

To:

Date:

State Historic Preservation Officer

This form has been compiled to request your guidance regarding compliance with 54 USC § 306108 for a proposed research project being planned in collaboration with the Pacific Northwest National Laboratory (PNNL).

The investigator has submitted an application to the Molecular Observation Network (MONet) for molecular analysis of soils to be collected in your state. Through the MONet project, PNNL provides external applicants with prepared soil sampling kits that include all the tools and materials needed for applicants to gather soil data. Sampling kit materials are procured, packaged, and shipped by PNNL using federal funds from the U.S. Department of Energy. Field activities include taking soil temperature, moisture, and electrical conductivity measurements using a sensor, collecting soil samples using a slide hammer, and measuring water infiltration using infiltration rings. Soil sampling involves the collection of two 7.6 cm by 30 cm cores and four 5 cm by 10 cm cores at each sample location. MONet processes the soil cores and provides the resultant data to the applicant and ingests it into a new, publicly-accessible database of molecular and microscale soil parameters from across the United States. Your input will be used by PNNL to screen applications to participate in the MONet project. If an application is approved, any formal consultation required per 36 CFR 800 will be conducted by the U.S. Department of Energy.

Investigator/Applicant Name:

Investigator/Applicant Institution:

Research proposal:

Sample location information table:

