

**DEER CREEK PIPELINE PROJECT**

**FRAC-OUT REPORT**

**GENERAL INFORMATION**

Inspector Name: Thomas Nickel	Week Of: 07/25/10	Frac-out Dates: 07/30/10 and 07/31/10
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**FRAC-OUT DETAILS**

On 7/30/10, one minor frac-out occurred while boring 185<sup>th</sup> Street and the associated wetlands. The drilling mud surfaced on 185<sup>th</sup> Street. Drilling activities were halted to relieve the pressure in the hole. Earthen berms and straw hay bales were used to contain the drilling mud. A vacuum truck was used to remove the drilling mud. A second minor frac-out occurred on 7/31/10 while boring wetland PEM-23. The drilling mud surfaced just north of Station # 68+00. Drilling activities were halted to relieve the pressure in the hole. In addition, a different drilling mud formulation was deployed for the remaining portion of the drill. Earthen berms were used to contain the drilling mud and a vacuum truck was used to remove the drilling mud. Once both drilling operations were completed both areas were restored, as close as possible, to their pre-construction conditions.

**PHOTOGRAPHS**



Frac-out at 185<sup>th</sup> Street.



185<sup>th</sup> Street after final clean up and restoration of frac-out area.



Frac-out north of Station # 68+00.



Area north of Station # 68+00 after final clean up and restoration.

Inspector Name:	Signature:	Date:
Thomas Nickel	<i>Thomas Nickel</i>	07/31/10