

Ministry of  
Natural Resources  
Renewable Energy Operations Team  
300 Water Street  
4<sup>th</sup> Floor, South Tower  
Peterborough, Ontario K9J 8M5

Ministère des  
Richesses naturelles



February 13, 2013

Suncor Energy Products Inc.  
156 Ave SW  
Calgary, Alberta  
T2P 3E3

**RE: Modifications to Adelaide Wind Project (Addendum #1)**

Dear Christopher Scott:

The Ministry of Natural Resources (MNR) has received the memo dated February 13, 2013 that describes modifications to the Adelaide Wind Project location made subsequent to MNR's letter confirming the Natural Heritage Assessment in respect of the project.

Upon review of the modifications, MNR is satisfied that the Natural Heritage Assessment requirements of Ontario Regulation 359/09 have been met. Please add this letter as an addendum to the confirmation letter issued July 31, 2012 for the Adelaide Wind Project.

If you wish to discuss any part of this letter, please contact Jim Beal at [Jim.Beal@Ontario.ca](mailto:Jim.Beal@Ontario.ca) or 705-755-3203.

Sincerely,

A handwritten signature in blue ink that reads "K. Milian".

Kazia Milian  
Planning Coordinator  
Southern Region MNR

cc     Jim Beal, Southern Region Renewable Energy Coordinator, MNR  
       Amy Cameron, Renewable Energy Planning Ecologist, MNR  
       Mitch Wilson, Aylmer District Manager, MNR  
       Narren Santos, Environmental Approvals Access & Service Integration Branch, MOE  
       Zeljko Romic, Environmental Approvals Access & Service Integration Branch, MOE



**Stantec**

**Stantec Consulting Ltd.**  
70 Southgate Drive Suite 1  
Guelph ON N1G 4P5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

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February 13, 2013  
File: 160960710

Ontario Ministry of Natural Resources  
Southern Region Renewable Energy Operations Team  
4th floor, South Tower  
300 Water St  
PO Box 7000  
Peterborough ON K9J 8M5

**Attention: Amy Cameron**

**Reference: Suncor Energy Adelaide Wind Project Modification**

Dear Ms. Cameron:

This letter is submitted as an addendum to the Suncor Energy Adelaide Wind Project Renewable Energy Approval Application – Natural Heritage Assessment and Environmental Impact Study (NHA/EIS) that was submitted to the Ministry of Natural Resources (MNR) in July 2012, and received a confirmation letter on July 31, 2012. This letter report should therefore be read in association with that document.

The purpose of this letter is to provide the MNR with an understanding of the modification that has been made to the location of Turbine 19 since the NHA/EIS was confirmed by MNR and to provide an assessment of the proposed change in order to identify any additional potential effects, mitigation measures, or monitoring requirements that were not considered within the NHA/EIS.

#### **PROJECT MODIFICATION**

On August 30, 2012, and subsequent to the MNR's confirmation of the NHA/EIS, a minor modification was made to the location of Turbine 19. The turbine was moved approximately 60 m to the south in order to accommodate a residence that is located north of the site. The modified turbine location is shown on the attached Figure 1.

#### **CHANGE TO IDENTIFICATION OF NATURAL FEATURES WITHIN 120 M OF THE NEW PROJECT LOCATION**

As per our assessment of the original location of Turbine 19 in the NHA/EIS, the new location is not located within 120 m of a natural feature. No new features are within 120 m of the Project Location as a result of the modification to the location of Turbine 19. No changes are required to the Records Review, Site Investigation or Evaluation of Significance reports as a result of the modified location.

February 13, 2013  
Attention: Amy Cameron  
Page 2 of 3

**Reference: Suncor Energy Adelaide Wind Project Modification**

**CHANGE TO ASSESSMENT OF IMPACTS AND MITIGATION MEASURES**

Our assessment of the modified location of Turbine 19 is consistent with our assessment of the original location and it will not have any impact on natural heritage features. No additional mitigation measures will be required to accommodate the modified location.

**OVERALL ASSESSMENT OF CHANGES TO NHA/EIS**

The modified location for Turbine 19 will not result in changes to the NHA/EIS.

Stantec Consulting Ltd. prepared this letter report for Suncor Energy for the Adelaide Wind Power Project. Suncor Energy is committed to implementing the appropriate protection and mitigation measures as they apply to the construction and operation of the proposed Project.

