DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab Site Investigation

Project No./Task No.: 53F0074212.02 **Date:** 9/6/01

Samples Collected/Requested Analyses:

SS-008-01 + rinsate SS-008-01 } (ditch, culvert S of Graham Rd)
SS-008-05 + ms/msd
SS-007-01 } former oil storage building
SS-007-05
SS-006-01 } drainplug, hazardous waste
SS-006-05 } storage building
SS-004-03 } former excavation
SS-004-09 } (native material & g.w.)
SS-003-01 } freeze-thaw drain
SS-003-05
SS-030-10 } North of drywell location
SS-031-10 } #SS-12 (PID = 0 for both)

all samples collected today will be analyzed for VOCs, SVOCs, Pesticides & PCBs, metals including strontium & uranium, and cyanide

Field Audit Results/Government Personnel Instructions:

- Additional sample locations 10' downgradient of drywell
- City of Troutdale gave verbal permission to pump sump water into city sanitary sewer

Problems Encountered/Corrective Actions Taken:

Sample locations SS-6 & SS-3 noted in mgmt. plan are reversed in field

By Janette Rau (Signature/Printed Name) Title URS PM

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab Site Invest. Trautdale, OK

Project No./Task No.: 53F0074212.02

Date	9/7/01						
Day	S	M	T	W	TH	F	S

Weather	Bright Sun	Clear	Overcast	Rain	Snow
Temp	To 32	32–50	50–70	70–85	85 up
Wind	Still	Mod.	High	Report No.	
Humidity	Dry	Mod.	Humid		

Subcontractors on Site:
URS - Janette Rau & Andy Zabel
GeoTech Explorations - Terry Jax

Equipment on Site:
Geoprobe rig & support trailer

Description of Work Performed:
Geoprobe soil sampling:
background (2 locations)
fuel oil tank vault

Delivered samples from 9/5/01, 9/6/01, & 9/7/01 to laboratory.

Attached Forms:
field notes
Chain of custody (3)

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab Site Investigation

Project No./Task No.: 53F0074212.02 **Date:** 9/7/01

Samples Collected/Requested Analyses:

SS-021-04 (plus MS/MSD for NW-TPHDx) } tank vault
SS-321-04 (duplicate for NW-TPH-Dx)
- These above samples analyzed for VOCs, SVOCs, NWTPH-Dx

SS-032-01 } Background at SW portion of site,
SS-032-04 } analyzed for VOCs, SVOCs, pesticides & PCBs, metals (+ strontium & uranium), cyanide

SS-002-01 > Background for ditch in landfill, analyzed for VOCs, SVOCs, pesticides & PCBs, metals (+ Str. & uran), cyanide

Field Audit Results/Government Personnel Instructions:

Marie Brouwer instructed us to sample soil for VOC analysis sooner after core liner cut open & sample exposed

Problems Encountered/Corrective Actions Taken:

By Janette Rau (Signature/Printed Name) Title URS PM

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DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name:
Former NPD Lab SI Troutdale, OR
Project No./Task No.:
53F0074212.02

Date	9/10/01					
Day	S	(M)	T	W	TH	F	S

Weather	(Bright Sun)	Clear	Overcast	Rain	Snow
Temp	To 32	32–50	50–70	(70–85)	85 up
Wind	(Still)	Mod.	High	Report No.	
Humidity	Dry	(Mod.)	Humid		

Subcontractors on Site:

~~EOF~~ Anderson Environmental (Excavator)

Equipment on Site:

CAT 312B excavator on tracks with small bucket and large bucket with thumbs.
- trailer with potable water & hot water pressure washer

Description of Work Performed:

- Hand sampling at four locations at transformer pad
- Brush clearing at landfill
- Excavation and sampling at trench TR-1 located at NE portion of landfill.
  - removed 2 drums from excavation & staged near landfill

~~Complete SAR~~

Attached Forms:

Field notes (4 pages)
Trench log (1 page)

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab SI

Project No./Task No.: 53F0074212.02 **Date:** 9/10/01

Samples Collected/Requested Analyses:

SS-026-07
SS-026-04
SS-026-05 → beneath oily drum (+TPH)
} Trench TR-1, VOCs, SVOCs, Pesticides, PCBs, metals + strontium/uranium, cyanide

SS-017-01
SS-018-01
SS-019-01
SS-020-01
} Transformer area, PCBs only + duplicate (SS-319-01)

Field Audit Results/Government Personnel Instructions:

- Collect additional soil sample beneath oily drum in trench TR-1

Problems Encountered/Corrective Actions Taken:

Unable to safely collect soil samples from trench except by using excavator bucket.

