

SPECIFICATIONS

TASK ORDER #0001

For Solicitation No. W9128F-04-R-0004

Fish and Wildlife Mitigation

Kansas Bend Project

Missouri River, NE

December 2003



US Army Corps
of Engineers
Omaha District

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**FISH AND WILDLIFE MITIGATION
KANSAS BEND PROJECT, MISSOURI RIVER, NE**

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SEE BASIC IDIQ CONTRACT FOR ADDITIONAL SPECIFICATIONS

-- End of Project Table of Contents --

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SOLICITATION, OFFER, AND AWARD (Construction, Alteration, or Repair)	1. SOLICITATION NO. W9128F-04-R-0004	2. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	3. DATE ISSUED 01 Dec 2003	PAGE OF PAGES 1 of 4
	IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.			

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NO.
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7. ISSUED BY U S ARMY ENGINEER DISTRICT, OMAHA 106 SOUTH 15TH STREET OMAHA, NE 68102-1618	CODE CT	8. ADDRESS OFFER TO US ARMY CORPS OF ENGINEERS Attn: CONTRACTING DIVISION (CENWO-CT) 106 SOUTH 15TH STREET OMAHA, NE 68102-1618
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9. FOR INFORMATION CALL:	A. NAME Diana Vanderzanden	B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) (402) 221-4044
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SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date):

The offeror hereby agrees to do all the work described in these documents entitled:

Task Order #0001
Fish and Wildlife Mitigation, Kansas Bend Project, Missouri River, NE

RETURN WITH PROPOSAL: INFORMATION REQUIRED BY; SECTION 00010 (SF1442); AND SECTION 00600
OTHER BONDING INFORMATION: SEE CONTRACT CLAUSES CLAUSE "PERFORMANCE AND PAYMENT BONDS".

11. The Contractor shall begin performance within <u>10</u> calendar days and complete it within <u>360</u> calendar days after receiving <input type="checkbox"/> award, <input checked="" type="checkbox"/> notice to proceed. This performance period is <input checked="" type="checkbox"/> mandatory, <input type="checkbox"/> negotiable. (See _____.)

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "YES," indicate within how many calendar days after award in Item 12B.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	12B. CALENDAR DAYS
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13. ADDITIONAL SOLICITATION REQUIREMENTS:

A. Sealed offers in original and 0 copies to perform the work required are due at the place specified in Item 8 by 1400 (hour) local time 05 Jan 2004 (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

B. An offer guarantee is, is not required.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

D. Offers providing less than 60 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code) DUNS Number: _____ CODE FACILITY CODE	15. TELEPHONE NO. (Include area code) 16. REMITTANCE ADDRESS (Include only if different than Item 14)
---	--

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within 60 calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)

AMOUNTS

.See Proposal Schedule
 Contractor's Fax No. _____ CAGE Code: _____
 Contractor's e-mail Address: _____

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS

(The offeror acknowledges receipt of amendments to the solicitation - give number and date of each)

AMENDMENT NO.										
DATE										

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)	20B. SIGNATURE	20C. OFFER DATE
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AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA
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24. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)	ITEM 26	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO <input type="checkbox"/> 10 U.S.C. 2304(c) () <input type="checkbox"/> 41 U.S.C. 253(c) ()
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26. ADMINISTERED BY CODE	27. PAYMENT WILL BE MADE BY
US ARMY ENGINEER DISTRICT, OMAHA 106 SOUTH 15TH STREET OMAHA, NE 68102-1618	USAED OMAHA C/O USACE FINANCE CENTER 5722 INTEGRITY DRIVE MILLINGTON, TN 38054-5005

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

<input type="checkbox"/> 28. NEGOTIATED AGREEMENT (contractor is required to sign this document and return _____ copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications incorporated by reference in or attached to this contract.	<input type="checkbox"/> 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation, is hereby accepted as to the items listed. This award commutes the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
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30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31A. NAME OF CONTRACTING OFFICER (Type or print)
30B. SIGNATURE	30C. DATE
31B. UNITED STATES OF AMERICA	
BY	
31C. AWARD DATE	

PROPOSAL SCHEDULE

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Entire work, complete, for clearing and grubbing as shown on the drawings and in the specifications	65	Acre	\$ _____	\$ _____
2.	Entire work, complete, for clearing only as shown on the drawings and in the specifications	L.S.	Job	-	\$ _____
3.	Entire work, complete, for quarried stone as shown on the drawings and in the specifications	28,500	Tons	\$ _____	\$ _____
4.	Entire work, complete, for salvaged stone as shown on the drawings and in the specifications	1,600	CY	\$ _____	\$ _____
5.	Entire work, complete, for excavation as shown on the drawings and in the specifications	741,310	CY	\$ _____	\$ _____
6.	Entire work, complete, for seeding and mulching as shown on the drawings and in the specifications	50	Acre	\$ _____	\$ _____
7.	All remaining work	L.S.	Job	-	\$ _____
TOTAL AMOUNT \$					_____

Notes:

1. The quantities for unit priced items are estimated only and the respective unit price will prevail in the event of an overrun or underrun subject to Contract Clauses "Variation in Estimated Quantity."

2. Proposal prices must be entered for all items of the schedule. Total amount submitted without prices being entered on individual items will be rejected. Extensions will be subject to verification by the Government. In case of variation between the unit prices and the extensions, the unit prices will be considered the proposal. In case of variation between the individual proposal item prices and the total amount, the individual proposal prices will be considered the bid.
3. A modification to a proposal which provides for a single adjustment to the total amount proposed should state the application of the adjustment to each respective unit price and lump sum price affected. If the modification is not so apportioned, the single adjustment will be applied to Item No. 7.
4. See Section 01500 MEASUREMENT AND PAYMENT for additional information.

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DIVISION 00 - DOCUMENTS

SECTION 00800

SPECIAL CONTRACT REQUIREMENTS

5/00, Rev 5/03

PART 1 GENERAL

- 1.1 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)
 - 1.1.1 Start Work
- 1.2 LIQUIDATED DAMAGES-CONSTRUCTION (SEPT 2000)
- 1.3 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER
- 1.4 WAGE RATE APPLICATION
- 1.5 (FAR 52.222-23) NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999))

PART 2 NOT USED

PART 3 NOT USED

-- End of Document Table of Contents --

SECTION 00800

SPECIAL CONTRACT REQUIREMENTS
5/00, Rev 5/03

PART 1 GENERAL

Attachments:

General Wage Decision No NE030014

1.1 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall commence work under this contract within ten (10) calendar days after the date of receipt by him of Notice to Proceed, prosecute said work diligently, and complete the entire work except seeding ready for use not later than 360 calendar days after receipt of Notice to Proceed. The time stated for completion shall include final cleanup of the premises. (FAR 52.211-10)

1.1.1 Start Work

Evidence that the Contractor has started procurement of materials, preparation and submission of shop drawings, preparation of subcontracts, and other preparatory work will satisfy the requirement that work commence within ten (10) calendar days after receipt of Notice to Proceed. Therefore, work need not be commenced at the construction site within ten (10) calendar days.

1.2 LIQUIDATED DAMAGES-CONSTRUCTION (SEPT 2000)

(a) Liquidated damages for this Task Order are \$850 for each calendar day of delay until the work is completed or accepted.

(See the Basic IDIQ Contract for full text.)

1.3 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER

MONTHLY ANTICIPATED ADVERSE WEATHER DELAY
WORK DAYS BASED ON (5) DAY WORK WEEK

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
(16)	(10)	(04)	(05)	(07)	(07)	(05)	(07)	(04)	(03)	(02)	(11)

(See Basic IDIQ Contract for full text)

1.4 WAGE RATE APPLICATION

For copies of Wage Rates, See Attachment GENERAL WAGE DECISIONS. Applicable to all work.

1.5 (FAR 52.222-23) NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE
EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999))

Goals for Minority Participation
for Each Trade

1.9

(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is Lincoln, NE, EA-142, of which Nemaha County, NE, is a part.

(See Basic IDIQ Contract for full text)

PART 2 NOT USED

PART 3 NOT USED

-- End of Section --

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GENERAL DECISION NE030014 06/13/03 NE14
General Decision Number NE030014

Superseded General Decision No. NE020014

State: Nebraska

Construction Type:
CHANNEL STABILIZE

County(ies):

BURT	NEMAHA	THURSTON
DAKOTA	OTOE	
DIXON	RICHARDSON	

That portion of the Missouri River downstream to the Kansas-Missouri Line

CHANNEL STABILIZATION AND ASSOCIATED WORK

Modification Number	Publication Date
0	06/13/2003

COUNTY(ies):

BURT	NEMAHA	THURSTON
DAKOTA	OTOE	
DIXON	RICHARDSON	

That portion of the Missouri River downstream to the Kansas-Missouri Line

SUIA5018B 07/22/1992

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
GROUP 1	10.215	1.73
GROUP 2	9.685	1.73
GROUP 3	9.625	1.73
GROUP 4	9.365	1.73
GROUP 5	9.305	1.73
GROUP 6	9.095	1.73
GROUP 7	9.935	1.73
GROUP 8	9.395	1.73

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Draglines; Clam bucket; Orange peel or crane side boom; Derrick and tow operator

GROUP 2: Dredge operator or lever person; Engineer on dredge (18" or over)

GROUP 3: Pile driver (or engine person)

GROUP 4: Mechanic; Engineer on dredge (12" up to 18")

GROUP 5: Dozer; Front end loader or high lift; Scoop or similar equipment

GROUP 6: Winch (power-operated); Winch or boom truck

GROUP 7: Boiler person (or fire tender)

GROUP 8: Oiler

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator

(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

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DIVISION 01 - GENERAL REQUIREMENTS

SECTION 01330

SUBMITTAL PROCEDURES

09/01; Omaha Update 08/03

PART 1 GENERAL

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SECTION 01330

SUBMITTAL PROCEDURES
09/01; Omaha Update 08/03

PART 1 GENERAL

See the Basic IDIQ Contract for the full SUBMITTAL PROCEDURES Section.

Attachments: Submittal Register
ENG Form 4025, Transmittal Form

-- End of Section --

SUBMITTAL REGISTER

CONTRACT NO.

TITLE AND LOCATION
Kansas Bend Project

CONTRACTOR

ACTIVITY NO	TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	PARAGRAPH	GOVT CLASSIFICATION	CONTRACTOR: SCHEDULE DATES			CONTRACTOR ACTION		APPROVING AUTHORITY					REMARKS		
						SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	ACTION CODE	DATE OF ACTION		MAILED TO CONTR/ DATE RCD FRM APPR AUTH	
																		(g)
		01355	SD-01 Preconstruction Submittals															
			Environmental Protection Plan	1.7	G AO													
		01500	SD-01 Preconstruction Submittals															
			Barge Displacement Tables		G AO													
			Method of Stone Measurement		G AO													
			Scale Certification and Weigh Bills		G AO													
		01562	SD-05 Design Data															
			Notice of Intent	3.2.1														
			Notice of Start-up of Construction Activity	3.2.2														
			Storm Water Pollution Prevention Plan	3.2.3														
			Notice of Completion of Construction Activity	3.2.5														
			SD-06 Test Reports															
			Records	3.2.4														

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TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES OR MANUFACTURE'S CERTIFICATES OF COMPLIANCE	DATE	TRANSMITTAL NO.
---	------	-----------------

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section to be initiated by the Contractor)

TO:	FROM:	CONTRACT NO.	CHECK ONE: <input type="checkbox"/> THIS IS A NEW TRANSMITTAL <input type="checkbox"/> THIS IS A RE-SUBMITTAL OF TRANSMITTAL NO. _____
SPECIFICATION SECTION NO.	PROJECT TITLE AND LOCATION		CHECK ONE: <input type="checkbox"/> FIO G-RE <input type="checkbox"/> G-ED G-AE

ITEM NO.	DESCRIPTION OF ITEM SUBMITTED <i>(Type, size, model, etc.)</i>	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO.	NO of COPIES	CONTRACT REFERENCE DOCUMENT		FOR CONTRACTOR USE CODE	VARIATION (SEE #6)	FOR CE USE CODE
				SPEC. PARA.	DWG. SHEET			
a.	b.	c.	d.	e.	f.	g.	h.	i.

REMARKS:	<p>I certify that the above submittal items have been reviewed in detail and are correct and in strict compliance with the contract drawings and specifications except as otherwise stated.</p> <p>_____</p> <p>NAME, PHONE NUMBER, AND SIGNATURE OF CONTRACTOR QC</p>
----------	--

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED <i>(List by Item No.)</i>	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

INSTRUCTIONS

1. Section I will be initiated by the Contractor in the required number of copies.
2. Each new transmittal shall be numbered consecutively for each specification section in the space provided in "Transmittal No.". This number, in addition to the contract number, will be the identifying symbol for each submittal. Example: "15400A-001", "15895A-001" "15895A-002", "16415A-001", etc. For each new submittal or for a resubmittal, the appropriate box must be marked. Resubmittals must be designated by their original sequential number followed by an ".1", ".2", etc. for each sequential resubmittal. Example: "15895A-001.1" (previous submittal No. 15895A-001).
3. The "Item No." will be the same "Item No." as indicated on ENG FORM 4288-R for each entry on this form.
4. Submittals requiring expeditious handling will be submitted on a separate form.
5. Separate transmittal form will be used for submittals under separate sections of the specifications.
6. A check shall be placed in the "Variation" column when a submittal is not in accordance with the plans and specifications--also, a written statement to that effect shall be included in the space provided for "Remarks".
7. Form is self-transmittal, letter of transmittal is not required.
8. When a sample of material or Manufacturer's Certificate of Compliance is transmitted, indicate "Sample" or "Certificate" in column c, Section I.
9. U.S. Army Corps of Engineers approving authority will assign action codes as indicated below in space provided in Section I, column i to each item submitted. In addition they will ensure enclosures are indicated and attached to the form prior to return to the contractor. The Contractor will assign action codes as indicated below in Section I, column g, to each item submitted.

THE FOLLOWING ACTION CODES ARE GIVEN TO ITEMS SUBMITTED

- | | |
|---|---|
| A -- Approved as submitted. | E -- Disapproved (See attached). |
| B -- Approved, except as noted on drawings. | F -- Receipt acknowledged. |
| C -- Approved, except as noted on drawings.
Refer to attached sheet resubmission required. | FX -- Receipt acknowledged, does not comply
as noted with contract requirements. |
| D -- Will be returned by separate correspondence. | G -- Other (Specify) |

10. Approval of items does not relieve the contractor from complying with all the requirements of the contract plans and specifications.

(Reverse of CENWO-CD-Q SUBMITTAL FORM, IFB-1 (Omaha Version of ENG Form 4025-R))

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SECTION 01355

ENVIRONMENTAL PROTECTION

10/00

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- 3.8 BIOLOGICAL RESOURCES
 - 3.8.1 Endangered/Threatened Species
 - 3.8.2 Interior Least Terns and/or Piping Plovers
 - 3.8.3 Bald Eagles
- 3.9 INTEGRATED PEST MANAGEMENT
 - 3.9.1 Pesticide Delivery and Storage
 - 3.9.2 Qualifications
 - 3.9.3 Pesticide Handling Requirements
 - 3.9.4 Application
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- 3.14 POST CONSTRUCTION CLEANUP

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SECTION 01355

ENVIRONMENTAL PROTECTION
10/00

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

33 CFR 328	Definitions
40 CFR 68	Chemical Accident Prevention Provisions
40 CFR 260	Hazardous Waste Management System: General
40 CFR 261	Identification and Listing of Hazardous Waste
40 CFR 262	Standards Applicable to Generators of Hazardous Waste
40 CFR 279	Standards for the Management of Used Oil
40 CFR 302	Designation, Reportable Quantities, and Notification
40 CFR 355	Emergency Planning and Notification
49 CFR 171 - 178	Hazardous Materials Regulations

U.S. ARMY CORPS OF ENGINEERS (USACE)

EM 385-1-1	(1996) U.S. Army Corps on Engineers Safety and Health Requirements Manual
WETLAND MANUAL	Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1

1.2 DEFINITIONS

1.2.1 Environmental Pollution and Damage

Environmental pollution and damage is the presence of chemical, physical, or biological elements or agents which adversely affect human health or welfare; unfavorably alter ecological balances of importance to human life; affect other species of importance to humankind; or degrade the environment aesthetically, culturally and/or historically.

1.2.2 Environmental Protection

Environmental protection is the prevention/control of pollution and habitat disruption that may occur to the environment during construction. The control of environmental pollution and damage requires consideration of land, water, and air; biological and cultural resources; and includes management of visual aesthetics; noise; solid, chemical, gaseous, and liquid waste; radiant energy and radioactive material as well as other pollutants.

1.2.3 Contractor Generated Hazardous Waste

Contractor generated hazardous waste means materials that, if abandoned or disposed of, may meet the definition of a hazardous waste. These waste streams would typically consist of material brought on site by the Contractor to execute work, but are not fully consumed during the course of construction. Examples include, but are not limited to, excess paint thinners (i.e. methyl ethyl ketone, toluene etc.), waste thinners, excess paints, excess solvents, waste solvents, and excess pesticides, and contaminated pesticide equipment rinse water.

