

NYPSC Case 11-T-0654

Application
of
New York State Electric & Gas Corporation
for
Certificate of Environmental Compatibility and Public Need Pursuant to
Article VII, Section 121-a of the Public Service Law

Seneca West Pipeline Interconnect
Towns of Big Flats and Horseheads, and Village of Horseheads
Chemung County, New York

ATTACHMENT 1 to APPENDIX A
Route Description

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Route Description

The proposed location, route, and approximate length of the SWPI pipeline are described below:

Commencing at a proposed tap in the 16-inch Inergy Seneca Lake Storage West Pipeline located at coordinates Latitude 42° 11' 25.01"N; Longitude 76° 54' 43.30"W located on the property Tax Map No. 47.00-1-48.1 in the Town of Big Flats, Chemung County, NY, and proceeding easterly with an 8-inch 1,341-psig MAOP pipeline approximately **40-feet** crossing under an existing Talisman Energy Corp 10-inch pipeline, thence continuing easterly in a wooded area approximately **45-feet** to a proposed metering and regulating (M&R) station to be located within an approximately 75-foot by 94-foot fenced area;

Thence exiting the proposed M&R station at Station 0+00 (Reference: Appendix A, Sheet 1, Civil Alignment Plans) with an 8-inch 1,100-psig MAOP pipeline;

Thence turning northeasterly proceeding through a wooded area and wetland KK approximately **140-feet** with an open cut crossing under Yawger Road (seasonal) beneath a proposed 18-inch plastic stormwater culvert;

Thence turning east, continuing through a wooded area and delineated Wetlands Z, AA, and KK, approximately **525-feet**; thence turning northeasterly approximately **60-feet**, then crossing intermittent Stream Z/AA using an open cut crossing in-the dry;

Thence continuing northeasterly approximately **60-feet** through delineated Wetlands Z; thence turning east onto an existing right-of-way (ROW) (Columbia Gas Transmission) and continuing along the maintained right-of-way through a wooded area approximately **550-feet** to the property Tax Map No. 47.00-1-38.3;

Thence continuing easterly approximately **70-feet** crossing perennial Stream Y using an open cut crossing in-the dry;

Thence proceeding easterly approximately **425-feet**, paralleling to the south of the existing inactive 12-inch Columbia Gas pipeline (A-5), to delineated Wetland X; thence continuing east approximately **290-feet** exiting Wetland X, and continuing approximately **350-feet**, crossing beneath Upson Road, using the

open-cut method, onto the property Tax Map No. 47.00-1-38.3; thence continuing east approximately **40-feet**;

Thence turning northeasterly, proceeding approximately **25-feet**, crossing beneath an existing inactive 12-inch Columbia Gas pipeline and continuing northeasterly approximately **20-feet**, crossing beneath an existing 30-inch Columbia Gas pipeline;

Thence proceeding easterly paralleling to the north of an existing inactive 12-inch Columbia Gas pipe line, approximately **275-feet** crossing onto property Tax Map No. 47.00-1-37.1;

Thence continuing east approximately **200-feet** to the property Tax Map No. 47.00-1-36;

Thence continuing east approximately **170-feet** to the property Tax Map No. 47.00-1-33.212;

Thence entering Wetland W and continuing east approximately **280-feet** onto the property Tax Map No. 47.00-1-34;

Thence continuing east approximately **110-feet**, crossing beneath an existing overhead electric distribution line, onto the property Tax Map No. 47.00-1-33.1, thence continuing **50-feet** crossing an intermittent drainage ditch; then proceeding **250-feet** and exiting Wetland W; proceeding approximately **40-feet**, then crossing a drainage ditch;

Thence proceeding easterly approximately **30-feet** entering delineated Wetland V then continuing easterly approximately **20-feet** exiting Wetland V;

Then continuing east approximately **90-feet** entering an inactive agricultural field and proceeding an additional **360-feet** crossing a drainage ditch then continuing easterly paralleling, to the north, the existing inactive 12-inch Columbia Gas pipeline;

Thence continuing easterly within the inactive agricultural field approximately **465-feet**, before exiting the inactive agricultural field, and continuing approximately **220-feet** crossing beneath an underground fiber optic cable, then continuing easterly approximately **5-feet** crossing a second fiber optic cable and 4-inch polyethylene gas pipeline, then continuing **40-feet** crossing a 12-inch HDPE culvert pipe and Chambers Road through the use of an open cut;

