CONSTRUCTION

STORM WATER POLLUTION PREVENTION PLAN

GRAVES DEVELOPMENT RESOURCES

BELLBROOK

OMAHA, NEBRASKA

Revision 1.0

March 2004

TABLE OF CONTENTS

Chapter	Title	Page No.
SECTION 1.0	**BACKGROUND**	**1-1**
1.1	REGULATORY BASIS	1-1
1.2	PURPOSE	1-1
SECTION 2.0	**SITE CHARACTERISTICS AND PROJECT DESCRIPTION**	**2-1**
2.1	SITE LOCATION	2-1
2.2	CONSTRUCTION SITE DESCRIPTION	2-1
2.3	CONSTRUCTION SCHEDULE	2-2
2.4	EXISTING SITE CONDITIONS	2-2
2.5	GENERAL ACTIVITIES	2-3
SECTION 3.0	**IDENTIFICATION OF POTENTIAL STORM WATER CONTAMINANTS**	**3-1**
3.1	MATERIALS INVENTORY	3-1
3.2	NON-STORM WATER DISCHARGES	3-1
SECTION 4.0	**STORM WATER MANAGEMENT CONTROLS**	**4-1**
4.1	SEDIMENT AND EROSION CONTROL	4-1
4.1.1	Pre Construction	4-3
4.1.2	Construction	4-4
4.1.3	Post Construction	4-5
4.2	GOOD HOUSEKEEPING	4-6
4.3	VISUAL INSPECTION	4-7
4.4	SPILL PREVENTION AND RESPONSE	4-8
4.5	TRAINING	4-8
4.6	RECORD KEEPING	4-8
SECTION 5.0	**REFERENCES**	**5-1**

LIST OF FIGURES

Figure No.	Title	Page No.
FIGURE 2-1	VICINITY LOCATION MAP	2-6
SHEET 1	EXISTING SITE CONDITIONS	BACK BINDER POCKET
SHEET 2	PRE-CONSTRUCTION	BACK BINDER POCKET
SHEET 3	PHASE I SITE CONSTRUCTION	BACK BINDER POCKET
SHEET 4	PHASE 2 BUILDING CONSTRUCTION	BACK BINDER POCKET
SHEET 5	POST-CONSTRUCTION	BACK BINDER POCKET

LIST OF APPENDICES

APPENDIX A, NOTICE(S) OF TERMINATION/AGREEMENTS TO IMPLEMENT SWPPP

APPENDIX B, NOTICE OF INTENT/NDEQ CORRESPONDENCE

APPENDIX C, NPDES STORM WATER PERMIT

APPENDIX D, EVALUATION MONITORING

APPENDIX E, RECORD OF TRAINING

STORM WATER POLLUTION PREVENTION PLAN

PROJECT OWNER

Project Name:	Bellbrook
Location (Address or Lat/Long):	Southwest corner of 192nd and Harrison Streets, Omaha, Nebraska N 41° 19' 05"/W 96° 21' 57"
Planned Use:	Single family residential development with 483 lots, including lots for a public school, town homes, club house, and a church assembly

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The Responsible Official with the authority to commit personnel, financial, and other resources to assure compliance with storm water pollution prevention regulations:

Name:	Gene Graves
Title:	President
Developer	Graves Development Resources
Phone:	402-614-9100
Fax:	402-614-9104
Email:	gene@gdromaha.com

STORM WATER POLLUTION PREVENTION PLAN
PROJECT CONTACT

The Site Contact(s) with day to day operational control of those activities necessary to ensure compliance with the SWPPP and NPDES permit conditions are listed below. To the extent, practical individuals available on site on a daily basis are listed (e.g., contractors, subcontractors, builders, etc.)

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	Title:	President
	Company (Engineer):	RD Engineering, Inc.
	Phone:	402.505.4355
	Fax:	402.505.4432
	Email:	bdean@rdengineering-inc.com
SITE CONTACT	Name:	Larry Sexton
	Title:	Construction Technician
	Company (Engineer):	RD Engineering, Inc.
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	Fax:	402.505.4432
	Email:	lsexton@rdengineering-inc.com
SITE CONTACT	Name:	Murray McArdle
	Title:	Vice President
	Company (Grader):	McArdle Grading
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	E-mail:	Murray@McArdleGrading.com

STORM WATER POLLUTION PREVENTION PLAN CERTIFICATION

Cognizant Official 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 information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Name: _____

Title _____

Facility: _____

Signature & Date: _____

DOCUMENT DISTRIBUTION LIST

Because revisions to this document are anticipated, document control is necessary. As a result, each copy of this document is in its own binder with a distribution page that lists the document number and the holder of each copy. Appendix A to this SWPPP is incorporated by reference as identifying all parties that are in possession of this SWPPP.

Initial Distribution

Document No.	Holder	Location
1	Larry Sexton	With the field representative
2	Robert L. Dean	RD Engineering, Inc. Main Office
3	Gene Prososki	Graves Development Resources
4	Murray McArdle	McArdle Grading, P.O. Box 501, 112 Railroad Avenue, Elkhorn, Nebraska 68022

REVISIONS TO THE STORM WATER POLLUTION PREVENTION PLAN

If deficiencies arise during the course of the project, corrective actions will be implemented and/or modifications made to this SWPPP plan. In addition, revisions to this plan will be made as a result of observations made during the routine storm water inspections of the site, and whenever a there is a change in the site design, construction, operation, or maintenance that impacts the potential discharge of pollutants, or if elements of the plan prove to be ineffective in controlling the discharge of pollutants. A record of modifications to this SWPPP plan will be indicated in the following table:

Document	Review Revision Date	Revision No.	Originator
SWPPP	March 2004	1.0	RD Engineering, Inc.

