



Quality Assurance Checklist for Soil Gas Sampling

- Yes No 1. Has there been a significant rain or snow recent to the sampling event? Date ____ ; Amount of precipitate ____ inches.
- Yes No 2. Is condensation evident in the sampling train or container?
- Yes No 3. Was soil sample collected and analyzed for volumetric moisture content? If so, provide results. If not, apparent moisture content is dry/moist/saturated (circle one).
- Yes No 4. Ambient temperature at time of sampling: _____
- Yes No 5. Depth of sample collection: _____
- Yes No 6. Soil type encountered at sample location: _____
- Yes No 7. Is sample collected beneath surface cover? Parking lot/sidewalk/road/building/other (circle one): describe _____
- Yes No 8. Is sample collected near a subsurface conduit? Describe: _____
- Yes No 9. Was high vacuum reading noted prior to sample collection? Pressure: _____
- Yes No 10. Was leak detector agent used? Chemical: _____
- Yes No 11. Type of probe installed: permanent/temporary (circle one)
- Yes No 12. Identify equipment and method used to install probe and collect sample: _____
- Yes No 13. Type of tubing used: _____
- Yes No 14. Is SOP manufacturer/user generated? Attach SOP.
- Yes No 15. Was silanized canister/tedlar bag/gas-tight syringe used to collect sample? Size: _____
- Yes No 16. Purge volume: _____
- Yes No 17. Flow rate: _____
- Yes No 18. What was the equilibration time between probe installation and withdraw of any soil vapor? _____
- Yes No 19. Sample storage/shipping temperature: _____
- Yes No 20. Sample storage/shipping container: _____
- Yes No 21. Sample transportation mode(s): _____
- Yes No 22. Was an equipment blank taken?
- Yes No 23. Was a field blank taken?
- Yes No 24. Was a background sample taken?
- Yes No 25. Are there any potential VOC sources other than the release nearby? Groundwater/active fueling station/dry cleaners/drywells/other (circle one). Describe _____