TABLE 2
Unvalidated Reconnaissance Groundwater Volatile Organic Compound Results
NFA ISCM EPT
RP - Portland Site

Location ID	Sample Date	Sample ID	Start Depth (ft)	End Depth (ft)	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-Chloropropane	1,2-Dibromoethane	Dibromomethane	Dibromochloromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene
					(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
RP-02-167	11/03/2009	1622-01	106	120	10.0 U*	**0.220 J***	0.250 U*	0.250 U*	0.250 U*	0.500 U*	5.00 U*	5.00 U*	0.500 U*	0.500 U*	0.250 U*	5.00 U*	0.250 U*	**1.03 ***	1.00 U*	0.500 U*	2.50 U*	0.500 U*	0.250 U*	2.50 U*	0.250 U*	0.500 U*	0.250 U*	**10.8 ***	**0.390 J***
RP-02-167	11/04/2009	1623-01	136	148	10.0 U*	0.125 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	5.00 U*	5.00 U*	0.500 U*	0.500 U*	0.250 U*	5.00 U*	0.250 U*	0.250 U*	1.00 U*	0.500 U*	2.50 U*	0.500 U*	0.250 U*	2.50 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.250 U*
RP-02-167	11/05/2009	1624-01	156	170	10.0 U*	0.125 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	5.00 U*	5.00 U*	0.500 U*	0.500 U*	0.250 U*	5.00 U*	0.250 U*	0.250 U*	1.00 U*	0.500 U*	2.50 U*	0.500 U*	0.250 U*	2.50 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.250 U*
RP-02-167	11/08/2009	1625-01	200	210	10.0 U*	**0.300 ***	0.250 U*	0.250 U*	0.250 U*	0.500 U*	5.00 U*	5.00 U*	0.500 U*	0.500 U*	0.250 U*	5.00 U*	0.250 U*	0.250 U*	1.00 U*	0.500 U*	2.50 U*	0.500 U*	0.250 U*	2.50 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.250 U*
W-19-211	10/20/2009	1618-01	106	120	100 U*	**21.7 ***	2.50 U*	2.50 U*	2.50 U*	5.00 U*	50.0 U*	50.0 U*	5.00 U*	5.00 U*	2.50 U*	50.0 U*	2.50 U*	**118 ***	10.0 U*	5.00 U*	25.0 U*	5.00 U*	2.50 U*	25.0 U*	2.50 U*	5.00 U*	2.50 U*	**944 ***	**32.3 ***
W-19-211	10/21/2009	1619-01	136	148	10.0 U*	0.125 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	5.00 U*	5.00 U*	0.500 U*	0.500 U*	0.250 U*	5.00 U*	0.250 U*	0.250 U*	1.00 U*	0.500 U*	2.50 U*	0.500 U*	0.250 U*	2.50 U*	0.250 U*	0.500 U*	0.250 U*	**0.790 ***	0.250 U*
W-19-211	10/22/2009	1620-01	156	171	100 U*	**4.30 ***	2.50 U*	2.50 U*	2.50 U*	5.00 U*	50.0 U*	50.0 U*	5.00 U*	5.00 U*	2.50 U*	50.0 U*	2.50 U*	**94.2 ***	10.0 U*	5.00 U*	25.0 U*	5.00 U*	2.50 U*	25.0 U*	2.50 U*	5.00 U*	2.50 U*	**345 ***	**12.4 ***
W-19-211	10/28/2009	1621-01	200	210	10.0 U*	0.125 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	5.00 U*	5.00 U*	0.500 U*	0.500 U*	0.250 U*	5.00 U*	0.250 U*	0.250 U*	1.00 U*	0.500 U*	2.50 U*	0.500 U*	0.250 U*	2.50 U*	0.250 U*	0.500 U*	0.250 U*	**0.360 J***	0.250 U*

Location ID	Sample Date	Sample ID	Start Depth (ft)	End Depth (ft)	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Dichlorodifluoromethane (Freon 12)	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Iodomethane	Isobutyl Alcohol	Isopropylbenzene	4-Isopropyltoluene	4-Methyl-2-pentanone (MIBK)	Methyl tert-Butyl Ether (MTBE)	Methylene Chloride	Naphthalene	n-Propylbenzene
					(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
RP-02-167	11/03/2009	1622-01	106	120	**3.19 ***	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	**0.330 J***	1.00 U*	5.00 U*	10.0 U*	250 U*	0.250 U*	0.500 U*	5.00 U*	0.500 U*	2.50 U*	2.50 U*	0.250 U*
RP-02-167	11/04/2009	1623-01	136	148	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.250 U*	1.00 U*	5.00 U*	10.0 U*	250 U*	0.250 U*	0.500 U*	5.00 U*	0.500 U*	2.50 U*	2.50 U*	0.250 U*
RP-02-167	11/05/2009	1624-01	156	170	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.250 U*	1.00 U*	5.00 U*	10.0 U*	250 U*	0.250 U*	0.500 U*	5.00 U*	0.500 U*	2.50 U*	2.50 U*	0.250 U*
RP-02-167	11/08/2009	1625-01	200	210	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	**0.290 J***	1.00 U*	5.00 U*	10.0 U*	250 U*	0.250 U*	0.500 U*	5.00 U*	0.500 U*	2.50 U*	2.50 U*	0.250 U*
W-19-211	10/20/2009	1618-01	106	120	**279 ***	2.50 U*	2.50 U*	**2.60 J***	**11.2 ***	2.50 U*	5.00 U*	2.50 U*	5.00 U*	2.50 U*	2.50 U*	5.00 U*	5.00 U*	2.50 U*	10.0 U*	50.0 U*	100 U*	2,500 U*	2.50 U*	5.00 U*	50.0 U*	5.00 U*	25.0 U*	25.0 U*	2.50 U*
W-19-211	10/21/2009	1619-01	136	148	**0.310 J***	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.250 U*	1.00 U*	5.00 U*	10.0 U*	250 U*	0.250 U*	0.500 U*	5.00 U*	0.500 U*	2.50 U*	2.50 U*	0.250 U*
W-19-211	10/22/2009	1620-01	156	171	**116 ***	2.50 U*	2.50 U*	2.50 U*	**3.00 J***	2.50 U*	5.00 U*	2.50 U*	5.00 U*	2.50 U*	2.50 U*	5.00 U*	5.00 U*	2.50 U*	10.0 U*	50.0 U*	100 U*	2,500 U*	2.50 U*	5.00 U*	50.0 U*	5.00 U*	**32.0 J***	25.0 U*	2.50 U*
W-19-211	10/28/2009	1621-01	200	210	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.250 U*	1.00 U*	5.00 U*	10.0 U*	250 U*	0.250 U*	0.500 U*	5.00 U*	0.500 U*	2.50 U*	2.50 U*	0.250 U*

