Final Application for New License for Major Water Power Project — Existing Dam

Wilder Project (FERC No. 1892)

EXHIBIT G: PROJECT AREA MAPS

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EXHIBIT G: MAPS OF LOCATION, BOUNDARY, FEDERAL LANDS, AND NONFEDERAL LAND OWNERSHIP

Section 5.18(a)(5)(iii) of Title 18 of the Code of Federal Regulations (CFR) refers to Section 4.51 (License for Major Project—Existing Dam) for a description of information that an applicant must include in Exhibit G of its license application. Exhibit G contains a set of Project maps that conform to requirements stated in Section 4.39.

G1 Project Area Maps

Exhibit G drawings are maps of the Project area showing the existing FERC Project boundary for the current license. No tentative boundary is indicated because there are no proposed developments and there are no other adjustments to the boundary.

G1.1 Federal Lands

No federal lands are located within the Project Boundary.

G1.2 Non-Federal Lands

The Exhibit G drawings identify lands that Great River Hydro, LLC (Great River Hydro), owns in fee, and lands over which Great River Hydro has acquired, or plans to acquire rights to occupancy and use other than fee title, including rights acquired or to be acquired by easement or lease. These drawings are electronically filed separately as large format documents and Project boundary files as ArcGIS files (in zipfile format).

G2 Exhibit G Drawings

The Exhibit G drawings and Project boundary description tables are identified as shown in Table G2.1.

Table G2-1. Exhibit G drawings.

Exhibit No.	Sheet No.	Title					
G-1	Sheet 1	Exhibit G: Wilder Project - No. 1892 (Plant Area)					
G-2	Sheet 2	Exhibit G: Wilder Project - No. 1892 (Project Boundary Sheet)					
G-3	Sheet 3	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)					
G-4	Sheet 4	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)					
G-5	Sheet 5	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)					
G-6	Sheet 6	Exhibit G: Wilder Project - No. 1892 (Project Boundary Sheet)					
G-7	Sheet 7	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)					

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Exhibit No.	Sheet No.	Title
G-8	Sheet 8	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-9	Sheet 9	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-10	Sheet 10	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-11	Sheet 11	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-12	Sheet 12	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-13	Sheet 13	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-14	Sheet 14	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-15	Sheet 15	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-16	Sheet 16	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-17	Sheet 17	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-18	Sheet 18	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-19	Sheet 19	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-20	Sheet 20	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-21	Sheet 21	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-22	Sheet 22	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-23	Sheet 23	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-24	Sheet 24	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-25	Sheet 25	Exhibit G: Wilder Project – No. 1892 (Project Boundary Sheet)
G-26	Pages 1-3	Wilder Project, P-1892 - Project Boundary Description table

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Wilder Project, P-1892

Project Boundary Description

Map Projection: UTM Zone 18N
Map Datum: NAD 83

The Wilder Project Boundary (P-1892) generally follows the outside lines of Licensee's fee-owned land and otherwise to the elevation of the impoundment's inundation limit at normal operation where the Licensee holds flowage rights. This description begins at Turning Point '1', being the southeasterly corner of the Licensee's fee-owned tract W-300 along the westerly shore of the Connecticut River in Hartford, Windsor County, Vermont, and continues from point to point as described below:

