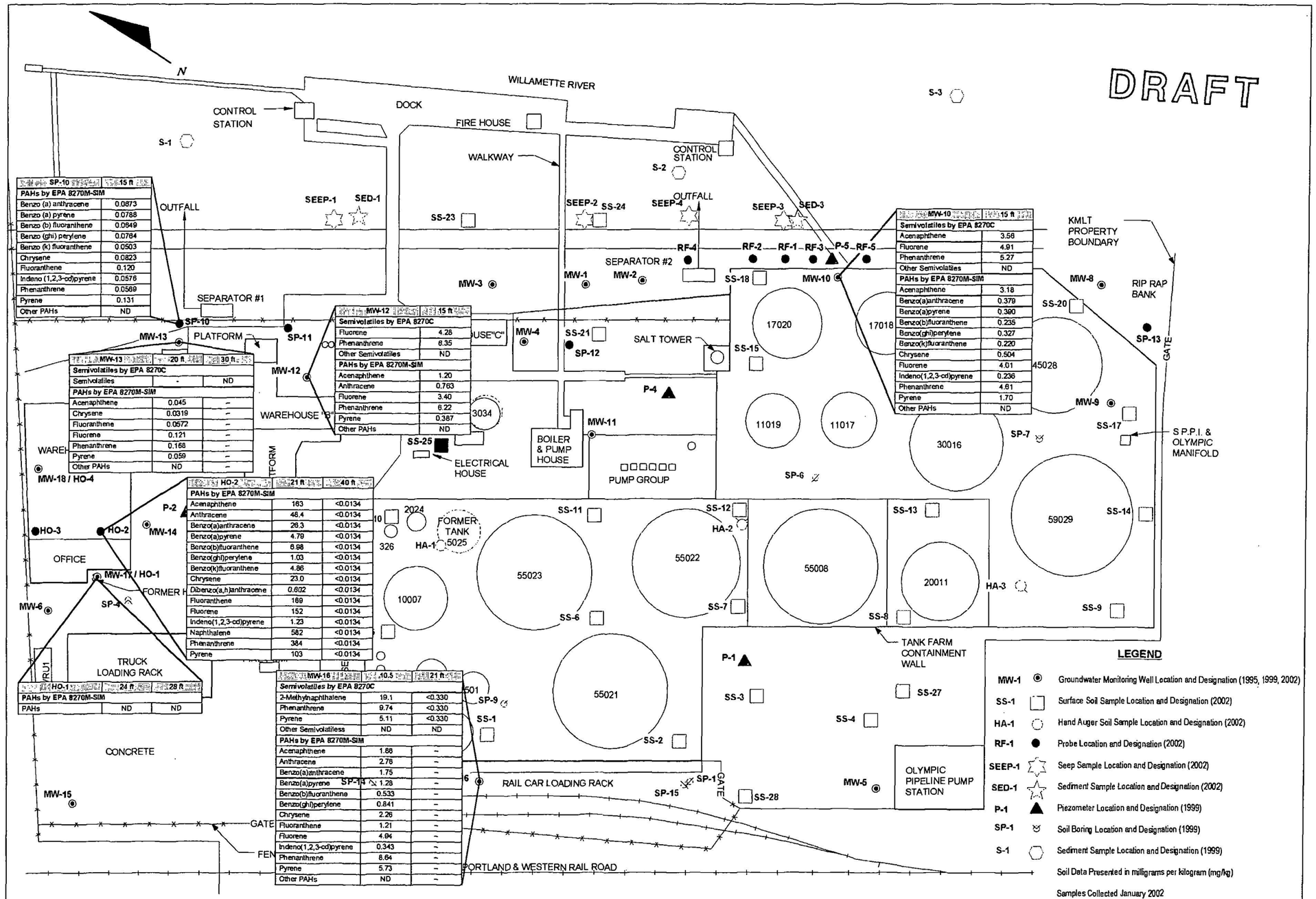
PORSF
11.3.18.1 V11



SP-10	15 ft
PAHs by EPA 8270M-SIM	
Benzo (a) anthracene	0.0873
Benzo (a) pyrene	0.0788
Benzo (b) fluoranthene	0.0849
Benzo (ghi) perylene	0.0764
Benzo (k) fluoranthene	0.0503
Chrysene	0.0823
Fluoranthene	0.120
Indeno (1,2,3-cd)pyrene	0.0576
Phenanthrene	0.0569
Pyrene	0.131
Other PAHs	ND

