A.2 Soil Analytical Results Table
Auto Repair on Vliet BRRTS #03-41-286924

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Cadmium (ppm)	Benzene (ppm)	1,2-Dich-loroethane (ppm)	Ethyl-benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT - PVOC & PAH & Lead: Exeedance Count	Hazard Index	Cumulative Cancer Risk
B1	0-2	U	08/17/01	BDL	327	NS	NS	NS	4.7	NS	NS	NS	NS	21	NS	NS	NS	NS	2	0.8762	5.6E-06
B1	4-6	U	08/17/01	BDL	NS	973	NS	<0.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
B2	0-2	U	08/17/01	BDL	87	28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	0.2306	2.7E-06
B2	4-6	U	08/17/01	BDL	NS	31	NS	<0.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
B3	0-2	U	08/17/01	BDL	96	25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	0.2480	1.8E-06
B3	4-6	U	08/17/01	BDL	NS	95	NS	<0.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
G-1-1	2.0	U	02/06/17	4.6	NOT SAMPLED													NS	0		
G-2-1	2.0	U	02/06/17	850.0	441.00	NS	NS	NS	<0.03	<0.038	0.38	<0.05	0.75	0.33	3.20	1.29	2.72	NS	1	1.1226	1.8E-07
G-3-1	3.5	U	02/06/17	102.0	10.40	NS	NS	NS	<0.3	<0.38	5.80	<0.5	14.40	1.32	49.00	17.90	23.40	NS	1	0.2953	3.3E-06
G-3-2	7.0	U	02/06/17	822.0	NOT SAMPLED													NS			
G-3-3	10.0	U	02/06/17	470.0	5.55	NS	NS	NS	16.80	<1.9	128.00	<2.5	65.00	230.00	312*	110.00	632*	SEE VOC SHEET			
G-4-1	3.5	U	02/06/17	5.0	6.28	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	0	0.0019	9.9E-08
G-4-2	8.0	U	02/06/17	5.0	NOT SAMPLED													NS			
G-4-3	11.5	U	02/06/17	11.7	NS	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS			
G-4-4	14.0	S	02/06/17	178.0	NOT SAMPLED													NS			
G-5-1	3.5	U	02/06/17	1.6	3.07	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	0	0.0019	9.9E-08
G-5-2	8.0	U	02/06/17	1.1	NOT SAMPLED													NS			
G-5-3	10.0	U	02/06/17	1.3	NS	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS			
G-5-4	16.0	S	02/06/17	1.7	NOT SAMPLED													NS			
G-6-1	3.5	U	02/06/17	1.1	4.68	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	0	0.0019	9.9E-08
G-6-2	8.0	U	02/06/17	734.0	NS	NS	NS	NS	0.53	<0.38	65.00	<0.5	23.60	15.30	136.00	48.00	177.00	NS			
G-6-3	12.0	U	02/06/17	275.0	NOT SAMPLED													NS			
G-6-4	16.0	S	02/06/17	519.0	NS	NS	NS	NS	3.50	<0.38	2.18	<0.5	3.60	8.20	3.60	1.36	9.14	NS			
G-7-1	3.5	U	02/06/17	37.0	3.53	NS	NS	NS	<0.05	<0.094	<0.05	<0.094	<0.05	<0.094	<0.05	<0.094	<0.05	NS	0	0.034	1.9E-07
G-7-2	8.0	U	02/06/17	688.0	NOT SAMPLED													NS			
G-7-3	10.0	U	02/06/17	166.0	NS	NS	NS	NS	26.30	<0.76	105.00	<1	34.00	226.00	138.00	49.00	397*	NS			
G-7-4	16.0	S	02/06/17	92.0	NOT SAMPLED													NS			
G-8-1	3.5	U	02/06/17	8.4	11.50	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	0	0.0019	9.9E-08
G-8-2	8.0	U	02/06/17	5.8	NOT SAMPLED													NS			
G-8-3	11.0	U	02/06/17	809.0	NS	NS	NS	NS	7.60	<0.76	72.00	<1	49.00	98.00	196.00	67.00	383*	NS			
G-8-4	16.0	S	02/06/17	131.0	NOT SAMPLED													NS			
G-9-1	3.5	U	02/06/17	5.2	NOT SAMPLED													NS	0		
G-9-2	8.0	U	02/06/17	35.0	NOT SAMPLED													NS			
