

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

OWNER INFORMATION	Permit No. ILR10
Company/Owner Name: Kane County Department of Transportation	
Mailing Address: 41W011 Burlington Road	Phone: (630) 584-1170
City: St. Charles State: II Zip: 60175	Fax: (630) 584-5265
Contact Person: Brad Hunold E-mail: https://doi.org/10.1001/10	unoldbrad@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: II Zip: 60115	Fax: (815) 758-0929
CONSTRUCTION SITE INFORMATION	
Select One: New Change of information for: ILR10	County Kono
Project Name: Burlington Road and Corron Road Intersection Improvements Street Address: 40W711 Burlington Boad City: St. Charles	County: Kane
Street Address: 40W711 Burlington Road City: St. Charles Latitude: 41 57 11.65 Longitude: 88 24 32.09	IL Zip: 60175
Latitude: 41 57 11.65 Longitude: 88 24 32.09 (Deg) (Min) (Sec) (Deg) (Min) (Sec	
Approximate Construction Start Date May 2, 2011 Approximate Construction	
Total size of construction site in acres: 4.7	
If less than 1 acre, is the site part of a larger common plan of development? Yes No	Fee Schedule for Construction Sites: Less than 5 acres - \$250 5 or more acres - \$750
Is the SWPPP been submitted to the Agency? (Submit SWPPP electronically to: epa.constilr10swppp@illinois.gov) Location of SWPPP for viewing: Address: 41W011 Burlington Road	Yes No City: St. Charles
SWPPP contact information:	Inspector qualifications:
Contact Name: Mike Zakosek	P.E.
	zakosekmike@co.kane.il.us
Project inspector, if different from above	Inspector qualifications:
nspector's Name: Brad Hunold	Other
	bradhunold@co.kane.il.us

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

TYPE OF CONSTRUCTION (select one) Construction Type Reconstruction	
SIC Code:	
Type a detailed description of the project:	
This project includes intersection improvements to the intersection of	Burlington Road and Corron Road. Intersection
improvements include the addition of dedicated turn lanes; installation	
deficiencies; and correction of super elevation deficiencies. This work	
strengthening of the box culvert; partial depth pavement removal; bas	
construction and removal of temporary pavement; storm sewer install	
all incidental and collateral work necessary to complete the project as	shown in the plans
HISTORIC PRESERVATION AND ENDANGERED SPECIES Control Has the project been submitted to the following state agencies to satisful illinois law on: Historic Preservation Agency Yes No Endangered Species Yes No	
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: Ferso	n 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) 782-0610 FAX: (217) 782-9891	
Or submit electronically to: epa.constilr10swppp@illinois.gov	
I certify under penalty of law that this document and all attachments we in accordance with a system designed to assure that qualified personne submitted. Based on my inquiry of the person or persons who manage for gathering the information, the information submitted is, to the best occupied. I am aware that there are significant penalties for submitting and imprisonment. In addition, I certify that the provisions of the permit, of a storm water pollution prevention plan and a monitoring program plan	el properly gather and evaluate the information this system, or those persons directly responsible f my knowledge and belief, true, accurate, and false information, including the possibility of fine including the development and implementation an, will be complied with.
Any person who knowingly makes a false, fictitious, or fraudulent material commits a Class 4 felony. A second or subsequent offense after conviction	l statement, orally or in writing, to the Illinois EPA on is a Class 3 felony. (415 ILCS 5/44(h))
	4.11.2011
Owner Signature:	Date:
Carl Schoedel	Kane 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.