SECTION 1.0

BACKGROUND

SECTION 1.0
BACKGROUND

1.1 Regulatory Basis

In 1990, the U.S. Environmental Protection Agency (EPA) published final regulations in 40 CFR 122 identified construction as an industrial activity requiring a National Pollutant Discharge Elimination System (NPDES) permit (incorporated by the Nebraska Department of Environmental Quality (NDEQ) in Title 119 – Rules and Regulations Pertaining to the Issuance of Permits under the National Pollutant Discharge Elimination System). "Phase I" of these regulations applied generally to storm water discharges related construction activity disturbing greater than five acres of land. In 1999, the EPA implemented Phase II of the regulations that broadened its scope to apply to construction activities disturbing one acre or greater. Construction or development sites where clearing, grading, or excavations are conducted are subject to the permit conditions contained in the NDEQ Construction Site Storm Water General Permit, NPDES Permit Number NER100000. Section C of this permit requires preparation and implementation of this SWPPP. A copy of the storm water permit is in Appendix C.

1.2 Purpose

RD Engineering, Inc. in Omaha, Nebraska prepared this document on behalf of Graves Development Resources in Omaha, Nebraska, to address the required elements of a Construction Storm Water Pollution Prevention Plan (SWPPP) for their Bellbrook site in Omaha, Nebraska. Development, implementation, and maintenance of the SWPPP will provide Graves Development Resources and its contractors with the framework for reducing soil erosion and minimizing pollutants entering the storm water during the construction of Bellbrook. Although this SWPPP requires the installation and/or construction of structures to control pollution, this document does not contain construction plans and specifications. The SWPPP will:

- Identify potential sources of pollution which could affect storm water quality;
- Describe practices to be used to reduce pollutants;
- Assure compliance with the terms and conditions of the NPDES permit

- Create an implementation schedule to ensure that the practices described in this SWPPP are implemented, and to allow evaluation of the plan's effectiveness in reducing erosion, sediment, and pollutant levels in storm water discharged from the site; and,

- Describe the final stabilization/termination design to minimize erosion and prevent storm water impacts after construction is complete.

SECTION 2.0

Site Characteristics and Project Description

SECTION 2.0
SITE CHARACTERISTICS AND PROJECT DESCRIPTION

2.1 Site Location

The construction site is located southwest of the intersection of 192nd Street and Harrison Street in Sarpy County, Nebraska. The site extends approximately three-quarters of a mile west and one-half mile south along Harrison Street and 192nd Street, respectively. The property lies at approximately N41° 19' 05" latitude and W 96° 21' 57" longitude in the northeast quarter of Section 18, Township 14 north, Range 11 east in Sarpy County, Nebraska. See Figure 2-1, Vicinity Map.

2.2 Construction Site Description

Graves Development Resources is planning to prepare this site for single family residential construction. The total area of the site is approximately 240 acres of which approximately 200 acres will be disturbed during development of this project. The remaining area of 40 acres consisting of waterways, trees, and undisturbed ground in the north-central portion of the site will remain in their natural state as open space. The project will be divided into 483 lots and several outlots for open space, landscape buffering, and recreational uses. Construction activities will include grading, installation of sanitary sewer, storm sewer, and paving. Local utilities will also install gas, water, electric, phone and cable on the property. Nine (9) sediment basins will be constructed at the downstream edges of the project, and adjacent to the open channel that flows through the property. These basins will be located based on site grading to collect storm water runoff during construction. (Reference Sheets 2, Pre-Construction, 3, Phase I Site Construction, and 4, Phase 2 Building Construction). The storm sewers within the site will be installed with manholes and inlets directing runoff to the four sediment basins.

The storm sewers will be temporarily connected to these basins to divert the runoff thru the cells for removal of sediment. At the time the sediment basins are removed (all but 5-acres or less of the area draining to the basin must be stabilized), substitute sediment control measures will be installed until the entire area is stabilized. Other sediment control structures will be implemented

in conjunction with the basins during pre-construction/construction phases to control on site erosion and the release of sediment off site. These practices will consist of the installation of stabilized construction entrances, perimeter and internal silt fence and/or filter socks, diversion berms/swales, seeding/sodding and erosion control matting of perimeter banks with 3:1 or steeper slopes. Site construction is planned on a six day per week basis and will be uninterrupted, except for weather delays, until the site is prepared for building construction. Building construction, duration and sequencing will be dependent upon market conditions. As building units are completed, the surrounding site area will be stabilized by seeding and/or sodding. Sequencing for the removal of internal and external sediment control structures will be phased based on building completion and subsequent site stabilization.

2.3 Construction Schedule

The tentative construction schedule is planned subject to actual weather conditions encountered. Grading operation is scheduled to begin in August 2004. Perimeter silt fence and/or filter socks, temporary berms/swales and sedimentation ponds will be installed prior to any construction activity at the site. Sanitary sewer installation will commence in October 2004 after completion of grading with storm sewer, water, gas, and paving construction scheduled for late fall 2004 through the spring of 2005. Power installation will begin in conjunction with paving and is scheduled for summer thru fall of 2004. Building construction may begin prior to completion of site work. It is anticipated that building construction will start in the summer of 2004 and continue for a period of 36 to 48 months based on market demand. A detailed description of phasing and scheduling can be found in Section 4.0, Storm Water Management Controls.