1.2.4 Project Pesticide Coordinator

The Project Pesticide Coordinator (PPC) is an individual that resides at a Civil Works Project office and that is responsible for oversight of pesticide application on Project grounds.

1.2.5 Land Application for Discharge Water

The term "Land Application" for discharge water implies that the Contractor shall discharge water at a rate which allows the water to percolate into the soil. No sheeting action, soil erosion, discharge into storm sewers, discharge into defined drainage areas, or discharge into the "waters of the United States" shall occur. Land Application shall be in compliance with all applicable Federal, State, and local laws and regulations.

1.2.6 Pesticide

Pesticide is defined as any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest, or intended for use as a plant regulator, defoliant or desiccant.

1.2.7 Pests

The term "pests" means arthropods, birds, rodents, nematodes, fungi, bacteria, viruses, algae, snails, marine borers, snakes, weeds and other organisms (except for human or animal disease-causing organisms) that adversely affect readiness, military operations, or the well-being of personnel and animals; attack or damage real property, supplies, equipment, or vegetation; or are otherwise undesirable.

1.2.8 Surface Discharge

The term "Surface Discharge" implies that the water is discharged with possible sheeting action and subsequent soil erosion may occur. Waters that are surface discharged may terminate in drainage ditches, storm sewers, creeks, and/or "waters of the United States" and would require a permit to discharge water from the governing agency.

1.2.9 Waters of the United States

All waters which are under the jurisdiction of the Clean Water Act, as defined in 33 CFR 328.

1.2.10 Wetlands

Wetlands means those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, and bogs. Official determination of whether or not an area is classified as a wetland must be done in accordance with WETLAND MANUAL.

1.3 GENERAL REQUIREMENTS

The Contractor shall minimize environmental pollution and damage that may occur as the result of construction operations. The environmental resources within the project boundaries and those affected outside the limits of permanent work shall be protected during the entire duration of this contract. The Contractor shall comply with all applicable environmental Federal, State, and local laws and regulations. The Contractor shall be responsible for any delays resulting from failure to comply with environmental laws and regulations.

1.4 SUBCONTRACTORS

The Contractor shall ensure compliance with this section by subcontractors.

1.5 PAYMENT

No separate payment will be made for work covered under this section. The Contractor shall be responsible for payment of fees associated with environmental permits, application, and/or notices obtained by the Contractor. All costs associated with this section shall be included in the contract price. The Contractor shall be responsible for payment of all fines/fees for violation or non-compliance with Federal, State, Regional and local laws and regulations.

1.6 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Environmental Protection Plan; G-AO,

1.7 ENVIRONMENTAL PROTECTION PLAN

Prior to commencing construction activities or delivery of materials to the site, the Contractor shall submit an Environmental Protection Plan for review and approval by the Contracting Officer. The purpose of the Environmental Protection Plan is to present a comprehensive overview of

known or potential environmental issues which the Contractor must address during construction. Issues of concern shall be defined within the Environmental Protection Plan as outlined in this section. The Contractor shall address each topic at a level of detail commensurate with the environmental issue and required construction task(s). Topics or issues which are not identified in this section, but which the Contractor considers necessary, shall be identified and discussed after those items formally identified in this section. Prior to submittal of the Environmental Protection Plan, the Contractor shall meet with the Contracting Officer for the purpose of discussing the implementation of the initial Environmental Protection Plan; possible subsequent additions and revisions to the plan including any reporting requirements; and methods for administration of the Contractor's Environmental Plans. The Environmental Protection Plan shall be current and maintained onsite by the Contractor.

1.7.1 Compliance

No requirement in this Section shall be construed as relieving the Contractor of any applicable Federal, State, and local environmental protection laws and regulations. During Construction, the Contractor shall be responsible for identifying, implementing, and submitting for approval any additional requirements to be included in the Environmental Protection Plan.

1.7.2 Contents

The environmental protection plan shall include, but shall not be limited to, the following:

- a. Name(s) of person(s) within the Contractor's organization who is(are) responsible for ensuring adherence to the Environmental Protection Plan.
- b. Name(s) and qualifications of person(s) responsible for manifesting hazardous waste to be removed from the site, if applicable.
- c. Name(s) and qualifications of person(s) responsible for training the Contractor's environmental protection personnel.
- d. Description of the Contractor's environmental protection personnel training program.
- e. An erosion and sediment control plan which identifies the type and location of the erosion and sediment controls to be provided. The plan shall include monitoring and reporting requirements to assure that the control measures are in compliance with the erosion and sediment control plan, Federal, State, and local laws and regulations. A Storm Water Pollution Prevention Plan (SWPPP) may be substituted for this plan.
- f. Drawings showing locations of proposed temporary excavations or embankments for haul roads, stream crossings, material storage areas, structures, sanitary facilities, and stockpiles of excess or spoil materials including methods to control runoff and to contain materials on the site.
- g. Traffic control plans including measures to reduce erosion of temporary roadbeds by construction traffic, especially during wet weather. Plan shall include measures to minimize the amount of mud

transported onto paved public roads by vehicles or runoff.

h. Work area plan showing the proposed activity in each portion of the area and identifying the areas of limited use or nonuse. Plan should include measures for marking the limits of use areas including methods for protection of features to be preserved within authorized work areas.

i. Drawing showing the location of borrow areas.

j. The Spill Control plan shall include the procedures, instructions, and reports to be used in the event of an unforeseen spill of a substance regulated by 40 CFR 68, 40 CFR 302, 40 CFR 355, and/or regulated under State or Local laws and regulations. The Spill Control Plan supplements the requirements of EM 385-1-1. This plan shall include as a minimum:

1. The name of the individual who will report any spills or hazardous substance releases and who will follow up with complete documentation. This individual shall immediately notify the Contracting Officer and the local Fire Department in addition to the legally required Federal, State, and local reporting channels (including the National Response Center 1-800-424-8802) if a reportable quantity is released to the environment. The plan shall contain a list of the required reporting channels and telephone numbers.

2. The name and qualifications of the individual who will be responsible for implementing and supervising the containment and cleanup.

3. Training requirements for Contractor's personnel and methods of accomplishing the training.

4. A list of materials and equipment to be immediately available at the job site, tailored to cleanup work of the potential hazard(s) identified.

5. The names and locations of suppliers of containment materials and locations of additional fuel oil recovery, cleanup, restoration, and material-placement equipment available in case of an unforeseen spill emergency.

6. The methods and procedures to be used for expeditious contaminant cleanup.

k. A non-hazardous solid waste disposal plan identifying methods and locations for solid waste disposal including clearing debris. The plan shall include schedules for disposal. The Contractor shall identify any subcontractors responsible for the transportation and disposal of solid waste. Licenses or permits shall be submitted for solid waste disposal sites that are not a commercial operating facility. Evidence of the disposal facility's acceptance of the solid waste shall be attached to this plan during the construction.

l. A recycling and solid waste minimization plan with a list of measures to reduce consumption of energy and natural resources. The plan shall detail the Contractor's actions to comply with and to participate in Federal, State, Regional, and local government sponsored recycling programs to reduce the volume of solid waste at the source.

- m. An air pollution control plan detailing provisions to assure that dust, debris, materials, trash, etc., do not become air borne and travel off the project site.
- n. A contaminant prevention plan that: identifies potentially hazardous substances to be used on the job site; identifies the intended actions to prevent introduction of such materials into the air, water, or ground; and details provisions for compliance with Federal, State, and local laws and regulations for storage and handling of these materials. In accordance with EM 385-1-1, a copy of the Material Safety Data Sheets (MSDS) and the maximum quantity of each hazardous material to be on site at any given time shall be included in the contaminant prevention plan. As new hazardous materials are brought on site or removed from the site, the plan shall be updated.
- o. A waste water management plan that identifies the methods and procedures for management and/or discharge of waste waters which are directly derived from construction activities, such as concrete curing water, clean-up water, dewatering of ground water, disinfection water, hydrostatic test water, and water used in flushing of lines. If a settling/retention pond is required, the plan shall include the design of the pond including drawings, removal plan, and testing requirements for possible pollutants. If land application will be the method of disposal for the waste water, the plan shall include a sketch showing the location for land application along with a description of the pretreatment methods to be implemented. If surface discharge will be the method of disposal, a copy of the permit and associated documents shall be included as an attachment prior to discharging the waste water.
- p. A historical, archaeological, cultural, biological, and wetland resources plan that defines procedures for identifying and protecting the resources known to be on the project site and any resources discovered during construction. The plan shall identify lines of communication between Contractor personnel and the Contracting Officer.
- q. If applicable, a pesticide treatment plan shall be included and updated, as information becomes available. The plan shall include: sequence of treatment, dates, times, locations, pesticide trade name, EPA registration numbers, authorized uses, chemical composition, formulation, original and applied concentration, application rates of active ingredient (i.e. pounds of active ingredient applied), equipment used for application and calibration of equipment. The Contractor is responsible for Federal, State, Regional and Local pest management record keeping and reporting requirements. A copy of all reports shall be included in the Appendix to the Environmental Protection Plan.

1.7.3 Appendix

Copies of all environmental permits, permit application packages, approvals to construct, notifications, certifications, reports, and termination documents shall be attached, as an appendix, to the Environmental Protection Plan.

1.8 PROTECTION FEATURES

This paragraph supplements the Contract Clause PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS. Prior to start of any on site construction activities, the Contractor and the

Contracting Officer shall make a joint condition survey. Immediately following the survey, the Contractor shall prepare a brief report including a plan describing the features requiring protection under the provisions of the Contract Clauses, which are not specifically identified on the drawings as environmental features requiring protection along with the condition of trees, shrubs and grassed areas immediately adjacent to the site of work and adjacent to the Contractor's assigned storage area and access route(s), as applicable. This survey report shall be signed by both the Contractor and the Contracting Officer upon mutual agreement as to its accuracy and completeness. The Contractor shall protect those environmental features included in the survey report and any indicated on the drawings, regardless of interference which their preservation may cause to the Contractor's work under the contract.

1.9 Permits, Notices, Reviews, and/or Approvals

The following is a listing of permits, notices, reviews, and/or approvals which **may be** required for this project. This listing and requirements are not to be considered all-inclusive by the Contractor, but is provided as information that may be used in successfully accomplishing the environmental compliances.

1.9.1 NPDES Permit for Nebraska Construction Activities

In the State of Nebraska, **EPA** has authority for the National Pollutant Discharge Elimination System (NPDES) program. Construction activities which result in disturbance of 1 acre of land or more, coverage under the EPA Storm Water General Permit For Construction Activities (Permit No.) is required. The Contractor shall be responsible for editing and applying Specification Section 01562 (Nebraska) NPDES PERMIT REQUIREMENTS FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITES.

1.10 ENVIRONMENTAL ASSESSMENT OF CONTRACT DEVIATIONS

Any deviations, requested by the Contractor, from the drawings, plans and specifications which may have an environmental impact will be subject to approval by the Contracting Officer and may require an extended review, processing, and approval time. The Contracting Officer reserves the right to disapprove alternate methods, even if they are more cost effective, if the Contracting Officer determines that the proposed alternate method will have an adverse environmental impact.

1.11 NOTIFICATION

The Contracting Officer will notify the Contractor in writing of any observed noncompliance with Federal, State or local environmental laws or regulations, permits, and other elements of the Contractor's Environmental Protection plan. The Contractor shall, after receipt of such notice, inform the Contracting Officer of the proposed corrective action and take such action when approved by the Contracting Officer. The Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No time extensions shall be granted or equitable adjustments allowed to the Contractor for any such suspensions. This is in addition to any other actions the Contracting Officer may take under the contract, or in accordance with the Federal Acquisition Regulation or Federal Law.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.1 ENVIRONMENTAL PERMITS AND COMMITMENTS

The Contractor shall be responsible for obtaining and complying with all environmental permits and commitments required by Federal, State, Regional, and local environmental laws and regulations.

3.2 LAND RESOURCES

The Contractor shall confine all activities to areas defined by the drawings and specifications. Prior to the beginning of any construction, the Contractor shall identify any land resources to be preserved within the work area. Except in areas indicated on the drawings or specified to be cleared, the Contractor shall not remove, cut, deface, injure, or destroy land resources including trees, shrubs, vines, grasses, topsoil, and land forms without approval. No ropes, cables, or guys shall be fastened to or attached to any trees for anchorage unless specifically authorized. The Contractor shall provide effective protection for land and vegetation resources at all times as defined in the following subparagraphs. Stone, soil, or other materials displaced into uncleared areas shall be removed by the Contractor.

3.2.1 Work Area Limits

Prior to commencing construction activities, the Contractor shall mark the areas that need not be disturbed under this contract. Isolated areas within the general work area which are not to be disturbed shall be marked or fenced. Monuments and markers shall be protected before construction operations commence. Where construction operations are to be conducted during darkness, any markers shall be visible in the dark. The Contractor's personnel shall be knowledgeable of the purpose for marking and/or protecting particular objects.

3.2.2 Landscape

Trees, shrubs, vines, grasses, land forms and other landscape features indicated and defined on the drawings to be preserved shall be clearly identified by marking, fencing, or wrapping with boards, or any other approved techniques. The Contractor shall restore landscape features damaged or destroyed during construction operations outside the limits of the approved work area.

3.2.3 Erosion and Sediment Controls

The Contractor shall be responsible for providing erosion and sediment control measures in accordance with Federal, State, and local laws and regulations. The erosion and sediment controls selected and maintained by the Contractor shall be such that water quality standards are not violated as a result of the Contractor's construction activities. The area of bare soil exposed at any one time by construction operations should be kept to a minimum. The Contractor shall construct or install temporary and permanent erosion and sediment control best management practices (BMPs) BMPs may include, but not be limited to, vegetation cover, stream bank stabilization, slope stabilization, silt fences, construction of terraces, interceptor channels, sediment traps, inlet and outfall protection, diversion channels, and sedimentation basins. Any temporary measures shall be removed after the area has been stabilized.

3.2.4 Contractor Facilities and Work Areas

The Contractor's field offices, staging areas, stockpile storage, and temporary buildings shall be placed in areas designated on the drawings or as directed by the Contracting Officer. Temporary movement or relocation of Contractor facilities shall be made only when approved. Erosion and sediment controls shall be provided for on-site borrow and spoil areas to prevent sediment from entering nearby waters. Temporary excavation and embankments for plant and/or work areas shall be controlled to protect adjacent areas.

3.3 WATER RESOURCES

The Contractor shall monitor construction activities to prevent pollution of surface and ground waters. Toxic or hazardous chemicals shall not be applied to soil or vegetation unless otherwise indicated. All water areas affected by construction activities shall be monitored by the Contractor. For construction activities immediately adjacent to impaired surface waters, the Contractor shall be capable of quantifying sediment or pollutant loading to that surface water when required by State or Federally issued Clean Water Act permits.

3.3.1 Cofferdams, Diversions, and Dewatering Operations

Construction operations for dewatering, removal of cofferdams, tailrace, diversion channel excavation, and tunnel closure shall be controlled at all times to maintain compliance with existing State of Nebraska water quality standards and designated uses of the surface water body.

3.3.2 Wetlands

The Contractor shall not enter, disturb, destroy, or allow discharge of contaminants into any wetlands except as authorized herein. Authorization to enter specific wetlands identified shall not relieve the Contractor from any obligation to protect other wetlands within, adjacent to, or in the vicinity of the construction site and associated boundaries.

3.4 AIR RESOURCES

Equipment operation, activities, or processes performed by the Contractor shall be in accordance with all Federal and State air emission and performance laws and standards.

3.4.1 Particulates

Dust particles; aerosols and gaseous by-products from construction activities; and processing and preparation of materials, such as from asphaltic batch plants; shall be controlled at all times, including weekends, holidays and hours when work is not in progress. The Contractor shall maintain excavations, stockpiles, haul roads, permanent and temporary access roads, plant sites, spoil areas, borrow areas, and other work areas within or outside the project boundaries free from particulates which would cause the Federal, State, and local air pollution standards to be exceeded or which would cause a hazard or a nuisance. Sprinkling, chemical treatment of an approved type, baghouse, scrubbers, electrostatic precipitators or other methods will be permitted to control particulates in the work area. Sprinkling, to be efficient, must be repeated to keep the disturbed area damp at all times. The Contractor must have sufficient, competent equipment available to accomplish these tasks. Particulate

control shall be performed as the work proceeds and whenever a particulate nuisance or hazard occurs. The Contractor shall comply with all State and local visibility regulations.

3.4.2 Odors

Odors from construction activities shall be controlled at all times. The odors shall not cause a health hazard and shall be in compliance with State regulations and/or local ordinances.

3.4.3 Sound Intrusions

The Contractor shall keep construction activities under surveillance and control to minimize environment damage by noise. The Contractor shall comply with the provisions of the State of Nebraska rules.

3.4.4 Burning

Burning shall be prohibited on the Government premises.

3.5 CHEMICAL MATERIALS MANAGEMENT AND WASTE DISPOSAL

Disposal of wastes shall be as directed below, unless otherwise specified in other sections and/or shown on the drawings.

