

Illinois Environmental Protection Agency

Bureau of Water

• 1021 North Grand Avenue East •

P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Permit Section at the above address. For Office Use Only

Permit No. ILR10			
Company/Owner Name: Kane County Division of T	ransportion		
Mailing Address: 41 W 011 Burlington Road Phone: 630-406-7328			
City: St Charles State: IL	Zip: 60554	Fax: 630-584-5265	
Contact Person: John Guddendorf, Jr		E-mail: guddendorfjohn@co.kane.il.us	
Owner Type (select one) County			
CONTRACTOR INFORMATION		MS4 Community: ✓ Yes ☐ No	
Contractor Name: Curran Contracting Company			
Mailing Address: 2220 County Farm Road		Phone: 815-758-8113	
City: Dekalb State: IL	Zip: 60115	Fax: 815-758-0929	
CONSTRUCTION SITE INFORMATION			
Select One: New Change of information	ation for: ILR10		
Project Name: Bliss Road / Widening and Resurface	cing	County: Kane	
Street Address: 5 S 700 Bliss Road	City: Sugar Gr	rove IL Zip: 60554	
Latitude: 41 47 19 Longitude	e: <u>88</u> <u>25</u>	59 9 38 R7E	
(Deg) (Min) (Sec)	(Deg) (Min)	(Sec) Section Township Range	
Approximate Construction Start Date Apr 18, 2	011 Approxima	ate Construction End Date Aug 1, 2011	
Total size of construction site in acres: 2.48		Fee Schedule for Construction Sites:	
If less than 1 acre, is the site part of a larger common plan of development?			
Yes No		5 or more acres - \$750	
STORM WATER POLLUTION PREVENTION P	LAN (SWPPP)		
las the SWPPP been submitted to the Agency?		Yes V No	
(Submit SWPPP electronically to: epa.constilr10swpp	State of the state		
Location of SWPPP for viewing: Address: 41 w 011	Burlington Road	City: St Charles	
SWPPP contact information:		Inspector qualifications:	
Contact Name: John Guddendorf		Other	
Phone: 630-406-7382 Fax: 630-584	-5265	E-mail: guddendorfjohn@co.kane.il.us	
roject inspector, if different from above Inspector qualifications:			
nspector's Name: John Guddendorf Other			
Phone: 630-406-7382 Fax: 630-584-5	5265	E-mail: guddendorfjohn@co.kane.il.us	

TYPE OF CONSTRUCTION (select one) Construction Type Reconstruction
SIC Code:
Type a detailed description of the project:
Pavement widening and resurfacing and channelization of existing Bliss Road. Additional work will include but not
limit to, earth excavation, embankment, erosion control, pavement marking and drainage improvements.
HISTORIC PRESERVATION AND ENDANGERED SPECIES COMPLIANCE
Has the project been submitted to the following state agencies to satisfy applicable requirements for compliance with
IIIInois law on:
Historic Preservation Agency ☐ Yes ✓ No
Endangered Species
RECEIVING WATER INFORMATION
Does your storm water discharge directly to: Waters of the State or Storm Sewer
Owner of storm sewer system:
Name of closest receiving water body to which you discharge: Blackberry Creek
Mail completed form to: Illinois Environmental Protection Agency Division of Water Pollution Control Attn: Permit Section Post Office Box 19276 Springfield, Illinois 62794-9276 or call (217) 782-9610 FAX: (217) 782-9891
Or submit electronically to: epa.constilr10swppp@illinois.gov
certify under penalty of law that this document and all attachments were prepared under my direction and 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 this 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. In addition, I certify that the provisions of the permit, including the development and implementation of a storm water pollution prevention plan and a monitoring program plan, will be complied with.
Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. (415 ILCS 5/44(h))
4-13.11
Owher Signature: Date:
CARL SCHOETEL COUNTY ENGINEER
Printed Name: Title:

INSTRUCTIONS FOR COMPLETION OF CONSTRUCTION ACTIVITY NOTICE OF INTENT (NOI) FORM

Submit original, electronic or facsimile copies. Facsimile and/or electronic copies should be followed-up with submission of an original signature copy as soon as possible. Please write "copy" under the "For Office Use Only" box in the upper right hand corner of the first page.