2.4 Existing Site Conditions

The current land use of the 240 acre site is agricultural. See Sheet 1, Existing Site Conditions/Pre-Construction located in the back binder pocket. Adjacent land use in the area consists of an existing single family residential house on 400 acres to the west and south, single family residential lots on 160 acres to the east of the site, and single family residential house on 320 acres to the north of the site. The local topography exhibits moderate relief, with slopes up to 15 percent. There is an un-named stream that enters the site naturally from the west. The stream flows in a southeasterly direction, then northeasterly and exits the site under 192nd Street in a 10' x 10' box culvert approximately 100' south of Harrison Street. Another unnamed stream

enters the site from the north approximately 2300' west of 192nd Street in a 60" CMP, the stream flows easterly until it intersects with the main unnamed stream of the site. A third drainage source enters the site from the north at approximately 200' from 193nd Street, the stream flows south and enters the main unnamed steam of the site and exits in the 10' x 10' box culvert under 192nd Street. The west portion of the site, consisting of approximately 160 acres, drains northerly into natural drainage ways into the natural site channel on the property. Elevations within this area range from 1266 to 1158 on the east property line. The north portion of the site, approximately 90 acres, drains southerly to the on-site channel. Elevations within this area range from 1268 near the west property line to 1160 on the northeast property line in the stream bed near the 10' x 10' box culvert inlet. The entire site is an upstream tributary to West Papillion Creek, which is approximately 7 miles downstream of the project. Top soil types on the site are predominately silty clay loam.

2.5 General Activities

Sheet 1, Existing Site Conditions, Sheet 2, Pre-Construction, Sheet 3, Phase I Site Construction, Sheet 4, Phase 2 Construction, and Sheet 5, Post-Construction, all located in the back binder pocket show the general progression of construction activities at this site. A total of approximately 200 acres, or 83% of the site, will be cleared and graded during construction.

Currently, the majority of the site except for the northern 80 acres drains to the northeast corner of the site. The northern 80 acres drains southerly to the adjacent property. The site drains to the east, and is an upstream tributary of West Papillion Creek which is located approximately 7 miles east of the site.

During the overlot grading phase, the property will be graded so that the general runoff patterns conform to the existing conditions. Of the area that drains to the north on the site, five distinct drainage basins will be created, each draining to the north and east to five sedimentation ponds. Silt Basins 1, 2, 3, 4, and 5 drain 38 acres, 28 acres, 13 acres, 18 acres, and 20 acres, respectively. Of the area that drains south on the site, four distinct drainage basin will be created, each draining to the south and east to four sedimentation ponds. Silt basins 6, 7, 8, and 9 drains 30 acres, 35 acres, 26 acres, and 32 acres, respectively. Within these sedimentation basin

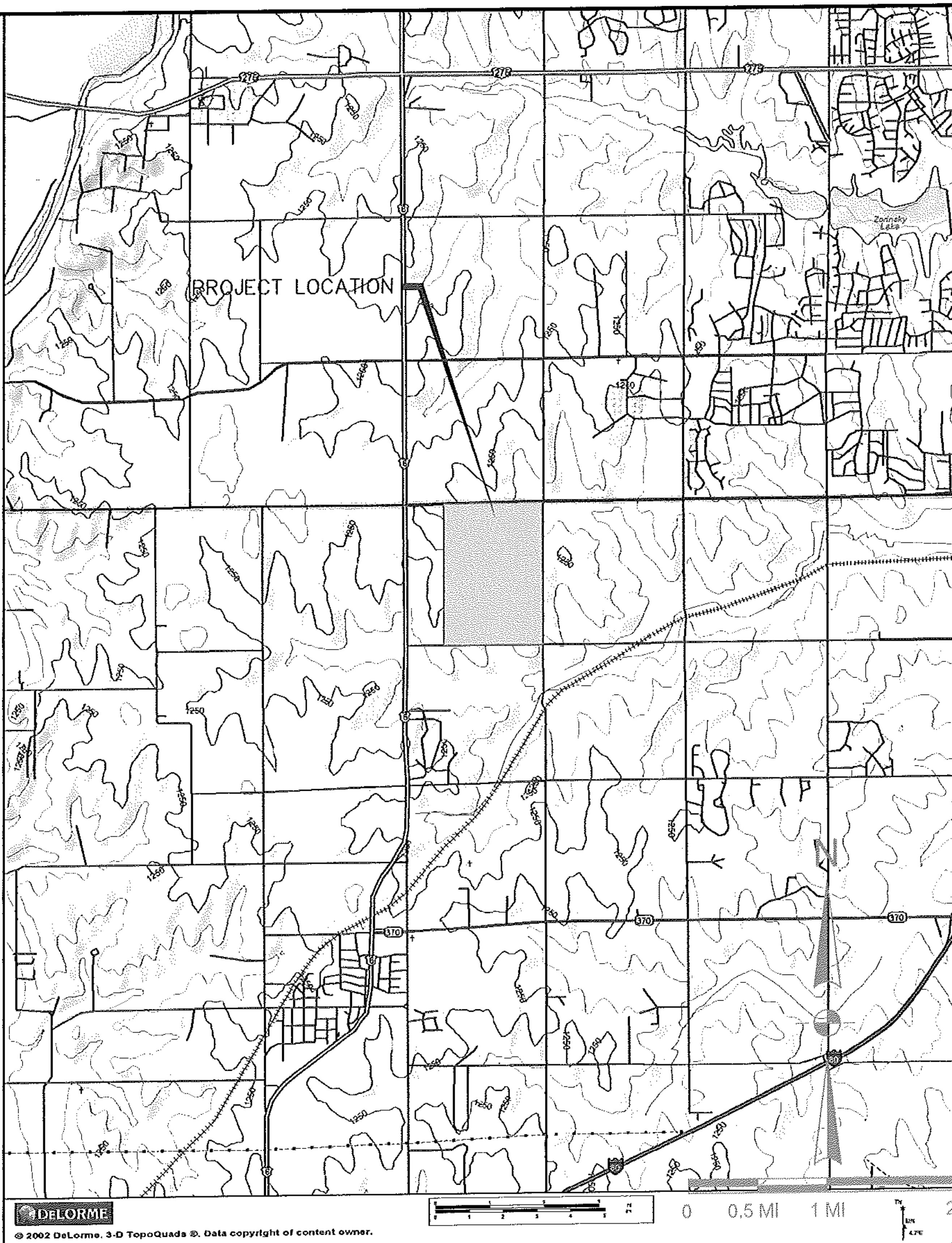
areas, temporary seeding, silt fence and/or filter sock, diversion ditches and erosion control matting will be constructed to augment the silt basins.

