



# Nebraska Department of Environmental Quality

July 2014

## NONPOINT SOURCE POLLUTION MANAGEMENT PROJECT PROPOSALS INVITATION AND PROCEDURES

The Nebraska Department of Environmental Quality (NDEQ) is inviting proposals for funding under the Nebraska Nonpoint Source Pollution Management Program authorized through Section 319(h) of the Clean Water Act as administered by the U.S. Environmental Protection Agency. The department may consider the submitted proposals for the federal 319(h) grants awarded in 2015 and 2016 federal fiscal years. This document is also referred to as the **Request for Proposals** or **RFP**.

Funding eligibility, criteria for prioritization, application format, and special conditions are outlined in these procedures.

### REQUIRED FORMS AND DEADLINES:

Submissions must contain **ALL** the required materials to be considered for funding, including:

- Application Forms
- Project Narrative
- **Please Note: NDEQ is prioritizing projects which will develop implementable 9-element watershed management or 9-element groundwater management plans.**

These forms are available online at <http://deq.ne.gov>. To be considered, a Hard Copy of your proposal must be received in the NDEQ office, no later than the RFP Deadline:

**4:00 pm, Central Time, on Tuesday September 2nd, 2014.**

**Submit ONE HARD COPY of the proposal documents to:**

Nonpoint Source Program  
Nebraska Department of Environmental Quality  
1200 N Street, Suite 400  
P.O. Box 98922  
Lincoln, NE 68509

### QUESTIONS:

Please direct **any** questions you may have by e-mail to: **[NDEQ.NonPointSource@nebraska.gov](mailto:NDEQ.NonPointSource@nebraska.gov)**  
*Questions must be received by 4:00 p.m., Central time, August 18, 2014. Responses to those questions will be posted on NDEQ's website, <http://deq.ne.gov>, by August 22, 2014.*

**NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**PROCEDURES**

**for**

**NONPOINT SOURCE POLLUTION MANAGEMENT PROJECT PROPOSAL  
FUNDING UNDER SECTION 319 OF THE FEDERAL CLEAN WATER ACT**

**July 2014**

**I. INTRODUCTION.**

**A. Procedures for Nonpoint Source Pollution Management Project Proposals.**

This document constitutes the procedures for eligible organizations to submit proposals for nonpoint source (NPS) management pollution projects to the Nebraska Department of Environmental Quality (NDEQ) for funding under Section 319 of the federal Clean Water Act.

**B. Background.**

Section 319 of the federal Clean Water Act, as administered by the U.S. Environmental Protection Agency (EPA), provides funds to the NDEQ for the prevention and abatement of NPS water pollution and the rehabilitation of watershed resources. These funds are a potential source of support for surface and groundwater quality NPS management projects in Nebraska. Utilization of these funds for implementing NPS management projects requires a 40 percent non-federal funding match on the total costs of funded projects. Units and subunits of government, educational institutions, and nonprofit organizations are eligible recipients of sub-agreements from the NDEQ. Project eligibility and special conditions of these funds are described in this Invitation.

**C. Grant Process.**

Responsive project proposals will be reviewed by staff of the NDEQ and the EPA. Projects will be selected for full or partial funding and included in the NDEQ's Section 319 workplan and grant application submitted to EPA Region VII for funding. Projects are subject to final approval by the EPA. Project funding will be included in the EPA's Section 319 grant award to the NDEQ. Funds will be provided by the NDEQ by means of a sub-agreement with the project's sponsor.

The Federal Funding Accountability and Transparency Act (FFATA), Public Law 109-282 as amended, and associated Office of Management and Budget (OMB) directives, require registration by EPA assistance agreements in the Central Contractor Registration (CCR) database and a current Dun and Bradstreet Data Universal Numbering System (DUNS) number. Compliance with providing a CCR/DUNS number as part of the grant application will be verified as part of the administrative review process. The DUNS number will supplement other identifiers required by statute or regulation, such as tax identification numbers. Free registration and DUNS numbers may be requested at: <http://fedgov.dnb.com/webform>. The DUNS Number may be requested via the web and/or the dedicated toll-free DUNS Number request line at (866) 705-5711. Please do not delay requesting a DUNS number; requests for expedited numbers require payment of a fee. Funds cannot be awarded until a DUNS number is submitted.

#### **D. Tentative Timetable:**

September 2, 2014	Project proposals—including a <i>DUNS number</i> —received by the NDEQ.
September 18, 2014	NPS Review Committee review proposals.
October 3, 2014	Proposals are selected for development as Project Implementation Plans (PIPs).
November 4, 2014	Project Implementation Plans are submitted to EPA for approval.
January 15, 2015	Agreements developed for approved projects. Funding is made available to begin implementing approved Project Implementation Plans pending EPA award of Section 319 funds to NDEQ and EPA approval of the Project Implementation Plan.

