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NORTH CAROLINA
Environmental Quality

February 12, 2019

TO: UST Staff & NC Environmental Service Providers

FROM: William F. Hunneke, Trust Fund Branch Head WFH
Scott Bullock, Corrective Action Branch Head SSB

THROUGH: Z. Vance Jackson, Jr., UST Section Chief ZVJ

RE: **ANALYTICAL RATE FOR TPH SCREENING USING VARIABLE WAVE LENGTH ULTRAVIOLET FLUORESCENCE (UVF).**

In accordance with Session Law 2015-241, Section 14.19, "The Department of Environment and Natural Resources shall review and revise its procedures and rate tables for reimbursement of soil assessment activities. These revisions shall permit the use of Ultra Violet Fluorescence (UVF) and other appropriate test methods as alternatives to US EPA Method 8015 for soil assessment and petroleum contamination delineation activities, where the alternative would:

(i) not violate federal law or regulations;
(ii) provide equivalent accuracy and quality of results, and;
(iii) result in appreciable cost savings.

Nothing in this memorandum is intended to forbid the use of US EPA Method 8015 where other methods would not be appropriate under the criteria stated above.

Additionally:

(i) After review of the varying methodologies, the Department is establishing a $45 per sample rate for approved waste characterization soil samples utilizing the UVF technology employing multiple wavelengths calibrated on a multi-point calibration curve.
(ii) This price does not apply to fixed wavelength, handheld screening tools such as the Photoionization Detectors (PIDs).
(iii) For sites at which soils are being screened using the traditional EPA Method 8015, the analytical cost has already been incorporated into the per ton soil disposal rate.
(iv) When a sub-contracted third party not affiliated with the primary contractor or responsible party is being utilized to provide the above-mentioned sampling, a mobilization rate of $250 may be applied by that sub-contracted third party.

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