As site grading progresses, sediment control in this area will be achieved by a combination of silt fence, erosion control matting and temporary and permanent seeding. Along the north boundary of the site, approximately 4 acres will drain to a roadside ditch along the south side of Harrison Street. The flow in the roadside ditch on the south side of Harrison Street is collected in the on site channel in the northeast corner of the project. The flow is then discharged through the 10' x 10' box culvert under 192nd Street.

A storm sewer system will be installed prior to paving. The permanent connection of the storm sewer system within silt basin drainage areas 1 through 9 will be to the open channel that flows across the site. The permanent connections to the open channels will be plugged during construction and water diverted to the sediment basins through a system of temporary pipes. In areas where street and sewer construction is completed, storm water runoff will flow into the streets and discharge to the storm sewer system through curb inlets. In silt basin drainage area 3, the permanent storm sewer outlet will be the on site channel along the west side of 192nd Street. During construction, the flow will be diverted through sediment basin 3 before it outlets into the channel.

After paving, all curb inlets will be protected from sedimentation through a program of street cleaning and/or installation of inlet protection devices. All area inlets will be protected using silt fence or other acceptable BMP's until the upstream area in stabilized.

The building construction phase may commence prior to completion of site work. Additional internal control practices consisting of silt fence/filter sock and/or perimeter lot berming will be implemented to provide further protection to streets and storm sewer from sediment runoff. These additional control measures shall be set up in sections. As each section is built out and stabilized through permanent seeding or sodding, the BMP's for that area shall be removed. (Ref. Sheet 4, in the back binder pocket showing the additional building phase BMP's). All perimeter and internal sedimentation control structures will remain in place and be maintained until the upstream areas they control are stabilized.



CT NO.:	001-032-04
	MARCH 2004
DESIGNED:	MDS
DRAWN:	MDS
CHECKED:	MDS

BELLBROOK VICINITY MAP

FIG. 2-1

BELLBROOK

SARPY COUNTY, NEBRASKA

ENGINEERING, INC.
3803 N. 153RD STREET, SUITE 201
OMAHA, NEBRASKA 68116
402.505.4355 (PH) . 402.505.4432 (FAX)

SECTION 3.0

IDENTIFICATION OF POTENTIAL STORM WATER CONTAMINANTS

SECTION 3.0
IDENTIFICATION OF POTENTIAL STORM WATER CONTAMINANTS

3.1 Materials Inventory

Table 3-1, Pollutant Source and Significant Material Inventory, identifies potential pollutants and sources that could be exposed to storm water. This table includes information regarding the location, material type, chemical and physical description, and specific regulated storm water pollutants associated with each material. Identification of significant materials that are exposed to storm water runoff and carried to a receiving stream help to determine where potential contamination exists and identifies appropriate best management practices that will be implemented to address the contamination potential.

3.2 Non-Storm Water Discharges

Activities that could contribute non-storm water discharges to the storm water drainage system are evaluated during facility inspections. No activities on this site are anticipated to contribute to non-storm water discharges. Cement washout will be limited to designated areas that will not contribute to storm water discharge. Dust control measures will be performed according to the City of Omaha dust control ordinance in a manner that will not contribute to storm water discharge. Portable toilets are located, stabilized and are serviced routinely so that they will not discharge to the environment. It is acknowledged that non-storm water discharges from activities such as potable water, irrigation, and hydrant flushing may enter the storm water stream. The NPDES allows for these discharges.

TABLE 3-1, POTENTIAL POLLUTANT SOURCE AND SIGNIFICANT MATERIAL INVENTORY

Activity	Material	Location	Amount Kept On Site
Clearing/ Grading	Erosion of soils from cleared and graded areas have the potential to sediment discharge to the West Papillion Creek watershed	Entire site	N/A
Equipment Operation	Tracking of soil into the road through construction entrance	Site Access Points	N/A
Equipment Operation	Leaking hydraulic oil and other fluids from equipment	Entire site	N/A
Equipment Maintenance/Fluid Storage	Hydraulic oil fluids, lubricants	Vehicle Staging Area	None kept on site. Maintenance provided from maintenance trucks housed off site.
Vehicle Fueling	Diesel or Gasoline	Vehicle Staging Area	None kept on site. Off site fuel trucks.
Vehicle Wash down/ Cement Truck Washout	Sediment/Cement	Cement Washout Area	N/A
Solvent Usage	Solvents, glues, etc.	Entire Site Storage @ material/ waste area.	Quantities vary based on contractor.
Sanitary Facilities	Septic waste	Throughout site at designated locations.	Temporary storage and routine maintenance and removed by domestic hauler.