## **II. PROJECT ELIGIBILITY**

The state NPS Management Program seeks to protect public health and existing water uses, prevent water quality degradation caused by NPS pollution, and improve water quality degraded by NPS pollution to the extent feasible. Proposed projects should direct funding toward pollution prevention and watershed or aquifer resource rehabilitation through installation of best management practices, education, demonstration, monitoring, technical assistance, and aquatic habitat improvement. Funding also may be available for planning and assessments that are critical for identifying and evaluating nonpoint source problems in areas of interest, watersheds or aquifers. Research projects are not eligible for funding. Section 319 funds must be used for NPS management activities based on the state priorities identified under the purview of NDEQ's *Strategic Plan and Operating Guidance for Implementation of the Nebraska Nonpoint Source Pollution Management Program: 2000-2015* (<http://deq.ne.gov/>).

### **A. General Project Requirements.**

1. This year, **NDEQ is prioritizing projects which will develop implementable 9-element watershed management or 9-element groundwater management plans.** Other types of projects will be considered, but developing plans is an agency priority. Please refer to Attachment D for more information.
2. Projects must address an identified state NPS area of interest, waterbody, or groundwater area, or an identified NPS concern.
3. Surface water or groundwater projects must address a hydrologic unit, watershed, or surficial area of manageable size: generally 50-square miles (32,000 acres) or less. Information and education projects must address enhancement of statewide capacity to deliver NPS information and education.
4. Projects must have good potential for success (i.e., tasks must yield measurable improvement in water quality, resource integrity, citizen attitudes and behaviors, etc.).
5. Public support and involvement in project planning and implementation must be demonstrated.
6. Project funding must include, at minimum, a 40 percent nonfederal match of total project costs. Nonfederal funding may include in-kind goods and services.

## **B. Areas of Interest, Waterbodies, and Groundwater Areas for Section 319 Projects.**

1. Areas of Interest identified for the development and implementation of surface water quality NPS management actions and aquatic habitat improvement (Attachment A).
2. Identified areas for aquatic habitat rehabilitation only (Attachment B).
3. Groundwater areas of interest identified for the development and implementation of groundwater quality NPS management actions (Attachment C).

**Note:** The above areas of interest are not meant to be inclusive of all watersheds of the state. An area not appearing on these lists may be considered for surface or groundwater management actions (including Section 319 funding) if information for the watershed/area is provided that identifies a significant NPS surface or groundwater quality impairment or threat.

## **C. Priority NPS Issues and Concerns for Section 319 Projects.**

Priority NPS issues and concerns are identified in Attachment D. Projects that address these issues or concerns are eligible for funding. **NDEQ is prioritizing projects which will develop implementable 9-element watershed management or 9-element groundwater management plans.**

## **III. PROJECT RESTRICTIONS**

1. **Funding.** Requests for Section 319 funds generally may not exceed \$300,000 except for projects implementing a watershed/groundwater area management plan approved by NDEQ. Indirect costs, if authorized, may not exceed 10 percent. If income is anticipated from the project or products of the project, estimate the amount expected to be generated and describe how those funds will be used to support project activities.
2. **Management Actions.** Management actions must be related to specific project objectives and the identified pollutants or NPS issues of concern. Section 319 cost sharing for installation or implementation of best management practices (BMPs) is subject to the requirements noted below.

**Note 1:** The total federal contribution from all federal sources of cost sharing to any individual may not exceed 75 percent of the total cost of the practice or activity; all cost-share rates are subject to approval by EPA. Recipients of Section 319 cost-sharing to install BMPs must agree to comply with the operation and maintenance requirements for such practices as identified in the Natural Resources Conservation Service's (NRCS) Field Office Technical Guides or other appropriate federal/state/local standards. Landowners and operators receiving Section 319-funded cost-share must practice nutrient and pesticide management consistent with the NRCS's Field Office Technical Guide or other appropriate federal/state/local standards. Section 319 grant funds may not be used to install BMPs on areas where pollutant loadings or severity have not been quantified. Landowners and operators must agree to make the BMP installation site available for demonstration activities and evaluation.

**Note 2:** Installation of BMPs must be consistent with a written management plan for the watershed or area to be addressed by the project. Applicants should submit, as appropriate, one (1) copy of the watershed or wellhead protection plan with the proposal. Where a watershed/area management plan does not exist, the proposal must accommodate development of a management plan that is consistent with the Community-based Approach to the Watershed Management Planning Process or Wellhead Protection Area Management Planning Manual as appropriate (available from NDEQ and on the website <http://deq.ne.gov>).

#### IV. SPECIAL PROCEDURES

##### A. Procuring and "Contracting" Agency.

The NDEQ is the sole point of contact for all aspects of the Invitation.

##### B. Submission of Proposals

1. In order to facilitate the proposal evaluation process, project proposals must be developed in the specified format and submitted to the NDEQ.
2. All proposals become the property of the State of Nebraska upon receipt and will not be returned.
3. A DUNS number **must** be submitted with your proposal.
3. All proposals must be received by the NDEQ no later than:

**4:00 p.m., Central Time, September 2nd, 2014.**

4. All proposals must be submit **One Hard Copy** by the RFP deadline.

**Submit ONE HARD COPY to:**

Nonpoint Source Program  
Nebraska Department of Environmental Quality  
1200 N Street, Suite 400  
P.O. Box 98922  
Lincoln, NE 68509

*Applicants lacking the means or experiencing transmittal difficulties when submitting a proposal application should contact Linda Rohn, (402) 471-3098, or Lindsey Phillips, (402) 471-6988, no later than August 28, 2014, to arrange an alternative method of submittal.*

##### C. Required Submittal.

In order to be eligible for consideration, the proposal must include the following documents:

- ***Completed Application Forms***
- ***Project Description*** formatted as described in Section 11 of the Guidelines and Instructions for Completing the NPS Proposal Application and item #11 on the Proposal Application Forms.