By (Signature/Printed Name) Janette Ray Title URS PM

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name:	Date	9/11/01					
USACE Former NPD Lab SI, Troutdale, OR	Day	S	M	(T)	W	TH	F	S

Project No./Task No.:	Weather	(Bright Sun)	Clear	Overcast	Rain	Snow
53F0074212.02	Temp	To 32	32–50	50–70	(70–85)	85 up
	Wind	(Still)	Mod.	High	Report No.	
	Humidity	(Dry)	Mod.	Humid		

Subcontractors on Site:

- Anderson Environmental (excavator)
- Geotech Explorations (geoprobe)
- URS - Janette Rau & Andy Zabel & Steve Wesley

Equipment on Site:

- Excavator plus support trailer with hot water washer
- Geoprobe rig

Description of Work Performed:

- Complete trenches TR-2 (NW portion of landfill) and TR-3 (S portion of landfill), including sampling fill material and native material
  - no drums encountered in either trench but several sample containers uncovered in TR-3
- Stage all visible drums at SE corner of landfill
  - approx. 20 drums staged
- Install microwells MC-1 through MC-5
  - 20' bgs: 15' screen, 5' riser

Attached Forms:

field notes (4 pages)
trench logs (2 pages)

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: USACE Former NPD Lab SI, Troutdale, OR

Project No./Task No.: 53F0074212.02 **Date:** 9/11/01

Samples Collected/Requested Analyses:

SS-027-04 (+ duplicate SS327-04) } TR-2
SS-027-13
SS-028-05 } TR-3
SS-028-11 (+ rinseblank SS-1628-11) → + MS/MSD
SS-001-12 } background near MW-1, SE corner of site

All samples collected today will be analyzed for VOCs, SVOCs, Pesticides, PCBs, metals (+ strontium & uranium), cyanide
SS-028-05, SS-028-11 & SS-1628-11 also to be analyzed for NWTPH-Dx.

Field Audit Results/Government Personnel Instructions:

- Add TPH analysis to 2 samples collected from TR-3.

Problems Encountered/Corrective Actions Taken:

- Unable to collect Umatilla soil samples due to insufficient # of sampling containers - will collect on Friday

By [signature] Janette Rau (Signature/Printed Name) Title UES PM

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DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name:	
Former NPD Lab SI Troutdale OR	
Project No./Task No.:	
53F0074212.02	

Date	9/12/01						
Day	S	M	T	W	TH	F	S

Weather	Bright Sun	Clear	Overcast	Rain	Snow
Temp	To 32	32–50	50–70	70–85	85 up
Wind	Still	Mod.	High	Report No.	
Humidity	Dry	Mod.	Humid		

Subcontractors on Site:
Anderson Environmental (Excavator)
Olson Engineering (Surveyors)
URS: Jeanette Rau & Andy Zabel

Equipment on Site:
Excavator & support trailer with pressure washer

Description of Work Performed:

- Complete trenching in landfill: TR-4 in SW portion of landfill and TR-5 at location of soil staining & containers in E portion
- Collect final surface soil sample in drainage ditch: SS-5 in ditch E of landfill.
- Begin collecting Umatilla samples: US-001 from bucket 2/2 of 94BH2A, and US-002 from bucket 1/2 of 94BH4B
- Survey all sampling locations

Attached Forms:
Field notes (3)
Trench logs (2)

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: USACE Former UPD Lab Site Investigation

Project No./Task No.: 53F0074212.02 **Date:** 9/12/01

Samples Collected/Requested Analyses:

SS-029-05 } TR-4 (VOCs, SVOCs, Pest, PCBs, metals (+S/U), cyanide)
SS-029-10 }

SS-033-01 } TR-5 (same as above + TPH)
SS-033-04 }

SS-005-01 } ditch east of landfill (VOCs, SVOCs, Pest, PCBs, metals + S/U, cyanide)

US-001 } Umatilla soil, SVOCs, Pest, PCBs, metals (+S/U), explosives, agents breakdown products
US-002 }

Field Audit Results/Government Personnel Instructions:

- Collect surface & native material from area of gas cans & other containers at east edge of landfill (Trench T-5).
- Collect 2 discreet and 2 composite samples from Umatilla buckets due to nature of material (cobbles in some)

Problems Encountered/Corrective Actions Taken:

- Attempting to get QED pump controller for gw sampling this week (the one we were expecting to be delivered on Tues. has been diverted) & is unable to be located (due to terrorist attacks on country).

By Janette Rau (Signature/Printed Name) Title URS PM

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name:
USACE Former NPD Lab SI
Troutdale, OR

Project No./Task No.:
53F0074212.02

Date	9/13/01						
Day	S	M	T	W	(TH)	F	S

Weather	(Bright Sun)	Clear	Overcast	Rain	Snow
Temp	To 32	32–50	50–70	(70–85)	85 up
Wind	(Still)	Mod.	High	Report No.	
Humidity	(Dry)	Mod.	Humid		

Subcontractors on Site:
URS - Janette Rau & Andy Zabel.

Equipment on Site:
none

Description of Work Performed:
~~Begin~~ Continue sampling of Umatilla soil

Develop microwells using peristaltic pump, low flow method; measured pH, temp, specific conductance, DO, ORP, turbidity with flow-through cell.

Attached Forms:
Field notes (2)