3.5.1 Solid Wastes

Solid wastes (excluding clearing debris) shall be placed in containers which are emptied on a regular schedule. Handling, storage, and disposal shall be conducted to prevent contamination. Segregation measures shall be employed so that no hazardous or toxic waste will become co-mingled with solid waste. The Contractor shall transport solid waste off Government property and dispose of it in compliance with Federal, State, and local requirements for solid waste disposal. A Subtitle D RCRA permitted landfill shall be the minimum acceptable off-site solid waste disposal option. The Contractor shall verify that the selected transporters and disposal facilities have the necessary permits and licenses to operate.

3.5.2 Chemicals and Chemical Wastes

Chemicals shall be dispensed ensuring no spillage to the ground or water. Periodic inspections of dispensing areas to identify leakage and initiate corrective action shall be performed and documented. This documentation will be periodically reviewed by the Government. Chemical waste shall be collected in corrosion resistant, compatible containers. Collection drums shall be monitored and removed to a staging or storage area when contents are within 6 inches of the top. Wastes shall be classified, managed, stored, and disposed of in accordance with Federal, State, and local laws and regulations.

3.5.3 Contractor Generated Hazardous Wastes/Excess Hazardous Materials

Hazardous wastes are defined in 40 CFR 261, or are as defined by applicable State and local regulations. Hazardous materials are defined in 49 CFR 171 - 178. The Contractor shall, at a minimum, manage and store hazardous waste in compliance with 40 CFR 262. The Contractor shall take sufficient measures to prevent spillage of hazardous and toxic materials during dispensing. The Contractor shall segregate hazardous waste from other materials and wastes, shall protect it from the weather by placing it

in a safe covered location, and shall take precautionary measures such as berming or other appropriate measures against accidental spillage. The Contractor shall be responsible for storage, describing, packaging, labeling, marking, and placarding of hazardous waste and hazardous material in accordance with 49 CFR 171 - 178, State, and local laws and regulations. The Contractor shall transport Contractor generated hazardous waste off Government property within 60 days in accordance with the Environmental Protection Agency and the Department of Transportation laws and regulations. The Contractor shall dispose of hazardous waste in compliance with Federal, State and local laws and regulations. Spills of hazardous or toxic materials shall be immediately reported to the Contracting Officer. Cleanup and cleanup costs due to spills shall be the Contractor's responsibility. The disposition of Contractor generated hazardous waste and excess hazardous materials are the Contractor's responsibility.

3.5.4 Fuel and Lubricants

Storage, fueling and lubrication of equipment and motor vehicles shall be conducted in a manner that affords the maximum protection against spill and evaporation. Fuel, lubricants and oil shall be managed and stored in accordance with all Federal, State, Regional, and local laws and regulations. Used lubricants and used oil to be discarded shall be stored in marked corrosion-resistant containers and recycled or disposed in accordance with 40 CFR 279, State, and local laws and regulations. There shall be no storage of fuel on the project site. Fuel must be brought to the project site each day that work is performed.

3.5.5 Waste Water

Disposal of waste water shall be as specified below.

- a. Waste water from construction activities, such as onsite material processing, concrete curing, foundation and concrete clean-up, water used in concrete trucks, forms, etc. shall not be allowed to enter water ways or to be discharged prior to being treated to remove pollutants. The Contractor shall dispose of the construction related waste water off-Government property in accordance with all Federal, State, Regional and Local laws and regulations.
- b. For discharge of ground water, the Contractor shall obtain a State or Federal permit specific for pumping and discharging ground water prior to surface discharging.
- c. Water generated from the flushing of lines after disinfection or disinfection in conjunction with hydrostatic testing shall be land applied in accordance with all Federal, State, and local laws and regulations for land application or discharged into the sanitary sewer with prior approval and/or notification to the Waste Water Treatment Plant's Operator.

3.6 RECYCLING AND WASTE MINIMIZATION

The Contractor shall participate in State and local government sponsored recycling programs. The Contractor is further encouraged to minimize solid waste generation throughout the duration of the project.

3.7 HISTORICAL, ARCHAEOLOGICAL, AND CULTURAL RESOURCES

If during excavation or other construction activities any previously unidentified or unanticipated historical, archaeological, and cultural resources are discovered or found, all activities that may damage or alter such resources shall be temporarily suspended. Resources covered by this paragraph include but are not limited to: any human skeletal remains or burials; artifacts; shell, midden, bone, charcoal, or other deposits; rock or coral alignments, pavings, wall, or other constructed features; and any indication of agricultural or other historical human activities. Upon such discovery or find, the Contractor shall immediately notify the Contracting Officer so that the appropriate authorities may be notified and a determination made as to their significance and what, if any, special disposition of the finds should be made. The Contractor shall cease all activities that may result in impact to or the destruction of these resources. The Contractor shall secure the area and prevent Contractors personnel or other persons from trespassing on, removing, or otherwise disturbing such resources.

3.8 BIOLOGICAL RESOURCES

The Contractor shall minimize interference with, disturbance to, and damage to fish, wildlife, and plants including their habitat.

3.8.1 Endangered/Threatened Species

The Contractor shall be responsible for the protection of threatened and endangered animal and plant species including their habitat in accordance with Federal, State, Regional, and local laws and regulations.

3.8.2 Interior Least Terns and/or Piping Plovers

No Construction shall occur within a quarter of a mile of the areas identified as nesting habitat for the Interior Least Terns and/or Piping Plovers between the dates of April 15 and August 15 of any year.

3.8.3 Bald Eagles

The Contractor shall be responsible for identifying and avoiding disturbing bald eagles which are roosting in the project area. Bald Eagles shall not be disturbed. The Government recommends avoiding roosting bald eagles by eliminating activity within 75 meters of the roosting bald eagle. However, this is a general recommendation, and may change dependant upon location, available cover, and concealment. It is the Contractor's responsibility to accurately determine appropriate distances to avoid disturbing the Bald Eagle. The Contractor shall ensure that his employees are able to identify bald eagles and shall avoid disturbing bald eagles.

3.9 INTEGRATED PEST MANAGEMENT

In order to minimize impacts to existing fauna and flora, the Contractor shall coordinate with the Contracting Officer at the earliest possible time prior to pesticide application. The Contractor shall discuss integrated pest management strategies prior to the application of any pesticide associated with these specifications.

3.9.1 Pesticide Delivery and Storage

Pesticides shall be delivered to the site in the original, unopened containers bearing legible labels indicating the EPA registration number and the manufacturer's registered uses. Pesticides shall be stored

according to manufacturer's instructions and under lock and key when unattended.

3.9.2 Qualifications

For the application of pesticides, the Contractor shall use the services of a subcontractor whose principal business is pest control. The subcontractor shall be licensed and certified in the state where the work is to be performed.

3.9.3 Pesticide Handling Requirements

The Contractor shall formulate, treat with, and dispose of pesticides and associated containers in accordance with label directions and shall use the clothing and personal protective equipment specified on the labeling for use during all phases of the application. Material Safety Data Sheets (MSDS) shall be available for all pesticide products.

3.9.4 Application

Pesticides shall be applied by a State Certified Pesticide Applicator in accordance with EPA label restrictions and recommendation. The Certified Applicator shall wear clothing and personal protective equipment as specified on the pesticide label. Water used for formulating shall only come from locations designated by the Contracting Officer. The Contractor shall not allow the equipment to overflow. Prior to application of pesticide, all equipment shall be inspected for leaks, clogging, wear, or damage and shall be repaired prior to being used.

3.10 PREVIOUSLY USED EQUIPMENT

The Contractor shall clean all previously used construction equipment prior to bringing it onto the project site. The Contractor shall ensure that the equipment is free from soil residuals, egg deposits from plant pests, noxious weeds, and plant seeds. The Contractor shall consult with the USDA jurisdictional office for additional cleaning requirements.

3.11 MAINTENANCE OF POLLUTION FACILITIES

The Contractor shall maintain permanent and temporary pollution control facilities and devices for the duration of the contract or for that length of time construction activities create the particular pollutant.

3.12 MILITARY MUNITIONS

In the event the Contractor discovers or uncovers military munitions as defined in 40 CFR 260, the Contractor shall immediately stop work in that area and immediately inform the Contracting Officer.

3.13 TRAINING OF CONTRACTOR PERSONNEL

The Contractor's personnel shall be trained in all phases of environmental protection and pollution control. The Contractor shall conduct environmental protection/pollution control meetings for all Contractor personnel prior to commencing construction activities. Additional meetings shall be conducted for new personnel and when site conditions change. The training and meeting agenda shall include: methods of detecting and avoiding pollution; familiarization with statutory and contractual pollution standards; installation and care of devices, vegetative covers,

and instruments required for monitoring purposes to ensure adequate and continuous environmental protection/pollution control; anticipated hazardous or toxic chemicals or wastes, and other regulated contaminants; recognition and protection of archaeological sites, artifacts, wetlands, and endangered species and their habitat that are known to be in the area. See the above BIOLOGICAL RESOURCES paragraph.

3.14 POST CONSTRUCTION CLEANUP

The Contractor shall clean up all areas used for construction in accordance with Contract Clause: "Cleaning Up". The Contractor shall, unless otherwise instructed in writing by the Contracting Officer, obliterate all signs of temporary construction facilities such as haul roads, work area, structures, foundations of temporary structures, stockpiles of excess or waste materials, and other vestiges of construction prior to final acceptance of the work. The disturbed area shall be graded, filled and the entire area seeded unless otherwise indicated.

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01/00

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SECTION 01500
MEASUREMENT AND PAYMENT
01/00

PART 1 GENERAL

1.1 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals having no designation are for information only. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-01 Data

Barge Displacement Tables;G-AO

(Para. 2.3.2.1 b.) if selected method of measurement by Contractor

Method of Stone Measurement;G-AO

(Para. 2.3.2)

SD-13 Certificates

Scale Certification and Weigh Bills;G-AO

(Para. 2.3.2.2)

PART 2 PRODUCTS

2.1 CLEARING AND GRUBBING

2.1.1 Work Included

The work includes all material, equipment and labor necessary to satisfactorily remove and dispose of all trees, clearing and disposing of vegetation and miscellaneous debris, and the disposal of unsuitable materials, and any other cleared or grubbed material, and hauling of debris offsite.

2.1.2 Measurement (Acre)

All areas to be cleared and grubbed shall be measured by the acre (measured to the nearest one-tenth acre.)

2.1.3 Payment

Applicable unit price times the number of acres cleared and grubbed.

2.2 CLEARING ONLY

2.2.1 Work Included

The work includes all material, equipment and labor necessary to satisfactorily remove and dispose of all trees, clearing and disposing of vegetation and miscellaneous debris, and the disposal of unsuitable materials, and any other cleared material, and hauling of debris offsite.

2.2.2 Measurement

Lump Sum

2.2.3 Payment

Payment for this item shall be the lump sum, made on a progressive basis, based on the percentage of work completed.

2.3 QUARRIED STONE

2.3.1 Work Included

The work includes all material, equipment and labor for furnishing, hauling, handling and placing of quarried stone as specified herein and shown on the drawings.

2.3.2 Measurement (Ton)

The "Barge Displacement Method" shall measure stone delivered to the construction by waterway for payment. The method used will be at the option of the Contractor, and specified to the Contracting Officer in writing. The "Scale Method" shall measure stone delivered to the construction site by land haul for payment. Measurement shall be in "short tons" and all cost for measuring the stone for payment shall be borne by the Contractor.

2.3.2.1 Barge displacement Method

If stone is delivered by barge, the weight of each barge load of stone may be determined by barge displacement. A barge of stone to be paid for by displacement method shall not be unloaded or removed from the work site until all necessary measurements are made for determining payment quantities delivered and/or used. The measurements will be made in the presence of a Contractor quality control officer, either by the Government Inspector, or by the Contractor in the presence of the Government Inspector.

a. Each barge on which stone is furnished shall be suitably marked with paint of a contrasting color at each of three displacement gaging points along each side of the barge. The marks shall be perpendicular to the edge of the barge, 4 inches wide and 1 foot in length, painted on both the deck and side at three equally spaced points beginning at the rake. The barge name or number shall be affixed to the deck and sides of the barge, both fore and aft, and shall be of sufficient size and legibility so as to be plainly seen and read.

b. Barge Displacement Tables: The Contractor shall furnish to the Contracting Officer a barge displacement table not less than 10 days prior to unloading stone from any barge for which displacement tables have not been previously furnished and approved. The table shall be certified accurate by a person or firm, other than the Contractor, accustomed to performing this service and approved by the Contracting Officer. Barge tables furnished shall contain, in parallel columns, the draft of the barge

in feet and tenths from zero to the full depth of the barge, and the corresponding gross displacement to the nearest ton. Tables submitted shall show the name or number of the barge, the barge dimensions, the barge owner, the name of the manufacturer, and the certification of the person or firm preparing the table. The Contractor shall furnish with the barge displacement table a drawing or sketch of each barge, dimensioned in sufficient detail to permit checking of the tables. The drawing show as a minimum the length, width, and depth of the barge and dimensions of rake or rakes, including radius, origin of radius, and headlong dimensions.

c. Weight Scales: If the Contractor selects payment by displacement method, he must also ensure that scales approved by the Contracting Officer are available at all times at a location approved by the Contracting Officer. The Government will bear the cost and responsibility of weighing stone furnished for this contract on these scales.

2.3.2.2 Scale Method

Stone delivered at the site of the work may be weighed for payment on public scales which have been approved by the Contracting Officer and which have been certified by the State Wherein the scales are located. The stone shall be weighed to the nearest 20 pounds and the net weight reduced to the nearest hundredth of a ton. If public scales are not available, the Contractor may furnish approved scales subject to certification acceptable to the Contracting Officer, and the weighing service may be supplied by an independent professional organization approved by the Contracting Officer. The Contractor shall furnish the Government Inspector a copy of each printed weigh bill when self-printing scales are used, or a copy of the weigh bill signed by the weighmaster as each load is delivered to the job site. Each weigh bill shall contain the following: date, unit number, time of gross weight, time of net weight, name of project, contract number, name of Contractor and signature of the weigher.

2.3.2.2 Scales

If public scales or an independent professional weighing service is not available, stone delivered to the site of the work may be weighed for payment by a bonded weighmaster on scales which have been approved by the Contracting Officer and which have been certified by the applicable State wherein the scales are located. The Contractor shall furnish the Government Inspector a copy of each weigh bill signed by the bonded weighmaster as each load of stone is delivered.

2.3.2.2.2 Barge Displacement Tables

If the Contractor selects payment by the scale method, he must also provide to the Contracting Officer all of the barge displacement tables, drawings, and data required in para. 2.2.2.1 b.

a. Stone shall be weighed for final payment immediately prior to placement by one of the following methods at the option of the Contractor and with approval of the Contracting Officer. The materials shall be weighed to the nearest 20 pounds and the net weight reduced to the nearest hundredth of a ton.

b. Stone delivered at the site of the work may be weighed on public scales which have been approved by the Contracting Officer and which have

been certified by the State wherein the scales are located. If public scales are not available, the weighing service may be supplied by an independent professional organization approved by the Contracting Officer. The Contractor shall furnish the Contracting Officer a copy of each printed weigh bill, when self-printing scales are used, or a copy of the weigh bill signed by the weigh master as each load is delivered to the jobsite. (Each weigh bill shall contain the following: date, unit number, time, tare weight, gross weight, net weight, name of project, contract number, name of Contractor, and signature of weigher.) All costs for weighing the materials shall be borne by the Contractor.

2.3.3 Payment

Applicable unit price times the number of tons of stone placed.

2.4 SALVAGED STONE

2.4.1 Work Included

The work includes all material, equipment and labor for excavation of existing stone, hauling, handling and placing of salvaged stone as specified herein and shown on the drawings.

2.4.2 Measurement (Cubic Yard)

The volume of salvage stone material to be paid for as salvage stone will be measured between the original surface and the surface of the specified grade lines. The volume shall be determined from cross sections of the area, taken after clearing and grubbing operations have been completed and immediately before and after salvage operations. Measurements will be made to the nearest one-tenth foot and volume determined to the nearest whole cubic yard. Materials removed by the Contractor below the specified grade line will not be paid for, and the Contractor may be required to rebuild the foundation to the specified grade lines to avoid overruns in structure materials.

2.4.3 Payment

Applicable unit price times the number of cubic yards of stone placed.

2.5 EXCAVATION

2.5.1 Work Included

The work includes all material, equipment and labor necessary for excavation incidental to construction as specified herein and shown on the drawings.

2.5.2 Measurement (Cubic Yard)

The volume of excavated material to be paid for as excavation will be measured between the original surface and the surface of the specified grade lines. The volume shall be determined from cross sections of the area, taken after clearing and grubbing operations have been completed and immediately before and after grading. Measurements will be made to the nearest one-tenth foot and volume determined to the nearest whole cubic yard. Materials removed by the Contractor below the specified grade line will not be paid for, and the Contractor may be required to rebuild the foundation to the specified grade lines to avoid overruns in structure

materials.

2.5.3 Payment

Applicable unit price times the number of cubic yards excavated.