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Permit Section at:

Illinois Environmental Protection Agency Division of Water Pollution Control Permit Section Post Office Box 19276 Springfield, Illinois 62794-9276 or call (217) 782-0610 FAX: (217) 782-9891

Or submit electronically to: epa.constilr10swppp@illinois.gov

Reports must be typed or printed legibly and signed.

Any facility that is not presently covered by the General NPDES Permit for Storm Water Discharges From Construction Site Activities is considered a new facility.

If this is a change in your facility information, renewal, etc., please fill in your permit number on the appropriate line, changes of information or permit renewal notifications do not require a fee.

NOTE: FACILITY LOCATION IS NOT NECESSARILY THE FACILITY MAILING ADDRESS, BUT SHOULD DESCRIBE WHERE THE FACILITY IS LOCATED.

Use the formats given in the following examples for correct form completion.

	Example	Format
Section	12	1 or 2 numerical digits
Township	12N	1 or 2 numerical digits followed by "N" or "S"
Range	12W	1 or 2 numerical digits followed by "E" or "W"

For the Name of Closest Receiving Waters, do not use terms such as ditch or channel. For unnamed tributaries, use terms which include at least a named main tributary such as "Unnamed Tributary to Sugar Creek to Sangamon River."

Submission of initial fee and an electronic submission of Storm Water Pollution Prevention Plan (SWPPP) for Initial Permit prior to the Notice of Intent being considered complete for coverage by the ILR10 General Permits. Please make checks payable to: Illinois EPA at the above address.

Construction sites with less than 5 acres of land disturbance - fee is \$250.

Construction sites with 5 or more acres of land disturbance - fee is \$750.

SWPPP should be submitted electronically to: epa.constilr10swppp@illinois.gov When submitting electronically, use Project Name and City as indicated on NOI form.



Bliss Road (C.H. 78)

Storm Water Pollution Prevention Plan

Section	07-00359-01-CH	Project No.
County	Kane	Contract No.
Permit N	n has been prepared to comply with the provisions of o. ILR10 (Permit ILR10), issued by the Illinois Environstruction site activities.	the National Pollutant Discharge Elimination System (NPDES) onmental Protection Agency (IEPA) for storm water discharges
accordan submitted gathering am aware	nce with a system designed to assure that qualified it. Based on my inquiry of the person or persons who is the information, the information submitted is, to the best that there are significant penalties for submitting falsing violations.	achments were prepared under my direction or supervision in dipersonnel properly gathered and evaluated the information or manage the system, or those persons directly responsible for east of my knowledge and belief, true, accurate and complete. It is information, including the possibility of fine and imprisonment
	Carl Schoedel	00 / 700 /
	Print Name	Signature
	County Engineer	7.12.11
	Title	Date
	Kane County	

Marked Rte.

I. Site Description:

Route

A. Provide a description of the project location (include latitude and longitude):

Lattidude: 41.4719, Longitude: 88.2559, Sec 9, Township 38, Range 7, east of the third principal meridian

The project is located in south central Kane County, in Sugar Grove Township, within the Village Sugar Grove. The project limits are approximately 600' south of the intersection Bliss Road and Ke De Ka Road and 1,600' north. A site location map is attached (cover sheet of the construction plan.

B. Provide a description of the construction activity which is the subject of this plan:

Pavement widening and resurfacing, channelization of existing Bliss Road. Additional work will include but not limited top earth excavation, embankment, erosion control, pavement marking and drainage improvements.

C. Provide the estimated duration of this project:

Agency

4 months

D. The total area of the construction site is estimated to be 2.48 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 1.48 acres.

E. The following is a weighted average of the runoff coefficient for this project after construction activities are completed:

The project scope is to slightly widen the existing pavement, with no significant increase in impervious surfaces.

