

Prepared for:  
**Keystone Pipeline Project**



## Status of Snake Habitat Assessment Along the Keystone Mainline Pipeline in Illinois



March 14, 2007

Dr. Charles Johnson  
Senior Wildlife Biologist  
ENSR/AECOM  
1601 Prospect Parkway  
Fort Collins, Colorado 80525

**Re: Status of snake habitat assessment along the Keystone Mainline pipeline in Illinois.**

Dear Charles,

This letter serves to summarize work to be conducted by BHE Environmental, Inc., (BHE) toward completion of tasks described in BHE proposal 06-0492, *Onsite Habitat Assessment for Protected Snakes on the Keystone Project, Missouri and Illinois*. That proposal describes assessment of potential habitat along proposed alignments of the Keystone pipeline in both states. *This letter specifically addresses only work to be completed on the Keystone Mainline in the State of Illinois.*

During remote habitat assessment of the Keystone Mainline pipeline, we identified 35 sites in Illinois that may contain habitat appropriate for the eastern massasauga (*Sistrurus catenatus catenatus*) and/or Kirtland's snake (*Clonophis kirtlandii*); both are state-listed protected species. The attached table lists the 35 sites selected for survey, and their milepost locations.

Due to site access restrictions and snow cover, field assessment was not conducted at any of the 35 sites between January 1 and March 9 2007. BHE plans to schedule a return to the sites as soon as site access is secured to all or most of the 35 sites, to complete field verification and habitat assessment as described in the study plan dated October 16, 2006 and the proposal referenced above.

Sincerely,

Melanie L. Gregory  
Biologist

attachment



Table 1. Mileposts of sites on the Keystone Pipeline Project in Illinois designated for on-site habitat evaluation.

County	W Milepost*	E Milepost*
Madison	1021.5	1022.1
Madison	1022.1	1022.3
Madison	1023.8	1024.0
Madison	1027.0	1027.2
Madison	1028.4	1028.5
Madison	1028.8	
Madison	1029.0	
Madison	1029.1	
Madison	1029.8	1029.9
Madison	1030.2	
Madison	1036.7	1037.1
Madison	1037.8	1037.9
Madison	1040.7	1040.8
Madison	1040.9	1041.0
Madison	1042.6	1042.8
Madison	1046.0	1047.1
Bond	1053.3	1053.5
Bond	1053.9	1054.0
Bond	1055.2	1055.3
Bond	1055.9	1056.0
Bond	1056.1	
Bond	1056.7	
Bond	1056.6	1056.7
Bond	1057.0	1057.2
Bond	1057.9	
Bond	1058.6	1058.7
Bond	1058.9	1059.0
Bond	1059.3	1059.5
Bond	1061.0	1061.1
Bond	1061.7	1062.1
Fayette	1068.2	1068.4
Fayette	1069.5	1070.8
Fayette	1070.8	1072.1
Fayette	1072.2	1072.6
Fayette	1073.6	1073.8

*\*Only a single milepost is provided for sites crossed by less than 100 meters of the pipeline corridor.*