TABLE 2
Unvalidated Reconnaissance Groundwater Volatile Organic Compound Results
NFA ISCM EPT
RP - Portland Site

Location ID	Sample Date	Sample ID	Start Depth (ft)	End Depth (ft)	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane (Freon 11)	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	m,p-Xylene	o-Xylene
					(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
RP-02-167	11/03/2009	1622-01	106	120	0.250 U*	0.250 U*	0.250 U*	0.250 U*	**1.55 ***	1.00 U*	1.00 U*	0.250 U*	0.250 U*	0.250 U*	**0.650 J***	0.500 U*	0.500 U*	0.500 U*	0.250 U*	**1.31 ***	**0.550 ***
RP-02-167	11/04/2009	1623-01	136	148	0.250 U*	0.250 U*	0.250 U*	0.250 U*	**0.460 J***	1.00 U*	1.00 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.500 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*
RP-02-167	11/05/2009	1624-01	156	170	0.250 U*	0.250 U*	0.250 U*	0.250 U*	**0.280 J***	1.00 U*	1.00 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.500 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*
RP-02-167	11/08/2009	1625-01	200	210	0.250 U*	0.250 U*	0.250 U*	0.250 U*	**1.21 ***	1.00 U*	1.00 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.500 U*	0.500 U*	0.250 U*	**1.15 ***	**0.390 J***
W-19-211	10/20/2009	1618-01	106	120	2.50 U*	2.50 U*	2.50 U*	2.50 U*	2.50 U*	10.0 U*	10.0 U*	2.50 U*	2.50 U*	**20.5 ***	5.00 U*	5.00 U*	5.00 U*	5.00 U*	**14.3 ***	5.00 U*	2.50 U*
W-19-211	10/21/2009	1619-01	136	148	0.250 U*	0.250 U*	0.250 U*	0.250 U*	**1.13 ***	1.00 U*	1.00 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.500 U*	0.500 U*	0.250 U*	**0.840 J***	**0.340 J***
W-19-211	10/22/2009	1620-01	156	171	2.50 U*	2.50 U*	2.50 U*	2.50 U*	2.50 U*	10.0 U*	10.0 U*	2.50 U*	2.50 U*	**4.10 J***	5.00 U*	5.00 U*	5.00 U*	5.00 U*	**5.30 ***	5.00 U*	2.50 U*
W-19-211	10/28/2009	1621-01	200	210	0.250 U*	0.250 U*	0.250 U*	0.250 U*	**2.31 ***	1.00 U*	1.00 U*	0.250 U*	0.250 U*	0.250 U*	0.500 U*	0.500 U*	0.500 U*	0.500 U*	0.250 U*	0.500 U*	0.250 U*

Notes:
BOLD = detection
* = result not validated
U = not detected at or above the stated level
J = estimated result
µg/L = micrograms per liter

NOTE:

0' 175' 350' 525'
1" = 350'

CLIENT: STARLINK LOGISTICS, INC. (STARLINK)

AMEC Earth & Environmental
7376 S.W. Durham Road
Portland, OR. U.S.A. 97224

DWN BY:	BRJ
CHK'D BY:	-
DATUM:	NAD83
PROJECTION:	OR SP N., Int Ft.
SCALE:	1" = 350'

PROJECT: RP - PORTLAND SITE

TITLE: FINAL LOCATIONS OF NFA ISCM MONITORING WELLS INSTALLED IN 2009

DATE:	DECEMBER 2009
PROJECT NO:	061M107030.0503.003
REV. NO.:	1
FIGURE No.	1

K:\10000\10700\10703\0500 NFA ISCM\0503 ExtPumpTestImpl\03 Qtly Rpts\2009Q4\A1 Figures\Figure 1 Final Locations of NFA ISCM Monitoring Wells Installed in 2009.dwg – Layout – Jan. 11, 2010 3:37pm – patrick.mccarthy