**D. Late Submittal.**

It is the responsibility of the potential project sponsor to ensure that proposals arrive in the Lincoln office of the NDEQ prior to the time indicated herein. Late proposals will not be considered.

**E. Selection Process.**

All responsive proposals submitted as a result of this Invitation will be reviewed by the NDEQ and EPA staff. This year, **NDEQ is prioritizing projects which will develop implementable 9-element watershed management or 9-element groundwater management plans.** Additional external technical reviewers may be asked to review some proposals. The NDEQ will consider the recommendations of the reviewers in selecting projects for potential funding. Sponsors of selected projects will be invited to develop a detailed Project Implementation Plan (PIP) for final review and approval by the NDEQ and EPA. Approved projects may be fully or partially funded at the discretion of NDEQ and EPA. The decision of the NDEQ regarding selection of projects shall be final.

**F. Cost of Preparing Proposal.**

The State of Nebraska is not liable for any cost incurred by respondents in replying to this Invitation.

**G. Rejection of Proposal.**

The NDEQ reserves the right to reject any or all proposals received as a result of this Invitation.

**H. State to be Held Harmless.**

Respondents agree to hold and save the State of Nebraska, the NDEQ, its officers, agents, and employees free and harmless from any and all claims, demands, damages, losses, costs, expenses, or liability due to or incidental to, either in whole or in part and whether directly or indirectly, the performance of this Invitation or subsequent Cooperative and/or Intergovernmental Agreement.

**I. Standard Conditions and Terms of Award Agreements.**

Subsequent agreements and procurement will be in accordance with the appropriate State of Nebraska requirements and EPA's Region VII Section 319 requirements.

**V. STATE CRITERIA FOR PRIORITIZATION OF PROJECT PROPOSALS**

**A. Evaluation overview.**

This year, **NDEQ is prioritizing projects which will develop implementable 9-element watershed management or 9-element groundwater management plans.** The NDEQ will initially review all proposals accepted for responsiveness. If a proposal is determined to be responsive, NDEQ will review the proposal for technical merit and importance in meeting objectives of the state Nonpoint Source Pollution Management Program. Projects must meet the eligibility requirements as specified in Section II. The NDEQ staff will conduct a comprehensive, fair, and impartial evaluation of all responsive proposals received in reply to this Invitation based on the projects' importance in implementing the State NPS Management Program and addressing NPS pollution in the state. The NDEQ administration will consider this evaluation when selecting and recommending projects for full or partial funding. The approved projects will be included by the NDEQ in its Section 319 grant application to the Region VII office of EPA. The Region VII office of EPA must approve all projects for funding.

## **B. Responsiveness of Proposal.**

A responsive proposal is one that agrees or complies with the mandatory requirements of the Invitation documents. A proposal does not necessarily need to describe or acknowledge each and every individual requirement of the Invitation. Generally, a proposal is considered responsive unless the proposal: 1) expresses disagreement with a requirement; 2) takes exception to a requirement; 3) proposes an action contradictory to a requirement; or, 4) fails to include mandatory submittal information. A non-responsive proposal will be eliminated from further consideration and will not be recommended for project funding.

Potential project sponsors must meet the following standards as they relate to the proposals under consideration:

1. Adequate financial resources for performance or the ability to obtain such resources as required during performance;
2. Necessary experience, organization, technical qualifications, skills and facilities to manage a project or the ability to obtain them;
3. Ability to comply with the proposed or required time of delivery or performance schedule;
4. Satisfactory record of integrity, judgment, and performance. A potential project sponsor shall present acceptable evidence of financial resources, experience, organization, technical qualification skills, and facilities to perform the service called for by the completed project.

## **C. Threshold Qualifications.**

Failures to address items one through three below will disqualify a project proposal from further consideration.

1. Project is covered by the state NPS Management Program;
2. Proposal identifies how it relates to areas of interest, waterbodies, or issues/concerns;
3. The proposal addresses an actual or threatened water quality problem from nonpoint source pollution.

## **D. Disqualification.**

A proposal will be automatically excluded from consideration if:

1. The potential project sponsor's name appears on the GSA Office of Acquisition Policy's most recent "Master List of Debarred, Suspended, and Voluntarily Excluded Persons".
2. The potential project sponsor has failed to make and/or report substantive progress on existing or previous Section 319 projects.
3. The potential project sponsor does not provide a DUNS number with the submission of the project proposal
4. The potential project sponsor does not submit the project proposal by the specified deadline for submission.

