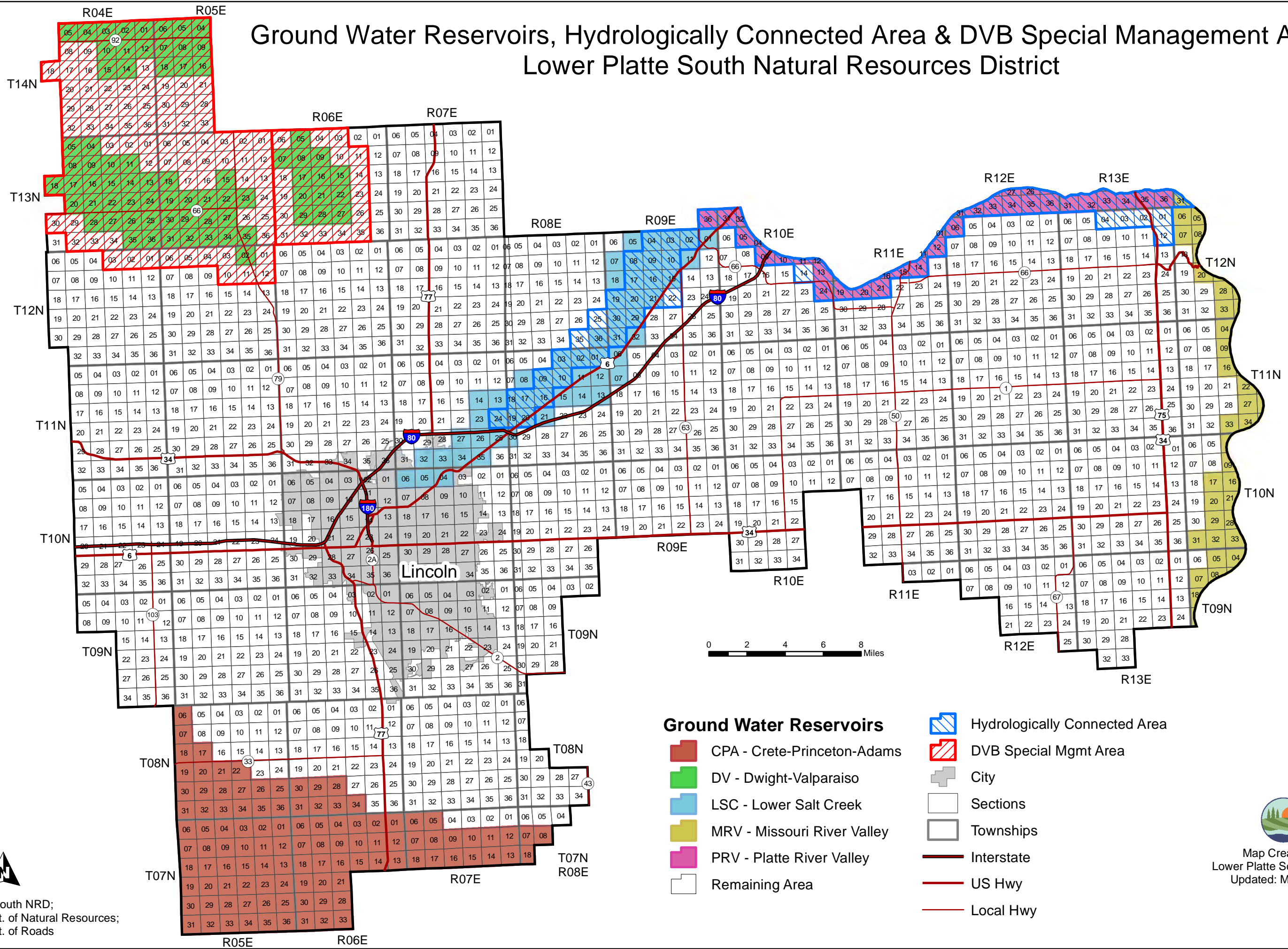


- | | | | |
|----------------------------|------------------|-------------|---------------------|
| Watershed Dam - Public Use | Butler County | Interstate | Cities & Towns |
| Watershed Dam | Cass County | US Hwy | Streams |
| Large Flood Control Dam | Lancaster County | Local Spur | Public Access Lakes |
| Road Structure Dam | Otoe County | Major Roads | |
| Grade Stabilization | Saunders County | Other Roads | |
| High Hazard Dams | Seward County | | |

Sources: Lower Platte South Natural Resources District; Nebraska Department of Natural Resources; Nebraska Department of Roads



