Table 2.2-11
RAO 8 PRG Derivation
Portland Harbor Superfund Site
Portland, Oregon

	RAO 8 **Reduce risks to ecological receptors from ingestion and direct contact with contaminants in groundwater by reducing the concentrations of COCs in pore water at the site to the proposed remediation goals.**			
	Pore Water			
COCs	**Units**	**TRV from BERA**	**ARAR**	**PRG**
Arsenic	µg/L	NA	NA	NA
Chromium	µg/L	NA	NA	NA
Lead	µg/L	0.54	NA	0.54
Manganese	µg/L	120	NA	120
Mercury	µg/L	NA	NA	NA
Vanadium	µg/L	20	NA	20
Zinc	µg/L	36.5	NA	36.5
Cyanide	µg/L	5.2	NA	5.2
Perchlorate	µg/L	9,300	NA	9,300
Benzene	µg/L	130	NA	130
Chlorobenzene	µg/L	64	NA	64
Chlordanes	µg/L	NA	NA	NA
Chloroform	µg/L	28	NA	28
Dioxins/Furans (2,3,7,8-TCDD Eq)	µg/L	NA	NA	NA
1,2-Dichlorobenzene	µg/L	14	NA	14
1,1-Dichloroethene	µg/L	25	NA	25
cis-1,2-Dichloroethene	µg/L	590	NA	590
DDE	µg/L	NA	NA	NA
DDx	µg/L	0.011	NA	0.011
2,4-D	µg/L	NA	NA	NA
Ethylbenzene	µg/L	7.3	NA	7.3
Hexachlorobenzene	µg/L	NA	NA	NA
gamma-Hexachlorocyclohexane	µg/L	NA	NA	NA
Pentachlorophenol	µg/L	NA	NA	NA
PCBs	µg/L	NA	NA	NA
Total PAHs	µg/L	Note 1	NA	Note 1
Total LPAHs	µg/L	12	NA	12
Total HPAHs	µg/L	0.014	NA	0.014
Tetrachloroethene	µg/L	NA	NA	NA
Toluene	µg/L	9.8	NA	9.8
TPH (C-10 to C-12 aliphatic)	µg/L	2.6	NA	2.6
TPH (C-10 to C-12 aromatic)	µg/L	2.6	NA	2.6
1,1,1- Trichloroethane	µg/L	NA	NA	NA
Trichloroethene	µg/L	47	NA	47
2,4,5-TP	µg/L	NA	NA	NA
Vinyl chloride	µg/L	NA	NA	NA
o-Xylene	µg/L	13	NA	13
m- and p-Xylene	µg/L	67	NA	67
Total Xylenes	µg/L	13	NA	13

Notes:

NA - Not available

1 - Anthracene = 0.73 ug/L; Benzo(a)anthracene = 0.027 ug/L; Benzo(a)pyrene = 0.014 ug/L; 2-methylnaphthalene = 2.1 ug/L; Naphthalene = 12 ug/L.