## ATTACHMENT A - NON POINT SOURCE AREAS OF INTEREST

Areas of interest are identified for the development and implementation of surface water quality NPS management actions and aquatic habitat improvement. The watersheds are grouped by basin and waterbody type. Waterbody ID's are as designated in Chapter 4 of Title 117, Nebraska Surface Water Quality Standards

These areas of interest are not meant to be inclusive of all watersheds in the state. A watershed not appearing on this list may be considered for surface water management actions (including Section 319 funding) if information for the watershed is provided that identifies a significant nonpoint source surface water quality impairment or threat. These areas of interest are, in general, from the most recent Integrated Report list of Impaired Waters (i.e. the CWA 303(d) Category 5).

Waterbody Name	Waterbody Type	Waterbody ID
<b>Big Blue River Basin</b>		
Donald Whitney Memorial Lake	Lake	BB1-L0010
Diamond Lake South	Lake	BB1-L0020
Arrowhead Lake	Lake	BB1-L0040
Wolf Wildcat Lake	Lake	BB1-L0050
Rockford Lake	Lake	BB1-L0060
Cub Creek Lake	Lake	BB1-L0080
Walnut Creek Lake (2A)	Lake	BB1-L0100
Swanton Lake	Lake	BB2-L0005
Swan Creek Lake 2A	Lake	BB2-L0010
Swan Creek Lake 5A	Lake	BB2-L0020
Waco Basin	Lake	BB3-L0030
Henderson Pond	Lake	BB3-L0040
Lake Hastings	Lake	BB3-L0050
Hastings Northwest Dam Lake	Lake	BB3-L0060
Heartwell Lake	Lake	BB3-L0070
Recharge Lake	Lake	BB3-L0080
David City Park Lake	Lake	BB4-L0010
Oxbow Trail Reservoir	Lake	BB4-L0035
Big Blue River	Stream	BB1-10000, BB1-20000, BB4-40000
Turkey Creek	Stream	BB2-10000
West Fork Big Blue River	Stream	BB3-10000, BB3-20000
Walnut Creek	Stream	BB3-10200
Beaver Creek	Stream	BB3-10400
School Creek	Stream	BB3-20100
Lincoln Creek	Stream	BB4-20800, BB4-20900
<b>Elkhorn River Basin</b>		
Highway 275 Bypass Lake No. 4 (Johnson Park Lake)	Lake	EL1-L0030
Maskenthine Reservoir	Lake	EL1-L0080
Dead Timber Lake	Lake	EL1-L0140
Willow Creek Reservoir	Lake	EL3-L0010
Skyview Lake	Lake	EL4-L0020

Waterbody Name	Waterbody Type	Waterbody ID
Horseshoe Bend (Tilden City Lake)	Lake	EL4-L0025
O'Neill City Lake	Lake	EL4-L0060
Bell Creek	Stream	EL1-10700
Maple Creek	Stream	EL1-10900
Dry Creek	Stream	EL1-10932, EL3-20400
West Fork Maple Creek	Stream	EL1-10940
Pebble Creek	Stream	EL1-20100
Rock Creek	Stream	EL1-21000
Union Creek	Stream	EL1-21900, EL1-22100
Logan Creek	Stream	EL2-10000, EL2-20000
Rattlesnake Creek	Stream	EL2-20400
South Logan Creek	Stream	EL2-20800
Middle Logan Creek	Stream	EL2-40200
North Fork Elkhorn River	Stream	EL3-10000
Willow Creek	Stream	EL3-20200
Battle Creek	Stream	EL4-10400
Cedar Creek	Stream	EL4-11300
South Fork Elkhorn River	Stream	EL4-20700
Elkhorn River	Stream	EL4-40000
<b>Little Blue River Basin</b>		
Buckley Reservoir (3F)	Lake	LB1-L0010
Crystal Springs Northwest Lake	Lake	LB1-L0020
Crystal Springs Center Lake	Lake	LB1-L0030
Crystal Springs East Lake	Lake	LB1-L0040
Alexandria Lake No. 1 & 2	Lake	LB2-L0010
Alexandria Lake No. 3	Lake	LB2-L0030
Liberty Cove Lake	Lake	LB2-L0050
Crystal Lake (SRA)	Lake	LB2-L0070
Prairie Lake (32-Mile H)	Lake	LB2-L0080
Big Sandy Creek	Stream	LB2-10100, LB2-10200
Spring Creek	Stream	LB2-10500, LB2-10600
Little Blue River	Stream	LB2-20000
<b>Loup River Basin</b>		
Columbus City Park Pond	Lake	L01-L0010
Pibel Lake	Lake	L01-L0130
North Loup Lake (SRA)	Lake	L02-L0010
Davis Creek Reservoir	Lake	L02-L0015
Calamus Reservoir	Lake	L02-L0050
Farwell South Reservoir	Lake	L03-L0010
Sherman Reservoir	Lake	L03-L0020
Ravenna Lake (SRA)	Lake	L04-L0010
Ansley City Lake	Lake	L04-L0030
Beaver Creek	Stream	L01-10600, L01-10700
Loup River Canal	Stream	L01-20200
Calamus River	Stream	L02-11300