Ground Water Reservoirs, Hydrologically Connected Area & DVB Special Management Area Lower Platte South Natural Resources District



Ground Water Reservoirs

- CPA - Crete-Princeton-Adams
- DV - Dwight-Valparaiso
- LSC - Lower Salt Creek
- MRV - Missouri River Valley
- PRV - Platte River Valley
- Remaining Area

Hydrologically Connected Area

- Hydrologically Connected Area
- DVB Special Mgmt Area
- City
- Sections
- Townships
- Interstate
- US Hwy
- Local Hwy

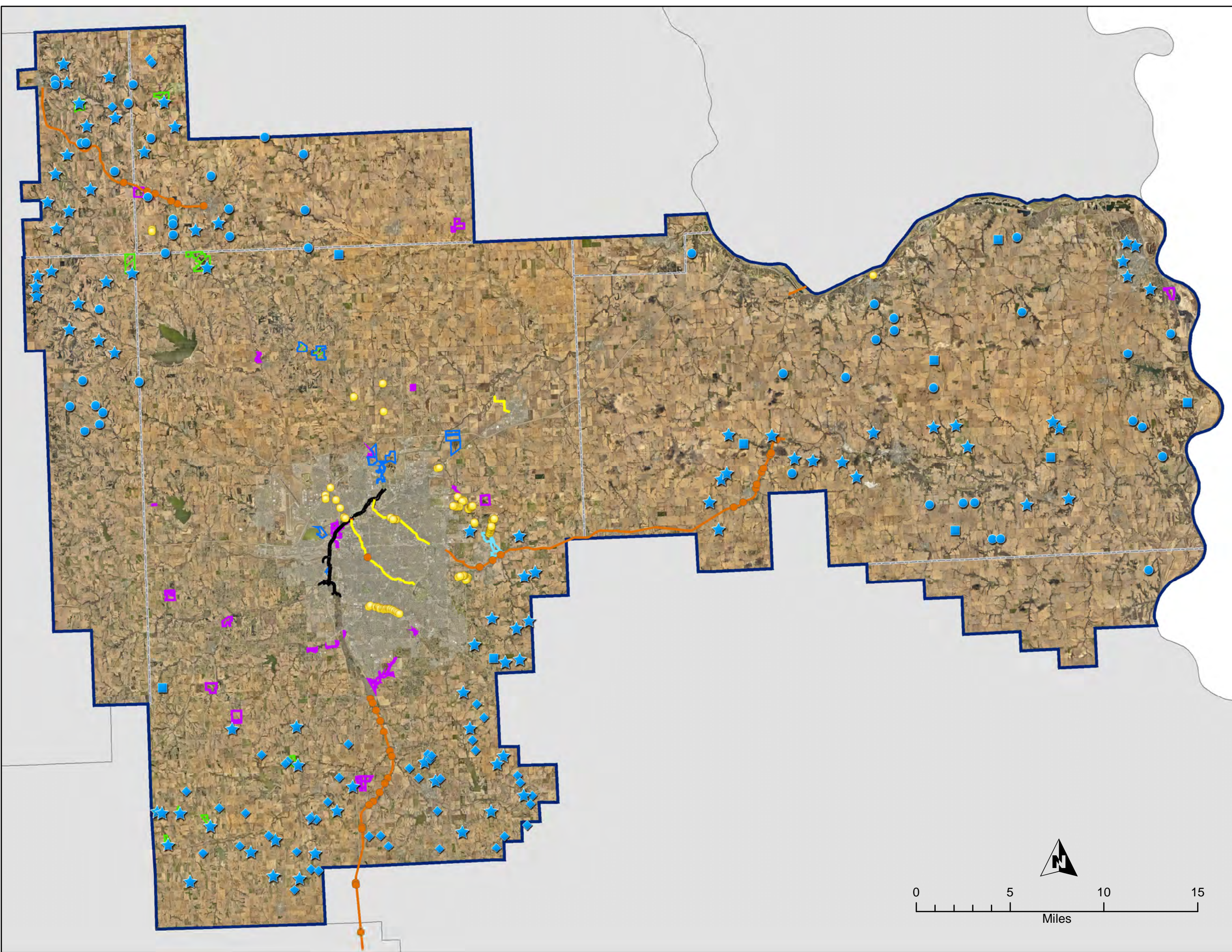
Sources:
Lower Platte South NRD;
Nebraska Dept. of Natural Resources;
Nebraska Dept. of Roads