Thence continuing easterly through an agricultural field paralleling to the north of the existing active Columbia Gas pipeline , approximately **200-feet** crossing Stream M using an open cut in-the- dry method;

Thence continuing easterly through an agricultural field approximately **1,030-feet** crossing through a hedge row; thence proceeding approximately **40-feet**, crossing intermittent Stream N using an open cut in-the-dry method;

Thence continuing easterly through an agricultural field approximately **380-feet** before exiting the agricultural field and an additional **40-feet** entering delineated Wetland OW; thence proceeding easterly approximately **30-feet** crossing Stream O (Sing Sing Creek) using an open cut in-the-dry, and exiting the agricultural field proceeding onto the property Tax Map No. 47.00-1-19.2;

Thence continuing easterly approximately **270-feet** entering delineated Wetland P; thence continuing easterly approximately **170-feet** through delineated Wetlands Q and R; and continuing east paralleling the existing ROW, through a wooded area; approximately **360-feet** entering the property Tax Map No. 47.00-1-25;

Thence continuing easterly, within the existing ROW, through a wooded area approximately **560-feet** crossing a stone wall, onto the property Tax Map No. 47.00-1-26;

Thence proceeding easterly approximately **530-feet** crossing a stone wall; thence continuing within the existing ROW, through a wooded area approximately **90-feet** crossing beneath an overhead electric distribution line;

Thence continuing easterly within the existing ROW, through a wooded area approximately **300-feet** crossing beneath the existing 30-inch Millennium Gas pipeline;

Thence continuing easterly approximately **370-feet** onto the property Tax Map No. 48.01-1-1, proceeding approximately **120-feet** through delineated Wetland U exiting at approximately **200-feet**;

Thence turning slightly northeast through a wooded area approximately **420-feet** crossing Stream JJ using an open cut in-the- dry method;

Thence continuing slightly northeasterly approximately **60-feet** onto the property Tax Map No. 48.01-1-2; proceeding northeasterly approximately **40-feet** then turning slightly southeasterly;

Thence; continuing easterly through a wooded area approximately **850-feet**, crossing beneath a private road/drive and barbed wire fence;

Thence continuing easterly approximately **50-feet** with an open-cut crossing beneath Barnes Hill Road and beneath an existing 2-inch polyethylene gas main onto the property Tax Map No. 48.01-1-20; thence continuing easterly approximately **80-feet**, crossing an intermittent stream (Stream II), and delineated wetland fringe (Wetland II), using an open cut method in-the-dry; thence proceeding approximately **60-feet** crossing beneath a private gravel road, a drainage ditch (delineated Wetland/III), and culvert pipe;

Thence continuing easterly approximately **80-feet** crossing a stream (Stream 5-2) flowing through a 36-inch RCP, thence proceeding east approximately **240-feet** onto property Tax Map No 48.01-1-21;

Thence proceeding easterly through a wooded area and delineated wetland area (Wetland II/III) approximately **220-feet**, crossing a drainage ditch;

Thence continuing easterly along the existing ROW approximately **380-feet** through delineated wetland area (Wetland II/III) crossing a barbed wire fence;

Thence continuing easterly through a wooded area along the existing ROW approximately **460-feet** onto the property Tax Map No. 48.03-2-6.111;

Thence continuing easterly through a wooded area along the existing ROW approximately **450-feet** onto the property Tax Map No. 48.01-1-4.5;

Thence continuing easterly along the existing ROW approximately **140-feet**, thence turning southeasterly and proceeding approximately **70-feet**; then entering delineated Wetland L, then crossing adjacent Stream L using an open cut in-the-dry;

Thence turning southeasterly proceeding approximately **30-feet**, crossing beneath the existing active 12-inch Columbia Gas pipeline then continuing southeasterly approximately **30-feet**;

Thence turning east, continuing approximately **30-feet** crossing onto the property Tax Map No. 48.01-1-4.4, and continuing through a wooded area along the existing ROW;

Thence continuing easterly approximately **50-feet** crossing a drainage ditch then proceeding easterly approximately **200-feet** into the Town of Horseheads and onto the property Tax Map No. 48.01-1-1.13;

Thence continuing through a wooded area along the existing ROW approximately **260-feet**, crossing onto the property Tax Map No. 48.01-1-1.14;