Waterbody Name	Waterbody Type	Waterbody ID
Turkey Creek	Stream	L03-10200
Oak Creek	Stream	L03-10400
Middle Loup River	Stream	L03-70000
Mud Creek	Stream	L04-10200
South Loup River	Stream	L04-30000, L04-40000
<b>Lower Platte River Basin</b>		
Jenny Newman Lake (Platte River State Park)	Lake	LP1-L0060
Fremont Lake No. 18E (SRA)	Lake	LP1-L0220
Fremont Lake No. 17 (SRA)	Lake	LP1-L0230
Fremont Lake No. 16 (SRA)	Lake	LP1-L0270
Fremont Lake No. 1 (SRA)	Lake	LP1-L0290
Fremont Lake No. 2 (SRA)	Lake	LP1-L0300
Fremont Lake No. 3 (SRA)	Lake	LP1-L0310
Fremont Lake No. 5 (SRA)	Lake	LP1-L0320
Fremont Lake No. 4 (SRA)	Lake	LP1-L0330
Fremont Lake No. 7 and 8 (SRA)	Lake	LP1-L0350
Homestead Lake	Lake	LP1-L0355
Lake North	Lake	LP1-L0440
Lake Babcock	Lake	LP1-L0450
Memphis Lake (SRA)	Lake	LP2-L0010
Wagon Train Lake	Lake	LP2-L0030
Stagecoach Lake	Lake	LP2-L0050
Oak Lake	Lake	LP2-L0060
Bluestem Lake	Lake	LP2-L0110
Wildwood Lake	Lake	LP2-L0120
Conestoga Lake	Lake	LP2-L0130
Olive Creek Lake	Lake	LP2-L0140
Branched Oak Lake	Lake	LP2-L0150
Pawnee Lake	Lake	LP2-L0160
Merganser Lake (25A)	Lake	LP2-L0170
East Twin Lake	Lake	LP2-L0240
West Twin Lake	Lake	LP2-L0260
Czechland Lake	Lake	LP2-L0270
Redtail Lake	Lake	LP2-L0280
Platte River	Stream	LP1-10000
Shell Creek	Stream	LP1-20600, LP1-20700, LP1-20800
Salt Creek	Stream	LP2-10000, LP2-20000, LP2-30000
Wahoo Creek	Stream	LP2-10100
Clear Creek	Stream	LP2-10110
Johnson Creek	Stream	LP2-10121
Cottonwood Creek	Stream	LP2-10210
Little Salt Creek	Stream	LP2-20300
Dead Man's Run	Stream	LP2-20400
Oak Creek	Stream	LP2-20500, LP2-20600, LP2-

Waterbody Name	Waterbody Type	Waterbody ID
		20800
Middle Oak Creek	Stream	LP2-20710
Antelope Creek	Stream	LP2-20900
Beal Slough	Stream	LP2-21500
Cardwell Branch	Stream	LP2-30100
Olive Branch	Stream	LP2-40300
<b>Middle Platte River Basin</b>		
Grand Island Sucks Lake	Lake	MP2-L0040
West Mormon Island Lake (SRA)	Lake	MP2-L0070
Bassway Strip Lake No. 5 (WMA)	Lake	MP2-L0190
Bassway Strip Lake No. 1 (WMA)	Lake	MP2-L0230
Bufflehead Lake (WMA)	Lake	MP2-L0240
Kea Lake (WMA)	Lake	MP2-L0320
Cottonmill Lake	Lake	MP2-L0360
Blue Hole East Lake (WMA)	Lake	MP2-L0410
Phillips Lake	Lake	MP2-L0500
Johnson Lake	Lake	MP2-L0520
Gallagher Canyon Reservoir	Lake	MP2-L0570
Cozad Lake (WMA)	Lake	MP2-L0580
Lake Helen	Lake	MP2-L0650
Clear Creek	Stream	MP1-10100
Loup Power Canal	Stream	MP1-10200
Prairie Creek	Stream	MP1-20100
Grand Island Detention Cell	Stream	MP1-L0120
Platte River	Stream	MP2-10000, MP2-30000
Wood River	Stream	MP2-10200
Spring Creek	Stream	MP2-20300
<b>Missouri River Tributaries</b>		
Offutt Lake	Lake	MT1-L0010
Halleck Park (Papillion)	Lake	MT1-L0023
Walnut Creek Lake	Lake	MT1-L0025
Wehrspann Lake (Site No. 20)	Lake	MT1-L0030
Hitchcock Park Lake (Omaha)	Lake	MT1-L0040
Ed Zorinsky Lake (site No. 18)	Lake	MT1-L0050
Carter Lake	Lake	MT1-L0090
Standing Bear Lake (Site No. 16)	Lake	MT1-L0100
Miller Park Lake (Omaha)	Lake	MT1-L0110
Summit Lake	Lake	MT1-L0150
Crystal Cove Lake (South Sioux City)	Lake	MT1-L0200
Papillion Creek	Stream	MT1-10100
Cole Creek	Stream	MT1-10111.1
Thomas Creek	Stream	MT1-10111.2
Walnut Creek	Stream	MT1-10210
South Papillion Creek	Stream	MT1-10240
West Papillion Creek	Stream	MT1-10250

