

Sample Alteration Form

Project Name and Number: Phase 3 Yakima Valley Nitrate Study

Material to be Sampled: solids and liquids

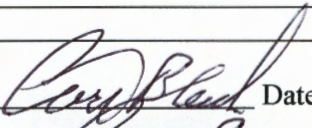
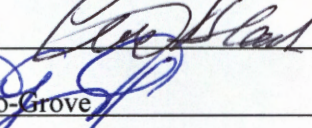
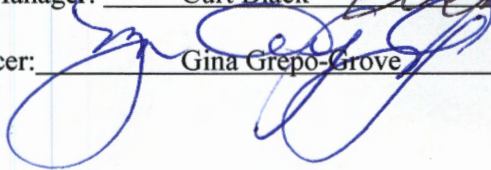
Measurement Parameter: Cascade Analytical analyses: Total Nitrogen by Combustion and Extractable NO3/NH4

Standard Procedure for Field Collection & Laboratory Analysis (cite reference):
The matrix spike (bias) limits listed in Table 18 should be 80-120% (not 85-115%).

Reason for Change in Field Procedure or Analysis Variation:
The matrix spike limits were identified incorrectly in the QAPP

Variation from Field or Analytical Procedure: None.

Special Equipment, Materials or Personnel Required:

Initiators Name: Curt Black  Date: 8-1-2012
Project Manager: Curt Black  Date: 8-1-2012
QA Officer:  Gina Grepo-Grove Date: 08-07-12