EPA Region 10 Laboratory

Analyses Required

METALS

Project Name: Seattle Iron & Metals Project Code: TEC 263A Account Code: AFEB3A

Matrix Codes *(circle one only)*

10 Water-Total
11 Water-Dissolved
40 Sediment/Soil
45 Semi-Solid/Sludge
46 Sediment for EP Toxicity
70 Tissue
80 Oil/Solvent
00 Other

Metals *(circle WG #)*
Workgroup 30 - Standard Method
Workgroup 34 - EP Toxicity Method

		Sample Numbers																		Analy/Comp Init/Date
		85500501	85500502	85500503																
Aluminum	Al																			
Antimony	Sb																			
Arsenic	As	X	X	X																
Barium	Ba	X	X	X																
Beryllium	Be																			
Boron	B																			
Cadmium	Cd	X	X	X																
Calcium	Ca																			
Chromium	Cr	X	X	X																
Chromium Hexavalent	Cr+6																			
Cobalt	Co																			
Copper	Cu																			
Iron	Fe																			
Lead	Pb	X	X	X																
Magnesium	Mg																			
Manganese	Mn																			
Mercury	Hg	X	X	X																
Molybdenum	Mo																			
Nickel	Ni																			
Potassium	K																			
Selenium	Se	X	X	X																
Silver	Ag	X	X	X																
Silicon	Si																			
Sodium	Na																			
Thallium	Tl																			
Vanadium	V																			
Zinc	Zn																			

Save samples after analysis? **NONE, SOME** or **ALL.** *(If SOME, circle sample numbers.)*

Special limits, methods and comments:

Daniel R. Tangmore
Project Officer Signature

12/10/85
Date

EPA X-92 **Project Officer Copy**

Metal workgroups and standard parameters:

WG 30

Priority Pollutant	(Sb As Be Cd Cr Cu Pb Hg Ni Se Ag Tl Zn)
Drinking Water	(As Ba Cd Cr Pb Hg Se Ag)
Acid Rain	(As Ca Pb Mg K Na)
Hazardous Waste	(Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Hg Ni Se Ag Na Tl Sn V Zn)

WG 34

EP Toxicity	(As Ba Cd Cr Pb Hg Se Ag)

Sample volumes and containers required for certain analyses are shown below. This information is intended as a guide only. It is recommended that the Laboratory be contacted when determining the proper sample containers.

Parameter & Matrix	**Size and Type of Container**
Cyanide - Water	1 quart cubitainer
Cyanide - Sediment	8 ounce glass
Phenols - Water	1 quart cubitainer
Phenols - Sediment	8 ounce glass
Metals - Water	1 quart cubitainer
Metals - Sediment	8 ounce glass