



## ecology and environment, inc.

Global Environmental Specialists

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March 1, 2011

Jeff Fowlow, On-Scene Coordinator

United States Environmental Protection Agency, Region 10

1200 Sixth Avenue, ECL-116

Seattle, Washington 98102

RE: Contract No. EP-S7-06-02; Technical Direction Document No. 10-09-0009  
Sampling Plan Alteration Form, October 2010  
Stubblefield Salvage Yard Site, Walla Walla, Washington

Dear Mr. Fowlow:

Enclosed please find the final Sampling Plan Alteration Form for the October 2010 sampling event at the Stubblefield Salvage Yard Site. If you have any further questions or comments, please contact me at (206) 920-1739 or Jake Moersen at (206) 624-9537.

Sincerely,

ECOLOGY AND ENVIRONMENT, INC.

Steve Hall

START-3 Project Leader

enclosure

cc: Kathy Parker, EPA, Quality Assurance Coordinator, Seattle, WA  
Jake Moersen, START-3 Project Manager, Seattle, WA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10  
1200 Sixth Avenue, Suite 900  
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OFFICE OF ENVIRONMENTAL CLEANUP  
EMERGENCY RESPONSE UNIT

## Site Specific Sampling Plan Alteration Form

Project Name: Stubblefield Salvage Yard

Site ID: 10HD

Author: Jake Moersen

Company: E & E Inc

Date Completed: February 28, 2010

Changes from Final SSSP (include rationale, decision area, matrices, parameters, equipment, personnel, etc.):

The purpose of this alteration to the Site Specific Sampling Plan (SSSP) for the Stubblefield Salvage Yard Monitoring Well Installation (dated March 12, 2010) was to accommodate a follow-up groundwater sampling event at the site.

EPA and START returned to the site on October 7, 2010, to collect four groundwater samples, one from each of the four monitoring wells, plus associated quality assurance/quality control samples (QA/QC) using the low flow method as described in the SSSP. The samples were collected in accordance with the sample collection information presented in Tables 1 and 2 of the original SSSP. The samples were submitted to OnSite Environmental, Inc. of Redmond, Washington, for TAL metals, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and NWTPH gasoline range (GX) and diesel range (DX) analyses.

Approvals of SSSP Alteration Form		
Name	Title	Signature
Jeff Fowlow	On-Scene Coordinator (OSC)	
Kathy Parker	Emergency Response Unit (ERU) Quality Assurance Coordinator (QAC) or alternate	

**Table 1**  
**SAMPLE CODING**

**Project Name** Stubblefield Salvage Yard Monitoring Well Installation (October 2010)  
**Site ID:**10HD

***SAMPLE NUMBER***

<b>Digits</b>	<b>Description</b>	<b>Code (Example)</b>
1,2,3,4	Year and Month Code	YYMM (1010)
5,6,7,8	Consecutive Sample Number (grouped by SA as appropriate)	0001 – First sample of SA

**Table 2. Sampling and Analysis**

<b>Data Quality</b>	<b>Sampling Area</b>	<b>Matrix</b>	<b>Sampling Pattern</b>	<b>Sample Type</b>	<b>Data Quality</b>	<b>Number of Field Samples</b>	<b>Analyte or Parameter</b>	<b>EPA Method Number</b>	<b>Action Level</b>	<b>Method Quant. Limit</b>	<b>#/type of Sample Containers per Sample</b>	<b>Preservative</b>	<b>Hold Time</b>	<b>Field QC</b>
Lab Analysis	Source Area	Water	Targeted	Grab	Definitive	4	TAL Metals	200.8/6010/7470	See Tables in SSSP	0.5 ug/L	1x1-Liter polyethylene container	Nitric Acid pH < 2	6 months (28 days for mercury)	
Lab Analysis	Source Area	Water	Targeted	Grab	Definitive	4	Gasoline Range TPHs	NWTP H-Gx	800 ug/L	100 ug/L	2x40 mL VOA vials	HCl pH < 2	6 months (28 days for mercury)	
Lab Analysis	Source Area	Water	Targeted	Grab	Definitive	4	PCBs	8082	See Tables in SSSP	0.05 ug/L	2x32 ounce glass bottles	None	7 days/40 days	
Lab Analysis	Source Area	Water	Targeted	Grab	Definitive	4	SVOCs	8270	See Tables in SSSP	0.2 ug/L	2x32 ounce glass bottles	None	14 days/40 days	
Lab Analysis	Source Area	Water	Targeted	Grab	Definitive	4	VOCs	8270	See attached table	0.1 ug/L	2x40 mL VOA vials	HN03 to pH < 2	6 months (28 days for mercury)	

**Note:**

For matrix spike and/or duplicate samples, no extra volume is required for air (unless co-located samples are collected), oil, product, or soil samples except soil VOC or NWTPH-Gx samples (triple volume).

Triple volume is also required for organic water samples (double volume for inorganic).

Trip blanks are required for VOCs and NWTPH.