Map Created By:
Lower Platte South NRD, sdr
Updated: March 2016

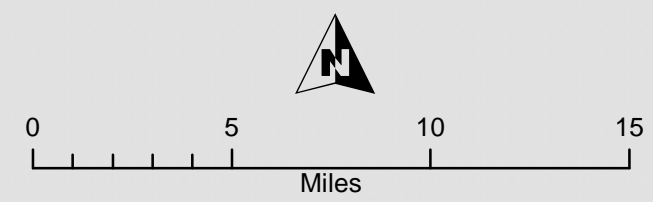


Lower Platte South Natural Resources District

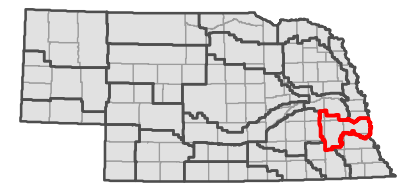
Operation & Maintenance Projects and Properties



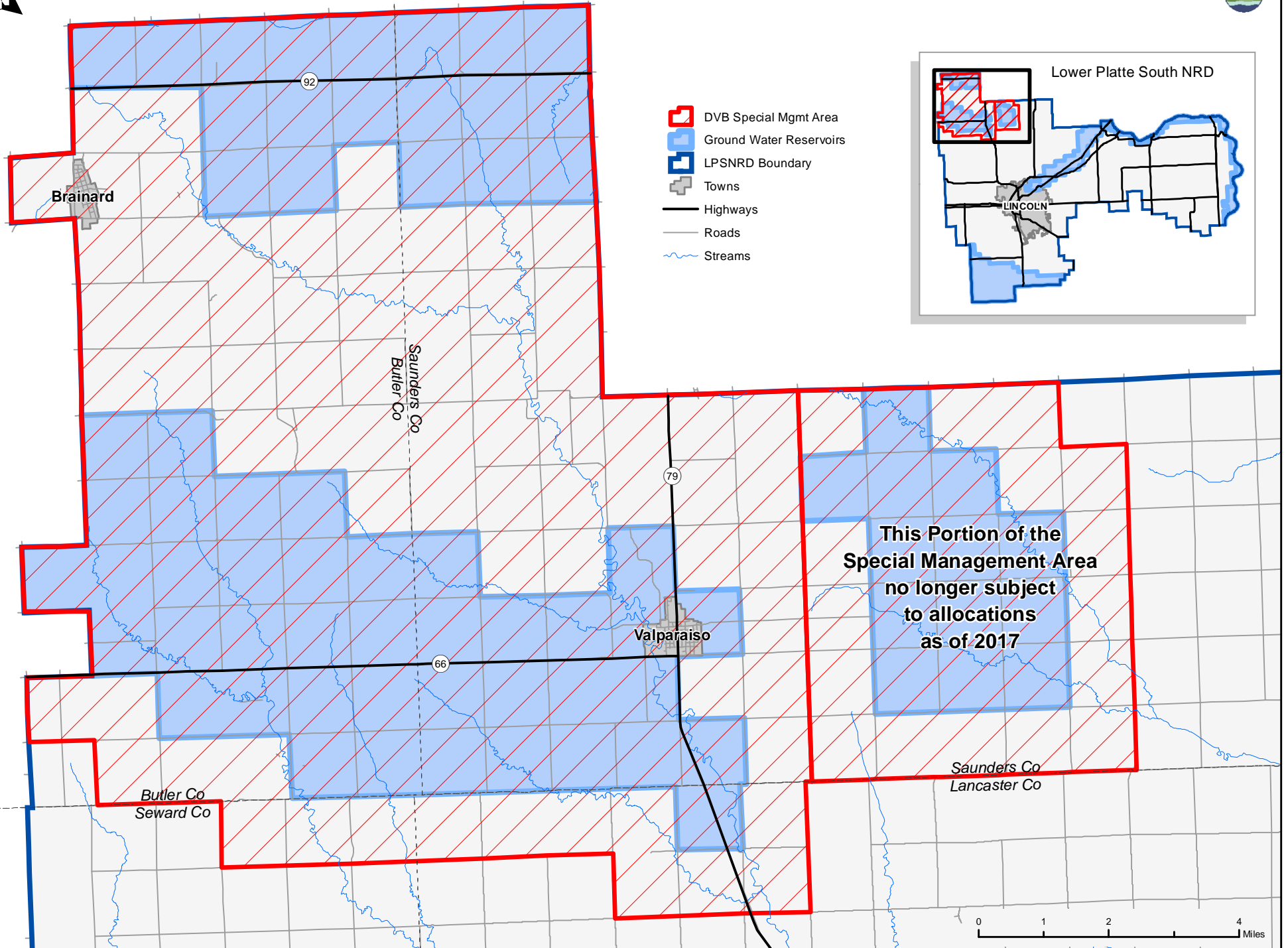
- ★ Watershed Dam (WS)
- Large Flood Control Dam (LFC)
- Road Structure (RS)
- ◆ Grade Stabilization (GS)
- LPSNRD Trail Bridge
- LPSNRD Trail
- Streambank Stabilization Project points
- Streambank Stabilization Project area
- Salt Creek Levee Project ROW Line
- LPSNRD Community Wetlands
- ▨ Wildlife Mgmt Area - LPSNRD Wetland
- ▨ Wildlife Mgmt Area - LPSNRD Lake Property
- ▭ Conservation Easements
- ▭ Floodplain Easements
- ▭ LPSNRD Boundary
- ▭ County Boundaries LPSNRD
- ▭ Other NRDs