Waterbody Name	Waterbody Type	Waterbody ID
North Branch West Papillion Creek	Stream	MT1-10252
Silver Creek	Stream	MT1-11510
Omaha Creek	Stream	MT1-12000
North Omaha Creek	Stream	MT1-12150
Elk Creek	Stream	MT2-10100, MT2-10400
Aowa Creek	Stream	MT2-10500
South Creek	Stream	MT2-10520, MT2-10530, MT2-10540
Daily Branch	Stream	MT2-10521
Bow Creek	Stream	MT2-11300, MT2-11400
Antelope Creek	Stream	MT2-11800
Bazile Creek	Stream	MT2-12400, MT2-12500
<b>Nemaha River Basin</b>		
Steinhart Park Lake (Nebraska City)	Lake	NE1-L0010
Weeping Water City Lake	Lake	NE1-L0020
Verdon Lake (SRA)	Lake	NE2-L0020
Kirkman's Cove Lake	Lake	NE2-L0040
Prairie Knoll Lake (WMA)	Lake	NE2-L0080
Pawnee City Lake	Lake	NE2-L0100
Burchard Lake (WMA)	Lake	NE2-L0120
Prairie Owl Lake	Lake	NE3-L0030
Winnebago Creek	Stream	NE1-10200
Unnamed Creek	Stream	NE1-12310
Weeping Water Creek	Stream	NE1-12800, NE1-13000
Big Nemaha River	Stream	NE2-10000
Muddy Creek	Stream	NE2-10600
Little Muddy Creek	Stream	NE2-10750
Pony Creek	Stream	NE2-11200
Johnson Creek	Stream	NE2-12132
North Fork Big Nemaha River	Stream	NE2-12200
Long Branch Creek	Stream	NE2-12330
Middle Branch Big Nemaha River	Stream	NE2-12610
Little Nemaha River	Stream	NE3-10000, NE3-20000, NE3-30000
North Fork Little Nemaha River	Stream	NE3-13100
South Fork Little Nemaha River	Stream	NE3-20300
<b>Niobrara River Basin</b>		
Grove Lake (WMA)	Lake	N12-L0060
Cub Creek Lake	Lake	N13-L0070
Valentine Mill Pond	Lake	N13-L0170
Big Alkali Lake (WMA)	Lake	N13-L0220
Merritt Reservoir	Lake	N13-L0330
Cottonwood Lake (SRA)	Lake	N14-L0010
Shell Lake	Lake	N14-L0020
Walgren Lake (SRA)	Lake	N14-L0050
Box Butte Reservoir	Lake	N14-L0080

Waterbody Name	Waterbody Type	Waterbody ID
Kilpatrick Lake	Lake	NI4-L0090
Ponca Creek	Stream	NI1-10100
Niobrara River	Stream	NI2-10000, NI4-30000, NI4-40000
Verdigre Creek	Stream	NI2-10100
East Branch Verdigre Creek	Stream	NI2-10320
Steel Creek	Stream	NI2-10800
Eagle Creek	Stream	NI2-11700
Keya Paha River	Stream	NI3-10100
Bone Creek	Stream	NI3-12220
Long Pine Creek	Stream	NI3-12400
<b>North Platte River Basin</b>		
Lake C. W. McConaughy	Lake	NP2-L0010
Island Lake (Crescent Lake NWR)	Lake	NP2-L0110
Smith Lake (Crescent Lake NWR)	Lake	NP2-L0290
Border Lake (Crescent Lake NWR)	Lake	NP2-L0300
Bridgeport Middle Lake (SRA)	Lake	NP3-L0030
Lake Minatare (North Platte NWR)	Lake	NP3-L0060
Cochran Lake	Lake	NP3-L0080
North Platte River	Stream	NP1-10000, NP3-10000
Whitetail Creek	Stream	NP1-30900
Blue Creek	Stream	NP2-10800
Lower Dugout Creek	Stream	NP2-12100
Pumpkin Creek	Stream	NP3-10100
Upper Dugout Creek	Stream	NP3-10600
Ninemile Creek	Stream	NP3-12000
Winters Creek	Stream	NP3-12600
<b>Republican River Basin</b>		
Holdrege Park Lake	Lake	RE1-L0040
Harlan County Reservoir	Lake	RE2-L0010
Oxford City Lake	Lake	RE2-L0020
Harry Strunk Lake (Medicine Creek Reservoir)	Lake	RE3-L0010
Bartley Diversion Dam Lake (WMA)	Lake	RE3-L0020
Barnett Park Lake (McCook)	Lake	RE3-L0050
Hugh Butler Lake (Red Willow Reservoir)	Lake	RE3-L0060
Wellfleet Lake	Lake	RE3-L0070
Camp Hayes Lake (WMA)	Lake	RE3-L0080
Swanson Reservoir	Lake	RE3-L0090
Enders Reservoir	Lake	RE3-L0100
Rock Creek Lake (SRA)	Lake	RE3-L0120
Lost Creek	Stream	RE1-10200
Courtland Canal	Stream	RE1-20300
Republican River	Stream	RE1-30000, RE1-40000, RE1-50000, RE2-10000, RE3-10000, RE3-20000, RE3-40000, RE3-50000