F. List all soils found within project boundaries. Include map unit name, slope information, and erosivity:

152A Drummer Silty Clay Loam, 0 - 2% 348 B Wingate Silt Loam, 2 - 5% slopes 348C2 Wingate Suilt Loam, 5 - 10% slopes

G.	Provide an aerial extent of wetland acreage at the site:		
Н.	Provi	de a	description of potentially erosive areas associated with this project:
	Areas obliga	s whe	ere soil is disturbed adjacent to the roadway ditches and steep slopes. These sites will be monitored as by all local, State and Federal requirements.
l.	The (e.g.	follov steep	ving is a description of soil disturbing activities by stages, their locations, and their erosive factors oness of slopes, length of slopes, etc):
	Pleas	e ref	er to the site construction plans for a description of all soil disturbing activities.
J.	See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent offsite sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands) and locations where storm water is discharged to surface water including wetlands.		
K.	ldenti	fy wh	no owns the drainage system (municipality or agency) this project will drain into:
	Black	berry	r Creek
L.	The following is a list of receiving water(s) and the ultimate receiving water(s) for this site. The location of the receiving waters can be found on the erosion and sediment control plans:		
	Black	berry	Creek
M.	Describe areas of the site that are to be protected or remain undisturbed. These areas may include steep slopes, highly erodible soils, streams, stream buffers, specimen trees, natural vegetation, nature preserves, etc.		
N.	The fo	ollowi ted b	ing sensitive environmental resources are associated with this project, and may have the potential to be by the proposed development:
	Floodplain Wetland Riparian Threatened and Endangered Species Historic Preservation 303(d) Listed receiving waters for suspended solids, turbidity, or siltation Receiving waters with Total Maximum Daily Load (TMDL) for sediment, total suspended solids, turbidity or siltation Applicable Federal, Tribal, State or Local Programs Other		
	1.	303(d) Listed receiving waters (fill out this section if checked above):
		a.	The name(s) of the listed water body, and identification of all pollutants causing impairment:
		b.	Provide a description of how erosion and sediment control practices will prevent a discharge of sediment resulting from a storm event equal to or greater than a twenty-five (25) year, twenty-four (24) hour rainfall event:
		C.	Provide a description of the location(s) of direct discharge from the project site to the 303(d) water body:
		d.	Provide a description of the location(s) of any dewatering discharges to the MS4 and/or water body:

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356A Elpaso Silty Clay Loam, 0 - 2% slopes, eroded

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	2.	TMDL (fill out this section if checked above)		
		a.	The name(s) of the listed water body:	
		b.	Provide a description of the erosion and sediment control strategy that will be incorporated into the site design that is consistent with the assumptions and requirements of the TMDL:	
		C.	If a specific numeric waste load allocation has been established that would apply to the project's discharges provide a description of the necessary steps to meet that allocation:	
0.	The f	e following pollutants of concern will be associated with this construction project:		
		Cor Cor Soli Pair Solv	Sediment Detroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids) Antifreeze / Coolants Waste water from cleaning construction equipment Other (specify) Other (specify)	
Cont	rols:			
will b the ir	1. Stabilized Practices: Provided below is a description of interim and permanent stabilization practices, including site specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided below in II(A)(1)(a) and II(A)(3), stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven (7) days after the construction activity in that portion of the site has temporarily or permanently ceases on all disturbed portions of the site where construction will			
		Whe	re the initiation of stabilization measures by the seventh day after construction activity temporarily or	
		pem	nanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as ticable thereafter.	
		The following stabilization practices will be used for this project:		
			Preservation of Mature Vegetation Vegetated Buffer Strips Protection of Trees Temporary Erosion Control Seeding Temporary Turf (Seeding, Class 7) Temporary Mulching Permanent Seeding Capacity Description Control Blanket / Mulching Geotextiles Other (specify) Other (specify) Other (specify) Other (specify)	
		Desc	ribe how the stabilization practices listed above will be utilized during construction:	

Only areas needed to complete the work will be disturbed. Erosion control measures will be installed as Page 3 of 7 BDE 2342 (Rev. 1/28/2011)

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II.

2.

detailed above, and permanent stabilization will be inspected until the site is compltely stabilized.

Describe how the stabilization practices listed above will be utilized after construction activities have been completed:

Any and all measures from above will be utilized to ensure the site is stabilized and remain stabilized in the long term.