TABLE 3-1, POTENTIAL POLLUTANT SOURCE AND SIGNIFICANT MATERIAL INVENTORY

*Material Storage/Litter Control	Construction materials, debris, wastes	Material/waste area and throughout site.	Quantity varies based on contractor.
Re-vegetation/ Stabilization	Storm water contact with fertilizer after application to re-vegetated areas.	Entire Site	N/A

* Material storage applies to site construction activities for grading, utilities and paving. Materials would typically consist of misc fittings, solvents, chemicals, glues, etc. Utility pipe and rock bedding will be stored throughout the site adjacent to trenching operations. Building construction material will be stored on each lot.

SECTION 4.0

STORM WATER MANAGEMENT CONTROLS

SECTION 4.0
STORM WATER MANAGEMENT CONTROLS

4.1 Sediment and Erosion Control

Sheet 1, Existing Site Conditions, Sheet 2, Pre-Construction, Sheet 3, Phase I Site Construction, Sheet 4, Phase 2 Building Construction, and Sheet 5, Post Construction, all located in the back binder pocket, show the general progression of activities and storm water pollution prevention practices at Bellbrook. The primary pollutant of concern during construction is sediment from erosion. Sediment and erosion control practices will be implemented as required by the NPDES permit to control suspended solids from reaching the watershed. Construction scheduling and phasing has been planned for the site to minimize sedimentation from erosion as follows:

Anticipated Time Frame	Activity	Schedule
Pre-Construction		
March 2004	Install sediment basins and associated perimeter diversion structures.	* Prior to clearing or grading.
March 2004	Stabilize construction entrances.	Prior to clearing or grading.
March 2004	Install perimeter silt fences diversion berms/swales.	Prior to clearing or grading.
March 2004	Construct equipment maintenance/material storage area.	Prior to grading or as soon as selected area is graded.
Site Construction (Phase I)		
March 2004 to July 2004	Clear and grade site.	* Will not begin until all pre-construction erosion control measures have been installed.
* Clearing and grading of select areas to occur prior to and concurrent with construction of sediment basins constructed in fill areas or requiring fill.		

Anticipated Time Frame	Activity	Schedule
May 2004 to July 2004	Stabilize perimeter 3:1 or steeper slopes with erosion control blankets. Construct diversion swales/berms.	In conjunction with or at completion of site grading.
June 2004 thru September 2004	Install sanitary sewers/storm sewers and make temporary connection to sediment ponds; sediment ponds will collect runoff from inlets during construction, except inlets on 197th Street downstream of sediment pond.	Begin during grading operations in areas where grading is completed.
September/October 2004	Install pavement; where necessary, protect storm sewer inlets with appropriate methods.	After sanitary/storm complete.
November/December 2004	Install water & gas.	After completion of paving.
December 2004 thru April 2005	Install utilities (i.e. power, communications, and cable)	In conjunction with and following paving.
As Necessary	Apply temporary seeding.	Any time it is anticipated a check against plan segment will be idle for more than 14 days
Building Construction (Phase 2)		
Start October/November 2004 Approximately 48 month duration	Building construction.	After paving complete.
2005 thru 2009 36-48 month duration	As building construction is completed in each section and lots are stabilized with permanent vegetation (i.e. seeding/sodding) remove internal control measures.	After building construction is completed within a section.

Anticipated Time Frame	Activity	Schedule
As Necessary	Apply temporary seeding.	Any time it is anticipated a segment will be idle for more than 14 days.
Post -Construction		
2008/2009	Apply permanent vegetation (seeding/sodding) to any remaining non-stabilized areas.	After completion of all building construction.
	If necessary, clean and flush storm sewer system, remove temporary connection to sediment ponds, fill sediment pond, permanently connect storm sewer to existing channel.	Remove sediment ponds only after 5 acres or less of the area draining to the basin have not been permanently stabilized and substitute measures have been implemented to control sediment runoff.
	Remove all internal and perimeter sediment control structures.	After completion of building construction and final site stabilization achieved.

Clearing and grubbing shall be limited to areas as small as practical until erosion control structures are fully constructed. The following control practices help to control erosion and direct sedimentation at the site:

4.1.1 Pre Construction

- Construct the nine sediment basins with perimeter diversion berms/swales as required to direct storm water runoff into the basins. These will be constructed adjacent to the open channel that crosses the site, and the roadside ditch on the west side of 156th Street to collect storm water runoff via overland flow and temporary connections to the storm sewer system. Stabilize outlet with rip rap.

- Establish material storage (for site construction activities), waste storage, vehicle maintenance areas and direct runoff away from these areas. When appropriate, diversion dikes and berms will be used to prevent runoff from, or run-on to these areas;
- Maintain historic drainage patterns to original watersheds. If this cannot be done, assess the hydrologic impact to the ditches and downstream structures.
- Place silt fencing along the perimeter where the site is vulnerable to sediment runoff. Perimeter silt fences will remain in place and be maintained until final stabilization of the site is complete.
- Stabilize all site access points with aggregate and use only stabilized entrances to access the site. Aggregate will be maintained to prevent offsite soil tracking. All personnel will be informed that use of non-stabilized access points is prohibited. Contractors will be informed to control dust according to the City of Omaha dust control ordinances.