2.6 SEEDING AND MULCHING

2.6.1 Work Included

This work shall include but not be limited to all materials, equipment, labor and all other incidental work needed for seeding and mulching of disturbed areas, to complete the requirements according to the drawings and specifications as specified herein.

2.6.2 Measurement (Acre)

All areas to be seeded will be measured by the acre (measured to the nearest one-tenth acre.)

2.6.3 Payment

Applicable unit price times the number of acres seeded and mulched.

2.7 ALL REMAINING WORK

2.7.1 Work Included

The work of this item shall include but not be limited to labor and equipment needed for the all remaining work not listed above for the completion of the project.

2.7.2 Measurement

Lump Sum

2.7.2.1 Payment

Payment for this item shall be the lump sum, made on a progressive basis, based on the percentage of work completed.

PART 3 EXECUTION (NOT USED)

-- End of Section --

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08/99

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SECTION 01562

(NEBRASKA) NPDES PERMIT REQUIREMENTS
FOR STORM WATER DISCHARGES
FROM CONSTRUCTION SITES
08/99

PART 1 GENERAL

Attachments: Copy of the "Authorization To Discharge Under The State Of
Nebraska
National Pollutant Discharge Elimination System (NPDES)
NPDES Permit Number NER100000

1.1 REFERENCES (NOT APPLICABLE)

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation;
submittals having no designation are for information only. The following
shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-05 Design Data

Notice of Intent;

Notice of Start-up of Construction Activity; .

Storm Water Pollution Prevention Plan; .

Notice of Completion of Construction Activity; .

SD-06 Test Reports

Records; .

PART 2 PRODUCTS (NOT APPLICABLE)

PART 3 EXECUTION

3.1 GENERAL

The Contractor shall be responsible for implementing the terms and
requirements of the attached "Authorization To Discharge Under The State Of
Nebraska National Pollutant Discharge Elimination System (NPDES)", Permit
No. NER100000, for storm water discharges from construction sites. The
Contractor shall be considered the "permittee". All submissions to the
state shall be by certified mail. Copies of the return receipt for each
submission shall be included with the submittal to the Contracting
Officer's Representative (COR). Designated critical habitat and/or listed
species are located in the project area. However, storm water discharges
and storm water discharge-related activities are not likely to adversely
affect the listed species and/or critical habitat.

3.2 IMPLEMENTATION

3.2.1 Notice of Intent

The Contractor shall complete and submit a Notice of Intent (NOI) in accordance with NPDES Permit No. NER100000. A copy of the submitted NOI shall be furnished to the COR at least 10 calendar days prior to the commencement of construction activities.

3.2.2 Notice of Start-up of Construction Activity

The Contractor shall complete and submit a Notice of Start-up of Construction Activity in accordance with NPDES Permit No. NER100000. A copy of the submitted Notice of Start-up of Construction Activity shall be furnished to the COR not more than 10 calendar days after commencement of construction activities.

3.2.3 Storm Water Pollution Prevention Plan

The Contractor shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) in accordance with NPDES Permit No. NER100000. Any temporary or permanent erosion and sedimentation control measures shown on the drawings shall be incorporated into the Contractor's SWPPP. A copy of the SWPPP shall be submitted to the COR at least 10 calendar days prior to the commencement of construction activities. Copies of all revisions to the SWPPP shall also be submitted.

3.2.4 Inspections and Record Keeping

The Contractor shall be responsible for all inspections, maintenance, and record keeping required under the NPDES Permit No. NER100000. Copies of all inspection and maintenance records shall be furnished to the COR.

3.2.5 Notice of Completion of Construction Activity

The Contractor shall complete and submit a Notice of Completion of Construction Activity in accordance with NPDES Permit No. NER100000. A copy of the submitted Notice of Start-up of Construction Activity shall be furnished to the COR not more than 10 calendar days after submission to the State.

3.2.6 Renotification

If the current permit expires prior to completion of construction, the Contractor shall apply for a reissuance of NPDES Permit No. NER100000. A copy of all submissions to the State shall be furnished to the COR.

-- End of Section --

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Administrative Extension
NPDES General Permit
for Storm Water Discharges
from Construction Sites
NER100000

Pursuant to Chapter 59 of Nebraska Department of Environmental Quality Title 119 - *Rules and Regulations Pertaining to the Issuance of Permits Under the National Pollutant Discharge Elimination System*, the terms and conditions of the NPDES General Permit for Storm Water Discharges from Construction Sites (NER100000) is extended pending further review prior to re-issuance.

Pursuant to the Delegation Memorandum dated July 26, 1999 and signed by the Director, the undersigned hereby executes this document on the behalf of the Director.

Signed this 1st day of August, 2002

COPY - Original Signed August 1, 2002

Jay Ringenberg
Deputy Director

Nebraska Department of Environmental Quality

NPDES Municipal and Industrial Section

Water Quality Division

1200 'N' Street, Suite 400, The Atrium

PO Box 98922

Lincoln, NE 68509-8922

Tel. 402/471-4220

Fax 402/471-2909

AUTHORIZATION TO DISCHARGE UNDER THE STATE OF NEBRASKA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

NPDES Permit Number NER100000

A general NPDES permit for
storm water discharges from construction sites
to waters of the State of Nebraska

In compliance with the provisions of the Federal Water Pollution Control Act (33 U.S.C. Secs. 1251 et. seq. as amended to date), the Nebraska Environmental Protection Act (Neb. Rev. Stat. Secs. 81-1501 et. seq. as amended to date), and the Rules and Regulations promulgated pursuant to these Acts, the Nebraska Department of Environmental Quality is hereby issuing this general permit authorizing the discharge of pollutants to waters of the State. This general permit establishes prohibitions, limitations and other conditions pertaining to these discharges. This general permit does not relieve permittees of other duties and responsibilities under the Nebraska Environmental Protection Act, as amended, or established by regulations promulgated pursuant thereto.

This permit shall become effective on August 1, 1997.

This permit and the authorization to discharge shall expire at midnight, July 31, 2002.

Pursuant to the Delegation Memorandum dated January 30, 1995 and signed by the Director, the undersigned hereby executes this document on behalf of the Director.

Signed this ____ day of _____, _____

COPY - Original Signed July 9, 1997

Patrick W. Rice, Assistant Director

A two page "Summary Guidance" sheet explaining the permit can be found at the end of this packet.

3/16/00

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B. APPLICABILITY

1. Discharges Authorized by this Permit

- a. Contingent upon the "Notification and Discharge Authorization Procedures" set forth in Section C, this permit authorizes the discharge of storm water from construction or development sites where clearing, grading or excavation is conducted on an area of 5 acres or more as part of a common plan of development or sale (i.e., industrial facilities identified in subparagraph "x" of the definition of "storm water discharges associated with industrial activity" as defined in NDEQ Title 119 - Rules and Regulations Pertaining to the Issuance of Permits Under the National Pollutant Discharge Elimination System).
- b. This permit may also be used to authorize the discharge of storm water from other construction or development sites subject to clearing, grading or excavation that the Director feels require a permit pursuant to Chapter 2 001.06D of NDEQ Title 119. In these instances, written discharge authorization is required (See Sections C.4.a and C.4.h).

2. Area of Application

This permit has application throughout the State of Nebraska.

Special authorization procedures apply to sites where discharges to certain State Resource Waters and public drinking water supplies are proposed. These waters are identified in Appendix B and the discharge authorization procedures are described in Section C.4.e.

3. Limitations on Coverage

This permit does not authorize the following types of storm water discharges:

- a. those regulated by an existing NPDES permit,
- b. those for which storm water effluent guideline limitations apply,
- c. those the Director has determined to have reasonable potential to violate a surface or ground water quality standard,
- d. those adversely effecting a listed endangered or threatened species or its critical habitat,
- e. those from an operating landfill, or
- f. those which the Director determines would be more effectively regulated with a site specific, area specific or a basin specific permit.

4. Period of Coverage

- a. Coverage shall commence at the time discharge authorization is granted (See Section C.4) and shall continue for a period lasting at least 180 days after the site has been stabilized with perennial seeding, paving, rock or other permanent protective cover on 95% or more of the site.
- b. The Department can extend coverage under the permit beyond the time period specified in Section B.4.a above if excessive erosion problems remain at the site.

5. Sites Authorized Under the Previous General Permit

Sites authorized to discharge under the previously issued NPDES General Permit (i.e., NPDES Permit Number NER100000; Effective Date July 1, 1994; Expiration Date May 26, 1997) shall have authorization to discharge under this permit subject to the terms and conditions set forth below (i.e., Sections B.5.a through B.5.c).

- a. Sites authorized to discharge under the previous permit shall be considered in compliance with this permit for a period of up to 180 days after the effective date of this permit, provided the permittee complies with all of the terms and conditions of the previous general permit. If a project site can not be completed and stabilized within this 180 day time period, the permittee shall file a Notice of intent as required in Sections C.1 and C.2 of this permit, and ensure their Storm Water Pollution Prevention Plan is in compliance with Section D of this permit.
- b. The provisions of Section B.5.a are site specific and do not necessarily extend to permittees that may have been authorized to discharge from more than one site under the previous permit (i.e., the permittee must obtain site specific written approval for coverage of a site under the previously issued permit for Section B.5.a.).
- c. Section B.4.b applies to sites previously authorized to discharge under the previous permit (i.e., the Department can extend coverage under this permit if excessive erosion problems remain at the site). If the period of coverage is extended, the permittee may be required to submit a Notice of Intent as set forth in Section B.5.a.

C. NOTIFICATION AND DISCHARGE AUTHORIZATION PROCEDURES

1. Submission of Initial Notification.

Authorization to discharge under this general may be applied for by submitting a Notice of Intent (NOI) using NPDES form CSW-NOI, or an equivalent format approved by the Department. NPDES form CSW-NOI can be obtained by contacting the Nebraska Department of Environmental Quality. The address and telephone number current at the time of permit issuance are provided below.

Updated March 16, 2000

NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
P.O. Box 98922
1200 N Street, The Atrium, Suite 400
Lincoln, Nebraska 68509-8922
Telephone (402) 471-4220

2. Contents of the Notice of Intent.

Appendix C contains the description of the information required to be submitted in the NOI.

3. Additional Notification Requirements that Apply to Some Sites

a. The Department may request additional information from the source:

- i. to facilitate the review of the NOI;
- ii. to finalize a determination related to the granting of a discharge authorization; or
- iii. to determine whether a site specific, area specific or a basin specific permit application may be required.

b. When storm water is discharged through a large or medium municipal separate storm sewer system, applicants shall concurrently submit a copy of NPDES form CSW-NOI (or other appropriate notification form) to the operator of the municipal separate storm sewer system through which they discharge. (A large or medium municipal separate storm sewer system is defined as a system located in an incorporated city with a population of 100,000 or more. This includes the cities of Lincoln and Omaha.)

c. Other government agencies (e.g., the US Army Corps of Engineers, Local City/County Government, or the local Natural Resource District) may have additional notification requirements. Submittal of the NPDES form CSW-NOI does not relieve the applicant of responsibility to comply with the requirements of other government agencies.

4. Authorization to Discharge

- a. Except as provided in Sections C.4.b through C.4.i, C.5 or C.6, discharge authorization is granted 7 days after the Department receives the complete NOI. Discharge authorizations are limited to the location(s) identified in the NOI.
- b. The Department may act to grant an applicant authorization to discharge at any time following the receipt of a completed NOI by providing a written notification to the permittee (e.g., prior to end of the 7 day review period specified in Section C.4.a).
- c. If the Department requires additional information to be submitted as part of the NOI process, authorization to discharge can not be granted until after the additional information is received, or until the issue prompting the request is resolved. The 7 day period specified in Section C.4.a, restarts each time additional information is received by the Department.
- d. The Department may extend the 7 day authorization period set forth in Section C.4.a and C.4.c. The applicant shall be notified of the extension within 7 days after the application is received by the Department. The initial notification may be made verbally.
- e. Written discharge authorization from the Department is required for discharges to the State Resource Waters and Public Drinking Water Supplies identified in Appendix B.
- f. The Department may deny authorization to discharge under the terms and conditions of this permit by providing the applicant with a written notice of the denial and an explanation of the basis for the determination.
- g. The Department may require the submittal of an application for a site specific or an NOI for an alternative general permit. The Department shall provide an explanation of the basis for any such request.
- h. If authorization to discharge under the conditions of this permit is sought pursuant to the Director's decision to require NPDES discharge authorization pursuant to Chapter 2 001.06D of NDEQ Title 119, written discharge authorization is required (See Applicability, Section B.1.b).
- i. All permittees must meet the requirements set forth in Section B of this permit. Failure to do so shall negate any authorization to discharge granted pursuant to this subsection (i.e., Section C.4).

5. Revocation of Discharge Authorization

The Director may revoke a permittee's authorization to discharge under the terms and conditions of this permit for any of the following:

- a. the discharge has a reasonable potential to violate a surface or ground water quality standard;
- b. the discharge is adversely affecting a listed endangered or threatened species or its critical habitat; and

c. a permittee fails to submit an alternative permit application requested pursuant to Section C.6.

6. Requiring an Alternative Permit and Application

a. The Director may require any person authorized to discharge under the terms and conditions of this permit to apply for and obtain either a site specific NPDES permit or an alternative NPDES general permit. A written notice that an alternative permit application is required shall be provided by the Department. This notice shall include:

- i. a brief explanation of the basis for the determination;
- ii. an application or NOI form for the alternative permit; and
- iii. a deadline for submitting the application for the alternative permit.

The Director may grant additional time for the submittal of the alternative application following the initial notice described above.

b. Conditions that may constitute a basis for requesting an alternative application include, but are not limited to:

- i. the discharge is a significant contributor of pollution;
- ii. the discharger is not in compliance with the terms and conditions of the permit;
- iii. additional pollution control or prevention technology have become available;
- iv. the promulgation of new effluent limitations that apply to the source;
- v. the approval of a water quality management plan containing requirements applicable to the source;
- vi. the identification of conditions or pollutant sources not previously recognized; and
- vii. the issuance of an alternative general permit that applies to the discharge.

c. Authorization to discharge under the terms and conditions of this permit shall be terminated upon the issuance of the alternative permit or the granting of discharge authorization under another alternative general permit.

7. Notification of Project Start-up and Completion

The permittee shall notify the Department in writing of project start-up and completion as set forth below. Notification forms are included as an attachment to this permit.

- a. The permittee shall provide the Department with written notification of the start of construction activities not later than 7 days after construction begins. If activities commence within 30 days of the date submitted on or with the NOI, further start-up notification is not required.
- b. The permittee shall notify the Department in writing within 30 days after the site is 95% stabilized, and provide a proposed date for termination of coverage under the permit (See Section B.4: coverage under the permit continues at least 6 months after the site has been stabilized.).
- c. Public road maintenance and construction activities are exempt from these start-up and completion reporting requirements provided a planned schedule of activities is submitted at least annually as an attachment to the CSW-NOI form. Other permittees that carrying out routine maintenance and construction activities on utility and transportation right-of-ways may be granted a similar exemption on a case-by-case basis.

D. STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

1. General

- a. The permittee shall develop and implement a SWPPP to:
 - i. minimize erosion on disturbed areas;
 - ii. minimize the discharge of sediment and other pollutants in storm water runoff; and
 - iii. maintain compliance with the requirements of this permit.
- b. The SWPPP shall be implemented either prior to or concurrent with the initiation of construction activity. SWPPP activities shall be maintained throughout the period of coverage under this permit as set forth in Section B.4.
- c. An updated copy of the SWPPP shall be available on-site at all times that work is being performed. The persons and/or subcontractors responsible for carrying out duties pursuant to the SWPPP shall be properly trained and kept informed of their responsibilities.
- d. The permittee shall make the SWPPP available for review by the Director or an authorized representative during any on-site inspection. The permittee shall provide copies of the SWPPP document to the Department within seven days after receiving a written request.

- e. The SWPPP shall be dynamic. If deficiencies arise during the course of the project, the permittee shall implement effective corrective actions that may require modification of the SWPPP. This requirement does not circumvent the permittee's responsibility to obtain approval for modifications that may concurrently fall under the jurisdiction of other governmental authorities (e.g., local construction or grading requirements). This requirement is also not an affirmative defense for implementing ineffective or less effective control measures.
- f. The Department may require revisions to be made to the SWPPP :
 - i. if it is not effective in minimizing erosion or the release storm water pollutants from the site;
 - ii. if more effective procedures are available and practical;
 - iii. if previous experience has shown the control methods specified have proven to be inadequate in similar circumstances; or
 - iv. to meet basin specific water quality goals.

2. Content of the Storm Water Pollution Prevention Plan

The following items shall be incorporated into the SWPPP.

