

Sampling Protocol at Former Orchards

Collect 1 composite sample from each acre. Each composite sample should be blended from a minimum of 12 discrete samples from 2-6 inches below grade. Avoid cross contamination between acres.

Have each sample analyzed for:

- Lead
- Arsenic
- Aldrin
- Dieldrin
- DDT
- DDE
- DDD

Submit the following report to my attention:

- Location identification (i.e., development name). Include municipality and county.
- A narrative explaining how the samples were collected.
- A table showing the sample results.
- Copies of the laboratory analysis.
- Map(s) showing where the samples were collected and where the site is located (i.e., a topographic map).
- Contact information, including:
 - Who to call with questions about the sampling.
 - Who to send comments to.
 - Name and contact information for the county conservation district.

Upon report review, the following could happen:

- Sample results show no impact or are low enough not to harm human health and the environment = general NPDES permit.
- Sample results are slightly elevated and soil blending during normal earth moving activities should remedy the problem = individual NPDES permit with special conditions to collect 2 composite samples per lot (one from the front yard and one from the back yard).
- Sample results are high enough that further delineation may be necessary and/or soil removal needs to occur. A remediation plan will need to be submitted for approval prior to obtaining an individual NPDES permit.

Questions? Contact:

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