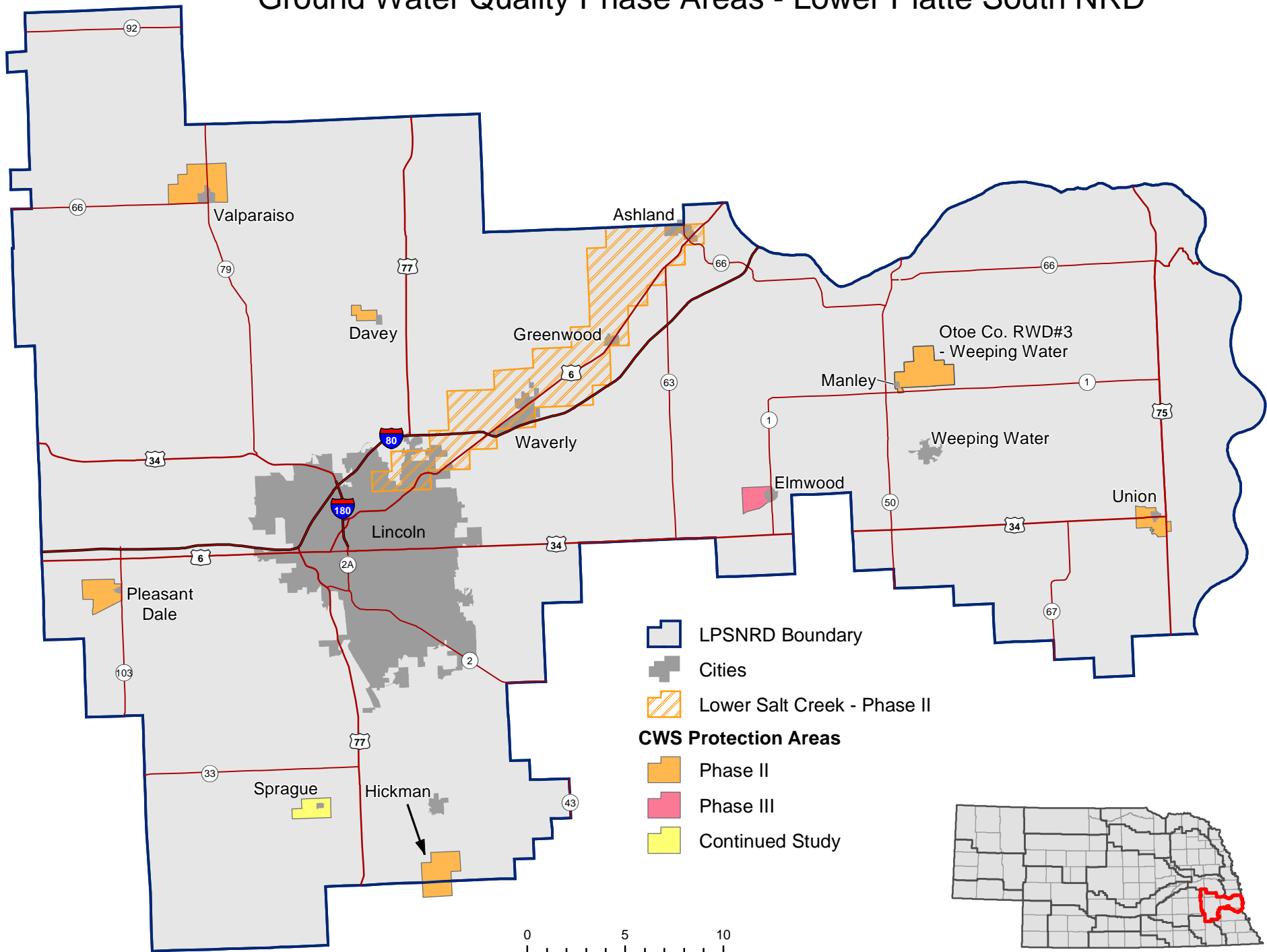
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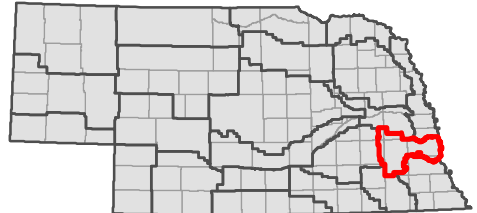
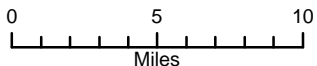
Dwight-Valparasio-Brainard Special Management Area



