TABLE 1
SUMMARY OF CHEMICAL ANALYTICAL DATA RESULTS
FOR PETROLEUM HYDROCARBONS IN SOIL[1]
MONTESANO GROUNDWATER INVESTIGATION

Sample ID	Depth (ft)	NWTPH- Dx[2] Diesel (mg/kg)	NWTPH- Dx[2] Heavy Oil (mg/kg)	NWTPH- Gx[3] (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Total Xylene (mg/kg)
SP-01-1-11	11	10.0 UJ	25.0 UJ	4.52 UJ	0.0271 UJ	0.0452 UJ	0.0452 UJ	0.0905 UJ
SP-01-2-15	15	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-02-1-13	13	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-03-1-7	7	13.7 J	25.0 UJ	5.66 UJ	0.034 UJ	0.0566 UJ	0.0566 UJ	0.209 J
SP-03-2-9	9	13.2 J	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-04-1-7	7	10.0 UJ	25.0 UJ	5.90 UJ	0.0354 UJ	0.0590 UJ	0.0590 UJ	0.118 UJ
SP-04-2-11	11	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-05-1-11	11	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-06-1-16	16	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-07-1-14	14	10.0 UJ	25.0 UJ	17.7 J	0.03 UJ	0.0566 J	0.0500 UJ	0.113 J
SP-07-2-17	17	10.0 UJ	25.0 UJ	**176 J**	0.03 UJ	0.254 J	0.0500 UJ	0.586 J
SP-08-1-15	15	10.0 UJ	25.0 UJ	6.46 J	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-08-2-17	17	10.0 UJ	25.0 UJ	5.13 J	0.0262 UJ	0.0437 UJ	0.0437 UJ	0.0874 UJ
SP-09-1-15	15	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.187 J
SP-10-1-5	5	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-10-2-12	12	37 J	25.0 UJ	**1670 J**	**0.0461 J**	1.73 J	0.18 J	**46 DJ**
SP-10-3-15	15	37.8 J	25.0 UJ	**2,020 DJ**	**0.741 J**	**9.26 DJ**	0.0500 UJ	**26.8 DJ**
SP-11-1-13	13	10.0 UJ	25.0 UJ	4.49 UJ	0.0269 UJ	0.0449 UJ	0.0449 UJ	0.0898 UJ
SP-12-1-11	11	11.7 J	74.6 J	5.70 UJ	0.0342 UJ	0.057 UJ	0.057 UJ	0.114 UJ
SP-13-1-11	11	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-14-1-11	11	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-14-2-14	14	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-15-1-13	13	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.05 UJ	0.10 UJ

