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MONITORING WELL SOIL SAMPLING

This posting is intended to clarify the DNR's requirements for soil screening and collecting a soil sample from borings converted into monitoring wells, including replacement monitoring wells.

Pursuant to 567 IAC 135.9(1)f, "The objective of soil sampling is to identify the maximum concentrations of soil contamination in the vadose and saturated zones and to identify sources of releases. The same principles stated above apply to soil sampling. Soil samples must be taken from borings with the greatest field screening levels even if the boring will not be converted to a monitoring well. At a minimum, soil and groundwater samples must be collected for analysis from all borings which are converted to monitoring wells."

This requirement for soil sampling applies to all monitoring wells, including replacement wells, installed at LUST sites. Soil screening must be conducted and soil samples collected even if other soil samples have been collected for analysis from wells/boreholes within five feet. If the Certified Groundwater Professional determines collecting a soil sample for laboratory analysis is not necessary at a particular monitoring well, adequate justification must be included in the submittal.