- a. One or more site maps of the construction site showing the location of disturbed areas, existing and post-construction contours, storm water outfalls and pollution control structures. The map or maps submitted with the NOI may be used for this purpose provided copies are available at the construction site.
- b. A proposed schedule for the construction project identifying the construction phases and the implementation of pollution prevention activities (e.g., installation of erosion control structures and sedimentation basins, initial grading, temporary seeding, utility installation, final grading, paving, and permanent seeding).
- c. An Erosion and Sediment Control Plan that provides sufficient detail so that the implementing personnel will be able to properly implement the pollution control and prevention practices to be used at the site. See Section D.3 for detailed requirements for an Erosion and Sediment Control Plan.
- d. A Spill Prevention and Response Plan that addresses fueling, maintenance or storage areas on-site. The plan shall comply with the requirements of Chapter 18 of NDEQ Title 126 - Rules and Regulations Pertaining to the Management of Wastes (Contact the Department at the address or telephone number in Section C.1 for a current copy of this regulation.).

- e. Any wastes present or generated at the site shall be disposed of in compliance with Department regulations. Regulations that may have application in this respect include, but are not necessarily limited to:

- NDEQ Title 119 - Rules and Regulations Pertaining to the Issuance of Permits under the National Pollutant Discharge Elimination System (Disposal of sewage sludge);
 - NDEQ Title 128 - Rules and Regulations Governing Hazardous Waste Management in Nebraska;
 - NDEQ Title 129 - Nebraska Air Quality Regulations (Prohibits open burning in most instances);
 - NDEQ Title 130 - Rules and Regulations Pertaining to Livestock Waste Control; and
 - NDEQ Title 132 - Integrated Solid Waste Management Regulations.

- f. Entrances and exits shall be adequately stabilized so as to prevent excessive tracking of sediment onto paved or public roadways. This shall include, where necessary, graveling access entryways, exits, and unpaved roads on the site.

3. Erosion and Sediment Control Plan Requirements

The permittee shall incorporate erosion control and sediment retention practices into the SWPPP and implement said practices at sites authorized to discharge storm water under the provisions of this permit. The erosion control practices utilized shall consider site specific variables including slope, soil types, the size of the project, the duration of construction activities, the proximity of perennial and seasonal streams, and the existence of impounded waters downstream of the project. The controls utilized may vary from site-to-site, but the controls used shall be effective in minimizing erosion and sediment release from the site, and in protecting the water quality in the receiving stream or water body.

The existence of downstream lakes or other impounded waters increase water quality concerns relative to sediment release. In these instances, more stringent erosion and sediment controls may need to be implemented.

The permittee shall upgrade the Erosion and Sediment Control Plan and implement additional controls, if existing controls prove inadequate in minimizing erosion and sediment releases, or in protecting the water quality of the receiving stream or water body. The permittee shall comply with Department requests to implement additional controls to minimize erosion and sediment releases, and to protect receiving water bodies.

All of the following practices shall be considered for inclusion in Erosion and Sediment Control Plans and for implementation at construction sites covered under this permit. Note: the Department may require modification of the SWPPP pursuant to Section D.1.f of this permit.

- a. Construction practices and structural controls to slow storm water run off and minimize erosion from the site.

- Practices and controls that should be considered for implementation include, but are not limited to, the following:

- i. horizontal slope grading;

- ii. temporary or permanent terraces, berms, cuts or other physical structures placed horizontal to sloped surfaces;
 - iii. silt fence, bale barriers, check dams or other physical barriers placed at intervals in drainage ways, on sloped surfaces and at property boundaries;
 - iv. geotextile mats, rip rock or other methods to prevent erosion in drainage ways and below conduit outlets; and
 - v. storm drain inlet protection (i.e., gravel filter or silt fence).
- b. The scheduling of construction activities so as to minimize the extent and time that soils are left unstabilized.

This shall include, when possible, phased construction planning so as to minimize the area of the site that is not stabilized by vegetative cover, or other temporary or permanent soil covers (e.g., pavement, mulch, or geotextile mats).

The construction schedule shall take into account areas within the construction site that may be available for reseeded prior to the completion of the overall project (See Section D.3.c.).

Construction activity scheduling shall specify an appropriate time table for initiating sediment retention and erosion controls. When possible, sediment retention controls shall be installed prior to the initiation of clearing and grading activities, and erosion controls shall be implemented concurrent with the initiation of construction activity.

- c. The use of existing vegetation and revegetation.

When possible, existing vegetative covers should be left undisturbed. When possible, vegetative strips shall be maintained on the down gradient perimeter of sites, and adjacent to waterways and drainage ways that are within the site.

Temporary or permanent seeding shall be established as soon as possible after grading and clearing activities are completed, and during interim periods on areas that are not being actively worked. Whenever exposed soils are not to be graded for 30 days or more, temporary or permanent seeding needs to be initiated, unless other stabilization methods are used or such need can be justified as unnecessary due to mitigating conditions present at the site. In this latter regard, the need for such temporary seeding may be contingent on such factors as the slope of exposed and adjacent areas, the size of the exposed area, the existence of vegetative buffer zones, the potential to impact streams or impounded waters, seasonal considerations, and/or the use of alternative erosion or sediment control methods. If temporary seeding is not used to stabilize exposed soils that are not to be graded for 30 days or more, the Erosion and Sediment Control Plan shall specify the alternative methods used to control erosion and sediment release, or contain an explanation of why such controls are not necessary.

d. Contingencies for planned and unplanned work stoppages.

The Erosion and Sediment Control Plan needs to address requirements for stabilizing exposed slopes and stock piles (e.g., the installation of terraces or berms, temporary seeding, etc.) if work on the site is stopped. In instances, where the original project schedule is disrupted, the Erosion and Sediment Control Plan may need to be modified to prevent erosion on exposed soils where grading has been temporarily or permanently discontinued. See Section D.3.c above concerning the use of temporary seeding when exposed soils are not to be graded for 30 days or more.

e. Storm detention basins.

The need for storm water detention basins is contingent upon the area disturbed and the slope of the site. In general, storm water detention basins need to be used in disturbed drainage areas of 5 acres or more in size. Where slopes are equal to or steeper than 3:1, storm basins may be required for smaller drainage areas. The use of storm water detention basins does not circumvent the need to implement the erosion and sediment control practices previously cited. Many areas of Nebraska have clay soils and when erosion occurs suspended clay particles are not efficiently captured in storm water detention basins.

4. Erosion and Sediment Control Design Specifications

Physical erosion and sediment control structures used at construction sites covered under this permit shall comply with the design standards specified in one of the manuals listed below, unless alternative designs are approved or required by the Department.

- a. City of Omaha Soil Erosion and Sediment Control
- b. The Lower Platte South Natural Resource District; A Manual of: Erosion and Sediment Control and Stormwater Management Standards

The City of Omaha manual can be obtained from the Omaha Public Works Department. The Lower Platte South NRD manual is available from the NRD office for projects within their district. Others interested in the manual should contact the Department (See Section C.1).

5. Site Inspection and SWPPP Maintenance Activities

Sites shall be inspected to identify maintenance needs and/or SWPPP deficiencies at least once each month and within 24 hours after each precipitation event of 0.5 inch or more, except when winter freeze-up conditions preclude run-off. This minimum inspection frequency does not relieve the permittee of the maintenance responsibilities during interim periods.

The permittee shall initiate and complete corrective actions to address any maintenance needs or deficiencies as soon as possible. Maintenance and repair of silt fences and bale barriers shall be completed within 24 hours after any deficiencies are discovered.

6. Reporting and Record Keeping Requirements

The permittee shall maintain records of site inspection and maintenance activity until coverage under the permit has been terminated (See Section B.4). The permittee shall provide the Department with access and copies of these records upon request. At a minimum, the following information shall be included in these records:

- a. who conducted the inspections,
- b. when inspections are conducted,
- c. the findings of the inspections,
- d. any corrective actions taken, and
- e. when the corrective actions were implemented.

E. MONITORING REQUIREMENTS AND PROCEDURES

1. Effluent Monitoring Requirements

Routine periodic monitoring of storm water discharges is not required unless requested by the Department. Monitoring may be required by the Department for any of the following reasons:

- a. the identification of potential ground and surface water quality impacts to which the permittee may be contributing,
- b. the failure by the permittee to implement pollution prevention or pollution control procedures set forth in the Storm Water Pollution Prevention Plan,
- c. the recognition of potential pollutant sources during site inspections or investigations, and/or
- d. to obtain information for watershed basin or industry group studies.

2. Sampling and Analytical Protocols

The sampling procedures set forth below shall be used for any storm water monitoring required pursuant to Section E.1, unless the Department specifies or approves alternative procedures.

- a. Samples shall be collected from discharges resulting from a rainfall event that is greater than 0.1 inch in magnitude and occurs at least 72 hours after any previous storm events of 0.1 inch or greater.
- b. Grab samples shall be used for monitoring: pH, temperature, cyanide, total phenols, residual chlorine, petroleum oil, oil and grease, bacterial counts, xylene and compounds in the volatile fraction of the total toxic organic parameter. Grab samples shall be collected in the first 30 minutes of a storm event discharge.

- c. For discharges from holding ponds or other impoundments with a retention period greater than 24 hours (estimated by dividing the volume of the detention pond by the estimated volume of water discharged during the 24 hours previous to the time the sample is collected), a minimum of one grab sample may be taken.
- d. Flow proportional composite samples shall be used to monitor discharges in all other circumstances (i.e., except as specified in Sections E.2.b and E.2.c). Either continuous or discrete composite sampling may be utilized. If discrete composite sampling is used, at least 3 aliquots shall be obtained and the maximum interval between sampling events shall not exceed 15 minutes. Sampling shall begin within the first 15 minutes of discharge and shall not extend beyond 1 hour, unless there is reason to believe that pollutant discharge rates increase after that time.
- e. Sample analysis procedures shall conform to the procedures specified in Appendix A, Section C.3. Physical observations for such things as odor, turbidity, color, or visible sheens may also be required.

3. Storm Event Monitoring

The permittee shall collect the following information for each storm event monitored pursuant to Section E.1 of this permit, unless the Department specifies otherwise.

- a. The date, duration (in hours), start and ending times, and magnitude (in inches) of the storm event sampled.
- b. The total volume of storm water discharged. The permittee may calculate runoff volume from the magnitude of the storm, the area drained and the runoff coefficient. The calculation method used must be approved by the Department.
- c. The duration between the storm event samples and the end of the previous measurable (greater than 0.1 inch rainfall) storm event.

4. Reporting Requirements

The permittee shall submit all storm water monitoring results within 30 days of the event monitored, unless otherwise specified by the Department. All storm water monitoring results shall be submitted using DMR form SW-SEMR (See permit "Attachments"), or equivalent form approved by the Department.

F. OTHER CONDITIONS AND REQUIREMENTS

- 1 Discharges shall be free from toxic substances, which alone or in combination with other substances, create conditions unsuitable for aquatic life.
- 2. Discharges shall not contain pollutants at concentrations or levels that produce objectionable films, colors, turbidity or deposits, or noxious odors in the receiving stream or waterway.

3. The attachments to this permit (i.e., NPDES forms CSW-NOI, SW-SEMR, CSW-START, and CSW-END) may be modified by the Department provided the notification and reporting requirements set forth in this permit are met. If information is submitted on an outdated form, opportunity to resubmit the information shall be provided the permittee or, at the discretion of the Department, submittals on outdated forms may be accepted.

G. PERIODIC REPORTING AND RECORD KEEPING REQUIREMENTS

This section summarizes reporting and record keeping requirements set forth in other sections of this permit. This section is intended as an aid to the permittee in identifying and complying with these requirements, and contains references to the Sections of the permit where the requirements are set forth.

This summary list does not contain all the reporting and record keeping requirements that may be required by various Department regulations, nor does it relieve the permittee of the responsibility to comply with reporting requirements not listed below.

1. The initial Notification of Intent (Sections B.5 and C.1 thru C.4).
2. Notification of project start-up and completion (Sections C.7).
3. Copies of the SWPPP shall be submitted within 7 days of receiving a written request from the Department (Section D.1.d).
4. Chapter 18 of NDEQ Title 126 - Rules and Regulations Pertaining to the Management of Wastes contains spill reporting requirements. Section D.2.d of this permit requires the Spill Prevention and Response Practices of the SWPPP to comply with this regulation. Appendix A , Section A.6 also contains information on spill reporting.
5. Copies of facility inspection and maintenance activities must be kept until coverage under the permit has expired. Copies of said records shall be furnished to the Department if requested (Section D.5).
6. Monitoring reports on the results of any storm event monitoring activities (Section E.4).
7. In addition to the reporting and record keeping requirements referenced above, Appendix A also contains reporting and record keeping requirements that may apply to some storm water dischargers. References to these requirements are listed below:
 - a. Appendix A, Section B.1 - Duty to Provide Information,
 - b. Appendix A, Sections C.5 & C.6 - Retention of Records and Record Contents,
 - c. Appendix A, Section D.1 - Immediate Notification,
 - d. Appendix A, Section D.2 - 24-Hour Reporting,
 - e. Appendix A, Section D.3 - Written Non-Compliance Notification
 - f. Appendix A, Section D.4 - Quarterly Discharge Monitoring Reports
 - g. Appendix A, Section D.5 - Changes in Discharge
 - h. Appendix A, Section D.6 - Toxic Discharge Reporting Requirements,
 - i. Appendix A, Section D.7 - Changes in Sludge Quality,
 - j. Appendix A, Section D.9 - Transfers
 - k. Appendix A, Section E.2 - Upset Reporting, and
 - l. Appendix A, Section E.3 - Bypass Reporting

APPENDIX A - Standard Conditions for NPDES and NPP Permits.

These general conditions are applicable to all NPDES and NPP permits. These conditions shall not preempt any more stringent requirements found elsewhere in this permit.

A. General Conditions

1. Information Available

All permit applications, fact sheets, permits, discharge data, monitoring reports, and any public comments concerning such shall be available to the public for inspection and copying, unless such information about methods or processes is entitled to protection as trade secrets of the owner or operator under Neb. Rev. Stat. §81-1527, (Cum. Supp. 1992) and Title 115, Chapter 9.

2. Duty to Comply

All authorized discharges shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit.

The permittee shall comply with all conditions of this permit. Failure to comply with these conditions may be grounds for administrative action or enforcement proceedings including injunctive relief and civil or criminal penalties.

The filing of a request by the permittee for a permit modification, revocation and reissuance, termination or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize, prevent or correct any adverse impact to the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as required by the NDEQ to determine the nature and impact of the noncompliant discharge.

4. Permit Actions

This permit may be modified, suspended, revoked or reissued, in part or in whole, in accordance with the regulations set forth in NDEQ Titles 119 and/or 127. In addition, this permit may be modified, revoked and reissued to incorporate standards or limitations issued pursuant to Sections 301(b)(2)(c), 301(b)(2)(d), 304(b)(2), 307(a)(2), or 405(d) of the Clean Water Act, Public Law 100-4 (i.e., industrial categorical standards and municipal sludge regulations) and Title 121.

5. Toxic Pollutants

The permittee shall not discharge pollutants to waters of the State that cause a violation of the standards established in NDEQ Titles 117, 118 or 121. All discharges to surface waters of the State shall be free of toxic (acute or chronic) substances which alone or in combination with other substances, create conditions unsuitable for aquatic life outside the appropriate mixing zone.

Appendix A (continued)

6. Oil and Hazardous Substances/Spill Notification

Nothing in this permit shall preclude the initiation of any legal action or relieve the permittee from any responsibilities, liabilities or penalties under Section 311 of the Clean Water Act. The permittee shall conform to the provisions set forth in NDEQ Title 126 in the event of a release of a reportable quantity of oil or hazardous substances. If the permittee knows, or has reason to believe, that oil or hazardous substances were released at the facility and could enter waters of the State or any of the outfall discharges authorized in this permit, the permittee shall immediately notify the Department of a release of oil or hazardous substances. During Department office hours (i.e., 8:00 a.m. to 5:00 p.m., Monday through Friday, except holidays), notification shall be made to the LUST/ER Section (telephone number 402/471-4230). When the LUST/ER Section cannot be contacted, the permittee shall report to the Nebraska State Patrol for referral to the NDEQ Emergency Response Team (telephone number 402/471-4545). It shall be the permittee's responsibility to maintain current telephone numbers necessary to carry out the notification requirements set forth above.

7. Property Rights

The issuance of this permit does not convey any property rights of any sort or any exclusive privileges nor does it authorize any damage to private property or any invasion of personal rights nor any infringement of federal, state or local laws or regulations.

8. Severability

If any provision of this permit is held invalid, the remainder of this permit shall not be affected.

9. Other Rules and Regulations Liability

The issuance of this permit in no way relieves the obligation of the permittee to comply with other rules and regulations of the Department.

10. Inspection and Entry

The permittee shall allow the Director or his authorized representative, upon the presentation of his identification and at a reasonable time:

- a. to enter upon the permittee's premises where a regulated facility or activity is located or conducted, or records are required to be kept under the terms and conditions of the permit,
- b. to have access to and copy any records required to be kept under the terms and conditions of the permit,
- c. to inspect any facilities, equipment (including monitoring and control), practices or operations regulated or required in the permit, and
- d. to sample or monitor any substances or parameters at any location.

11. Penalties

Violations of the terms and conditions of this permit may result in the initiation of criminal and/or civil actions. Civil penalties can result in fines of up to \$10,000.00 per day [Neb. Rev. Stat. §81-1508, as amended to date. Criminal penalties for willful or negligent violations of this permit may result in penalties of \$10,000.00 per day or by imprisonment. Violations may also result in federal prosecution.