Thence turning northeasterly continuing approximately **40-feet** then crossing beneath the existing active 12-inch Columbia Gas pipeline then continuing northeasterly approximately **40-feet** then turning east;

Thence continuing easterly through a wooded area along the existing ROW approximately **420-feet** and entering Wetland K, then proceeding approximately **30-feet** onto the property Tax Map No. 48.01-1-1.113;

Thence continuing through delineated Wetland K continuing easterly approximately **60-feet**, exiting the delineated wetland, then continuing easterly approximately **350-feet** crossing delineated Wetland J and open cut in-the-dry crossing of intermittent Stream J;

Thence continuing easterly approximately **25-feet** crossing beneath a private driveway, thence continuing easterly **45-feet**, crossing beneath a 2-inch polyethylene gas distribution line, crossing Woodgate Drive through an open-cut, and beneath an overhead electrical line;

Thence turning northeasterly within a wooded area along the existing ROW approximately **140-feet** crossing Stream I using an open cut in-the-dry method; then proceeding **10-feet** and crossing beneath Prospect Hill Road through an open-cut, proceeding onto the property Tax Map No. 48.02-1-2;

Thence continuing northeasterly approximately **140-feet** then turning southeast onto the property Tax Map No. 48.02-1-3; thence proceeding along the ROW through an open field approximately **420-feet**, crossing Stream H through open cut in-the-dry method; onto the property Tax Map No. 38.04-1-8;

Thence continuing southeasterly approximately **50-feet** crossing beneath the active 12-inch Columbia gas pipeline, thence continuing approximately **100-feet** through a wooded area along the existing ROW, then

turning east-northeasterly approximately **250-feet** crossing delineated wetland G; thence continuing approximately **600-feet** crossing intermittent Stream F through open cut in-the-dry; thence continuing east-northeasterly approximately **250-feet** onto the property Tax Map No. 48.02-1-3;

Thence continuing easterly approximately **150-feet** entering delineated Wetland E; thence proceeding easterly **550-feet** and exiting delineated Wetland E;

Thence continuing easterly approximately **170-feet** into delineated Wetland D; thence proceeding easterly approximately **200-feet** and exiting Wetland D proceeding easterly onto the property Tax Map No. 48.02-1-13

Thence continuing easterly approximately **45-feet** into delineated Wetland C, continuing approximately **30-feet** and exiting Wetland C;

Thence continuing easterly approximately **120-feet** into delineated Wetland B, proceeding easterly approximately **330-feet** and exiting Wetland B;

Thence continuing along the existing ROW easterly approximately **160-feet** into delineated Wetland A; thence continuing approximately **50-feet** onto the property Tax Map No. 48.02-1-7.1; continuing easterly approximately **80-feet** then turning south and proceeding **50-feet** onto the property Tax Map No. 48.02-1-5.1;

Thence continuing southerly approximately **20-feet** exiting Wetland A, then passing beneath an overhead electrical line; thence continuing approximately **60-feet** crossing beneath an existing 26-inch Dominion Transmission gas pipeline;

Thence continuing approximately **15-feet**, crossing beneath a 30-inch Dominion Transmission gas pipeline; thence continuing southerly approximately **50-feet** then turning east-southeast; Thence continuing through a wooded area approximately **15-feet** to the location of the proposed pipeline blowdown valve (Ref.: STA 190+64) and continuing **210-feet** crossing a 12-inch gas distribution pipeline then proceeding to cross beneath County Route 57 and drainage Ditch EE through an open cut , and onto the property Tax Map No. 48.02-1-25.26;

Thence continuing through a wooded area approximately **200-feet** then turning south-southwest onto an existing NYSEG overhead electric transmission ROW;

Thence continuing approximately **80-feet** onto the property Tax Map No. 48.02-1-25.25; thence continuing approximately **180-feet** onto the property Tax Map No. 48.02-1-25.24; thence turning slightly south-southeast;

Thence continuing south-southeasterly approximately **80-feet** crossing beneath an overhead electrical line; thence continuing through a wooded area within the existing ROW, approximately **100-feet** onto the property Tax Map No. 48.02-1-25.21;

Thence proceeding southeasterly approximately **320-feet** then paralleling to the west of an existing stone wall for approximately **170-feet**; thence continuing south-southeasterly approximately **120-feet**, crossing beneath an existing overhead electrical transmission line;