Storm Water Pollution Prevention Plan

Route	Burlington Road (C.H. 2)	Marked Rte.	
Section	06-00354-00-CH	Project No.	
County	Kane	Contract No.	
Permit N	n has been prepared to comply with the proof o. ILR10 (Permit ILR10), issued by the Illinstruction site activities.	ovisions of the National Pollutant Discharge Elimination Systems Environmental Protection Agency (IEPA) for storm wa	stem (NPDES) ter discharges
accordan submitted gathering	ce with a system designed to assure that d. Based on my inquiry of the person or pe the information, the information submitted	nd all attachments were prepared under my direction or at qualified personnel properly gathered and evaluated the trsons who manage the system, or those persons directly resons to the best of my knowledge and belief, true, accurate an artiting false information, including the possibility of fine and	ne information esponsible for description of the complete.
for knowir	ng violations.	N N	imphodilinent
	Carl Schoedel		
	Print Name	Signature	
	County Engineer	4. 11.2011	
	Title	Date	
	Kane County		

1. Site Description:

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

Latitude: 41.953326, Longitude 88.409009. Section 14, Township 40N, Range 7, East of the Third Principal Meridian

The project is located in central Kane County, in Campton Township, within the Village of Campton Hills. The project limits are approximately 800' south of the intersection of Burlington and Corron Roads, 1000' northwest, and 550' northeast. A site location map is attached (cover sheet of the construction plans).

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

This project consists of the widening of Burlington and Corron Roads to allow the contruction of turn lanes and a traffic signal. A short length of pavement will be reconstruction with the rest widened and resurfaced. Retaining walls will be installed adjacent to Ferson Creek.

C. Provide the estimated duration of this project:

Agency

Four months

D The total area of the construction site is estimated to be 6.56 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 6.0 acres.

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

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

F.	List a	ll soils found within project boundaries. Include map unit name, slope information, and erosivity:			
	Sena	ni loam, 6 to 12 percent slopes (527D2) chwine silt loam, 12 to 20 percent slopes (618E) silt loam, 0 to 2 percent slopes, (3076A)			
G.	Provi	de an aerial extent of wetland acreage at the site:			
	Attac	ned			
Н.	Provi	de a description of potentially erosive areas associated with this project:			
	erosi	where soil is disturbed close to Ferson Creek, or adjacent to the road way ditches could be potentially e. These areas, along with the site, will be monitored as obligated by all local, state and federa ements.			
Acceptance		ollowing is a description of soil disturbing activities by stages, their locations, and their erosive factors steepness of slopes, length of slopes, etc):			
	Pleas	e refer to the site construction plans for a description of all soil disturbing activities.			
J.	appro site a distui where	ne erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, ximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the nd controls to prevent offsite sediment tracking (to be added after contractor identifies locations), areas of soi pance, the location of major structural and non-structural controls identified in the plan, the location of areas a stabilization practices are expected to occur, surface waters (including wetlands) and locations where storm is discharged to surface water including wetlands.			
K.	Ident	y who owns the drainage system (municipality or agency) this project will drain into:			
	Site stormwater drains to Ferson Creek.				
L.		ollowing is a list of receiving water(s) and the ultimate receiving water(s) for this site. The location of the ing waters can be found on the erosion and sediment control plans:			
	Ferso	n Creek			
M.	Desc highly	ibe areas of the site that are to be protected or remain undisturbed. These areas may include steep slopes, erodible soils, streams, stream buffers, specimen trees, natural vegetation, nature preserves, etc.			
	The c	nannel of Ferson Creek is to be undisturbed and protected.			
N.	The fimpac	ollowing sensitive environmental resources are associated with this project, and may have the potential to be ted 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):			
		N/A			
		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: 			