Ground Water Quality Phase Areas - Lower Platte South NRD



- LPSNRD Boundary
- Cities
- Lower Salt Creek - Phase II
- CWS Protection Areas**
- Phase II
- Phase III
- Continued Study



Updated: December 2015



Section 12

Cooperating Agencies

COOPERATING AGENCIES WITH THE LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT

Section 2-3235 (1) R.R.S. 1943 states:

“Each District shall have the power and authority to cooperate with or to enter into agreement with, and within the limits of appropriations available, to furnish financial or other aid to any cooperator, agency, governmental or otherwise, or any owner or occupier of lands within the District, for the carrying out of the projects for the benefit of the District as authorized by this act, subject to such conditions as the Board may deem necessary to advance the purpose of this act.”

The Interlocal Cooperation Act, as contained in Sections 23-2201 through 23-2207 R.R.S. 1943, applies also to Natural Resources Districts.

I. FEDERAL GOVERNMENT

1. United States Department of Agriculture (USDA)

(Memorandum of Understanding)

A. Natural Resources Conservation Service (NRCS)

(Mutual Agreement) (Cooperative Working Agreement)

1. Technical assistance for soil and water conservation - - provide technical assistance through NRD to individual landowners, groups, organizations, local and state agencies
2. Watershed planning, construction, financing and rehabilitation (PL556)
3. Design and layout of conservation measures
4. Soil surveys
5. Studies and inventories
6. Administers federal cost-share programs, including (EQIP) for conservation measures, Wetlands Reserve Program, Wildlife Habitat Incentives Program, Forestry Incentives Program, Grassland Incentives Program, Conservation Security Program

B. Farm Services Agency (FSA)

1. Administers USDA's farm program, Conservation Reserve Program, Conservation Reserve Enhancement Program, and Price support program disaster assistance to farmers.

C. Forest Service (FS)

1. Management of public lands in national forests and grasslands.
2. State and Private Forestry programs.
 - a. Forest Health protection
 - b. Cooperative Forestry
 - c. Urban and Community Forestry

D. Rural Development

1. Rural water and wastewater grants and loans

2. Department of Defense

A. Army Corps of Engineers (COE)

1. Planning of water and related resources development
2. Planning, design, finance and construction of projects for flood control, navigation, drainage, bank erosion, also hydroelectric power, water supply, water quality control, irrigation, fish and wildlife conservation and enhancement, and recreation.
3. Clearing and snagging
4. Emergency operations
5. Flood plain information studies
6. 404 permits (filling in water / wetlands)
7. Operation and maintenance on ten Salt Valley Dams
8. Oversees Salt Creek Levee Project

3. Department of the Interior

A. Bureau of Reclamation (BR)

1. Water supply development and distribution
 - a. Agriculture
 - b. Municipal and industrial/rural water
 - c. Recreational
 - d. Electric generation
 - e. Water Conservation and reuse

B. Fish and Wildlife Service (USFWS)

1. Wildlife refuge
2. Migratory bird conservation
3. Fish conservation and restoration
4. Endangered Species Act (ESA)

C. US Geological Survey (USGS)

1. Topographic mapping
2. Cooperative Water Program
 - a. Monitoring quantity and quality of ground and surface water
3. Mineral resources survey
4. National Streamflow Information Program (NSIP)
5. National Water Quality Assessment (NWQA)

D. National Park Service (NPS)

1. National Parks
2. Land and Water Conservation Fund (LWCF)
3. Wild and Scenic Rivers
4. Rivers, Trails and Conservation Assistance Program

