

Sample Alteration Form

Project Name and Number: Phase 3 Yakima Valley Nitrate Study

Material to be Sampled: soil/solid samples

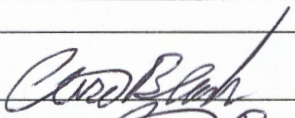
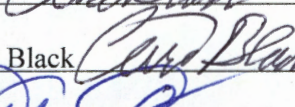
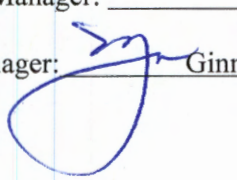
Measurement Parameter: Ammonia Solid, Nitrate-N/Total Solids, and Total Percent Solids

Standard Procedure for Field Collection & Laboratory Analysis (cite reference):
Table 18 discrepancies: Cascade Laboratory also analyzed soil/solid samples for Ammonia Solid by Standard Method 4500-NH3, Nitrate-N/Total Solid by Standard Method 4500-NO3, and Total Percent Solids by Standard Method 2540-B.

Reason for Change in Field Procedure or Analysis Variation:
Table 18 in the QAPP should have included the analysis of soil/solid samples for Ammonia Solid by Standard Method 4500-NH3, Nitrate-N/Total solid by Standard Method 4500-NO3, and Total Percent Solids by Standard Method 2540-B to be conducted by Cascade Laboratory.

Variation from Field or Analytical Procedure:
No variation in field procedure. No variation the analytical procedure

Special Equipment, Materials or Personnel Required: None.

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Project Manager: Curt Black  Date: 7-26-2012
QA Manager:  Ginna Grepo-Grove Date: 08-01-12