E & E

memo

AA-15

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Date: January 16, 1987

To: John Osborn, FIT RPO, USEPA, Region X

For: Lori Cohen, USEPA, Region X

Thru: David Boecker, FIT-OM, E&E, Seattle

From: Andrew Haffenty, Project Manager, E&E, Seattle

Subj: Drum Disposal - Resource Recovery
Pasco, Washington

Ref: F10-8611-03

cc: Thomas Tobin, E&E, Seattle

USEPA SF
1426477

The site investigation of Resource Recovery during July and August of 1985 resulted in creation of ~~numerous~~ over one hundred drums of investigation derived wastes. These wastes consist of soil drill cuttings, small quantities of disposable safety clothing, and monitoring well development/purge water. The EPA utilized their Contract Laboratory Program and the Region X EPA Laboratory to conduct analyses of both soil and groundwater samples collected during the site inspection. Samples were

tested for elements and organic compounds on the EPA Hazardous Substance List; ~~and~~ with selected samples ~~were~~ analyzed for phenoxy herbicides.

Potentially hazardous materials were found in the shallow soil (10-30 feet) collected at EE-3:

phthalates	< 5 mg/Kg* ~~soil~~
polycyclic aromatic hydrocarbons	< 9 mg/Kg
PCBs	< 5 mg/Kg

* parts per million in ~~Kg~~ soil

Potentially hazardous material was found in groundwater collected from monitoring wells EE-2, EE-3, and JUB-2:

Concentrations of trichloroethylene and/or tetrachloroethylene ~~trichloroethylene~~ exceeded Federal Drinking Water Guideline Highest Safe Levels in these samples:

	EE-2	EE-3	JUB-2
trichloroethylene	65 µg/l**	480 µg/l	164 µg/l
tetrachloroethylene	32 µg/l	5U***	5U