4.1.2 Construction

- When appropriate, utilize diversion dikes/ditches and berms to prevent run-on to areas that contain potential sources of pollution.
- After installation, temporarily connect storm sewers to the sediment basins. Connections to the permanent storm sewer effluent pipe, exiting the site to existing channels and roadside ditches, will be plugged. Install a rip-rap apron over geotextile at the basin outlet and at all other storm sewer outlet points.
- Slope all cleared and graded land toward the sedimentation basins where possible.
- Install, as necessary, temporary internal diversion dikes/swales to direct runoff to the sedimentation basins.
- During building construction, implement additional internal erosion/sediment control measures by section to help prevent sediment loss to the streets and storm sewer system.

- As necessary, use an accepted method of sediment control to protect curb inlets to supplement the sediment basins until contributing portions of the site have been stabilized with temporary or permanent vegetative cover.

- Protection of the storm sewer inlets will continue throughout the duration of site and building construction. The sediment ponds will be maintained to collect any sediment loss that occurs within the development.

- Direct all vehicular traffic exiting the site to use the stabilized site access.

- Establish vehicle wash down/cement truck wash out areas to supplement prevention of off site soil tracking and storm water pollution.

- Install erosion control blankets on all perimeter slopes equal to or greater than 3:1.

- Temporary or permanent seeding shall be conducted as soon as possible after grading/clearing and building construction activities are completed, and during interim periods on areas that are not actively being worked. Whenever exposed soils are not to be graded for 30 days or more, temporary or permanent seeding will be initiated. After 14 days of work stoppage in an area at least 1 acre in size, crop seeding, temporary seeding, or permanent seeding shall be completed, weather permitting. Apply minimal effective fertilizer to properly prepared soil to allow rapid uptake and minimize fertilizer runoff.

4.1.3 Post Construction

- Maintain silt fences and any other perimeter erosion/sediment control measures until final stabilization of the site is complete.

- Remove sediment ponds and permanently connect storm sewer to existing channel only when 5 acres or less of the area draining to the basin have not been permanently stabilized.

- Place a rip-rap apron/scour hole at the storm water outlet to the existing channels.

- Permanent seeding shall be installed on non-stabilized areas as soon as possible after building activities are completed Whenever exposed soils are not to receive permanent vegetative cover for 30 days or more, temporary seeding will be initiated. Apply minimal effective fertilizer to properly prepared soil to allow rapid uptake and minimize fertilizer runoff.

- Where practical, based on development scheduling, place erosion control blankets on all perimeter slopes equal to or greater than 3:1, if not already implemented during the construction phase.

- A rip-rap apron will be constructed at the outlet of all storm sewer discharge pipes that have not been protected.

4.2 Good Housekeeping

The NPDES permit requires that the area be kept free from clutter, solid waste, scrap material, products, and other material that could have an adverse impact on storm water quality. Current practices associated with good housekeeping are listed as follows:

Operation and Maintenance

- Keep site (grading, utilities, paving) construction materials stored in the designated location. Excludes utility pipe and bedding material.
- Debris and litter will be collected and stored in the designated location protected from direct storm water contact for disposal.
- Minimize the use of wash down water by using dry-cleanup methods whenever possible.
- Cement washout and equipment wash down will only be allowed in the designated areas.
- Regularly collect and dispose of garbage and waste material.
- Ensure that spill clean-up procedures are well understood by personnel.
- Maintain equipment to minimize leaks.
- Equipment maintenance and repair will only be performed in designated areas, which include appropriate waste receptacles for spent oils, gasoline, grease and solvents.
- Water used during dust control activities discharged only to sediment control structures.

- Sanitary facilities will be stabilized and adequately maintained and a domestic hauler is contracted to remove the sanitary sand septic wastes on a regular basis and keep the facilities in working order to prevent overloading of the system.

Material Storage

- Notify the field representative prior to storing any chemicals on-site
- Properly store paints, gasoline, oils, lubricants, solvents, and cleaners within designated material storage areas
- Drain and collect fluids from equipment that has been removed from service
- Store drums on pallets or similar devices in the material storage areas to prevent corrosion
- Only transfer materials in properly designated areas

4.3 Visual Inspection

Site inspections shall be conducted at least at least once every 7 days and within 24 hours of the end of each precipitation storm event of 0.5 inch or greater. These inspections will be used to evaluate the effectiveness of the control measures identified in this SWPPP and to identify conditions that could result in pollutant contamination of storm water runoff. The following areas shall be inspected:

- All areas disturbed by construction activity or used for storage of materials that are exposed to precipitation;
- Inspect storm water management features such as inlets, outlets/discharge locations, culverts, flow diversion structures, sediment ponds and discharge quality;
- Material storage areas; and,
- Entrances and exits for sediment tracking.

The results of these inspections will be used as part of Evaluation Monitoring described in Section 6.0. Corrective actions to address any maintenance needs or deficiencies will be taken as soon as possible. Maintenance and repair of silt fences and other sediment control structures shall be completed within 24 hours after any deficiencies are discovered. If a rainfall event prevents repairs within 24 hours than as soon as access to the site is available.

4.4 Spill Prevention and Response

- An attendant will be present at all times while the fuel transfer equipment is in operation.
- Perform transfer in an area away from storm water inlets.
- Refuel and conduct vehicle maintenance only in designated vehicle staging area.
- Have absorbents available during the transfer. Clean up spills immediately and properly disposes of contaminated materials.
- Visually inspect the tank truck before it leaves to ensure that there are no product leaks from containers, valves or hoses when possible.
- For significant/hazardous spills notify the local emergency response by dialing 911. In addition, notify the proper City/County/State officials. Obtain the services of a Haz-Mat team immediately. Clean up should not begin until qualified personnel are on site.