Thence continuing south-southeasterly approximately **15-feet** then crossing Oak Hill Road through open-cut onto property Tax Map No 48.02-1-5.3; and continuing south-southeast approximately **15-feet** passing beneath and existing underground telephone cable;

Thence continuing within the existing ROW through a wooded area approximately **100-feet** then turning southwest; thence proceeding approximately **50-feet** crossing beneath an overhead 34.5 kV electric transmission line onto property Tax Map No. 48.02-1-38; Thence continuing south-southwest approximately **50-feet**;

Thence proceeding south approximately **45-feet** crossing a gravel driveway onto property Tax Map No 48.02-1-5.2; thence turning east-southeast, proceeding approximately **50-feet** again crossing beneath an overhead 34.5 kV electric transmission line; thence continuing east-southeast approximately **50-feet**;

Thence turning south-southeast and proceeding through a wooded area within an existing ROW approximately **600-feet** then paralleling to the south of a row of trees continuing south-southeasterly approximately **330-feet** onto the property Tax Map No. 48.04-2-17;

Thence continuing south-southeast along the row of planted trees approximately **230-feet** where the tree-row ends and the pipeline turns slightly east exiting the existing NYSEG overhead electric transmission ROW continuing approximately **30-feet** onto property Tax Map No. 48.16-1-1.6; thence turning south-southeasterly;

Thence continuing south-southeast approximately **35-feet** parallel to an existing ROW, then crossing beneath an existing 4-inch polyethylene gas distribution pipeline;

Thence continuing south-southeasterly approximately **70-feet**, at which point the pipeline is installed through horizontal directional drilling;

Thence continuing south-southeasterly parallel to an existing ROW through horizontal directional drilling approximately **540-feet**;

Thence continuing south-southeasterly approximately **80-feet** then turning slightly south-southwesterly approximately **20-feet** onto property Tax Map No. 48.04-3-89 and entering the existing NYSEG overhead electric transmission ROW; then proceeding south-south westerly approximately **25-feet** crossing beneath a private driveway, turning south-southeast, thence proceeding approximately **30-feet** onto property Tax Map No. 48.04-3-66.1 crossing a chain-link fence;

Thence continuing south-southeasterly along an existing ROW approximately **140-feet** onto the property Tax Map No. 48.04-3-67;

Thence continuing south-southeasterly approximately **460-feet** crossing a stone pile and Wetland DD onto the property Tax Map No. 48.04-3-66.3;

Thence proceeding southeasterly approximately **60-feet** and existing Wetland DD; then continuing along an existing ROW south-southeasterly approximately **300-feet** then turning southwesterly; then proceeding approximately **120-feet** then turning southeasterly;

Thence continuing southeasterly approximately **80-feet** then turning southwesterly proceeding onto the property Tax Map No. 48.04-3-66.4;

Thence continuing southwesterly along an existing ROW approximately **500-feet**, crossing a Village of Horseheads water pipeline and drainage Ditch CC, then crossing beneath Gardner Road through open cut, an existing 12-inch steel gas main, and into the Village of Horseheads and property Tax Map No. 48.20-1-58.11, thence turning southwesterly;

Thence continuing southwesterly, approximately **40-feet** beneath a gas distribution pipeline and then **25-feet**, then turning northwesterly;

Thence continuing westerly approximately **40-feet** beneath a gas distribution pipeline and then **30-feet**, then turning westerly approximately **40-feet**;

Thence continuing north-northwesterly approximately **75-feet** exiting the NYSEG electric overhead electric transmission ROW, then turning northwesterly, proceeding onto the property Tax Map No. 48.20-1-58.12;

Thence continuing northwesterly along the existing Gardner Road ROW approximately **180-feet**, then turning southwesterly;

Thence continuing southwesterly approximately **20-feet** beneath a gas distribution pipeline and then continuing **130-feet**, then turning westerly continuing approximately **160-feet** before again turning southwest and continuing approximately **70-feet** before turning west into the proposed Gardner Road M&R station with the coordinates, Latitude 42° 10' 34.3"N; Longitude 76° 50' 28.83"W.

Aboveground pipeline markers will be installed at the crossings of all roads and streams, at all turning points, and where necessary to identify the pipeline so as to reduce the possibility of damage or interference. The locations of proposed pipeline markers are shown on the drawings in Exhibit A, Figures.