Harrison Committee Committ

		c.	Provide a description of the location(s) of direct discharge from the project site to the 303(d) water body:			
		d.	d. Provide a description of the location(s) of any dewatering discharges to the MS4 and/or water body:			
	2.	ТМІ	DL (fill out this section if checked above)			
		a.	The name(s) of the listed water body:			
			N/A			
	 b. Provide a description of the erosion and sediment control strategy that will be incorporated into the site design 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 discharge provide a description of the necessary steps to meet that allocation: 					
Ο.	The ·	followi	ng pollutants of concern will be associated with this construction project:			
	\boxtimes		Sediment Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids)			
	\boxtimes		ncrete			
	\boxtimes		crete Curing Compounds			
		Pair	other (specify)			
	\boxtimes		vents			
Cont	rols:					
will be the im any p	ibea ii e resp iplemi ropos	n I.C. a onsibl entatio ed cha	ne plan addresses the controls that will be implemented for each of the major construction activities above and for all use areas, borrow sites, and waste sites. For each measure discussed, the Contractor e for its implementation as indicated. The Contractor shall provide to the Resident Engineer a plan for on of the measures indicated. The Contractor, and subcontractors, will notify the Resident Engineer of anges, maintenance, or modifications to keep construction activities compliant with the Permit ILR10 actor has signed the required certification on forms which are attached to, and are a part of, this plan:			
A.			d Sediment Controls			
1. Stabilized Practices : Provided below is a description of interim and permanent stabilization practice including site specific scheduling of the implementation of the practices. Site plans will ensure that exist vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilizating practices may include but are not limited to: temporary seeding, permanent seeding, mulching, geotextill 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 initiated as soon as practicable in portions of the site where construction activities have temporarily permanently ceased, but in no case more than seven (7) days after the construction activity in that port of the site has temporarily or permanently ceases on all disturbed portions of the site where construction not occur for a period of fourteen (14) or more calendar days.						
Where the initiation of stabilization measures by the seventh day after construction activity temporarily permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon practicable thereafter.						
	The following stabilization practices will be used for this project:					
	\ a .a.	\boxtimes	Preservation of Mature Vegetation Vegetated Buffer Strips Protection of Trees Temporary Erosion Control Seeding Erosion Control Blanket / Mulching Sodding Geotextiles Other (specify)			
ed 4/11/20	111		Page 3 of 7 BDE 2342 (Rev. 1/28/2011)			

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II.

	☐ Temporary Turf (Seeding, Class 7)☐ Temporary Mulching☑ Permanent Seeding	☐ Other (specify) ☐ Other (specify) ☐ Other (specify)				
	Describe how the stabilization practices listed abo	ve will be utifized during construction:				
	Only areas needed to complete the work will be detailed above, and permanent measures will be	disturbed. Erosion control measures will be installed as nspected until the site is complely stabilized.				
	Describe how the stabilization practices listed ab completed:	ove will be utilized after construction activities have beer				
	Any and all measures from above will be utilized the long term.	to ensure the side is stabilized and remains stabilized in				
2.	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 t	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) Other (specify) Other (specify) Other (specify) Other (specify) Other (specify)				
	Describe how the structural practices listed above	will be utilized during construction:				
	Prior to the start of construction, perimeter measure the sequencing of work, temporary ditch checks a for the duration of construction.	res will be installed, including silt fence. As required by nd inlet protection will be installed. All will be maintained				
	Describe how the structural practices listed above completed:	e will be utilized after construction activities have been				

All temporary measures will be removed once the site is stabilized. After construction is complete, and the NOT submitted, the project area will be monitored to verify that all permanent measures are effective.

- 3. **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 Rip rap outlets

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 U.S. Army Corps of Engineers

- 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.
 - a. 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

BDE 2342 (Rev. 1/28/2011)

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.

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.

Printed 4/11/2011 Page 6 of 7 BDE 2342 (Rev. 1/28/2011)



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 Cr. Z C:H. OU	Marked Rte	DURLINGTON K	<u>-P </u>
Section <u>06-06354-00CH</u>	Project No.	N/A	
County KANE	Contract No	NA	
		,	
This certification statement is a part of the SWPPI Permit No. ILR10 issued by the Illinois Environment		pove, in accordance with	the General NPDES
I certify under penalty of law that I understand the associated with industrial activity from the construction	terms of the Permit No. ILR ction site identified as part of	10 that authorizes the sto this certification.	orm water discharges
In addition, I have read and understand all of mentioned project; I have received copies of all ap required to be in compliance with the Permit ILF necessary.	propriate maintenance proce	dures; and, I have provid	ed all documentation
Contractor			
Sub-Contractor			
DAVID SCHMORE			
VICE President		4/16/11	
Curren Contracting Co.	315	7-758-8/13	
2220 County Farm Ro.	Dek	Telephone ALB IL. 60/15)
Street Address		/ City/State/ZIP	
Items which this Contractor/subcontractor will be re	esponsible for as required in s	Section II.5. of the SWPP	P: