

# FLOOD HAZARD DEVELOPMENT PERMIT

## For Minor Development

### Windsor, Maine

(For Development not considered a Substantial Improvement)

**This Flood Hazard Development Permit allows minor development as provided in Article V.F.3. of the Floodplain Management Ordinance of Windsor, Maine, for development in a Special Flood Hazard Area as defined in said ordinance.** Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

<u>Tax Map:</u>	<u>Lot #:</u>
R-1	5, 11, 38, 77
R-2	106, 111, 114, 131, 131A
R-3	18, 19, 24, 29, 29A-1, 29A-2, 29A-10, 29A-11, 39, 42, 43
R-6	1, 2, 3, 11, 13, 17, 18, 28A, 28B, 29, 34, 39, 40, 42, 43
R-7	1, 2, 44
R-8	9, 23A, 28, 49, 49A, 52A, 53
R-11	36, 41, 42B, 43, 44, 46, 49, 51, 61, 63

Project Description: The Maine Power Reliability Program (MPRP) is a project by CMP to upgrade Maine's bulk power system. The portion of the project within floodplains involves upgrades in Segments 6, 10, 11 and 15. The project proposes minor development in some flood hazard areas, all of which are A Zones, as described below.

#### Segment 6

##### **Wetland west of Wingood Road (see Map 6-2)**

There will be two double-poled transmission structures installed within this floodplain: 254-14 and 254-15. Another structure, 388-20, is a double-pole structure that is already located within the wetland.

##### **Floodplain associated with a stream and wetlands north of the South Belfast Road (see Map 6-3)**

Three new double-pole structures are proposed within this floodplain. Two structures, 254-21 and 254-22, are within the floodplain of the stream (but not the floodway), the other, 254-23, is within the wetland floodplain. There are three existing double-poled structures within the floodplain now, on Section 388. Structure 388-26 and 388-28 are outside the floodway, structure 388-27 is within the floodway of the stream.

#### Segment 10

##### **West Branch Sheepscot River, 0.4 mile northwest of new substation site (see Map 10-1)**

Structure 84-283 is an existing, double-poled structure that will be removed from within the floodplain and floodway in this area. The other existing structure (67-415) will remain in place within the floodway, but be renumbered 258-226. There will be three new transmission structures within the floodplain, two of which are also in the floodway. Structure 3024-8 is a double-poled structure, and 257-220 is a single pole. Structure 257-219 will be a single pole that will be outside the floodway, on the edge of the floodplain north of the river.

### **West Branch Sheepscot River, 0.4 miles west of Sampson Road (see Map 10-2)**

One existing structure will be removed from the floodway of the river in this area: double-poled structure 84-274. Two new structures will be installed within the floodway north of the bend in the river: one each for sections 3024, and 257. Structure 3024-16 will be a double poled structure, and structure 257-211 will be a single pole. structure 258-407 is an existing single pole that will be reused and renumbered to 258-218.

### **West Branch, Sheepscot River 0.9 miles west of Sampson-Greely Rd intersection (see Map 10-2)**

One structure will be removed from this area: a double-poled structure numbered 84-270. No structures will be installed within the floodplain or floodway.

### **Confluence of Dearborn Brook and West Branch Sheepscot River, 0.3 mile north of Crosby Road (see Map 10-3)**

One double-pole structure, 84-259, will be removed from the floodplain but outside the floodway. Two new structures will be installed within the floodplain north of Dearborn Brook, but not within the floodway. New structure 3024-28 will be a double pole structure, and new structure 257-197 will be a single pole. Existing structure 67-394 will remain and be renumbered 258-203. This structure is not within the floodway.

### **Hewitt Brook, 0.7 mile south of Tyler Road (see Map 10-5)**

There is currently one structure within the floodplain of Hewitt Brook, just on the edge of the floodway: structure 67-378, a single pole. This structure will remain, but be renumbered 257-180. One new structure is proposed within the floodplain north of the brook, but outside the floodway: structure 258-185 will be a single pole.

## **Segment 11**

### **Confluence of tributary and West Branch Sheepscot River 0.08 mile east of Griffen Road (see Map 15-1)**

Double pole structure 68-3 will be removed from the floodplain east of the river in this area. Two new structures will be installed outside the floodway, but within the floodplain: structure 392-217 will be a double-poled structure, and 68-15 will be a triple-poled structure. Structures 68-4 and 392-216 are existing structures within the floodplain, but outside the floodway, that will remain in place.