Appendix A (continued)

B. Management Requirements

1. Duty to Provide Information

The permittee shall furnish to the Department within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; or to determine compliance with this permit. The permittee shall also furnish to the Department upon request, copies of records retained as a requirement of this permit.

2. Duty to Reapply

The permittee shall apply for a reissuance of this permit, if an activity regulated by this permit is to be continued after the expiration date of this permit. The application shall be submitted at least 180 days before the expiration of this permit on an application form supplied by the Department, as set forth in NDEQ Titles 119 and/or 127.

3. Signatory Requirements

All reports and applications required by this permit or submitted to maintain compliance with this permit, shall be signed and certified as set forth in this section.

- a. Permit applications shall be signed by a **cognizant official** who meets the following criteria:
 - (1) for a corporation: by a principal executive officer of at least the level of vice-president,
 - (2) for a partnership or sole proprietorship: by a general partner or the proprietor, respectively, or
 - (3) for a municipality, state, federal or other public facility: by either a principal executive officer or highest ranking elected official.
- b. Discharge monitoring reports and other information shall be signed by the cognizant official or by an **authorized representative**.
- c. An authorized representative is designated by the cognizant official. The authorized representative is responsible for the overall operation of the facility (i.e., a plant manager, a well field operator or a wastewater treatment plant superintendent).
- d. Any change in the signatories shall be submitted to the Department, in writing, within 30 days after the change.
- e. Certification. All applications, reports and information submitted as a requirement of this permit, shall contain the following certification statement:

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Appendix A (continued)

C. Monitoring and Records

1. Representative Sampling

Samples and measurements taken as required within this permit shall be representative of the discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water or substance. Monitoring points shall not be changed without notification to the Department and with the written approval of the Director.

- a. Composite sampling shall be conducted in one of the following manners:
 - (1) continuous discharge - a minimum of one discrete aliquot collected every three hours,
 - (2) less than 24 hours - a minimum of hourly discrete aliquots or a continuously drawn sample shall be collected during the discharge, or
 - (3) batch discharge - a minimum of three discrete aliquots shall be collected during each discharge.
- b. Composite samples shall be collected in one of the following manners:
 - (1) the volume of each aliquot must be proportional to either the waste stream flow at the time of sampling or the total waste stream flow since collection of the previous aliquot,
 - (2) a number of equal volume aliquots taken at varying time intervals in proportion to flow,
 - (3) a sample continuously collected in proportion to flow, and
 - (4) where flow proportional sampling is infeasible or nonrepresentative of the pollutant loadings the Department may approve the use of time composite samples.
- c. Grab samples shall consist of a single aliquot collected over a time period not exceeding 15 minutes.
- d. All sample preservation techniques shall conform to the methods adopted in NDEQ Title 121, Chapter 8, unless:
 - (1) in the case of sludge samples, alternative techniques are specified in the 40 CFR, Part 503, or
 - (2) other procedures are specified in this permit.

2. Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be used to insure the accuracy and reliability of measurements. The devices shall be installed, calibrated and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of +/- 10% from the true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:

- a. "Water Management Manual," U. S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. Available from the U. S. Government Printing Office, Washington, DC 20402. Order by Catalog Number 127.19/2:W29/2, Stock Number S/N 24003-0027.

Appendix A (continued)

- b. "Flow Measurement in Open Channels and Closed Conduits," U. S. Department of Commerce, National Bureau of Standards, NBS Special Publication 484, October, 1977, 982 pp. Available in paper copy or microfiche from National Technical Information Service (NTIS), Springfield, VA 22151. Order by NTIS Number PB-273 535/5ST.
- c. "NPDES Compliance Sampling Manual," U. S. Environmental Protection Agency, Office of Water Enforcement, Publication MCD-51, May, 1988, 140 pp. Available from the General Services Administration (8FFS), Centralized Mailing Lists Services, Building 41, Denver Federal Center, Denver, CO 80225.

3. Test Procedures

Test procedures used for monitoring required by this permit, shall conform to the methods adopted in NDEQ Title 121, Chapter 8 unless:

- a. in the case of sludge samples, alternative techniques are specified in the 40 CFR, Part 503, or
- b. other procedures are specified in this permit.

4. Averaging of Measurements

Averages shall be calculated as an arithmetic mean except:

- a. bacterial counts which shall be calculated as a geometric mean, or
- b. where otherwise specified by the Department.

5. Retention of Records

The permittee shall retain records of all monitoring activities for a period of at least three years (five years for sludge; see below) as set forth in NDEQ Titles 119 and/or 127. The types of records that must be retained include, but are not limited to:

- a. calibration and maintenance records,
- b. original strip chart recordings,
- c. copies of all reports required by this permit,
- d. monitoring records and information, and
- e. electronically readable data.

The permittee shall retain records of monitoring required by this permit that are related to sludge use and disposal for a period of five years or longer, as required in 40 CFR, Part 503.

6. Record Contents

Records of sampling or monitoring information shall include:

- a. the date(s), exact place, time and methods of sampling or measurements,
- b. the name(s) of the individual(s) who performed the sampling or measurements,

Appendix A (continued)

- c. the date(s) the analyses were performed,
- d. the individual(s) who performed the analyses,
- e. the analytical techniques or methods used,
- f. the results of such analyses, and
- g. laboratory data, bench sheets and other required information.

D. Reporting Requirements

1. Immediate Notification

- a. NPP permittees shall report immediately to the publicly owned treatment works (POTW), any discharge to the POTW that may result in a violation of NDEQ Title 127, Chapter 3.
- b. All permittees shall report immediately to the NDEQ:
 - (1) discharges of oil or hazardous substances which threaten waters of the State or public health and welfare, and
 - (2) discharges causing in-stream toxicity (i.e., a fish kill) or an immediate threat to human health.

Initial notification may be verbal. A written noncompliance notification shall be submitted as set forth in Section D. 3. of this Appendix.

2. 24-Hour Reporting

The permittee shall report to the NDEQ, within 24 hours of becoming aware of:

- a. any noncompliance which may endanger the environment or human health or welfare,
- b. any unanticipated bypass as set forth in NDEQ Titles 119 and/or 127,
- c. all upsets as set forth in NDEQ Titles 119 and/or 127,
- d. any discharge to a POTW that causes a violation of the prohibited discharge standards set forth in NDEQ Title 127, Chapter 3, or
- e. any noncompliance of an effluent limitation in this permit.

Initial notification may be verbal. A written noncompliance notification shall be submitted as set forth in Section D. 3. of this permit.

If sampling performed by an industrial user (NPP permittee) indicates a permit effluent violation, the permittee shall notify the Department and the city within 24 hours of becoming aware of the violation. The permittee shall resample and have it analyzed. The results of the resampling analysis shall be submitted to the Department and the city within 30 days after becoming aware of the violation.

Appendix A (continued)

3. Written Noncompliance Notification

- a. The permittee shall submit a written noncompliance report to the NDEQ:
 - (1) within five days of becoming aware of any noncompliance with the:
 - (a) NPP effluent limitations or requirements set forth in this permit, or
 - (b) NPDES toxic pollutant effluent limitations or requirements set forth in this permit.
 - (2) within seven days of becoming aware of any other noncompliance with the NPDES requirements and/or effluent limitations set forth in this permit.
- b. the written notification shall be submitted on a noncompliance form supplied by the Department and shall include:
 - (1) a description of the discharge and cause of noncompliance,
 - (2) the period of noncompliance, including exact dates and times, or if not corrected, the anticipated time the noncompliance is expected to continue, and
 - (3) the steps taken to reduce, eliminate and prevent the reoccurrence of the noncompliance.

The submittal of a written noncompliance report does not relieve the permittee of any liability from enforcement proceedings that may result from the violation of permit or regulatory requirements.

4. Quarterly Discharge Monitoring Reports (DMRs)

The permittee shall report the monitoring results required by this permit on a DMR form supplied or approved by the Department. Monitoring results shall be submitted on a quarterly basis using the reporting schedule set forth below, unless otherwise specified in this permit or by the Department.

<u>Monitoring Quarters</u>	<u>DMR Reporting Deadlines</u>
January - March	April 28
April - June	July 28
July - September	October 28
October - December	January 28

If the permittee monitors any pollutant more frequently than required by this permit, using procedures specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted on the DMR. The frequency of the analysis shall also be reported on the DMR.

5. Changes in Discharge

Any facility expansion, production increases or process modifications which will result in new or substantially increased discharges of pollutants or a change in the nature of the discharge of pollutants must be reported by the permittee 180 days prior to the expansion, increases or modifications, either by amending his original application or by submitting a new application. This permit may be modified or revoked and reissued as a result of this notification to maintain compliance with applicable state or federal regulations.

Appendix A (continued)

6. Changes in Toxic Discharges from Manufacturing, Commercial, Mining and Silvicultural Facilities

Permittees discharging from manufacturing, commercial, mining and silvicultural facilities shall report to the Department:

- a. if any toxic pollutant not limited in this permit is discharged from any NPDES outfall as a result of any activity that will or has occurred and results in its routine or frequent discharge. The Department shall be informed if that discharge exceeds the following notification levels:
 - (1) 100 micrograms per liter (0.1 mg/l) for any toxic pollutant,
 - (2) 200 micrograms per liter for acrolein and acrylonitrile (0.2 mg/l),
 - (3) 500 micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol (0.5 mg/l),
 - (4) 1000 micrograms per liter for antimony (1 mg/l),
 - (5) five times the maximum concentration value reported for that pollutant in the permit application or
 - (6) an alternative level established by the Director, and
- b. if any toxic pollutant not limited in this permit is discharged from an NPDES outfall as a result of any activity that will or has occurred and results in its nonroutine discharge. The Department shall be informed if that discharge exceeds the following notification levels:
 - (1) 500 micrograms per liter (0.5 mg/l) for any toxic pollutant,
 - (2) 1000 micrograms for antimony (1 mg/l),
 - (3) ten times the maximum concentration value reported for that pollutant in the permit application, or
 - (4) an alternative level established by the Director.

7. Changes in Sludge Quality

The permittee shall provide written notice to the Department of any alteration or addition that results in a significant change in the permittee's sludge use or disposal practices. This permit may be modified or revoked and reissued as a result of this notification to maintain compliance with applicable state or federal regulations.

8. Changes of Loadings to Publicly Owned Treatment Work (POTW)

POTW's shall notify the Department of the following:

- a. any new introduction of pollutants from dischargers subject to the categorical pretreatment discharge limitations set forth in NDEQ Title 121, Chapter 2, and
- b. any substantial change in the volume or character of pollutants being introduced into the POTW.

Notification shall be made 180 days in advance whenever possible. Information on the quantity and quality of new discharges and their anticipated impact on the POTW shall be included.

Appendix A (continued)

9. Transfers

The permittee shall notify the Department at least 30 days prior to the proposed transfer of ownership of this permit or the permitted facility to another party as set forth in NDEQ Title 119, Chapter 12 and/or NDEQ Title 127, Chapter 14. The Department may modify or revoke and reissue this permit according to the regulations set forth in NDEQ Titles 119 and/or 127.

10. Compliance Schedules

The permittee shall submit a written report of compliance or noncompliance with any compliance schedule established in this permit. The written report shall be submitted within 14 days following all deadlines established in the compliance schedule. If compliance has not been achieved, the report shall include an alternative completion date, an explanation of the cause of the noncompliance and an explanation of the steps being taken to ensure future compliance. The submission of this report does not ensure the Department's acceptance of alternative compliance dates nor does it preclude the Department from initiating enforcement proceedings based upon the reported noncompliances.

E. Operation and Maintenance

1. Proper Operation and Maintenance

The permittee shall, at all times, maintain in good working order and operate as efficiently as possible, any facilities or systems of control installed by the permittee in order to achieve compliance with the terms and conditions of this permit. This would include, but not be limited to, effective performance based on designed facility removals, effective management, adequate operator staffing and training, adequate laboratory and process controls, and adequate funding which reflects proper user fee schedules.

2. Treatment System Failure and Upset

An upset is an affirmative defense to an enforcement action brought for noncompliance with technology-based permit effluent limitations if the permittee can demonstrate, through properly signed, operating logs or other relevant evidence, that:

- a. an upset occurred and the specific cause was identified,
- b. that the facility was properly operated and maintained at such time,
- c. the Department was notified within 24 hours of the permittee becoming aware of the upset, and
- d. the permittee took action to reduce, eliminate and prevent a reoccurrence of upset, including minimizing adverse impact to waters of the State.

3. Bypassing

Any diversion from or bypass of the treatment facilities is prohibited, unless:

- a. it is unavoidable to prevent loss of life, personal injury or severe property damage,
- b. no feasible alternative exists, i.e., auxiliary treatment facilities, retention of untreated wastes or maintenance during normal periods of equipment downtime,

Appendix A (continued)

- c. the permittee submits notice to the Department within 24 hours of becoming aware of the bypass or if the bypass is anticipated or should have been anticipated, the Department is notified at least ten days prior to the bypass, and
- d. the bypass is conducted under conditions determined to be necessary by the Director to minimize any adverse effects.

If the bypass is needed for regular preventative maintenance for which back-up equipment should be provided, the bypass will not be allowed. When a bypass occurs, the burden is on the permittee to demonstrate compliance with items "a" through "d" above.

Additionally, NPP permittees shall report any bypasses to the POTW. Unanticipated bypasses shall be reported immediately and anticipated bypasses shall be reported at least ten days in advance.

All NPDES permittees shall notify the general public that a bypass of the treatment system is occurring. The public notification shall include:

- a. location of the bypass,
- b. the date the bypass started,
- c. anticipated length of time the bypass will occur, and
- d. an estimate of the total volume of wastewater bypassed.

4. Removed Substances

Solids, sludge, filter backwash or other pollutants removed in the course of treatment or control of wastewater shall be disposed of at a site and in a manner approved by the Nebraska Department of Environmental Quality. The disposal of nonhazardous industrial sludges shall conform to the standards established in or to the regulations established pursuant to 40 CFR, Part 257. The disposal of sludge shall conform to the standards established in or to the regulations established pursuant to 40 CFR, Part 503. If solids are disposed of in a licensed sanitary landfill, the disposal of solids shall conform to the standards established in Title 132. Publicly owned treatment works shall dispose of sewage sludge in a manner that protects public health and the environment from any adverse effects which may occur from toxic pollutants as defined in Section 307 of the Clean Water Act. This permit may be modified or revoked and reissued to incorporate regulatory limitations established pursuant to 40 CFR, Part 503.

F. Definitions

Administrator: The Administrator of the USEPA.

Aliquot: An individual sample having a minimum volume of 100 milliliters that is collected either manually or in an automatic sampling device.

Biweekly: Once every other week.

Bimonthly: Once every other month.

Bypass: The intentional diversion of wastes from any portion of a treatment facility.

Daily Average: An effluent limitation that cannot be exceeded and is calculated by averaging the monitoring results for any given pollutant parameter obtained during a 24-hour day.

Appendix A (continued)

Department: Nebraska Department of Environmental Quality.

Director: The Director of the Nebraska Department of Environmental Quality.

Industrial User: A source of indirect discharge (a pretreatment facility).

Monthly Average: An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a calendar month.

Publicly Owned Treatment Works (POTW): A treatment works as defined by Section 212 of the Clean Water Act (Public Law 100-4) which is owned by the state or municipality, excluding any sewers or other conveyances not leading to a facility providing treatment.

30-Day Average: An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a calendar month.

Total Toxic Organics (TTO): The summation of all quantifiable values greater than 0.01 milligrams per liter (mg/l) for toxic organic compounds that may be identified elsewhere in this permit. (If this term has application in this permit, the list of toxic organic compounds will be identified; typically in the Limitations and Monitoring Section(s) or in an additional Appendix to this permit.)

Toxic Pollutant: Those pollutants or combination of pollutants, including disease causing agents, after discharge and upon exposure, ingestion, inhalation or assimilation into an organism, either directly from the environment or indirectly by ingestion through food chains will, on the basis of information available to the administrator, cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunction (including malfunctions in reproduction) or physical deformations, in such organisms or their offspring.

Upset: An exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities or improper operation and maintenance or lack thereof.

Volatile Organic Compounds (VOC): The summation of all quantifiable values greater than 0.01 milligrams per liter (mg/l) for volatile, toxic organic compounds that may be identified elsewhere in this permit. (See the definition for Total Toxic Organics above. In many instances, VOCs are defined as the volatile fraction of the TTO parameter. If the term "VOC" has application in this permit, the list of toxic organic compounds will be identified; typically in the Limitations and Monitoring Section(s) or in an additional Appendix to this permit.)

Weekly Average: An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a fixed calendar week. The permittee may start their week on any weekday but the weekday must remain fixed unless a change is approved by the Department.

"X" Day Average: An effluent limitation defined as the maximum allowable "X" day average of consecutive monitoring results during any monitoring period where "X" is a number in the range of one to seven days.