Structural Practices: Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include but are not limited to: perimeter erosion barrier, earth dikes, drainage swales, sediment traps, ditch checks, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

The following structural practices will be used for this project:

 ✓ Perimeter Erosion Barrier ✓ Temporary Ditch Check ✓ Storm Drain Inlet Protection ✓ Sediment Trap ✓ Temporary Pipe Slope Drain ✓ Temporary Sediment Basin ✓ Temporary Stream Crossing ✓ Stabilized Construction Exits ✓ Turf Reinforcement Mats ✓ Permanent Check Dams ✓ Permanent Sediment Basin ✓ Aggregate Ditch ✓ Paved Ditch 	☐ Rock Outlet Protection ☐ Riprap ☐ Gabions ☐ Slope Mattress ☐ Retaining Walls ☐ Slope Walls ☐ Concrete Revetment Mats ☐ Level Spreaders ☐ Other (specify)
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Describe how the structural practices listed above will be utilized during construction:

Prior to the start of construction, perimeter measures will be installed, including silt fence. As required by the sequencing of work, temporary ditch checks and inlet protection will be installed. All will be maintained for the duration of the project.

Describe how the structural practices listed above will be utilized after construction activities have been completed:

- Storm Water Management: Provided below is a description of measures that will be installed during the
 construction process to control pollutants in storm water discharges that will occur after construction
 operations have been completed. The installation of these devices may be subject to Section 404 of the
 Clean Water Act.
 - a. Such practices may include but are not limited to: storm water detention structures (including wet ponds), storm water retention structures, flow attenuation by use of open vegetated swales and natural depressions, infiltration of runoff on site, and sequential systems (which combine several practices).

The practices selected for implementation were determined on the basis of the technical guidance in Chapter 41 (Construction Site Storm Water Pollution Control) of the IDOT Bureau of Design and Environment Manual. If practices other than those discussed in Chapter 41 are selected for implementation or if practices are applied to situations different from those covered in Chapter 41, the technical basis for such decisions will be explained below.

b. Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. maintenance of hydrologic conditions such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Description of storm water management controls:

vegetated drainage swales

4. Approved State or Local Laws: The management practices, controls and provisions contained in this plan will be in accordance with IDOT specifications, which are at least as protective as the requirements contained in the Illinois Environmental Protection Agency's Illinois Urban Manual. Procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials shall be described or incorporated by reference in the space provided below. Requirements specified in sediment and erosion site plans, site permits, storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI, to be authorized to discharge under the Permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

Description of procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials:

Kane - Dupage Soil and Water Conservation District

- Contractor Required Submittals: Prior to conducting any professional services at the site covered by this plan, the Contractor and each subcontractor responsible for compliance with the permit shall submit to the Resident Engineer a Contractor Certification Statement, BDE 2342a.
 - The Contractor shall provide a construction schedule containing an adequate level of detail to show major activities with implementation of pollution prevention BMPs, including the following items:
 - Approximate duration of the project, including each stage of the project
 - · Rainy season, dry season, and winter shutdown dates
 - Temporary stabilization measures to be employed by contract phases
 - Mobilization timeframe
 - Mass clearing and grubbing/roadside clearing dates
 - Deployment of Erosion Control Practices
 - Deployment of Sediment Control Practices (including stabilized construction entrances/exits)
 - Deployment of Construction Site Management Practices (including concrete washout facilities, chemical storage, refueling locations, etc.)
 - Paving, saw-cutting, and any other pavement related operations
 - Major planned stockpiling operations
 - Timeframe for other significant long-term operations or activities that may plan non-storm water discharges such as dewatering, grinding, etc.
 - Permanent stabilization activities for each area of the project
 - b. The Contractor and each subcontractor shall provide, as an attachment to their signed Contractor Certification Statement, a discussion of how they will comply with the requirements of the permit in regard to the following items and provide a graphical representation showing location and type of BMPs to be used when applicable:
 - Vehicle Entrances and Exits Identify type and location of stabilized construction entrances and exits to be used and how they will be maintained.
 - Material Delivery, Storage and Use Discuss where and how materials including chemicals, concrete curing compounds, petroleum products, etc. will be stored for this project.
 - Stockpile Management Discuss what BMPs will be used to prevent pollution of storm water from stockpiles.
 - Waste Disposal Discuss methods of waste disposal that will be used for this project.
 - Spill Prevention and Control Discuss steps that will be taken in the event of a material spill (chemicals, concrete curing compounds, petroleum, etc.)
 - Concrete Residuals and Washout Wastes Discuss the location and type of concrete washout facilities to be used on this project and how they will be signed and maintained.
 - Litter Management Discuss how litter will be maintained for this project (education of employees, number of dumpsters, frequency of dumpster pick-up, etc.).
 - Vehicle and Equipment Fueling Identify equipment fueling locations for this project and what BMPs will be used to ensure containment and spill prevention.
 - Vehicle and Equipment Cleaning and Maintenance Identify where equipment cleaning and maintenance locations for this project and what BMPs will be used to ensure containment and spill prevention.
 - Additional measures indicated in the plan.

