


Memorandum

To: Vermont Gas Systems
 Addison Natural Gas Project - Phase 1
 Project File

Date: May 28, 2013

Project No.: 57563.00

From: Joshua L. Sky

Re: Remaining Natural Resource Investigation
 Areas

INTRODUCTION

Vanasse Hangen Brustlin, Inc. (“VHB”) has prepared this memorandum to catalog the areas for which natural resource field assessments have not been completed for Vermont Gas Systems’ (“VGS”) Addison Natural Gas Project (“ANGP”) Phase 1, based on the April 30, 2013 alignment shown in the amended permit applications submitted to the Vermont Agency of Natural Resources (“VTANR”) and the US Army Corps of Engineers (“USACE”) on May 3, 2013¹. Field assessments of natural resources have been conducted by VHB and/or its subcontractors for the majority of the ANGP Phase I (April 30th alignment). However, despite efforts to gain access to the areas of potential effect of the ANGP, a small subset of landowners have denied access to their property for the completion of field investigations associated with the ANGP. As a result, approximated natural resource data has been used as a surrogate for field collected data for these no-access areas. The natural resource data has been approximated by using publically available mapping data, prior field assessments, and remote sensing of recent aerial photography. As efforts to gain access to the remaining parcels are ongoing, approximated data will continue to be replaced with field verified information as access agreements are reached.

In total, approximately 1.7 miles along the proposed transmission pipeline alignment and 1.1 acres of additional area adjacent to the proposed alignment are included in the remaining natural resource investigation areas to be completed. The subsequent sections outline the specifics of the outstanding field assessments needed by parcels and includes landowners, line list number as assigned by CHA, Inc. (“CHA”) and specific resources to be field verified.

REMAINING NATURAL RESOURCE INVESTIGATION AREAS
Natural Resource Investigation Areas

Listed below are areas where one or more types of natural resource investigation work remains to be completed.

¹ Original permit applications were submitted to VTANR and USACE on December 20, 2012.

Area 1

- Town: Hinesburg
- Sheet Number: EPSC Sheet 037², NR Series Sheet 16³
- Mile Post (MP): 17.9
- Distance/Size: 0.03 miles of access road (approximately 0.18 acres)
- Landowner and Line List Number (LLN): Linda P. Lumbra (99), Steven R. & Margo K. Green (99.01), Herschel Prengler (100), Ian F. Carroll & Leann M. Worth-Leighton (100.01)

VHB needs to complete a field assessment within parcels 99 (Linda P. Lumbra), 99.01 (Steven R. & Margo K. Green), 100 (Herschel Prengler), 100.01 (Ian F. Carroll & Leann M. Worth-Leighton) for the presence of Rare, Threatened, and Endangered Species (“RTEs”) and natural communities. VHB previously assessed wetlands and waters in this area. The area to be studied is the proposed 0.03 miles of access road, and its surrounding areas, from Vermont Route 116 along Hickory Place to the proposed pipeline alignment along the VELCO ROW.

Area 2

- Town: Hinesburg
- Sheet Number: EPSC Sheet 041-043, NR Series Sheets 18-19
- Mile Post (MP): 19.85 - 21.1
- Distance/Size: 1.25 miles of pipeline
- Landowner and LLN: David Carse (110), Elizabeth M. Hazen (111), Carse Land Company LCC (112), Ronald & Constance Lavallee (113)

VHB needs to conduct field assessments to confirm approximate RTEs, wetlands and streams data and conduct a stream assessment of a tributary to the LaPlatte River within the following Hinesburg parcels; 110 (David Carse), 111 (Elizabeth M. Hazen), 112 (Carse Land Company LLC), 113 (Ronald and Constance Lavallee). The area to be studied within these parcels is the 1.25 miles of proposed pipeline corridor and its surrounding areas.

Area 3

- Town: Hinesburg
- Sheet Number: EPSC Sheet 047, NR Series Sheet 20
- Mile Post (MP): 22.60 - 22.65
- Distance/Size: none along proposed pipeline alignment; 0.4 acres Additional Temporary Workspace adjacent to proposed transmission mainline
- Landowner and LLN: Matthew T. Baldwin (120)

VHB needs to conduct a field assessment for RTEs and natural communities, verify an approximate stream feature and conduct a stream crossing assessment of Lewis Creek in parcel 120 (Matthew T. Baldwin), in Hinesburg (see below). VHB does not expect to find wetlands on this property. This 0.4 acre area is a proposed additional temporary work space necessary for the proposed horizontal directional drill under Lewis Creek and the surrounding wetlands.

² CHA ANGP Erosion Prevention and Sediment Control Plan (April 30, 2013)

³ VHB ANGP Natural Resource Plans (December 13, 2012, Revised May 2, 2013)

Area 4

- Town: Monkton
- Sheet Number: EPSC Sheet 051, NR Series Sheet 21
- Mile Post (MP): 24.4-25.54
- Distance/Size: 0.14 miles of pipeline
- Landowner and LLN: Nathan & Jane Palmer (134.05)

VHB needs access to parcel 134.05 (Nathan & Jane Palmer) in Monkton to conduct a field assessment for RTEs and natural communities, and conduct a stream crossing assessment of a tributary to Lewis Creek (see below). This site has been previously assessed for other natural resources. The area to be investigated within these parcels is the proposed 0.14 miles of pipeline corridor and its surrounding areas.