4.5 Training

Personnel and/or subcontractors responsible for carrying out duties pursuant to the SWPPP shall be properly trained and kept informed of their responsibilities. Personnel, whose daily work activities involve the processes discussed in this plan, shall be provided initial preconstruction training to familiarize them with the SWPPP program including environmental requirements, pollution prevention methods, and best management practices. New personnel will be provided introductory training on these subjects as soon as practical after their hiring date.

4.6 Record Keeping

Retain records and reports associated with this SWPPP including employee training, preventative maintenance, visual inspections, regulatory compliance, release incidents and facility changes that impact the SWPPP in a central filing system notebook for a minimum of three years. Records maintained as part of this SWPPP include:

- The initial Notification of Intent
- Notification of project start up and completion
- Copies of facility inspection and maintenance activities

- Additional record keeping requirements as defined by Condition G of the NPDES General Permit.

SECTION 5.0
REFERENCES

SECTION 5.0
REFERENCES

The following documents and data resources were used in preparing Rev. 1.0 of the SWPPP. The document should be readily available to personnel responsible for implementing best management practices and overall storm water management at this facility.

- Storm Water Management for Construction Activities, USEPA 832-R-92-005, September 1992
- EPA National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges from Large and Small Construction Activities, July 1, 2003.
- NDEQ NPDES General Permit for Storm Water Discharges from Construction Sites (NER100000), Expired July 31, 2002, Effective Dates Extended Pending Further Review August 1, 2002.
- City of Omaha, Soil Erosion and Sediment Control Manual, January 1993

APPENDIX A

AGREEMENTS TO SWPPP CONTENT

Contractors, Builders, or Other Additional Parties Agreeing to the Content of this SWPPP

BY SIGNING THIS PAGE YOU CONFIRM THAT YOU HAVE BEEN NOTIFIED OF THE REQUIREMENT OF THIS SWPPP PLAN AS IT RELATES TO YOUR DUTIES AND RESPONSIBILITIES ON THIS SITE WITHIN YOUR AREA OF CONTROL. FURTHER, YOU HAVE BEEN PROVIDED THE OPPORTUNITY TO REVIEW THE CONTENTS OF THIS SWPPP PLAN AND ASK QUESTIONS OR AT YOUR REQUEST A COPY OF THIS SWPPP PLAN HAS BEEN PROVIDED TO YOU. YOU, THEREFORE, AGREE TO IMPLEMENT THE REQUIREMENTS OF THIS PLAN WITHIN THE AREA OF YOUR CONTROL.

Company, Responsible Official, Title	Signature	Date	Description of Area of Control (e.g. lot number(s), boundaries, etc.)	SWPPP provided? (Number)

APPENDIX B

NOTICE OF INTENT / NDEQ CORRESPONDENCE

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, it's applicability, it's 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 attentuation? 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

APPENDIX C

NPDES STORM WATER PERMIT

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 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

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-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

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

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 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.

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
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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

A. SUMMARY OF PERMIT CONTENTS

	Page
Authorization Page	1
Section A. Summary of Permit Contents	2
Section B. Applicability	3
1. Discharges Authorized by this Permit	3
2. Area of Application	3
3. Limitations on Coverage	3
4. Period of Coverage	4
5. Sites Authorized Under the Previous General Permit	4
Section C. Notification and Discharge Authorization Procedures	5
1. Submission of Initial Notification	5
2. Contents of the Notice of Intent	5
3. Additional Notification Requirements that Apply to Some Sites	5
4. Authorization to Discharge	6
5. Revocation of Discharge Authorization	6
6. Requiring an Alternative Permit and Application	7
7. Notification of Project Start-up and Completion	8
Section D. Storm Water Pollution Prevention Plan (SWPPP)	8
1. General	8
2. Content of the Storm Water Pollution Prevention Plan	9
3. Erosion Control Requirements	10
4. Erosion and Sediment Control Design Specifications.	12
5. Site Inspection and SWPPP Maintenance Activities	12
6. Reporting and Record Keeping Requirements	12
Section E. Monitoring Requirements and Procedures	13
1. Effluent Monitoring Requirements	13
2. Sampling and Analytical Protocols	13
3. Storm Event Monitoring	14
4. Reporting Requirements	14
Section F. Other Conditions and Requirements	14
Section G. Periodic Reporting and Record Keeping Requirements	15

APPENDIXES

Appendix A - Standard Conditions for NPDES and NPP Permits	16
Appendix B - Water Bodies where Written Discharge Authorization is Required	28
Appendix C - Information and Signatures Required in NOIs	31

ATTACHMENTS

Notification of Intent (NPDES Form CSW-NOI)
Storm Event Monitoring Report Form (NPDES Form SW-SEMR)
Project Start-up Notification Form (NPDES Form CSW-START)
Project Completion Notification Form (NPDES Form CSW-END)

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 reseeding 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.

Monitoring Quarters	DMR Reporting Deadlines
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., NW¼, SW¼, 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.

APPENDIX D

EVALUATION MONITORING

Comprehensive Site Compliance Evaluation Instructions

This form is designed to assist responsible personnel in performing the regular site assessment and plan evaluation. Based on the evaluation, the SWPPP shall be revised as appropriate.

Heading and Introduction

Fill in the period (not to be greater than 7 days) this evaluation covers.

Perimeter Structure Control

Verify that silt is not within 1/3 of the fence height. Verify that the fences are properly secured. Check for evidence of washout or overtopping. Note: The perimeter controls should be checked within 24 hours of a rainfall of greater than 0.5 inch.

Stabilization Measures

Note the date, location and type of new stabilization measures implemented during the past 7 days.. Indicate why the stabilization measures were implemented or refer to a specific record to identify the need and describe the new practice. Observe the structural measures, sediment controls and other storm water best management practices to assess their effectiveness in reducing pollutant loading and whether additional measures area needed. Observe and determine the effectiveness of the equipment needed to implement the SWPPP.

Sediment Basin(s)

Describe the change and the results of visual inspection(s) of the sediment basin(s). Note if significant materials have left the site via an outfall. Verify that the sediment basin is not 1/3 capacity and requires maintenance. Discuss any monitoring changes and analysis of monitoring results.

Describe the general condition of the sediment basin(s), including the condition of the basin side slopes, and evidence of overtopping of the embankment and condition of the outfall:

Infalls

Describe any additional infalls that have been added to the project since the last review.

Site Entrance/Exit Sediment Control

Discuss stabilization measures at the site entrances and exits. Observe the amount of sediment that has been tracked to the public roads and the cleanliness of the gravel. Verify all traffic is using the proper access points.

Detention/Diversion Structures

Observe any detention/diversion structures in use at the site. If these are not performing suggest corrections that will assist in controlling runoff.

Significant Spills

Describe the date, location, quantity, material, and remedial measures for reportable quantities. If spills have occurred, they should be included in the appropriate plan section and include steps taken to prevent recurrence.

Significant Exposed Materials

If the quantity, type or location of significant exposed materials described in the SWPPP has changed, record changes.

Non-Storm Water Discharges

Describe the date and location:

Debris Storage Areas

Describe the change. For example: "Debris from demolition is being stored on-site pending shipment to an offsite landfill. Plastic has been placed over the material to prevent airborne particulate transport, and a silt fence has been placed around the pile for storm water runoff protection."

Site Changes/Corrective Action

Describe any changes at the site that might affect the potential for storm water contact with significant exposed materials. In addition, describe any corrective actions and/or changes to the SWPPP as a result of this review.

Additional Comments

Insert any other comments that will affect the quality of storm water leaving the property including future needs and programs. Provide construction schedules and implementation dates as applicable.

Certification

The Pollution Prevention Coordinator should sign the certification part of the Site Compliance Evaluation form.

Comprehensive Site Compliance Evaluation

Project Name _____

NPDES No. _____

For the Period from _____ to _____

Inspection Date: _____

Weather Description:

_____

_____

This evaluation is designed to:

1. Confirm the accuracy of the descriptions of potential pollutant sources contained in the SWPPP.
2. Determine the effectiveness of the SWPPP.
3. Assess compliance with the terms and conditions of the SWPPP.

This Facility performs periodic environmental site inspections to monitor compliance storm water pollution prevention regulations. The evaluation provides a comprehensive summary of the findings of the periodic site inspections.

Perimeter Structure Control

☐ No change in perimeter structural controls been made at the site in the past 7 days.

☐ The changes have been made to the structural controls since the last inspection.

Stabilization Measures

☐ No stabilization measures were added or modified at the Facility during the past 7 days.

☐ The following stabilization measures should be added or modified:

Sediment Basin(s)

Describe the general condition of the sediment basin(s), including the condition of the basin side slopes, and evidence of overtopping of the embankment and condition of the outfall:

☐ The following modifications have been made to the sediment basin(s) since the last site compliance evaluation:

☐ The following maintenance has been performed on the sediment basin(s) since the last site compliance evaluation:

☐ Visual outfall inspections were made on these dates:

_____

Infalls

☐ No infalls were added or identified during the past year.

☐ The following infalls were added or removed or modified:

☐ Visual outfall inspections were made on these dates:

_____

Site Entrance/Exit Sediment Control

☐ No change in site entrance/exits has been made in the past 7 days.

☐ The changes have been made to the entrance/exit stabilization since the last inspection.

_____

_____

_____

_____

Detention/Diversion Structures

☐ No changes were made to the storm water detention/diversion structures during the past 7 days.

☐ The following storm water detention/diversion structures were added, removed, or modified during the past 7 days:

_____

_____

_____

_____

Significant Spills

☐ No significant spill(s) occurred during the past 7 days.

☐ The following spill(s) occurred:

_____

_____

Significant Exposed Materials

☐ There was no appreciable change in the quantity, type, or location of significant exposed materials at the site.

☐ The following appreciable change(s) occurred:

_____

_____

_____

Non-Storm Water Discharges

☐ No non-storm water discharges were identified during the past 7days.

☐ The following non-storm water discharge(s) were identified:

_____

_____

_____

Debris Storage Areas

_____

_____

_____

_____

Site Changes/Corrective Action

☐ No significant changes activities occurred at the site during the past 7 days.

☐ The following changes were made:

_____

_____

_____

_____

_____

☐ Following a review of the SWPPP, the following changes are recommended:

_____

_____

_____

This Comprehensive Site Compliance Evaluation was conducted on: _____
(date)

The following personnel participated in the evaluation:

Name	Organization	Telephone

APPENDIX E

RECORD OF TRAINING

VERIFICATION OF SWPPP TRAINING. BY SIGNING THIS PAGE YOU CONFIRM THAT YOU HAVE BEEN TRAINED IN THE REQUIREMENTS OF THIS SWPPP PLAN AS IT RELATES TO YOUR DUTIES ON THIS SITE. YOU HAVE BEEN PROVIDED THE OPPORTUNITY TO REVIEW THE CONTENTS OF THIS SWPPP PLAN, AND ASK QUESTIONS. YOU AGREE TO IMPLEMENT THE REQUIREMENTS OF THIS PLAN TO THE BEST OF YOUR ABILITY.

COMPANY	NAME	DUTIES	DATE	SIGNATURE