## **Segment 15**

### **West Branch of the Sheepscot River – Segment 15 Crossing (see Map 15-1)**

Four existing double-poled structures will be removed from this area: structures 392-217, 392-219, and 88-2 will be removed from the floodplain; 392-218 will be removed from the floodway. Two double-poled structures will be installed within the floodway of the West Branch of the Sheepscot River: structures 60-12 and 88-13.

### **Tributary to Sheepscot River 0.4 mile south of Maxcy's Mill Road (see 15-1)**

Two existing double-pole structures will be removed from the floodplain of a stream just west of the river, one from the floodplain (60-6), the other from the floodway (88-7). Four structures will be installed: three single-pole structures and one double-pole. Two of the single pole structures (60-17 and 88-18) will be within the floodway of the stream; 60-16 is a single pole that will be installed within the floodplain, 3025-12 is a double-poled structure that will be installed within the floodway.

### **Inlet of Moody Pond (see Maps 15-4 and 15-5)**

One new single-pole structure (60-52) will be installed within the floodway of the inlet of Moody Pond. Another single-pole structure (88-52) will be installed within the floodplain. One double-pole structure (88-43) will be removed from the floodway.

### **Wetland north of Whitefield Town Line (see Map 15-5)**

Within the floodplain of a wetland just north of the Whitefield town line, there will be two new single-pole structures installed – 88-60 and 60-60. Three double-pole structures will be removed from this floodplain – 88-51, 88-52, and 60-40.

The above information is summarized in the following table.

Summary by Flood Hazard Area							
Map #	Water Course	+ = new 0 = existing, remains - = existing, removed	Segment	Section	Pole #	Number of Poles per Structure	Flood way?
6-2	wetland west of Wingood Rd.	0	6	388	20	2	NA
6-2	wetland west of Wingood Rd.	+	6	254	15	2	NA
6-2	wetland west of Wingood Rd.	+	6	254	14	2	NA
6-3	Floodplain associated with a stream and wetlands north of the South Belfast Road	0	6	388	26	2	NA
6-3	Floodplain associated with a stream and wetlands north of the South Belfast Road	0	6	388	26	2	NA
6-3	Floodplain associated with a stream and wetlands north of the South Belfast Road	0	6	388	26	2	NA
6-3	Floodplain associated with a stream and wetlands north of the South Belfast Road	+	6	254	22	2	NO
6-3	Floodplain associated with a stream and wetlands north of the South Belfast Road	+	6	254	21	2	NO
10-1	West Branch Sheepscoot River, 0.4 mile northwest of new substation site	0	10	258	226	1	YES
10-1	West Branch Sheepscoot River, 0.4 mile northwest of new substation site	-	10	84	283	2	YES
10-1	West Branch Sheepscoot River, 0.4 mile northwest of new substation site	+	10	257	219	1	NO
10-1	West Branch Sheepscoot River, 0.4 mile northwest of new substation site	+	10	257	220	1	YES
10-1	West Branch Sheepscoot River, 0.4 mile northwest of new substation site	+	10	3024	8	2	YES
10-2	West Branch Sheepscoot River, 0.4 miles west of Sampson Road	0	10	258	218	1	YES
10-2	West Branch Sheepscoot River, 0.4 miles west of Sampson Road	-	10	84	274	2	YES
10-2	West Branch Sheepscoot River, 0.4 miles west of Sampson Road	+	10	257	211	1	YES
10-2	West Branch Sheepscoot River, 0.4 miles west of Sampson Road	+	10	3024	16	2	YES
10-2	West Branch, Sheepscoot River 0.9 miles west of Sampson-Greely Rd intersection	-	10	84	270	2	YES
10-3	Confluence of Dearborn Brook and West Branch Sheepscoot River, 0.3 mile north of Crosby Road	0	10	67	394	1	NO
10-3	Confluence of Dearborn Brook and West Branch Sheepscoot River, 0.3 mile north of Crosby Road	-	10	84	259	2	NO
10-3	Confluence of Dearborn Brook and West Branch Sheepscoot River, 0.3 mile north of Crosby Road	+	10	257	197	1	NO
10-3	Confluence of Dearborn Brook and West Branch Sheepscoot River, 0.3 mile north of Crosby Road	+	10	3024	28	2	NO
10-5	Hewitt Brook, 0.7 mile south of Tyler Road	0	10	67	378	1	NO
10-5	Hewitt Brook, 0.7 mile south of Tyler Road	+	10	258	185	1	NO
15-1	West Branch of the Sheepscoot River – Segment 15 Crossing	-	11	392	219	2	NO
15-1	West Branch of the Sheepscoot River – Segment 15 Crossing	-	11	392	218	2	YES
15-1	West Branch of the Sheepscoot River – Segment 15 Crossing	-	11	392	217	2	NO
15-1	West Branch of the Sheepscoot River – Segment 15 Crossing	-	15	88	2	2	NO
15-1	West Branch of the Sheepscoot River – Segment 15 Crossing	+	15	60	12	2	YES
15-1	West Branch of the Sheepscoot River – Segment 15 Crossing	+	15	88	13	2	YES
15-1	Confluence of tributary and West Branch Sheepscoot River 0.08 mile east of Griffen Road	0	11	68	4	2	NO
15-1	Confluence of tributary and West Branch Sheepscoot River 0.08 mile east of Griffen Road	0	11	392	216	2	NO
15-1	Confluence of tributary and West Branch Sheepscoot River 0.08 mile east of Griffen Road	-	11	68	3	2	NO
15-1	Confluence of tributary and West Branch Sheepscoot River 0.08 mile east of Griffen Road	+	11	68	15	3	NO
15-1	Tributary to Sheepscoot River 0.4 mile south of Maxcy's Mill Road	-	15	60	6	2	NO