4. Environmental Protection Agency (EPA)

1. Clean Water Act (CWA)

- a. NPDES Permits
- b. Section 319, Nonpoint Source
- c. Total Maximum Daily Loads (TMDL)
- d. Clean Lakes Program

2. **Safe Drinking Water Act (SDWA)**
 - a. Water quality standards
 - b. Source Water Protection (SWP)
 - c. Public Drinking Water Systems Programs
3. **Wastewater Management**
 - a. Animal Feeding Operations
 - b. Stormwater Program
4. **Wetlands and Watersheds**
5. **Department of Commerce (DOC)**
 - A. **National Oceanic and Atmospheric Administration (NOAA)**
 1. National Weather Service (NWS)
 - a. Weather information/flood warnings
6. **Department of Homeland Security (DHS)**
 - A. **Federal Emergency Management Agency (FEMA)**
 1. National Flood Insurance Program (NFIP)
 - a. Flood Insurance
 - b. Floodplain mapping
 - c. Cooperating Technical Partners
 2. National Dam Safety Program (NDSP)
 3. Mitigation Grants Program
 - a. Hazards Mitigation Grant Program (HGMP)
 - b. Flood Mitigation Assistance Program (FMA)
7. **Department of Transportation (DOT)**
 - A. **Federal Highway Administration (FHWA)**
 1. Surface Transportation programs
 - a. Enhancement Funds (Trails)
 - b. Recreation Trails Program (Trails)
 - B. **Surface Transportation Board (STB)**
 1. Rail abandonment/rail banking

II. STATE GOVERNMENT

1. **Nebraska Department of Natural Resources (NDNR)**
(Code Agency)
 1. Specific responsibilities for soil and water conservation, flood prevention and control, flood plain management and regulations, and state water planning and has jurisdiction over matters pertaining to rights to the use of water in all natural streams, for irrigation, power and other useful purposes.
 2. Provides staff assistance for the Natural Resources Commission (27 members, 13 from NRDs and 14 Governor appointees).
 3. Lead agency in State Water Planning.
 4. Issues, administers, and cancels appropriation permits for surface water.
 5. Examines and approves plans for all proposed dams.
 6. Cooperates with COE in dam safety inspections

7. Registers water wells
8. Ground Water Management Act responsibilities.
9. State programs of assistance to NRDs or others:
 - a. Well Decommissioning Fund
 - b. Water Quality Fund
 - c. Small Watershed Flood Control Funds (LB71)
A “quasi” revolving fund with grants to local sponsors to assist in ROW acquisition for various watershed and flood control projects.
 - d. Nebraska Water Sustainability Fund
 1. Grant and/or loan of state funds to assist in development and wise use of the states water and land resources.
 2. Eligible projects can be local projects, federal or state sponsored projects.
 3. Structural or non-structural measures for the purpose of flood control, fish and wildlife enhancement and mitigation, pollution abatement, outdoor recreation, irrigation development or rehabilitation, ground water recharge, water supply, streambank stabilization, erosion control, flood damage, reservation of lands for future projects.
 - e. Nebraska Soil and Water Conservation Program (NSWCP)
 1. State program administered by NRDs to cost-share with individual landowners on construction of eligible water conservation measures – including terraces, waterways, dams and irrigation reuse pits.
 - f. Provides some engineering and survey assistance to NRDs for special projects.
 - g. Administers Nebraska’s flood plain regulations act, and provides coordination of the federal flood insurance program.

2. Department of Environment and Energy (DEE)

(Code Agency)

1. Environmental Control Council
2. General supervision over prevention, abatement, and control of all water, land and air pollution, both point and non-point sources, solid and hazardous waste.
3. Enforces air and water quality standards
4. Administers EPA wastewater construction grant program
5. Ground water quality protection strategy
6. Chemigation

3. Game and Parks Commission (G&PC)

(Not a Code Agency)

1. Governed by a 8 member commission
2. Purpose: husbandry of state’s wildlife, park and outdoor recreation resources in the best long-term interest of the people.
3. Assists in the management of waters that can provide public fishing – including stocking, inventories, research and investigation of surface water quality affecting fishing waters.
4. Assists NRDs, other agencies, and private landowners in establishing and managing wildlife habitat.
5. Administers habitat program and funds