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Sample ID	Depth (ft)	NWTPH- Dx[2] Diesel (mg/kg)	NWTPH- Dx[2] Heavy Oil (mg/kg)	NWTPH- Gx[3] (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Total Xylene (mg/kg)
SP-15-2-17	17	10.0 UJ	25.0 UJ	7.28 UJ	**0.288 J**	0.0728 UJ	0.483 J	0.187 J
SP-15-2-DUP	17	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-16-1-11	11	10.0 UJ	25.0 UJ	5.00 UJ	0.0521 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-16-2-13	13	10.0 UJ	25.0 UJ	6.44 UJ	0.0386 UJ	0.0644 UJ	0.0644 UJ	0.129 UJ
SP-17-1-10	10	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-18-1-15	15	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-18-2-17	17	10.0 UJ	25.0 UJ	6.25 UJ	0.0375 UJ	0.0625 UJ	0.0625 UJ	0.125 UJ
SP-19-1-13	13	10.0 UJ	25.0 UJ	5.00 UJ	0.0568 UJ	0.0500 UJ	0.158 J	0.121 J
SP-19-2-15	15	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-20-1-12	12	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-21-1-10	10	10.0 UJ	25.0 UJ	4.37 UJ	0.0262 UJ	0.0437 UJ	0.0437 UJ	0.0873 UJ
SP-21-2-11	11	10.0 UJ	25.0 UJ	4.16 UJ	0.0385 UJ	0.0416 UJ	0.0443 UJ	0.0833 UJ
SP-22-1-10	10	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-22-2-15	15	10.0 UJ	25.0 UJ	**35.3 J**	**0.42 J**	0.375 J	0.523 J	1.35 J
SP-23-1-23	23	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-24-1-10	10	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-24-2-13	13	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-25-1-11	11	45.7 J	25.0 UJ	**2,960 DJ**	**1.45 DJ**	**33.7 DJ**	2.97 DJ	**138 DJ**
SP-25-1-DUP	11	61 J	25.0 UJ	**4,040 DJ**	**2 DJ**	**42.1 DJ**	**3.75 DJ**	**169 DJ**
SP-25-2-13	13	126 J	25.0 UJ	**15,500 DJ**	**13.2 DJ**	**218 DJ**	**19.2 DJ**	**894 DJ**
SP-26-1-0	0	**3,320 DJ**	**15,60 DJ**	**373 J**	**0.102 J**	0.389 J	0.088 J	1.99 J
SP-26-2-10	10	243 J	25.0 UJ	**253 J**	**0.241 J**	0.0500 UJ	0.0500 UJ	0.135 J
SP-26-3-17	17	536 J	219 DJ	**12,800 DJ**	**20.9 DJ**	**161 DJ**	**41.1 DJ**	**793 DJ**
SP-27-1-15	15	10.0 UJ	25.0 UJ	**925 DJ**	**1.39 DJ**	**7.9 DJ**	**17.8 DJ**	**39.2 DJ**
SP-27-1-DUP	15	10.0 UJ	25.0 UJ	**352 J**	**0.597 J**	2.49 J	6 J	**12.3 J**
SP-28-1-14	14	10.0 UJ	25.0 UJ	19.3 J	**1.82 J**	0.413 J	2.39 J	1.98 J
SP-28-1-DUP	14	10.0 UJ	25.0 UJ	**70.6 DJ**	**6.15 DJ**	1.79 J	**7.49 DJ**	8.72 J
SP-29-1-13	13	10.0 UJ	25.0 UJ	**92.9 DJ**	**3.85 J**	1.99 J	**9.66 DJ**	**9.83 J**

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Boring and Sample ID	Depth (ft)	NWTPH- Dx[2] Diesel (mg/kg)	NWTPH- Dx[2] Heavy Oil (mg/kg)	NWTPH- Gx[3] (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Total Xylene (mg/kg)
SP-29-2-15	15	10.0 UJ	25.0 UJ	5.16 J	**0.377 J**	0.14 J	0.463 J	0.546 J
SP-30-1-10	10	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-31-1-13	13	672 DJ	125 UDJ	**128 J**	0.03 UJ	0.0500 UJ	0.0500 UJ	0.101 J
SP-31-2-15	15	10.0 UJ	25.0 UJ	5.00 UJ	0.03 UJ	0.0500 UJ	0.0500 UJ	0.100 UJ
SP-32-1-12.5	12.5	20.1	113	5.00 U	0.0300 U	0.0500 U	0.0500 U	0.100 U
SP-32-2-14.5	14.5	10.0 U	25.0 U	5.00 U	0.0300 U	0.0500 U	0.0500 U	0.100 U
MTCA[3] Method A Cleanup Level		2,000		100 [4]	0.03	6	7	9

Notes:

[1] Chemical analysis performed by North Creek Analytical of Bothell, Washington.

[2] Washington State Department of Ecology Method NWTPH-Dx with acid/silica gel cleanup.

[3] Model Toxics Control Act.

[4] 30mg/kg if benzene is present

mg/kg = milligrams per kilogram.

"U" = Not detected at the indicated reporting limit.

"J" = Result is estimated.

"D" = Result is from a diluted analysis.

Bold indicates that the detected concentration is greater than the MTCA Method A cleanup level.

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