Waterbody Name	Waterbody Type	Waterbody ID
Elm Creek	Stream	RE1-30100
Thompson Creek	Stream	RE1-31200
Methodist Creek	Stream	RE2-10100
Cook Creek	Stream	RE2-10200
Prairie Dog Creek	Stream	RE2-10300
Sappa Creek	Stream	RE2-10600
Beaver Creek	Stream	RE2-10610
Spring Creek	Stream	RE2-10900
Muddy Creek	Stream	RE2-11400
Medicine Creek	Stream	RE3-10100, RE3-10200, RE3-10300, RE3-10400
Red Willow Creek	Stream	RE3-10500, RE3-10600
Frenchman Creek	Stream	RE3-20200, RE3-20400
Stinking Water Creek	Stream	RE3-20220
South Fork Republican River	Stream	RE3-40500
North Fork Republican River	Stream	RE3-50300
Arikaree River	Stream	RE3-50400
<b>South Platte River Basin</b>		
Interstate Lake (North Platte)	Lake	SP1-L0010
Lake Maloney	Lake	SP1-L0020
Birdwood Lake (WMA)	Lake	SP1-L0030
East Hershey Lake (WMA)	Lake	SP1-L0040
Hershey Lake (WMA)	Lake	SP1-L0050
East Sutherland Lake (WMA)	Lake	SP1-L0070
Sutherland Reservoir	Lake	SP1-L0080
Ogallala City Park Lake	Lake	SP1-L0090
Goldeneye Pond (WMA)	Lake	SP1-L0100
Chappell Interstate Lake	Lake	SP2-L0010
Oliver Reservoir	Lake	SP2-L0030
South Platte River	Stream	SP1-10000
Outlet Canal	Stream	SP1-10500, SP1-10600
South Platte River	Stream	SP1-20000, SP1-80000, SP1-90000
Lodgepole Creek	Stream	SP2-10000, SP2-20000, SP2-50000
<b>White-Hat River Basins</b>		
Isham Lake	Lake	WH1-L0010
Whitney Reservoir	Lake	WH1-L0060
Grabel Pond No 5 (Ft. Robinson State Park)	Lake	WH1-L0170
Boardgate Pond	Lake	WH1-L0180
Lake Carter P. Johnson (Ft. Robinson State Park)	Lake	WH1-L0200
Agate Pond	Lake	WH2-L0020
Meng Lake	Lake	WH2-L0030
Larabee Creek	Stream	WH1-10420
Chadron Creek	Stream	WH1-11300
West Ash Creek	Stream	WH1-11820

Waterbody Name	Waterbody Type	Waterbody ID
White River	Stream	WH1-20000, WH1-30000
White Clay Creek	Stream	WH1-20100
Middle Fork Soldier Creek	Stream	WH1-20310

## ATTACHMENT B. – IDENTIFIED AREAS FOR HABITAT RESTORATION

This list includes priority waterbodies identified for aquatic habitat restoration only.

This priority listing is not meant to be inclusive of all waterbodies in the state. A waterbody not appearing on this list may be considered for aquatic habitat restoration (including Section 319 funding) if information for the waterbody is provided that identifies a significant aquatic habitat degradation concern.

Waterbody Name	County
Class I and II Rainwater Basin Wetlands <sup>1</sup>	Butler, Filmore, Polk, Saline, Seward, Thayer, York
Class I and II Rainwater Basin Wetlands <sup>1</sup>	Adams, Clay, Franklin, Gosper, Hall, Hamilton, Harlan, Kearney, Nuckolls, Phelps
Eastern Saline Wetlands <sup>2</sup>	Lancaster, Saunders
Areas identified in the most current Nebraska Aquatic Habitat Plan <sup>3</sup>	Statewide
Other areas identified, with appropriate documentation	Statewide

<sup>1</sup> Class I and II Rainwater Basin Wetlands are located in these counties. For exact locations, see “Rainwater Basin, Nebraska Advanced Identification Project Map Atlas”, U.S. Environmental Protection Agency Region VII, Kansas City, Kansas, December 16, 1992.

<sup>2</sup> Eastern Saline Wetlands are located in these counties. For exact locations, see “Resource Categorization of Nebraska’s Eastern Saline Wetlands”, Gilbert, M.C. and R.G. Stutheit, eds. 1994. Prepared for the Eastern Saline Wetlands Interagency Study Project, U.S. Army Corps of Engineers, Omaha District and Nebraska Game and Parks Commission.

<sup>3</sup> Waterbody identified for rehabilitation in the Nebraska Aquatic Habitat Plan prepared by the Nebraska Game and Parks Commission.

## ATTACHMENT C – GROUNDWATER AREAS OF INTEREST

Priority groundwater areas identified for the development and implementation of groundwater quality NPS management actions.

Area Options: A groundwater area of interest under Nebraska's NPS Management Program must be either of the following:

1. A designated Wellhead Protection Area (WHPA);

**OR**

2. A discrete aquifer area—a specific aquifer(s), portions of an aquifer(s), or zone of influence delineated by at least some actual geological data (e.g., test holes, published maps/reports, etc.), modeling, or other identifiable and justifiable boundaries.

Priority Categories: To be classified as an area of interest, an area must meet at least one of the criteria in these categories:

### High Priority

- An administrative order issued by the Nebraska Department of Health and Human Services for a Public Water Supply System with a designated WHPA.
- Groundwater quality data indicating a statistically significant trend such that it is likely that an applicable standard for a nonpoint source groundwater contaminant is being or will be exceeded.

