

**Sample Alteration Form**

Project Name and Number: Phase 3 Yakima Valley Nitrate Study

Material to be Sampled: transfer blank

Measurement Parameter: All parameters excluding age dating and isotopic analysis.

Standard Procedure for Field Collection & Laboratory Analysis (cite reference):  
Section 5.0 of the QAPP stated that,

“Transfer blanks will be incorporated into the sample schedule at a rate of approximately 5% or once per sample location type. Transfer blanks will consist of sterile, analyte free water which will be poured from a laboratory supplied storage container into a designated sample container during the regular collection of field samples while on-site. The data generated from these blanks will be used to establish a set of empirical data supporting the adequacy of the sample collection and analytical processes in minimizing the contamination of samples. Transfer blanks will be used primarily for the water samples submitted to MEL in addition to nitrate and coliform drinking water analyses sampled from domestic groundwater wells.”

Reason for Change in Field Procedure or Analysis Variation:

Field team leader thought that transfer blanks were only required to be submitted for bacterial analysis.

Variation from Field or Analytical Procedure:

Two transfer blanks were collected and submitted to Manchester Environmental Laboratory for bacterial analysis only.

Special Equipment, Materials or Personnel Required:

None

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