CONDUCTOR VISIBILITY

Based on computer model overlay showing 60' trees (approximate height from photo

Existing

Proposed

Existing & Proposed NORTH ANSON

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Proposed Clearing - 75' Right of Way - 500'

Existing Structure

-Visibility of existing transmission

rabassett Ri

Proposed Structure

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Carrabassett River, Anson & Madison

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Carrabassett River, Anson & Madison



Sandy River, Farmington

STRUCTURE VISIBILITY

Based on computer model overlay showing 60' trees (approximate height from photos)

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FARMIN

Existing

Proposed

Existing & Proposed

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-Existing Structure Proposed Clearing - 75' 0 Right of Way - 400'-. Proposed 0 Structure 00 er Ro-

Sandy River, Farmington





Moxie Stream, Moxie Gore



Moxie Stream, Moxie Gore



Sheepscot River, Windsor



Cold Stream, Johnson Mountain Twp

JOHNSON MOUNTAIN TWP

NORTH





Cold Stream, Johnson Mountain Twp

JOHNSON MOUNTAIN TWP

NORTH





Kennebec River, Concord Twp, Bingham & Moscow



Kennebec River, Concord Twp, Bingham & Moscow



Kennebec River, Embden, Concord Twp, Solon & Bingham

CONCORD TWP





Attachment E: Evaluation of River / Stream Visibility



Viewpoint 1 (computer model) - View looking west from the river toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. No visibility.



Viewpoint 2 (computer model) - View looking northwest from the river toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. Possible visibility.

Kennebec River, Embden, Concord Twp, Solon & Bingham



Possible visibility.

Viewpoint 2 (computer model) - View looking northwest from the river toward the Project showing 60' tree walls, which represent approximate tree height based on photos.



Viewpoint 3 (computer model) - View looking northwest from the river toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. Possible visibility.



Viewpoint 4 (Google Earth Streetview) - View looking east toward the Kennebec River.



Viewpoint 3 (computer model) - View looking northwest from the river toward the Project showing 60' tree walls, which represent approximate tree height based on photos. Possible visibility.



Viewpoint 4 (Google Earth Streetview) - View looking west toward proposed transmission line.

Kennebec River, Embden, Concord Twp, Solon & Bingham

Attachment E: Evaluation of River / Stream Visibility



Viewpoint 5 (Google Earth Streetview) - View looking southwest toward proposed transmission line.



Viewpoint 6 (computer model) - View looking southwest from the river toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. Possible visibility.

Kennebec River, Embden, Concord Twp, Solon & Bingham



Viewpoint 6 (computer model) - View looking southwest from the river toward the Project showing 60' tree walls, which represent approximate tree height based on photos. Possible visibility.



Viewpoint 7 (model overlay) - View looking west from the Route 201 Overlook in Solon toward the Project. No project visibility looking in this direction. Red lines represent conductors that are located behind the existing vegetation.

Kennebec River, Embden, Concord Twp, Solon & Bingham



Viewpoint 7 (model overlay) - View looking northwest from the Route 201 Overlook in Solon toward the Project. The top of one structure may be visible from this viewpoint. Red lines represent conductors that are located behind the existing vegetation, except in one location as noted.

Kennebec River, Embden, Concord Twp, Solon & Bingham



Viewpoint 7 (model overlay) - View looking northwest from the Kennebec Rail Trail (below the Route 201 Overlook in Solon) toward the Project. The top of one structure may be visible from this viewpoint. Red lines represent conductors that are located behind the existing vegetation, except in one location as noted.

Kennebec River, Embden, Concord Twp, Solon & Bingham



Androscoggin River near Tolla Walla WMA, Livermore & Livermore Falls

Attachment E: Evaluation of River / Stream Visibility



Viewpoint 1 (computer model) - View looking southeast from the river toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. Possible visibility.



Viewpoint 2 (computer model) - View looking east from the river toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. Possible visibility.

Androscoggin River near Tolla Walla WMA, Livermore & Livermore Falls



Viewpoint 1 (computer model) - View looking southeast from the river toward the Project showing 60' tree walls, which represent approximate tree height based on photos. Possible visibility.



Viewpoint 2 (computer model) - View looking east from the river toward the Project showing 60' tree walls, which represent approximate tree height based on photos. No visibility.

Attachment E: Evaluation of River / Stream Visibility



Viewpoint 3 (computer model) - View looking east from the river toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. Possible visibility.



Viewpoint 3 - View looking east from the river toward the Project showing 60' tree walls, which represent approximate tree height based on photos. Possible, but unlikely visibility.



Viewpoint 4 (computer model) - View looking east from the river toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. Possible, but unlikely visibility.

Androscoggin River near Tolla Walla WMA, Livermore & Livermore Falls



Viewpoint 4 (computer model) - View looking east from the river toward the Project showing 60' tree walls, which represent approximate tree height based on photos. No visibility



Viewpoint 5 (overlay 1) - View from Tolla Walla Conservation Area looking east toward proposed transmission line. No visibility due to intervening vegetation. Androscoggin River near Tolla Walla WMA, Livermore & Livermore Falls



Viewpoint 5 (overlay 2) - View from Tolla Walla Conservation Area looking southeast toward proposed transmission line. No visibility due to intervening vegetation. Androscoggin River near Tolla Walla WMA, Livermore & Livermore Falls



Androscoggin River, Auburn



Androscoggin River, Auburn



Androscoggin River near Androscoggin Riverlands State Park, Greene, Turner, Auburn & Lewiston







Attachment E: Evaluation of River / Stream Visibility



Viewpoint 1 - View looking east from Androscoggin Riverlands State Park.