### Medium Priority

- Accelerated monitoring ordered by the Nebraska Department of Health and Human Services for a Public Water Supply System with a designated WHPA.
- Little or no groundwater quality data as above, but surrogate information (e.g., shallow depth to water, sandy soils, intensive farming, etc.) indicating that nonpoint source groundwater contamination is imminent or likely.

### Low Priority

- Routine monitoring for a Public Water Supply System with a designated WHPA.
- Little or no groundwater quality data or surrogate information as above.

Conditions: All groundwater nonpoint source management projects must meet the following conditions:

1. Develop a community-based management plan with nine key elements for the area that addresses reduction of applicable nonpoint source contaminants in groundwater;
2. Develop, receive NDEQ approval for, and implement a wellhead protection plan (if within/involving WHPA(s));
3. Develop and implement applicable Ground Water Management Area (GWMA) regulations (if within/involving GWMA(s)).

**ATTACHMENT D – NONPOINT SOURCE ISSUES OF PRIORITY CONCERN.**

This year, **NDEQ is prioritizing projects which will develop implementable 9-element watershed management or 9-element groundwater management plans.** Watershed management or groundwater management plans should focus on waterbodies as described in Attachments A, B, and C. Nonpoint Source Issues and the concerns they bring are better described in the table below.

<b>Nonpoint Source Issue</b>	<b>Concern</b>
Herbicide concentrations (especially atrazine) in streams and rivers during spring and early summer runoff events.	Past water quality monitoring has revealed elevated concentrations of herbicides (especially atrazine) in Nebraska’s streams and rivers during spring and early summer runoff events. The streams most affected are those draining areas of row crop production, especially corn. Atrazine levels greatly exceeding the U.S. EPA’s recommended Maximum Contaminant Level (MCL) of 3.0 ug/l for drinking have been measured. The areas of greatest concern are those where surface water quality may impact a drinking water source. Two areas in Nebraska are of priority concern: 1) the Big and Little Blue River Basins because of downstream usage of these waters for drinking water purposes by the state of Kansas; and, 2) streams or rivers in close hydrologic connection with alluvial aquifers that are used for drinking water purposes (e.g., middle and lower portions of the Platte River).
Streambank erosion and stream-channel degradation.	Streambank erosion and degraded riparian conditions are a statewide occurrence. This has contributed to widespread degradation of aquatic habitat of streams, wetlands, and lakes. The resulting sedimentation of downstream reservoirs is of special concern.
Watersheds of new lakes to be constructed.	The water quality of a lake is a reflection of its watershed. If new lakes are to be constructed that claim recreational benefits, it is of paramount importance that the watershed be adequately treated and managed for water quality protection. As much of this work as possible should be completed during or prior to lake construction. This will allow protective measures to be in place prior to the lake filling. Also, near-lake structural measures (e.g., sediment basins, wetlands, in-lake diking, etc.) may be more cost effective to install during lake construction when equipment is on site and no water is impounded.
Nonpoint source information and education.	Nonpoint source pollution management in Nebraska is largely a voluntary effort; few regulations exist regarding its management. If nonpoint source management is going to be successful in Nebraska, it is important that the public and communities get involved and implement nonpoint source management measures at the local level. Development of state-level capacity to deliver NPS I&E materials and programs to facilitate local NPS management efforts is a statewide priority.

Nonpoint Source Issue	Concern
Septic tanks.	Recent development patterns have resulted in construction of many residences in non-urban areas such as acreages and recreational areas which may be outside traditional zoning jurisdictions. In most cases, public water supplies and sanitation are not available; so, these developments typically depend upon private wells and septic tanks to provide these services. It is not unusual for development to be relatively intense in these areas; and, therefore, septic systems and water supply wells are often in close proximity to each other. The primary concern in these areas is the potential human health impact of having sewage sources near drinking water sources. A secondary concern involves the overall impact of many closely spaced septic systems on local ground and surface water quality.
Animal waste from livestock operations.	Nebraska is a nationwide leader in the production of livestock; i.e., cattle, hogs, and, to a lesser extent, poultry. The widespread development of large confinement operations, as well as smaller, more traditional livestock operations, has led to a concern over the storage and disposal of animal waste. Location and construction of waste lagoons and land application of manure as a fertilizer source are primary concerns. Depending on the location, these concerns may involve either ground or surface water quality.
Source water protection/wellhead protection.	The 1996 amendments to the federal Safe Drinking Water Act require states to address the issue of source water protection. The vast majority of Nebraskans depend upon groundwater as their source of drinking water; however, a few systems do utilize surface water. Nebraska's efforts in implementing source water protection will be twofold: 1) source water assessment consisting of Wellhead Protection Area delineations, contaminant source inventories, vulnerability assessments, and public information; and, 2) prevention programs consisting of contaminant source management and contingency planning.

**Submit ONE HARD COPY of the proposal documents by  
4:00 pm Central Time Tuesday, September 2, 2014:**

Nonpoint Source Program  
Nebraska Department of Environmental Quality  
1200 N Street, Suite 400  
P.O. Box 98922  
Lincoln, NE 68509