

INTERNAL ADEQ USE ONLY

Quality Assurance Checklist for Soil Gas Sampling

- | Yes | No | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Has there been a significant rain or snow recent to the sampling event?
Date _____; Amount of precipitate _____ inches. |
| <input type="checkbox"/> | <input type="checkbox"/> | Is condensation evident in the sampling train or container? |
| <input type="checkbox"/> | <input type="checkbox"/> | Was soil sample collected and analyzed for volumetric moisture content?
If so, provide results. If not, apparent moisture content is dry/ moist/
saturated (pick one). |
| <input type="checkbox"/> | <input type="checkbox"/> | Ambient temperature at time of sampling _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Depth of sample collection _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Soil type encountered at sample location _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Is sample collected beneath surface cover? parking lot/ sidewalk/ road/
building/other, describe _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Is sample collected near a subsurface conduit?
Describe _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Was high vacuum reading noted prior to sample collection?
Pressure _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Was leak detector agent used? Chemical _____
Locations applied _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Type of probe installed: permanent/ temporary (circle one) |
| <input type="checkbox"/> | <input type="checkbox"/> | Identify equipment and method used to install probe and collect
sample _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Type of tubing used _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Is SOP manufacturer/user generated? Attach SOP. |
| <input type="checkbox"/> | <input type="checkbox"/> | Was silanized canister/ tedlar bag/ gas-tight syringe used to collect sample?
Size _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Purge volume _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | Flow rate _____ |

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- What was the equilibration time between probe installation and withdraw of any soil vapor? _____
- Sample storage/shipping temperature _____
- Sample storage/shipping container _____
- Sample transportation mode(s) _____
- Was an equipment blank taken?
- Was a field blank taken?
- Was a background sample taken?
- Are there any potential VOC sources other than the release nearby?
Groundwater/active fueling station/dry cleaners/dry wells
Other, describe _____

DRAFT