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September 15, 2010

North Carolina Department of Transportation Attn: Mr. Terry Fox, LG GeoEnvironmental Project Manager Geotechnical Engineering Unit 1589 Mail Service Center Raleigh, North Carolina 27699-1589



Re: Preliminary Site Assessment Addendum

Parcel #59A, D&G Properties of Wilmington, LLC

State Project: R-2633B WBS Element: 34491.1.2 County: Brunswick

Description: US 17 - Wilmington Bypass

CATLIN Project Number: 210050

Dear Mr. Fox:

The following is provided as an Addendum to the above-referenced Preliminary Site Assessment (PSA) following discussions with Mr. Bruce Parris, NCDENR Inactive Hazardous Sites Branch (IHSB) Western Regional Supervisor and Ms. Hanna Assefa, IHSB Toxicologist.

During the PSA investigation, samples were collected along a proposed drainage ditch which will cut through the southern portion of the Parcel 59A property. In addition, samples were collected in other locations across the site to screen for potential contaminants. Findings from the June 30, 2010 CATLIN Engineers and Scientists (CATLIN) PSA indicated arsenic was detected within or adjacent to the proposed drainage ditch excavation in two borings (DPT-07 and DPT-09) which exceeded the NCDENR IHSB Preliminary Health Based Remediation Goal (PSRG) of 4.4 milligrams/kilogram (mg/kg). DPT-07 contained 4.72 mg/kg arsenic and DPT-09 had 4.66 mg/kg. One additional soil sample (DPT-06) north of the proposed drainage exceeded the Preliminary Health Based PSRG with a concentration of 4.62 mg/kg.

Based on discussion with Hanna Assefa following report submittal, the average of the soil sample results collected from the proposed drainage ditch excavation can be compared to the IHSB Preliminary Health Based PSRG in lieu of individual samples.

Results from soil samples DPT-07 (4.72 mg/kg), DPT-08 (0.809J mg/kg), DPT-09 (4.66 mg/kg) and DPT-10 (1.40 mg/kg) provide an average arsenic concentration of 2.897 mg/kg, which does not exceed the Preliminary Health Based PSRG of 4.4 mg/kg. Accordingly, it appears that stockpiling and composite sampling of excavated soils is not required during construction activities.

If you have any questions, please do not hesitate to call me at (910) 452-5861.

Sincerely,

G. Richard Garrett, P.G.

Project Manager

cc: Mr. Cyrus Parker, NCDOT GeoEnvironmental Supervisor

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