Area 5

- Town: Monkton
- Sheet Number: EPSC Sheet(s) 051, NR Series Sheet(s) 22
- Mile Post (MP): 24.55-24.75
- Distance/Size: 0.2 miles of pipeline
- Landowner and LLN: Leonard J., Beverly D., Raymond & Claudette Latrielle (138)

VHB needs to conduct a field assessment within parcel 138 (Leonard J., Beverly D., Raymond & Claudette Latrielle), in Monkton, for RTEs and natural communities, and verify an approximate wetland. VHB does not expect to find other natural resources on site. The area to be studied within these parcels is the 0.2 miles of proposed pipeline corridor and its surrounding areas.

Area 6

- Town: Monkton
- Sheet Number: EPSC Sheet(s) 053, NR Series Sheet(s) 22
- Mile Post (MP): 25.6
- Distance/Size: 0.08 miles of access road (approximately 0.5 acres)
- Landowner and LLN: William & Helena Nicolay (148), Claire Broughton Trustee (149)

VHB needs to conduct a field assessment within parcels 148 (William & Helena Nicolay) and 149 (Claire Broughton Trustee) for RTEs and natural communities. VHB does not expect to find any other natural resources in the area. The area to be studied in this area is an access road leading to the pipeline from Pond Road.

Area 7

- Town: Monkton
- Sheet Number: EPSC Sheet 054, NR Series Sheet 23
- Mile Post (MP): 26.2-26.3
- Distance/Size: 0.08 miles of pipeline
- Landowner and LLN: Louise Selina Peyser (155)

VHB needs to conduct a field assessment within parcel 155 to confirm a potential RTE (2012-RTE-AHS-044). VHB does not expect to find any other natural resources in this area. The area to be studied in this location is within the VELCO ROW, south from Cedar Lane.

Area 8

- Town: Monkton
- Sheet Number: EPSC Sheet 063, NR Series Sheet 26
- Mile Post (MP): 29.70-29.75
- Distance/Size: 0.05 miles of pipeline
- Landowner and LLN: Herrick & Charlotte Hurlburt (192)

VHB needs to complete a field assessment within parcel 192 (Herrick & Charlotte Hurlburt) for the presence of RTEs and natural communities and confirm an approximate stream feature. VHB does not anticipate delineating other natural resources in this parcel. The pipeline is proposed to travel 0.05 miles within the unstudied area in order to move from the road right of way to VELCO right of way.

Stream Crossing Investigation Areas

Listed below, the following proposed stream crossings and their associated parcel(s) need to be accessed in order to complete a more detailed stream survey.

Sucker Brook (2012-TB-SB-1)⁴

- Town: Williston
- Crossing ID⁵: 17
- MP: 13.79
- Sheet Number: EPSC Sheet 028, NR Series Sheet 13
- Landowner and LLN: Kermit, Diane & Randall Laclair (72) and Stephen & Judy Laclair (72.01)

VHB needs to visit parcels 72 (Kermit, Diane & Randall Laclair) and 72.01 (Stephen & Judy Laclair) in Williston, to conduct a stream crossing assessment of Sucker Brook. The crossing of Sucker Brook would occur adjacent to the VELCO right of way if constructed as proposed. The area to be studied is the area where the proposed pipeline would cross Sucker Brook.

Tributary to LaPlatte River (2013-AS-CM-3)

- Town: Hinesburg
- Crossing ID: 123
- MP: 19.94
- Sheet Number: EPSC Sheet 041, NR Series Sheet 18
- Landowner and LLN: David Carse (110)

⁴ VHB delineated feature identification referenced in the ANGP Natural Resources Report (December 17, 2012, revised February 26, 2013, supplemented May 3, 2013)

⁵ Crossing Number referenced in the Stream Alteration Review memorandum (May 3, 2013) provided to VTANR on May 3, 2013

VHB needs to access parcel 110 (David Carse) in Hinesburg, to conduct a stream crossing assessment of a tributary to the LaPlatte River. The area to be studied is the area where the proposed pipeline would cross the LaPlatte River.

Lewis Creek (2012-TB-LC-1)

- Town: Hinesburg
- Crossing ID: 122
- MP: 22.86
- Sheet Number: EPSC Sheet 047, NR Series Sheet 20
- Landowner and LLN: Matthew T. Baldwin (120) and Daniel P. Baldwin (121)

Parcels 120 (Matthew T. Baldwin) and 121 (Daniel P. Baldwin) in Hinesburg, need to be accessed to complete the Lewis Creek stream crossing assessment. The crossing of Lewis Creek would occur adjacent to the VELCO right of way if constructed as proposed. The area to be studied is the area where the proposed pipeline would cross the Lewis Creek.

Tributary to Lewis Creek (2013-AS-CM-6)

- Town: Monkton
- Crossing ID: 107
- MP: 24.52
- Sheet Number: EPSC Sheet 051, NR Series Sheet 21
- Landowner and LLN: Nathan & Jane Palmer (134.05)

Parcel 134.05 (Nathan & Jane Palmer) in Monkton, needs to be accessed in order to conduct a stream crossing assessment of a tributary to Lewis Creek. The area to be studied is the area where the proposed pipeline would cross the tributary to Lewis Creek.

Tributary to Little Otter Creek (2012-SC-RS-5a)

- Town: Monkton
- Crossing ID: 111
- MP: 30.94
- Sheet Number: EPSC Sheet 065, NR Series Sheet 27
- Landowner and LLN: Herrick & Charlotte Hurlburt (196)

Parcel 196 (Herrick & Charlotte Hurlburt) in Monkton, needs to be accessed in order to conduct a stream crossing assessment of a tributary to Little Otter Creek. This proposed stream crossing is located within in the VELCO corridor. The area to be studied is the area where the proposed pipeline would cross the tributary to Little Otter Creek.