



## NJDEP Evaluation of Extractable Petroleum Hydrocarbons in Soil Technical Guidance

In June 2019, NJDEP issued the Evaluation of *Extractable Petroleum Hydrocarbons in Soil Technical Guidance (Version 1.0, June 2019)*. Based on this guide, Alpha Analytical has revised our EPH Category 2 Fractionation level to 2,300 mg/kg (previously 1,700 mg/kg) for petroleum hydrocarbon mixtures, (except for No. 2 fuel oil and/or diesel fuel which is not fractionated).

Alpha Analytical also provides Grain Size determination as Sieve Analysis by ASTM D6913 / D6913M-17, or Sieve Analysis with Hydrometer by ASTM D7928-17, with results reported with both sieve size values and the D10 value.

For more information refer to: [https://www.nj.gov/dep/srp/guidance/#eph\\_soil](https://www.nj.gov/dep/srp/guidance/#eph_soil)

Soil samples for EPH analysis should be collected in 4-oz wide-mouth jar and chilled at  $4\pm 2^{\circ}\text{C}$ , for extraction within 14-days of collection, and analysis within 40 days of extraction. Soil samples for grain size analysis should be collected, in areas free from petroleum hydrocarbon contamination, in Quart sized Ziploc bags, with no need to cool, and no method-defined hold times.

Alpha Analytical is a growing, financially secure, privately held company. Alpha Analytical was founded in 1985 with an absolute commitment to data integrity and the industry's highest ethical and professional standards. Alpha Analytical is the 6th largest family-owned environmental testing laboratory in the country with more than 50,000 square feet of state-of-the-art laboratory facilities and a reputation of quality and reliability for over 30 years. Alpha Analytical is focused providing responsive customer-focused service ranging from our service center teams, to our experienced project managers, to our expanding network of couriers, to our technical staff who can assist with you in setting up your project to meet applicable regulatory requirements.

Please contact your Alpha Analytical Project Manager or Account Representative for more information.

Visit us on the web at: [www.alphalab.com](http://www.alphalab.com)

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