Viewpoint 1 - Photo overlay looking east from Androscoggin Riverlands State Park toward model of proposed structures. No visibility due to intervening vegetation.



Viewpoint 2 - View looking east from Androscoggin Riverlands State Park.

Viewpoint 2 - Photo overlay looking east from Androscoggin Riverlands State Park toward model of proposed structures. No visibility due to intervening vegetation.

Androscoggin River near Androscoggin Riverlands State Park, Greene, Turner, Auburn & Lewiston





Viewpoint 3 - View looking east from the Gulf Stream Pond along the Androscoggin River toward the Project showing 40' tree walls, which represent the landcover height used in viewshed analysis. No project visibility.

Androscoggin River, Greene, Turner, Auburn & Lewiston

Examples of computer overlay analysis for great ponds with potential visibility

Clearwater Pond, Industry



Computer model view from a point in the middle of Clearwater Pond. Portions of the tops of a few structures may be visible above the tree line. (The red lines represent conductors that are located behind the existing vegetation).

Examples of computer overlay analysis for great ponds with potential visibility

Fahi Pond, Embden



Existing conditions view



Computer model overlay showing how existing vegetation will screen the structures and conductors from the pond during leaf-on conditions. One or two structures may be visible from Fahi Pond during leaf off conditions. (The red lines represent conductors that are located behind the existing vegetation).

Examples of computer overlay analysis for great ponds with potential visibility

Fahi Pond, Embden



Existing conditions view



Computer model overlay showing how existing vegetation will screen the structures and conductors from the pond during leaf-on conditions. One or two structures may be visible from Fahi Pond during leaf off conditions. (The red lines represent conductors that are located behind the existing vegetation).

Examples of computer overlay analysis for great ponds with potential visibility

Grace Pond, Upper Enchanted Township



Existing conditions view



Computer model overlay showing how existing vegetation will screen the structures and conductors from the pond. (The red lines represent conductors that are located behind the existing terrain and vegetation).

Examples of computer overlay analysis for great ponds with potential visibility

Whipple Pond, T5 R7 BKP WKR



Existing conditions view



Computer model overlay showing how existing vegetation will screen the structures and conductors from the pond. (The red lines represent conductors that are located behind the existing vegetation).

Examples of computer overlay analysis for great ponds with potential visibility

Moose River, Bradstreet TWP



Photo overlay on computer model overlay showing how the Project would generally be screened by 40 ft vegetation from the river within 3 miles of the Project.



Computer model photo overlay showing how existing topography and vegetation will screen the structures (yellow lines) and conductors from the Moose River.

Examples of computer overlay analysis for great ponds with potential visibility

Moose River, Bradstreet TWP



Photo overlay on computer model showing how the Project would generally be screened by 40 ft vegetation from the river within 3 miles of the Project.



Computer model photo overlay showing how existing topography and vegetation will screen the structures (yellow lines) and conductors from the Moose River.

Examples of computer overlay analysis for great ponds with potential visibility

Little Wilson Pond, Johnson Mountain TWP



Computer model overlay showing how the Project would generally be screened by 40 ft vegetation from the middle of the pond.



Computer model overlay with transparent 40 ft trees showing how existing vegetation will screen most of the structures and conductors from the pond. The top of two structures may be visible above the vegetation, therefore we noted in the Scenic Resource Chart (Attachment F) that the tips of three structures may be visible from the southern end of the pond. It is likely that shoreline vegetation taller than 40 ft will screen the Project from view.

Examples of computer overlay analysis for great ponds with potential visibility

Tobey Pond, Johnson Mountain TWP



Computer model overlay with transparent 40 ft trees showing how existing vegetation will screen the structures and conductors from the pond.

Examples of computer overlay analysis for great ponds with potential visibility

Lake Auburn, Auburn



Computer model overlay showing how existing vegetation will screen the structures and conductors from the lake.

Androscoggin Lake, Leeds



Computer model overlay showing how existing vegetation will generally screen the structures and conductors from the lake. The tips of two structures may be visible at a distance of approximately 2.7 miles from the Project. At this distance, the structures would not be noticeable. Viewpoints closer to the Project will be completely screened by shoreline vegetation.

NECEC Visibility Review from Whipple Stream Camp Site, T5 R7 BKP WKR, 2018.12.21



Viewpoint A from a campsite on Whipple Stream, off Spencer Rips Road in T5 R7 BKP WKR. The Project is unlikely to be visible from within the campsite but one structure and a portions of the conductors may be visible from the stream in front of the campsite



View of campsite on the northeast side of Whipple Stream, approximately 1,425 feet north of the Spencer Rips Road/Spencer Road intersection. Photo Date: 6/14/17



3D Model view from Whipple Stream in front of the campsite indicates that existing 40 ft +/- vegetation along the stream will screen the majority of the Project from views, except for the top of one structure and portions of shield wires and conductors.