- a. Development on state lands and roadside seeding.
 - b. Acquisition and management of wildlife management areas
 - c. Cost-share with NRDs, WHIP and Wild Nebraska
 - 6. Enforcement of fish and game regulations
 - 7. Owns and/or manages public use areas, including State Parks, Historical Parks, Recreation Areas, Wayside Areas, Wildlife Refuges, Wildlife Areas.
 - 8. Information and education programs
 - 9. Administers Land and Water Conservation Fund
 - 10. Administers Recreation Trails Program and Nebraska Trails Development Act funds.
 - 11. Funds for fishery enhancement, boating and angler access.
- 4. Department of Health (DOH)**
- 5. Institute of Agriculture and Natural Resources, University of Nebraska – Lincoln (IANR-UNL)**
- A. College of Agriculture**
 - B. Agricultural Experiment Stations**
 - C. Cooperative Extension Service (CES)**
 - 1. Information and education arm of UNL - - 4-H
 - 2. Workshops, seminars on conservation topics, e.g. conservation tillage, irrigation water management, pesticide, chemigation training.
 - 3. Produces and disseminates “NebGuides” and other materials
 - D. Conservation and Survey Division**
 - 1. State Geologist
 - 2. Conducts geologic and natural resources survey, ground water information, materials, soil surveys, land use inventories
 - E. Water Center**
 - F. Department of Forestry, Fisheries and Wildlife**
- 6. University of Nebraska**
- A. College of Engineering**
 - B. College of Architecture**
- 7. Department of Transportation (NDOT)**
- 8. State Historical Society**
- 9. State Board of Educational Lands and Funds (BELF)**
- 10. State Department of Education**

9. NE Emergency Management Agency (NEMA)

III. LOCAL GOVERNMENTS

1. Counties

1. Various offices and departments, e.g. County Boards, Clerk, Assessor, Highway Department, Weed Districts, Emergency Management, Health Department, Planning Department
2. Road structures
3. Roadside seeding
4. Flood control and warning
5. Drainage improvement
6. Zoning
7. Flood Plain Management Regulations
8. Recreation
9. Tax collection

2. Townships

3. Cities and Villages

1. Zoning
2. Flood control
3. Flood Plain Management Regulations
4. Drinking Water Supply & Protection
5. Surface Water Quality Protection
6. Drainage improvement
7. Recreation

5. School Districts

6. Rural Fire Departments

7. County Historical Societies

8. NRDs

IV. ORGANIZATIONS AND ASSOCIATIONS

1. Nebraska Association of Resources Districts (NARD)

1. A nonprofit corporation to which all 23 NRDs belong as members (one representative on NARD Board from each District).
2. Represents the Districts on matters of common interest and concern involving resources development and management.
3. Lobbying and liaison with legislature, Congress and other agencies.
4. Information and education
5. Direct district services.
 - a. Administration of employee benefit programs

2. National Association of Conservation Districts (NACD)

3. Nebraska Water Resources Association (NWRA)

- 4. National Water Resources Association (NWRA)**
- 5. Soil and Water Conservation Society (SWCS)**
- 6. Nebraska Land Improvement Contractors Associations (NLICA)**
- 7. Lincoln Chamber of Commerce**
- 8. Nebraska Wildlife Federation**
- 9. American Water Resources Association**
- 10. League of Municipalities**
- 11. Nebraska Association of County Officials**
- 12. Nebraska Land Trust**
- 13. Lower Platte River Basin Water Management Plan Coalition**
- 14. Lower Platte River Consortium**

Section 13

Abbreviations / Acronyms

COMMONLY USED ABBREVIATIONS AND ACROYNMS

319 Program	Non Point Source Pollution Program by EPA & NDEQ
404 Permit	Water body and wetlands fill permits administered by COE
ARS	Agriculture Research Service, an agency within the U.S. Department of Agriculture
ASDSO	Association of State Dam Safety Officials
ASPA	American Society for Public Administration
AWRA	American Water Resources Association
AWWA	American Water Works Association
BIA	Bureau of Indian Affairs, an agency within the U.S. Department of the Interior
BLM	Bureau of Land Management, an agency within the U.S. Department of the Interior
BMP	Best Management Practices
BOR	Bureau of Reclamation, an agency within the U.S. Department of the Interior
CD	Civic Defense, county or state
CES	Cooperative Extension Service, a combination federal, state and local agency
COE	Corps of Engineers, U.S. Army, Department of Defense
CRP	Conservation Reserve Program, administered by USDA under farm bill
CSD	Conservation and Survey Division, IANR-UNL
CWSPA	Community Water System Program Area (a.k.a. "cow spa")
E&SC	Erosion and Sediment Control
EPA	U.S. Environmental Protection Agency
ENWRA	Eastern Nebraska Water Resources Assessment
EQIP	Environmental Quality Improvement Program, a federal conservation cost-share program administered by NRCS/FSA
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency

FHWA	Federal Highway Administration
FIS	Flood Insurance Study, conducted by FEMA
FS	Forest Service, an agency within the U.S. Department of Agriculture
FSA	Farm Service Agency, an agency within the U.S. Department of Agriculture or Food Security Act
GMDA	Groundwater Management Districts Association
GPTN	Great Plains Trails Network
GWF	Ground Water Foundation
GWMA	Ground Water Management Area
GWMP	Ground Water Management Plan
IANR-UNL	Institute of Agriculture and Natural Resources, University of Nebraska
IECA	International Erosion Control Association
IPA	Improvement Project Area
IPMA	International Personnel Management Association
ISTEA	Intermodal Surface Transportation Efficiency Act, predecessor of current T-21 program with provides federal funding for trails projects
LLCHD	Lincoln/Lancaster County Health Department
LRIP	Long Range Implementation Plan
MOU	Memorandum of Understanding
NAAEE	North American Association of Environmental Education
NAC	Nebraska Agrelations Council
NACD	National Association of Conservation Districts
NALMS	North American Lake Management Society
NARD	Nebraska Association of Resources Districts
NATS	Nebraska Association of Teachers of Science
NCC	Nebraska Conservation Corporation
NDEQ	Nebraska Department of Environmental Quality

NDNR	Nebraska Department of Natural Resources
NDOH	Nebraska Department of Health
NDOT	Nebraska Department of Transportation
NEEA	Nebraska Environmental Education Association
NET	Nebraska Environmental Trust
NGPC	Nebraska Game and Parks Commission
NLICA	Nebraska Land Improvement Contractors Association
NNRC	Nebraska Natural Resources Commission
NOI	Notice of Intent, to disturb soil in the City of Lincoln
NRCS	Natural Resources Conservation Service, an agency within the U.S. Department of Agriculture
NRD	Natural Resources District
CPNRD	Central Platte NRD
LCNRD	Lewis & Clark NRD
LBNRD	Little Blue NRD
LBBNRD	Lower Big Blue NRD
LENRD	Lower Elkhorn NRD
LLNRD	Lower Loup NRD
LNNRD	Lower Niobrara NRD
LPNNRD	Lower Platte North NRD
LPSNRD	Lower Platte South NRD
LRNRD	Lower Republican NRD
MNNRD	Middle Niobrara NRD
MRNRD	Middle Republican NRD
NNRD	Nemaha NRD
NPNRD	North Platte NRD

PMNRD	Papio-Missouri River NRD
SPNRD	South Platte NRD
TBNRD	Tri-Basin NRD
TPNRD	Twin Platte NRD
UBBNRD	Upper Big Blue NRD
UENRD	Upper Elkhorn NRD
ULNRD	Upper Loup NRD
UNWNRD	Upper Niobrara-White NRD
URNRD	Upper Republican NRD
NREF	Nebraska Resources Enhancement Fund, administered by NNRC
NRPA	Nebraska Recreation and Parks Association
NRWA	Nebraska (National) Rural Water Association
NSA	Nebraska State Arboretum
NSIA	Nebraska State Irrigation Association
NSRA	Nebraska State Recycling Association
NSWCP	Nebraska Soil and Water Conservation Program, a state conservation cost-share program administered by NDNR
NTF	Nebraska Trails Foundation
NWDA	Nebraska Well Drillers Association
NWF	Nebraska Wildlife Federation
NWRA	Nebraska Water Resources Association / National Water Resources Association
NWS	National Weather Service
O&M	Operation and Maintenance
PL566	Public Law 566, Watershed Protection and Flood Control Act
RFP	Request for Proposals
RFQ	Request for Qualifications

RTC	Rails-to-Trails Conservancy
RTP	Recreational Trails Program, federal funds administered by NE Game & Parks
RWD	Rural Water Districts
SCTB	Salt Creek Tiger Beetle
SID	Sanitary Improvement District
SWCS	Soil and Water Conservation Society
SWPPP	Storm Water Pollution Prevention Plan
TMDL	Total Maximum Daily Load
UNK	University of Nebraska – Kearney
UNL	University of Nebraska – Lincoln
UNO	University of Nebraska – Omaha
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service, an agency with the U.S. Department of the Interior (also FWS)
USGS	United States Geological Survey, an agency within the U.S. Department of the Interior
WEF	Water Environment Federation