Respectfully,

**STANTEC CONSULTING LTD.**

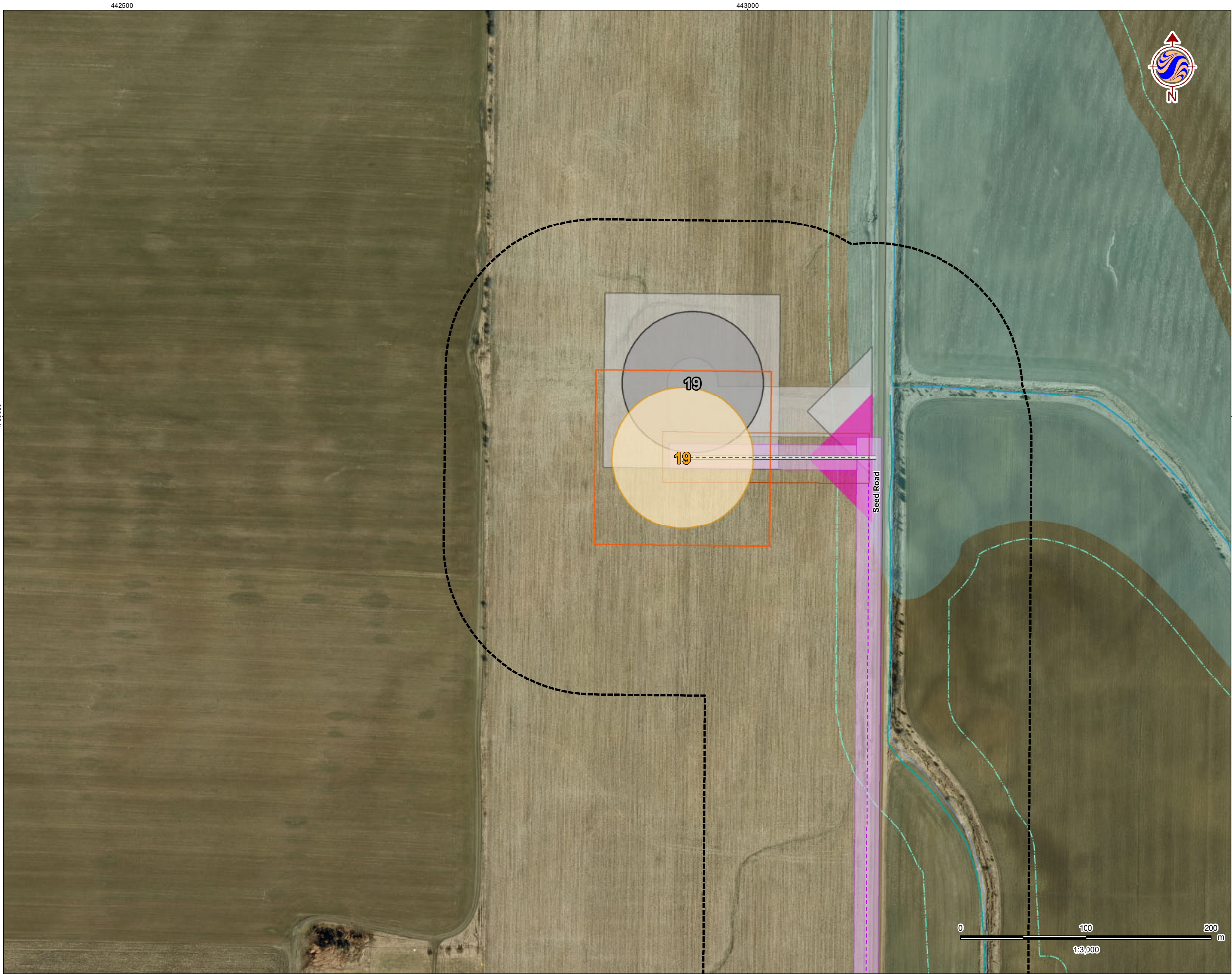


Vince Deschamps, M.Sc., MCIP, RPP  
Senior Environmental Planner  
Tel: (519) 836-6050  
Fax: (519) 836-2493  
vince.deschamps@stantec.com

Attachment: Figure 1: Natural Features – T19 Location Comparison

c. C. Scott, Suncor Energy Products Inc.  
M. Kozak, Stantec Consulting Ltd.





## Legend

120m Zone Of Investigation

### Project Components- Current Layout

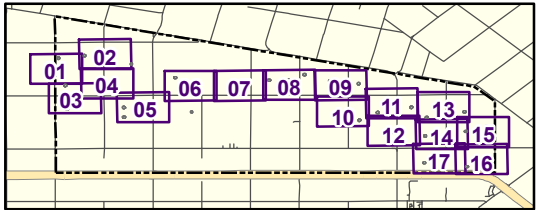
- Proposed Turbine Location
- Access Road
- Underground Collector Line
- Access Road ROW (40m)
- Truck Turning ROW
- Turbine Laydown Area
- Underground Cable ROW (20m)

### Project Components- Old Layout

- Proposed Turbine Location
- Constructable Area

### Existing Features

- Expressway / Highway
- Road
- Watercourse
- Other/Locally Significant Wetland
- Waterbody
- Wooded Area (MNR)
- Amphibian Point Count Stations (Golder, 2011)
- Floodplain (ABCA)
- Natural Feature (Stantec)
- Regulation Limit (ABCA)



## Notes

- Coordinate System: NAD 1983 UTM Zone 17N
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthographic imagery provided by Suncor, 2011. Imagery taken in Spring 2010.



**Stantec**

February 2013  
160960710

Client/Project

Suncor Energy  
Adelaide Wind Project

Figure No.

1

Title

**Natural Features-  
T19 Location Comparison**