G. Abbreviations

CFR: Code of Federal Regulations

kg/Day: Kilograms per Day

Appendix A (continued)

MGD: Million Gallons per Day

mg/L: Milligrams per Liter

NDEQ: Nebraska Department of Environmental Quality

NDEQ Title 115: Rules of Practice and Procedure

NDEQ Title 117: Nebraska Surface Water Quality Standards

NDEQ Title 118: Ground Water Quality Standards and Use Classification

NDEQ Title 119: Rules and Regulations Pertaining to the Issuance of Permits Under the National Pollutant Discharge Elimination System

NDEQ Title 121: Effluent Guidelines and Standards

NDEQ Title 126: Rules and Regulations Pertaining to the Management of Wastes

NDEQ Title 127: Rules and Regulations Governing the Nebraska Pretreatment Program

NDEQ Title 132: Rules and Regulations Pertaining to Solid Waste Management

NPDES: National Pollutant Discharge Elimination System

NPP: Nebraska Pretreatment Program

POTW: Publicly Owned Treatment Works

ug/L: Micrograms per Liter

WWTF: Wastewater Treatment Facility

APPENDIX B - State Resource Waters and Public Drinking Water Supply Stream Segments

This appendix identifies stream segments and water bodies for which a written authorization is required to allow the discharge of storm water under the terms and conditions of NPDES General Permit NER10000 (See Section C.4 and C.7 of the permit). This appendix references these stream segments by County to facilitate the completion of the Notice of Intent and Relocation Notice forms. In filling out these forms, the applicant need only identify the stream segment or water body by name; the other information supplied is not needed on the forms.

Boyd County

Missouri River from the South Dakota border to the Knox County line; Class A State Resource Water; (Stream segment: NI1-10000)

Niobrara River from the Keya Paha County line to the Knox County line;
Class A State Resource Water; (Stream segments: NI2-10000 & NI3-10000)

Brown County

Calamus River from its headwaters to the Rock County line; Class B State Resource Water; (Stream segments: LO2-11300, LO2-11400, LO2-11500 & LO2-11600)

Niobrara River from the Cherry County line to the Rock County line;
Class A State Resource Water; (Stream segments: NI3-10000 & NI3-20000)

Long Pine Creek from its headwaters to the confluence of Bone Creek; Class B State Resource Water; (Stream segments: NI3-12300 and NI3-12400)

Cedar County

Missouri River from the Knox County line to the Dixon County line; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Cherry County

Niobrara River from the confluence of the Snake River to the Keya Paha/Brown County lines; Class A State Resource Water; (Stream segments: NI3-20000)

Dakota County

Missouri River from the Dixon County line to the confluence of the Big Sioux River; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Dawes County

Chadron Creek from its headwaters to its confluence with the White River; Public Drinking Water Standards; (Stream Segment: WH1-11300)

Cunningham Creek from its headwaters to its confluence with Indian Creek; Class A State Resource Water; (Stream segment: WH1-11710)

Dead Man's Creek from its headwaters to the Sioux County line; Public Drinking Water Standards; (Stream Segment: WH1-30100)

Soldier Creek from the Sioux County line to its confluence with the White River; Class A State Resource Water; (Stream segment: WH1-20300)

Appendix B (continued)

Dawes County (continued)

Squaw Creek from its headwaters to the National Forest Boundary; Class A State Resource Water; (Stream segment WH1-20120)

White River from the Sioux County line to its confluence with Soldier Creek; Class B State Resource Water; Public Drinking Water; (Stream segment: WH1-30000)

White River from Soldier Creek to the South Dakota border; Public Drinking Water standards; (Stream segments: WH1-10000 and WH1-20000)

Dixon County

Missouri River from the Cedar County line to the Dakota County line; Class A State Resource Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Garfield County

Calamus River from the Loup County line to the confluence with North Loup River; Class B State Resource Water; (Stream segment: LO2-11300)

Holt County

Elkhorn River from the confluence of the North and South Forks to Holt Creek; Class B State Resource Water; (Stream segment: EL4-40000)

Niobrara River from the Rock County line to the Knox County line; Class A State Resource Water; (Stream segment: NI2-10000)

Keith County

North Platte River from Kingsley Dam to the confluence of Whitetail Creek; Class B State Resource Water; (Stream segment: NP1-40000)

Otter Creek from its headwaters to Lake C.W. McConaughy; Class B State Resource Water; (Stream segment: NP2-10300)

Keya Paha County

Niobrara River from the Cherry County line to the Boyd County line; Class A State Resource Water; (Stream segments: NI3-10000 & NI3-20000)

Knox County

Missouri River from the confluence of the Niobrara River to the Cedar County line; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Missouri River from the Boyd County line to the confluence of the Niobrara River; Class A State Resource Water; (Stream segment: NI1-10000)

Niobrara River from the Boyd/Holt County line to its confluence with the Missouri River; Class A State Resource Water; (Stream segment: NI2-10000)

Appendix B (continued)

Knox County (continued)

Verdigre Creek from the confluence of the North Branch Verdigre Creek to its confluence with the Niobrara River; Class A State Resource Water; (Stream segment: NI3-10100)

Loup County

Calamus River from the Rock County line to the Garfield County line; Class B State Resource Water; (Stream Segment: LO2-11300)

Richardson County

Unnamed creek which discharges to the Missouri River in Section 5, Range 3 North, Township 17 East and flows through Indian Cave State Park (Only the upper reaches of this creek extend beyond the boundaries of Indian Cave State Park.), Class A State Resource Water; (Stream segment: NE1-10700).

Rock County

Calamus River from the Brown County line to the Loup County line; Class B State Resource Water; (Stream Segment: LO2-11300)

Long Pine Creek; Class B State Resource Water; (Stream segments: NI3-12300 and NI3-12400 - These segments are in Brown County but their is drainage from Rock County into them.)

Niobrara River from the Brown County line to the Holt County line;
Class A State Resource Water; (Stream segments: NI3-10000)

Sioux County

Dead Man's Creek from the Dawes County line to its confluence with the White River; Public Drinking Water Standards; (Stream Segment: WH1-30100)

Middle Fork Soldier Creek from its headwaters to its confluence with Soldier Creek; Class A State Resource Water; (Stream segment: WH1-20310)

Soldier Creek from its headwaters to the Dawes County line; Class A State Resource Water; (Stream segments: WH1-20300 & WH1-20400)

White River from its headwaters to the Dawes County line; Class B State Resource Water; Public Drinking Water standard; (Stream segments: WH1-30000 & WH1-40000)

APPENDIX C - Information and Signatures Required in NOIs

As a minimum, Notices of Intent (NOIs) shall contain the following information to be considered complete. NPDES Form CSW-NOI, which is an attachment to this permit, meets these requirements.

- A. A descriptive name and the physical location of the construction site shall be provided. The physical location shall be expressed both in descriptive terms (i.e., street address, or if not available, in relationship to recognizable landmarks), and in a legal description designated in terms of section, township, range and county. The legal description shall be provided to the nearest 1/16th of a section, where possible (e.g., NW¹/₄, SW¹/₄, S10, T15N, R11E, Douglas County). For right-of-way projects that extend over several sections, a legal description is not required provided the site map (See Section F below) adequately identifies the location of the project.
- B. A declaration as to whether the site had been authorized to discharge under the previous construction storm water general permit (See Section B.5) or is presently covered by any other NPDES permit.
- C. The identity of the site owner, the developer and/or the contractor to which the discharge authorization will be issued. The party or parties specified should be those responsible for maintaining compliance with the terms and conditions of the permit.
- D. Identity of the Cognizant Official

The identity, mailing address and telephone number of the "cognizant official" the site owner, the developer, and/or the contractor shall be provided. If the "cognizant official" for more than one party (e.g., site owner, developer and contractor) sign the NOI, the discharge authorization shall be issued jointly to them. See examples below.

The qualifications and responsibilities for the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

Example 1: The cognizant official for the developer signs the NOI. The developer assumes full responsibility for developing the SWPPP and for ensuring the contractors working on the site implement the SWPPP.

Example 2: The cognizant officials for the site owner and the primary contractor both sign the NOI. The owner and the contractor are both responsible for developing the SWPPP and for ensuring it is implemented.

Appendix C (continued)

Example 3: The cognizant officials for the site owner, the developer and the primary contractor all sign the NOI. All three are then responsible for developing the SWPPP and for ensuring it is implemented.

E. Identity of the Authorized Representative

The identity, mailing address and telephone number of the "authorized representative" shall be provided. The "authorized representative" is the primary contact for correspondence and monitor reporting, and must meet the requirements set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Only one authorized representative may be designated for any one construction site. The authorized representative may also sign NOIs, if the Cognizant Official has submitted an NOI previously and has specifically authorized the authorized representative to perform this task (See Appendix C Section K below).

F. One or more site maps are required as specified below.

1. On all projects, except those on linear right-of-way projects (e.g., pipelines, roads railways or cable right-of-ways), a map or maps showing the location of disturbed areas, storm water outfalls, erosion and sediment control structures, and any streams or wetlands on or adjacent to the project shall be provided.
2. On all projects of 20 acres or more, except those on linear right-of-way projects, a map or maps showing existing and post-construction contours shall be provided.
3. On linear right-of-way projects, a map or maps identifying the segments of the right-of-way involved in the proposed project and their location shall be provided.

G. The following information concerning the construction or development site is required.

1. A proposed schedule for the project identifying the construction phases and the implementation of pollution prevention activities (e.g., installation of erosion control structures and sedimentation basins, initial grading, temporary seeding, utility installation, final grading, paving, and permanent seeding) shall be provided.
2. A description of the pollution control and prevention practices to be used shall be provided.
3. The area of the overall site and the area that will be subject to clearing, grading or excavation shall be provided. On linear right-of way projects, the applicant shall submit information on the approximate width and length of the areas disturbed rather than the area of the project(s).

Appendix C (continued)

4. The receiving stream(s) to which storm water will be discharged shall be identified. Any receiving streams identified in Appendix B shall be identified as such, thus acknowledging that written discharge authorization is required. On linear right-of-way projects where it is impractical to identify every receiving stream, it shall only be necessary to identify the receiving streams that are listed in Appendix B, provided the site map (See Section F above) adequately identifies the location of the project(s).
 5. Any information of which the applicant is aware concerning existing wastes or contamination present at the proposed construction site shall be provided.
 6. If waste or contamination is present, describe planned clean-up and/or disposal procedures shall be described.
 7. Any storm water discharges to any large or medium municipal storm water systems (More information is provided in permit Section C.3.c concerning requirements for these sources.) shall be identified.
- H. Other government agencies with jurisdiction relative to the construction site shall be identified. A brief explanation of the responsibilities and requirements of those programs shall be provided, as well as a status report on any application and permit requirements. Examples include the following:
- US Army Corps of Engineers - CWA §404 permit - application submitted
 - City grading permit - application submitted and permit received
 - Local NRD erosion control standards - SWPPP will meet requirements
- I. Information identifying whether the applicant has obtained authorization to discharge under this general permit before and whether the proposed construction project is a continuation of a previous project.

Appendix C (continued)

J. Certification

The following certification statement shall be contained in the NOI.

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

I further certify that:

1. I, or qualified members of my staff, have reviewed and understand the terms and conditions of NPDES General Permit Number NER100000;
2. the construction site(s) identified in Section 1 of this NOI meets the "Applicability" requirements and is not excluded by the "Limitation of Coverage" requirements, set forth in Section B of the permit; and
3. I understand that the submission of this NOI obligates the owner, developer and/or operator identified in this NOI to comply with the terms and conditions of the Permit NER100000, provided authorization to discharge is obtained.

K. Signature Requirements

The initial NOI submitted by any person, business, government agency, or other entity shall be signed by the Cognizant Official(s) representing them. Any NOIs submitted for additional sites may be submitted under the signature of the Authorized Representative, provided the Cognizant Official has specifically authorized them to perform this task in a previous NOI or other follow-up written documentation.

If the Cognizant Official for more than one party signs the NOI, then the discharge authorization shall be jointly issued to them. If more than one party is identified as an owner, developer or contractor in the NOI, but the Cognizant Official for only one party signs the NOI, the discharge authorization shall be issued to that party alone.

Nebraska Department of Environmental Quality

NPDES Municipal and Industrial Section
Water Quality Division
1200 'N' Street, Suite 400, The Atrium
PO Box 98922
Lincoln, NE 68509-8922
Tel. 402/471-4220
Fax 402/471-2909

NPDES Form CSW-NOI

Notice of Intent (NOI) Requesting Discharge Authorization for Storm Water from Construction Sites Under the NPDES General Permit NER100000.

Submission of this NOI fulfills the requirements set forth in Sections C.1 and C.2 of NPDES General Permit Number NER100000. By submission of this NOI, the applicant is requesting authorization to discharge under the terms and conditions of said permit, and is agreeing to meet all of the terms and conditions set forth in said permit. The specific procedures used for granting authorization to discharge are set forth in Section C.4 of the permit. Appendix C in the permit also contains information that may provide some assistance in the completion of this NOI.

The applicant is responsible for ensuring they meet the "Applicability" requirements set forth in Section B of the permit. Once authorization to discharge is granted, the permittee is required to maintain compliance with the terms and conditions of the permit. Any questions concerning this NOI, the permit, its applicability, its terms or conditions, or any other related subjects, should be directed to the NPDES Municipal and Industrial Section at (402) 471-4220. Written requests and application submittals should be sent to the NPDES Municipal and Industrial Section at the address set forth on page 6 of this form.

Attachments may be used to complete or supplement this NOI provided they are identified and referenced on this form.

1) Identification of Construction Project

Name of Project: _____

Location of Project (Street address or brief narrative description): _____

Legal Description ⁽¹⁾: _____ Quarter of the _____ Quarter, or _____

Section _____, Township _____ N, Range _____ (EorW), _____ County

(1) Applicants may enter a legal description in terms other than those requested. For example: N 1/2, Section 8, Township 8 N, Range 6.W..

2) Site Map(s) - Provide one or more site maps as directed below.

For all projects, except those on linear right-of-way projects (e.g., pipelines, roads railways or cable right-of-ways), provide a map or maps showing the location of disturbed areas, storm water outfalls, erosion and sediment control structures, and any streams or wetlands on or adjacent to the project.

For projects of 20 acres or more, except those on linear right-of-way projects, provide a map or maps showing existing and post-construction contours.

For linear right-of-way projects, provide a map or maps identifying the segments of the right-of-way involved in the proposed project and their location(s).

3) Information on the Construction Project (Continued)

Total Area of the Site: _____ acres Area of the Site that will be Disturbed: _____ acres

or for linear right-of-way projects length and width approximations may be provided: _____

Briefly describe the project: _____

Provide (or attach) a tentative schedule for the construction project including the installation or implementation of major erosion prevention and control measures (e.g., initial installation of controls, temporary and permanent seeding, etc.).

Provide any information of which the applicant is aware, concerning any existing wastes or contamination that may exist at the proposed construction site, or that may be present in fill material to be used at the site. If waste or contamination is present, describe any planned clean-up and/or disposal procedures. If the applicant is not aware of any existing contamination or wastes at the site or in fill, write "NONE" below.

4) Receiving Stream:

Identify the receiving stream or streams to which storm water from this project will be discharged (for linear right-of-way projects it may only be necessary to identify receiving streams that are listed in Appendix B):

Is the receiving stream listed in Appendix B of the permit? _____

If yes, written discharge authorization will be required prior to the start of the project (See permit Section C.4.e).

=====

5) Owner , Developer and/or Operator Responsible for Permit Compliance

This section is used to identify the owner, the developer and /or the contractor for which the discharge authorization is requested (i.e., the applicant(s)). If only one owner, developer or contractor is to be responsible for permit compliance, then only applicant need be identified. If two or more owners, developers or contractors are to share responsibility for permit compliance, then they must all be identified.

A "cognizant official" must be identified for each applicant. The "cognizant official" is responsible for signing all permit applications and meets the requirements set forth in NDEQ Title 119 Chapter 10.001:

"All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

Name of Applicant #1: _____

Check Appropriate Role(s): Land Owner _____ Leasee _____ Developer _____ Contractor _____ Other _____

If "Other" specify: _____ Tel. _____

Cognizant Official: _____ Title: _____

Mail Address: _____

City: _____ State: _____ Zip: _____

Name of Applicant #2: _____

Check Appropriate Role(s): Land Owner _____ Leasee _____ Developer _____ Contractor _____ Other _____

If "Other" specify: _____ Tel. _____

Cognizant Official: _____ Title: _____

Mail Address: _____

City: _____ State: _____ Zip: _____

Name of Applicant #3: _____

Check Appropriate Role(s): Land Owner _____ Leasee _____ Developer _____ Contractor _____ Other _____

If "Other" specify: _____ Tel. _____

Cognizant Official: _____ Title: _____

Mail Address: _____

City: _____ State: _____ Zip: _____



6) Facility Contact or Authorized Representative

The Applicant(s) set forth above may designate an individual to be the "Authorized Representative" for the project. The "authorized representative" is the primary facility contact for correspondence and monitor reporting, and may also be authorized to submit NOIs for future projects. The Authorized Representative must meet the requirements set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

The Authorized Representative

Authorized Representative: _____ Title: _____

Employer: _____ Tel.: _____

Mail Address: _____

City: _____ State: _____ Zip: _____

Is the Authorized Representative authorized to submit future NOIs (Yes or No): _____

7) Previous Projects

Have the Applicant(s) applied for authorization to discharge storm water under this permit or any other permit previously? _____ If so, provide the following information on the most recent project:

NPDES Authorization Number: NER10 _____ Approximate Date: _____

Project Name & Location: _____

Is this project a continuation of any previous project? _____ If so provide the following for the previous project:

NPDES Authorization Number: NER10 _____ Approximate Date: _____

Project Name & Location: _____

8) Additional Information that may be Pertinent (Optional)

9) Other Discharge Requirements:

Is storm water from this site discharged within the city limits of Omaha or Lincoln? _____

If yes, the city will need to be notified. Has this been accomplished? _____

If yes, please provide City contact's name: _____

If not, explain or provide notice schedule: _____

Is storm water discharged to a storm water conveyance owned or maintained by any other local city, county

or drainage district? _____ If yes, please specify: _____

Have local government agencies been contacted concerning any local requirements? _____

Is this project in compliance with local stormwater regulations concerning water quality, erosion control and flow attenuation? If not, explain.