III. Maintenance:

When requested by the Contractor, the Resident Engineer will provide general maintenance guides to the Contractor for the practices associated with this project. The following additional procedures will be used to maintain, in good and effective operating conditions, the vegetation, erosion and sediment control measures and other protective measures identified in this plan. It will be the Contractor's responsibility to attain maintenance guidelines for any manufactured BMPs which are to be installed and maintained per manufacture's specifications.

When requested by the Contractor, the Resident Engineer will provide general maintenance guides to the Contractor for the practice associated with the project. The following additional procedures will be used to maintain, in good and effective operating conditions, the vegetation, erosion and sedimendation control measures and other protective measures identified in this plan. It will be the Contractor's responsibility to attain maintenance guidelines for any manufactured BMP's which are are to be installed and maintained per manufacture's specifications.

IV Inspections:

Qualified personnel shall inspect disturbed areas of the construction site which have not yet been finally stabilized, structural control measures, and locations where vehicles and equipment enter and exit the site using IDOT Storm Water Pollution Prevention Plan Erosion Control Inspection Report (BC 2259). Such inspections shall be conducted at least once every seven (7) calendar days and within twenty-four (24) hours of the end of a storm that is 0.5 inch or greater or equivalent snowfall.

If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer shall notify the appropriate IEPA Field Operations Section office by email at: epa.swnoncomp@illinois.gov, telephone or fax within twenty-four (24) hours of the incident. The Resident Engineer shall then complete and submit an "Incidence of Non-Compliance" (ION) report for the identified violation within five (5) days of the incident. The Resident Engineer shall use forms provided by IEPA and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of non-compliance shall be signed by a responsible authority in accordance with Part VI. G of the Permit ILR10.

The Incidence of Non-Compliance shall be mailed to the following address:

Illinois Environmental Protection Agency Division of Water Pollution Control Attn: Compliance Assurance Section 1021 North Grand East Post Office Box 19276 Springfield, Illinois 62794-9276

V. Failure to Comply:

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of a National Pollutant Discharge Elimination System/Erosion and Sediment Control Deficiency Deduction against the Contractor and/or penalties under the Permit ILR10 which could be passed on to the Contractor.

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Contractor Certification Statement

Prior to conducting any professional services at the site covered by this contract, the Contractor and every subcontractor must complete and return to the Resident Engineer the following certification. A separate certification must be submitted by each firm. Attach to this certification all items required by Section II.5 of the Storm Water Pollution Prevention Plan (SWPPP) which will be handled by the Contractor/subcontractor completing this form.

Route	Marked Rte.
Section	Project No.
County	Contract No.
I certify under penalty of law that I understand the terms of the	ne Permit No. ILR 10 that authorizes the storm water discharges
associated with industrial activity from the construction site id-	entified as part of this certification.
mentioned project; I have received copies of all appropriate m	ation and requirements stated in the SWPPP for the above naintenance procedures; and, I have provided all documentation WPPP and will provide timely updates to these documents as
☐ Contractor	
☐ Sub-Contractor	
Print Name	Signature
Title	Date
Name of Firm	Telephone
Street Address	City/State/ZIP
Items which this Contractor/subcontractor will be responsible f	for as required in Section II.5. of the SWPPP:

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