Point No.	Northing (ft)	Easting (ft)	Direction	Distance (ft)	Description
1	15872226.811	2352267.909	N65-54W	83	
2	15872261.550	2352157.245	Northerly	509	Along easterly sideline of Railroad ROW
3	15872710.000	2352397.499	N32-59E	322	Along easterly sideline of Railroad ROW
4	15872980.000	2352572.751	Northerly	251	Along easterly sideline of Railroad ROW
5	15873196.001	2352697.251	N62-21W	24	Along easterly sideline of Railroad ROW
6	15873207.001	2352676.251	Northerly	815	Along easterly sideline of Railroad ROW
7	15873990.000	2352898.750	N01-5W	225	Along easterly sideline of Railroad ROW
8	15874215.000	2352894.500	N00-2E	727	Along easterly sideline of Railroad ROW
9	15874942.001	2352895.000	N01-53W	290	Along easterly sideline of Railroad ROW
10	15875231.999	2352885.501	N00-32W	321	Along easterly sideline of Railroad ROW
11	15875553.001	2352882.501	N01-47W	302	Along easterly sideline of Railroad ROW
12	15875855.001	2352872.750	N01-47W	250	Along easterly sideline of Railroad ROW
13	15876105.000	2352865.001	N90-0E	8	Along easterly sideline of Railroad ROW
14	15876105.000	2352873.250	N01-47W	153	Along easterly sideline of Railroad ROW
15	15876258.000	2352868.501	N85-36E	52	
16	15876262.000	2352920.499	N59-6E	74	
17	15876300.001	2352984.000	N44-12E	75	
18	15876354.000	2353036.500	N01-12E	60	
19	15876414.001	2353037.749	N46-42E	297	
20	15876618.000	2353254.250	N01-30W	1,063	
21	15877680.734	2353226.380	N88-45E	137	
22	15877684.180	2353363.764	N01-16W	203	
23	15877886.621	2353359.173	N90-0E	35	
24	15877887.942	2353405.154	N00-0E	148	
25	15878039.695	2353397.707	S87-43W	96	
26	15878034.549	2353301.840	N01-27W	347	
27	15878381.352	2353284.667	S88-28W	180	
28	15878377.941	2353104.662	N01-27W	505	
29	15878878.481	2353089.725	S88-46W	296	
30	15878875.000	2352793.251	N01-54W	619	Along easterly sideline of Railroad ROW
31	15879494.000	2352772.750	N00-25W	384	Along easterly sideline of Railroad ROW
32	15879878.000	2352770.000	N89-41W	87	Along Tie Line crossing Railroad ROW
33	15879878.907	2352682.591	Various	2,299	Along 385' contour
33	15879878.907	2352682.591	S89-41E	87	Along Tie Line crossing Railroad ROW
32	15879878.000	2352770.000	N82-9E	22	Along easterly sideline of Railroad ROW
34	15879881.000	2352791.750	N03-37E	91	Along easterly sideline of Railroad ROW
35	15879971.999	2352797.501	Various	16,217	Along 385' contour
36	15889886.850	2355667.719	N45-3W	24	<u> </u>
37	15889903.593	2355650.152	N'easterly	3,101	Along easterly sideline of River Road
38	15892617.048	2357069.086	S50-5E	164	. 0 ,