MW-13	20 ft.	30 ft.
Semivolatiles by EPA 8270C		
Semivolatiles	-	ND
PAHs by EPA 8270M-SIM		
Acenaphthene	0.045	–
Chrysene	0.0319	–
Fluoranthene	0.0572	–
Fluorene	0.121	–
Phenanthrene	0.168	–
Pyrene	0.059	–
Other PAHs	ND	–

MW-12	15 ft
Semivolatiles by EPA 8270C	
Fluorene	4.28
Phenanthrene	6.35
Other Semivolatiles	ND
PAHs by EPA 8270M-SIM	
Acenaphthene	1.20
Anthracene	0.763
Fluorene	3.40
Phenanthrene	6.22
Pyrene	0.387
Other PAHs	ND

MW-10	15 ft
Semivolatiles by EPA 8270C	
Acenaphthene	3.56
Fluorene	4.91
Phenanthrene	5.27
Other Semivolatiles	ND
PAHs by EPA 8270M-SIM	
Acenaphthene	3.18
Benzo(a)anthracene	0.379
Benzo(a)pyrene	0.390
Benzo(b)fluoranthene	0.235
Benzo(ghi)perylene	0.327
Benzo(k)fluoranthene	0.220
Chrysene	0.504
Fluorene	4.01
Indeno(1,2,3-cd)pyrene	0.236
Phenanthrene	4.61
Pyrene	1.70
Other PAHs	ND

HO-2	21 ft	40 ft
PAHs by EPA 8270M-SIM		
Acenaphthene	183	<0.0134
Anthracene	46.4	<0.0134
Benzo(a)anthracene	26.3	<0.0134
Benzo(a)pyrene	4.79	<0.0134
Benzo(b)fluoranthene	6.98	<0.0134
Benzo(ghi)perylene	1.03	<0.0134
Benzo(k)fluoranthene	4.86	<0.0134
Chrysene	23.0	<0.0134
Dibenzo(a,h)anthracene	0.602	<0.0134
Fluoranthene	169	<0.0134
Fluorene	152	<0.0134
Indeno(1,2,3-cd)pyrene	1.23	<0.0134
Naphthalene	582	<0.0134
Phenanthrene	384	<0.0134
Pyrene	103	<0.0134

HO-1	24 ft	28 ft
PAHs by EPA 8270M-SIM		
PAHs	ND	ND

MW-16	10.5 ft	21 ft
Semivolatiles by EPA 8270C		
2-Methylnaphthalene	19.1	<0.330
Phenanthrene	9.74	<0.330
Pyrene	5.11	<0.330
Other Semivolatiless	ND	ND
PAHs by EPA 8270M-SIM		
Acenaphthene	1.88	–
Anthracene	2.78	–
Benzo(a)anthracene	1.75	–
Benzo(a)pyrene	1.28	–
Benzo(b)fluoranthene	0.533	–
Benzo(ghi)perylene	0.841	–
Chrysene	2.26	–
Fluoranthene	1.21	–
Fluorene	4.94	–
Indeno(1,2,3-cd)pyrene	0.343	–
Phenanthrene	8.64	–
Pyrene	5.73	–
Other PAHs	ND	–

REV.	DESCRIPTION	DATE	BY

KHM
ENVIRONMENTAL MANAGEMENT INC.

DESIGNED BY
DRAWN BY
CHECKED BY
APPROVED BY

SATURATED SOIL ANALYTICAL RESULTS - SVOCS AND PAHS

Kinder Morgan Liquid Terminals LLC
Linnton Terminal
11400 NW St. Helens Road
Portland, Oregon

DATE	PROJECT	DRAWING
8/27/02	B30-01F	14

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