Summary by Flood Hazard Area							
Map #	Water Course	+ = new 0 = existing, remains - = existing, removed	Segment	Section	Pole #	Number of Poles per Structure	Flood way?
15-1	Tributary to Sheepscot River 0.4 mile south of Maxcy's Mill Road	-	15	88	7	2	YES
15-1	Tributary to Sheepscot River 0.4 mile south of Maxcy's Mill Road	+	15	60	16	1	NO
15-1	Tributary to Sheepscot River 0.4 mile south of Maxcy's Mill Road	+	15	60	17	1	YES
15-1	Tributary to Sheepscot River 0.4 mile south of Maxcy's Mill Road	+	15	88	18	1	YES
15-1	Tributary to Sheepscot River 0.4 mile south of Maxcy's Mill Road	+	15	3025	12	2	YES
15-4, 15-5	Inlet of Moody Pond	-	15	88	43	2	YES
15-4, 15-5	Inlet of Moody Pond	+	15	60	52	1	YES
15-4, 15-5	Inlet of Moody Pond	+	15	88	52	1	NO
15-5	Wetland north of Whitefield Town Line	-	15	60	40	2	NA
15-5	Wetland north of Whitefield Town Line	-	15	88	51	2	NA
15-5	Wetland north of Whitefield Town Line	-	15	88	52	2	NA
15-5	Wetland north of Whitefield Town Line	+	15	60	60	1	NA
15-5	Wetland north of Whitefield Town Line	+	15	88	60	1	NA

Summary by Waterbody			
Water Body	# of new poles <sup>2</sup> in: floodplain/floodway	# of poles <sup>1</sup> removed from: floodplain/floodway	Net # of new poles <sup>1</sup> in: floodplain/floodway
Wetland west of Wingood Rd.	2/NA	0/NA	2/NA
Stream and wetlands north of the South Belfast Rd.	2/0	0/0	2/0
Wetlands north of the South Belfast Rd.	1/NA	0/NA	1/NA
West Branch Sheepscot River	7/10	10/8	-3/2
Hewitt Brook	1/0	0/0	1/0
Tributary to West Branch Sheepscot River	1/4	2/2	-1/2
Inlet of Moody Pond	1/1	0/2	1/-1
Wetland north of the Whitefield town line	2/NA	6/NA	-4/NA

<sup>2</sup> These numbers refer to the number of poles, rather than the number of structures, as some structures have multiple poles.

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Tax Map: \_\_\_\_\_ Lot #: \_\_\_\_\_ See list in permit application.

Project Description: Upgrade of electrical transmission system.

### The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- The permit will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this permit are a true description of the existing property and the proposed development project.

Owner: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature

or

Authorized Agent: Alicia B. Trussell Date: 2/7/11  
Signature

Issued by: Arthur C. Stewart Date: 2/7/11

Permit #: N/A