Point No.	Northing (ft)	Easting (ft)	Direction	Distance (ft)	Description
39	15892511.528	2357195.249	N52-56E	260	Along Tie Line crossing Railroad ROW
40	15892668.430	2357402.991	S55-3E	33	
41	15892650.009	2357429.370	Various	307,924	Along 385' contour
42	15907142.340	2372617.467	N08-54W	80	Along Tie Line crossing Kendall Station Road
43	15907221.151	2372605.106	Various	5,402	Along 385' contour
43	15907221.151	2372605.106	S08-54E	80	Along Tie Line crossing Kendall Station Road
42	15907142.340	2372617.467	Various	44,241	Along 385' contour
44	15938364.571	2383281.185	S88-25W	82	Along Tie Line crossing Railroad ROW
45	15938360.811	2383199.715	Various	2,467	Along 385' contour
45	15938360.811	2383199.715	N88-25E	82	Along Tie Line crossing Railroad ROW
44	15938364.571	2383281.185	Various	5,793	Along 385' contour
46	15943618.656	2381771.458	S67-51W	69	Along Tie Line crossing Railroad ROW
47	15943592.863	2381707.155	Various	957	Along 385' contour
47	15943592.863	2381707.155	N67-51E	69	Along Tie Line crossing Railroad ROW
46	15943618.656	2381771.458	Various	20,594	Along 385' contour
48	15956899.135	2386989.810	N75-55W	99	Along Tie Line crossing Railroad ROW
49	15956922.127	2386893.711	Various	3,697	Along 385' contour
49	15956922.127	2386893.711	S75-55E	99	Along Tie Line crossing Railroad ROW
48	15956899.135	2386989.810	Various	178,255	Along 385' contour
50	16037869.148	2413579.828	N80-54E	450	Along Tie Line crossing the Connecticut River
51	16037941.345	2414023.917	Various	320,923	Along 385' contour
52	15898312.465	2364504.056	S35-53E	115	Along Tie Line crossing Lyme Road
53	15898219.054	2364571.655	Various	2,178	Along 385' contour
53	15898219.054	2364571.655	N35-53W	115	Along Tie Line crossing Lyme Road
52	15898312.465	2364504.056	Various	47,973	Along 385' contour
54	15877416.755	2354271.199	S52-56E	74	, nongood contour
55	15877374.365	2354329.796	S02-55E	93	
56	15877283.253	2354334.519	Various	2,253	Along 385' contour
57	15875929.455	2355006.038	S39-21E	87	/ Hong ses conteat
58	15875861.999	2355061.249	S'westerly	1,378	Along westerly sideline of North Main Street
59	15874730.824	2354319.430	S75-4E	90	Along Tie Line crossing North Main Street
60	15874709.000	2354381.250	S72-43E	145	
61	15874666.000	2354519.500	N27-57E	120	
62	15874772.000	2354575.750	S65-43E	107	
63	15874728.001	2354673.249	S71-55E	64	
64	15874708.000	2354734.501	N70-9E	183	
65	15874769.999	2354906.250	S50-18E	17	
66	15874759.000	2354919.501	S09-12E	184	
67	15874577.000	2354949.000	S11-30E	115	
68	15874463.999	2354971.999	S15-4E	67	
69	15874399.000	2354989.499	S09-3W	204	
70	15874197.999	2354957.499	S09-15W	221	
71	15873980.000	2354921.999	\$30-2W	1,224	
72	15872920.000	2354309.000	N73-30W	634	
73	15873100.001	2353701.500	N'easterly	326	Along easterly sideline of North Main Street
74	15873396.000	2353836.500	N21-5E	363	Along easterly sideline of North Main Street
75	15873735.000	2353967.251	N20-10E	191	Along easterly sideline of North Main Street
76	15873914.001	2354033.000	N20-28E	76	Along easterly sideline of North Main Street
77	15873985.001	2354059.501	N'easterly	390	Along easterly sideline of North Main Street
78	15874339.999	2354221.250	N64-14W	32	Along easterly sideline of North Main Street

Point No.	Northing (ft)	Easting (ft)	Direction	Distance (ft)	Description
79	15874353.999	2354192.250	N28-2E	402	Along easterly sideline of North Main Street
60	15874709.000	2354381.250	N75-4W	90	Along Tie Line crossing North Main Street
59	15874730.824	2354319.430	S28-23W	416	Along westerly sideline of North Main Street
80	15874364.999	2354121.250	S21-58W	644	Along westerly sideline of North Main Street
81	15873768.001	2353880.499	S21-2W	382	Along westerly sideline of North Main Street
82	15873411.000	2353743.251	S'westerly	753	Along westerly sideline of North Main Street
83	15872755.001	2353381.000	S'westerly	597	Along westerly sideline of North Main Street
84	15872218.980	2353128.549	N70-45W	225	
85	15872270.798	2352980.266	Various	2,683	Along 328' contour
86	15873734.514	2353751.796	N09-4W	552	Along Tie Line at base of Wilder Dam
87	15874279.481	2353664.731	S80-58W	83	Along Tie Line at southerly side of Wilder Powerhouse
88	15874266.459	2353582.751	N08-54W	227	Along Tie Line on westerly side of Wilder Fishladder
89	15874408.346	2353560.499	Various	3,668	Along 328' contour back to point of beginning



















