Has the US Army Corps of Engineers been contacted concerning CWA § 404 requirements? _____

Is the project subject to CWA § 404 requirements? _____

If yes, has a § 404 permit application been submitted? _____

Has a § 404 permit been issued? _____

If a § 404 permit is required, but has not yet been obtained please explain status: _____

Has the local NRD been contacted concerning this project? _____

Does the NRD have any regulations that relate to this project? If yes, please explain: _____



10) Certification

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

I further certify that:

- 1) I, or qualified members of my staff, have reviewed and understand the terms and conditions of NPDES General Permit Number NER100000;
- 2. the construction site(s) identified in Section 1 of this NOI meets the "Applicability" requirements and is not excluded by the "Limitation of Coverage" requirements, set forth in Section B of the permit; and
- 3. I understand that the submission of this NOI obligates the owner, developer and/or operator identified in this NOI to comply with the terms and conditions of the Permit NER100000, provided authorization to discharge is obtained.

Signature of Cognizant Official #1 or Authorized Representative **

Date

Name and Title of Cognizant Official #1 or Authorized Representative

** If two or more applicants were identified on page two of the application, the cognizant officials for each must sign this form, unless an Authorized Representative was previously designated by the same group of applicants.

** If this form is signed by an Authorized Representative, specify when and how was this authorized?
(e.g., letter of 8/1/97 for Prairie Estates in Kearney or NOI submitted on 8/2/97 for NER10002)

Signature of Cognizant Official #2

Date

Name and Title of Cognizant Official #2

Signature of Cognizant Official #3

Date

Name and Title of Cognizant Official #3

Submit the completed NOI to:

Mail Address:

NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, NE 68509-8922

Location Address:

NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
1200 'N' Street, The Atrium, Suite 400
Lincoln, NE 68509

Nebraska Department of Environmental Quality

NPDES Municipal and Industrial Section
Water Quality Division
1200 'N' Street, Suite 400, The Atrium
PO Box 98922
Lincoln, NE 68509-8922
Tel. 402/471-4220
Fax 402/471-2909

Application Instructions NPDES General Permit for Storm Water Discharges from Construction Sites NER100000

General - Application for the permit is made by submitting a Notice of Intent (NPDES Form CSW-NOI). The CSW-NOI form requires applicants to certify that they are familiar with the terms and conditions of the permit, and that they agree to comply with them. Therefore, it is important that you review and understand the permit prior to submitting the CSW-NOI form. In some instances a written authorization must be issued by the Department. However, if a written authorization is not required, discharge authorization is granted 7 days after the Department receives the CSW-NOI form.

Step 1 - Review the permit. The permit summary sheet is a good starting point, but the permit itself needs to be reviewed in its entirety. The information in Permit Sections B, C, D and F will probably prove to be the most pertinent to applicants.

Permit Section B - Make certain the permit applies to your construction or development site. In general, construction sites of 5 acres or more are required to seek coverage under an NPDES permit and this permit can be used to provide that coverage in most circumstances. This permit also has application to construction and demolition debris landfill sites.

Permit Section C - Sections C.1 thru C.4 explain the Notice of Intent process. It is not necessary for you to review Appendix C referenced in Section C.2 because the information described is contained in the CSW-NOI form. Section C.7 contains requirements for project start-up and completion that are separate from the Notice of Intent process.

Permit Section D - This section describes the Storm Water Pollution Prevention Plan that all permittees must develop and implement. It is very important that you understand these requirements and that you can comply with them. Failure to implement an effective SWPPP would be a violation of the permit.

Permit Section F - Note the two narrative limits on toxicity and aesthetics in Sections F.1 and F.2.

Step 2 - Complete and submit the NPDES Form CSW-NOI. This form is an attachment to the permit and should be located immediately following page 34 of the permit. **Do not confuse the CSW-NOI form with the CSW-START form.** The CSW-START form is a much shorter form used to comply with the reporting requirements found in Permit Section C.7.

In most instances, a CSW-NOI form needs to be submitted for each project site. However, public agencies and private companies that do routine construction activities on right-of-ways (e.g., public road departments, pipeline companies, railroads, etc.) may submit CSW-NOI forms on an annual basis with a schedule of their planned projects. The submission of the annual CSW-NOI form does not preclude said agencies or companies from submitting additional CSW-NOI forms for site specific projects as well.

Attachments may be used to supplement the CSW-NOI form. Any attachments used needs to be referenced in the appropriate section of the CSW-NOI form.

CSW- NOI Section 1 - Identify the name and location of the project.

Step 2 (Continued)

CSW- NOI Section 2 - Provide the site map(s) requested. Note that map requirements vary dependent upon site size and project type.

CSW- NOI Section 3 - Provide the information requested. The project description may be very brief; for example, residential housing development, or road construction activity. The schedule submitted may also be brief, but many projects may require a brief attachment. When possible, it is advantageous to submit an accurate start date for projects because if the start date is accurate within 30 days a the CSW-START form need not be submitted later. The last question in this section relates to the presence of any pre-existing contamination on the site (e.g., a leaking underground storage tank or an illegal dumping site). If such contamination exists, it must be noted and the proposed clean-up procedures to be taken need to be described.

CSW- NOI Section 4 - Identify the receiving stream and then consult Appendix B to determine if it is listed. If a receiving stream is listed, written discharge authorization from the Department is required. For linear right-of-way projects that cross the drainages of multiple receiving streams, it is only necessary to identify any receiving stream(s) identified in Appendix B.

CSW- NOI Section 5 -Permits may be issued to “**owners**”, “**developers**” and/or “**contractors**”. Generally, only one individual, company or agency takes responsibility for permit compliance. However, there may be instances where 2 or more individuals, companies or agencies wish to share responsibilities for permit compliance. The CSW-NOI form has space for up to 3 applicants, but only one applicant needs to be identified. The applicant(s) identified will be responsible for permit compliance provided the appropriate cognizant official signs on page 6 of the form (i.e., if 2 applicants are identified but the cognizant official for only one applicant signs the CSW-NOI form, then only the applicant that signed the CSW-NOI form would be responsible for permit compliance).

CSW- NOI Section 6 - The “**Authorized Representative**” is the primary contact for the applicant for such matters as coordinating on-site inspections and discussing initial inspection findings. Only one authorized representative should be identified. If the applicant intends to submit additional NOIs in the future, the “authorized representative” may be authorized to sign future NOIs. This is not an option that is recommended, but may be advantageous for permittees with multiple projects on right-of-ways.

CSW- NOI Section 7 - Provide the information requested on previous projects carried out by the applicant. Also indicate whether this project is a continuation of a previous project. This later request is primarily aimed at identifying previous projects by the same applicant. Applicants are not responsible for identifying projects that may have been initiated by others, although this information may be provided if they have knowledge of the previous project.

CSW- NOI Section 8 - This space may be used to provide any additional information the applicant(s) feel is pertinent. Completion of this section is not required.

CSW- NOI Section 9 - Completion of this section is intended to remind the applicant of other regulations that may apply to their project. **Completion of this section is required.** The Clean Water Act (CWA) §404 permit program requirements potentially apply to any project that impacts a wetland area or involves the disturbance of a stream channel.

CSW- NOI Section 10 - The CSW-NOI form must be signed by the appropriate person. In most instances this is the **cognizant official**. However, if the applicant has submitted a previous CSW-NOI form and has previously authorized the “authorized representative” to sign CSW-NOI forms for them (See Section 6 of the CSW-NOI form), the “authorized representative” may sign the form.

Step 3 - Submit the completed CSW-NOI form and any attachments to the address shown on the bottom of the form. Applicants may want to request a return receipt from their postal or commercial carrier service so that they know when the application was received by the Department and if written discharge authorization is not required, when discharge authorization occurs (i.e., 7 days after receipt).

Nebraska Department of Environmental Quality

NPDES Municipal and Industrial Section

Water Quality Division

1200 'N' Street, Suite 400, The Atrium

PO Box 98922

Lincoln, NE 68509-8922

Tel. 402/471-4220

Fax 402/471-2909

NPDES Form SW-SEMR - Storm Event Monitoring Report

Reporting is required for all storm event monitoring activities in which quantitative analyses for storm water pollutants is conducted. Monitoring results are to be submitted to the Department within 30 days following the monitoring event, unless a Department approved extension is provided. Certain parts of this form may not apply to all monitoring events. If the information requested is not available, please write-in: "Not Available". Attachments may be used to supplement this form provided they are referenced or identified in this form.

1) Facility Identification:

NPDES Authorization Number: NER 1 0 _____

Permit Number NER100000

Facility Name: _____

Facility Location: _____

2) Precipitation Event Information:

Duration (Hrs): _____ Magnitude (Inches): _____

Start of Precipitation Event (Date/Time) _____

End of Precipitation Event (Date/Time) _____

Time Elapsed Between Event Sampled and Previous Precipitation Event _____

3) Monitoring Information: Supply the following information for each outfall monitored.

Outfall Designation (#) _____

Monitoring Started (Date/Time) _____

Monitoring Ended (Date/Time) _____

Discharge Volume (Gallons) * _____

* The volume of storm water discharged may be measured or calculated; see permit Section F.3.b.

Provide or attach a brief explanation of the sampling procedures used (i.e., grab, time composite, or flow proportioned composite), and list the pollutants monitored at each outfall. Provide pollutant specific and outfall specific information when necessary. See permit Section F.2 for sampling procedure requirements.

4) Monitoring Results: Provide or attach all discharge monitoring event test results, and identify the laboratory(s) and test methods used. All attached pages must be identified by page numbers or other identifying designations. Examples: ABC Lab report No. 010198-0765 (3 pages); or See attached pages designated A1 thru A6.

5) Other Information: Provide or attach any other information pertinent to this monitoring report.

6) Certification and Signature

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted, based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319, and Neb. Rev. Stat. §§ 81-1508 thru 81-1508.02.

Signature of Authorized Representative or Cognizant Official **

Date

Printed Name

Title

** The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

- All permit applications submitted to the Department shall be signed:
001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;
001.02 In the case of a partnership, by a general partner;
001.03 In the case of a sole partnership, by a general partner; and
001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

** The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Submit the completed NOI to:

Mail Address:
NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, NE 68509-8922

Location Address:
NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
1200 'N' Street, The Atrium, Suite 400
Lincoln, NE 68509

Nebraska Department of Environmental Quality

NPDES Municipal and Industrial Section

Water Quality Division

1200 'N' Street, Suite 400, The Atrium

PO Box 98922

Lincoln, NE 68509-8922

Tel. 402/471-4220

Fax 402/471-2909

NPDES Form CSW-START - Notice of Start-up of Construction Activity

This form may be used to notify the Department that construction activity has been started at a site having coverage under the NPDES general permit for storm water discharges from construction sites, NER100000. Submittal of this form fulfills the requirements of Section C.7.a of the permit.

This form is not the Notice of Intent or NOI form which is used to request discharge authorization. An NOI must be submitted prior to or concurrent with this form to obtain discharge authorization.

NPDES Authorization Number: NER 1 0 _____ Permit Number NER100000

Facility Name: _____

Facility Location: _____

Telephone Number: _____

Date Construction Activities were or will be Commenced: _____

Signature of Authorized Representative or Cognizant Official **

Date

Printed Name

Title

** The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

** The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Submit the completed form to:

Mail Address:

NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, NE 68509-8922

Location Address:

NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
1200 'N' Street, The Atrium, Suite 400
Lincoln, NE 68509

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NPDES Form CSW-END - Notice of Completion of Construction Activity

=====
This form may be used to fulfill the requirements of Section C.7.b of the NPDES general permit for storm water discharges from construction sites, NER100000. This notice should be submitted when 95% of a permitted construction site has been stabilized with perennial vegetation or other permanent cover. Coverage under the permit is typically terminated 180 days after 95% of the site is stabilized (See permit Section B.4.a).
=====

NPDES Authorization Number: NER 1 0 _____ Permit Number NER100000

Facility Name: _____

Facility Location: _____

Telephone Number: _____

Date when 95% of the area of the site was stabilized: _____

Proposed date for ending permit coverage: ****** _____

**** Must be at least 180 days after the date when 95% of the site was stabilized.**

=====

_____ Signature of Authorized Representative or Cognizant Official **	_____ Date
_____ Printed Name	_____ Title

**** The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:**

- All permit applications submitted to the Department shall be signed:
- 001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;
- 001.02 In the case of a partnership, by a general partner;
- 001.03 In the case of a sole partnership, by a general partner; and
- 001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

**** The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:**

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

=====

Submit the completed form to:

Mail Address:
NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, NE 68509-8922

Location Address:
NPDES Municipal and Industrial Section
Nebraska Department of Environmental Quality
1200 'N' Street, The Atrium, Suite 400
Lincoln, NE 68509

=====

Nebraska Department of Environmental Quality

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Summary
NPDES General Permit for
Storm Water Discharges from Construction Sites
NER100000
(Updated March 16, 2000)

Section A - Summary of Permit Contents (p. 2)

This section is a table of contents and provides a overview of the permit.

Section B - Applicability (pp. 3 & 4)

This section describes the type of sites covered and the time period over which they are covered under the permit. In addition to construction sites, this permit is applicable to disposal areas for construction and demolition (C&D) wastes. C&D disposal areas require an NPDES storm water permit if their operations involve grading or excavation on 5 or more acres.

Section C - Notification and Discharge Authorization Procedures (pp. 5 - 8)

Sections C.1 thru C.3 (p. 5) describe procedures for submitting a Notice of Intent (NOI) which serves as the application for the permit. Appendix C describes the information required in an NOI. It is not generally necessary to review Appendix C, because all of the pertinent information is requested in the CSW-NOI form attached to the back of the permit.

Section C.4 (p. 6) describes how discharge authorizations are granted. There are circumstances under which written discharge authorization from the Department is required. If these do apply to your site, discharge authorization is granted 7 days after the Department receives the completed CSW-NOI form.

Sections C.5 or C.6 (pp. 6 - 7) describe procedures for revoking permits or requiring application for alternative permits. Reasons for such requests are explained in these sections. In general, such actions may be taken if water quality concerns arise relative to your site.

Section C.7 (p. 8) sets forth requirements for notifying the Department of project start-up and finish. A start-up notice is not required if the start date submitted on the CSW-NOI form is accurate within 30 days. Forms for notifying the Department of project start-up and completion are attached to the back of the permit.

Section D - Storm Water Pollution Prevention Plan (SWPPP) (pp. 8-13)

This is the most important section of the permit with respect to controlling pollutant discharges from your site. This section needs to be reviewed in detail so that you can ensure your site is in compliance with the permit. An effective SWPPP will need to be implemented at your site.

Section E - Monitoring Requirements and Procedures (pp. 13 - 14)

The monitoring of storm water from your site is not required unless the Department requests it. Therefore, a thorough knowledge of this section's contents is not necessary unless such a request is made.

Section F - Other Conditions and Requirements (pp. 14 - 15)

This section contains general restrictions on the discharge of materials that are toxic to aquatic life or that degrade stream aesthetics.

Section G - Periodic Reporting and Record Keeping Requirements (p. 15)

This section contains a summary of the reporting and record keeping requirements contained in the permit. Periodic review of this section may prove useful to avoid an unintentional lapse in meeting these requirements.

Appendix A - Standard Conditions for NPDES and NPP Permits (pp. 16 - 27)

Section G.8 (p. 15) provides a summary of the reporting record keeping requirements in this rather lengthy appendix. Pages 25 thru 27 of the appendix define terms and abbreviations used in the permit.

Appendix B - Water Bodies Where Written Discharge Authorization is Required (pp. 28 - 30)

This appendix is a reference to be used in filling out the CSW-NOI form. This appendix contains a county by county listing of receiving streams to which written discharge authorization is required.

Appendix C - Information and Signatures Required in NOIs (pp. 31 - 34)

This appendix describes the information that must be included in an NOI. Review of this appendix is not required because the CSW-NOI form meets these requirements. However, if you have questions concerning what is being requested on the CSW-NOI form, this appendix may prove helpful.

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