G-9-3	10.0	U	02/06/17	649.0	NS	NS	NS	NS	7.00	<0.76	59.00	<1	42.00	56.00	120.00	46.00	212.00	NS			
G-9-4	16.0	S	02/06/17	56.0	NOT SAMPLED													NS			
G-10-1	3.5	U	02/06/17	136.0	256.00	NS	NS	NS	<0.03	<0.038	0.041	<0.05	<0.094	0.038	0.098	0.035	0.099-0.143	NS	0	0.6422	1.0E-07
G-10-2	8.0	U	02/06/17	7.2	NOT SAMPLED													NS			
G10-3	11.0	S	02/06/17	5.1	NS	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS			
G-10-4	16.0	S	02/06/17	4.4	NOT SAMPLED													NS			
G-11-1	3.5	U	02/06/17	4.2	NOT SAMPLED													NS	0		
G-11-2	8.0	U	02/06/17	4.0	NOT SAMPLED													NS			
G-11-3	12.0	U	02/06/17	4.1	NOT SAMPLED													NS			
G-11-4	14.0	S	02/06/17	3.0	NOT SAMPLED													NS			
G-12-1	3.5	U	02/06/17	2.7	NOT SAMPLED													NS	0		
G-12-2	8.0	U	02/06/17	3.0	NOT SAMPLED													NS			
G-12-3	12.0	U	02/06/17	3.0	NOT SAMPLED													NS			
G-13-1	3.5	U	02/06/17	2.7	NOT SAMPLED													NS	0		
G-13-2	8.0	U	02/06/17	2.4	NOT SAMPLED													NS			
G-13-3	12.0	U	02/06/17	2.7	NOT SAMPLED													NS			
G-14-1	3.5	U	02/07/17	1.0	NOT SAMPLED													NS	0		
G-14-2	8.0	U	02/07/17	1.3	NOT SAMPLED													NS			
G-14-3	12.0	U	02/07/17	1.4	NOT SAMPLED													NS			
G-15-1	3.5	U	02/07/17	1.9	NOT SAMPLED													NS	0		
G-15-2	8.0	U	02/07/17	1.9	NOT SAMPLED													NS			
G-15-3	11.5	S	02/07/17	482.0	NS	NS	NS	NS	<0.15	<0.19	0.57	<0.25	1.44	<0.16	20.70	10.80	1.40	NS			
G-15-4	16.0	S	02/07/17	2.8	NOT SAMPLED													NS			
G-16-1	3.5	U	02/07/17	1.2	NOT SAMPLED													NS	0		
G-16-2	8.0	U	02/07/17	1.5	NOT SAMPLED													NS			
G-16-3	12.0	S	02/07/17	1.6	NOT SAMPLED													NS			
G-16-4	16.0	S	02/07/17	1.5	NOT SAMPLED													NS			
G-17-1	3.5	U	02/07/17	115.0	24.30	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	0.43	0.16	0.43	NS	0	0.0039	9.9E-08
G-17-2	8.0	U	02/07/17	10.0	NS	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS			
G-17-3	12.0	U	02/07/17	149.0	NS	NS	NS	NS	<0.3	<0.38	<0.35	<0.5	1.85	<0.32	79.00	87.00	7.50	NS			
Groundwater RCL					27	-	-	0.752	0.0051	0.0028	1.57	0.027	0.6582	1.1072	1.3787		3.96	-			
Non-Industrial Direct Contact RCL					400	-	-	71.1	1.6	0.652	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	-	(0.985)	(7.07)	(2.87)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	-	1820*	540*	480*	8870*	-	818*	219*	182*	260*	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
Auto Repair on Vliet BRRTS #03-41-286924

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Cadmium (ppm)	Benzene (ppm)	1,2-Dich-loroethane (ppm)	Ethyl-benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT - PVOC & PAH & Lead: Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-17-4	16.0	U	02/07/17	66.0	NOT SAMPLED													NS			
MW-1-1	3.5	U	02/07/17	3.4	3.31	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	0	0.002	9.9E-08
MW-1-2	8.0	U	02/07/17	509.0	NS	NS	NS	NS	**0.54**	<0.38	**5.60**	<0.5	**2.11**	**7.60**	**3.90**	**1.28**	**11.80**	NS			
MW-1-3	12.0	U	02/07/17	147.0	NS	NS	NS	NS	**4.10**	<0.38	**2.67**	<0.5	**1.88**	**9.50**	**3.80**	**1.34**	**11.40**	NS			
MW-1-4	16.0	S	02/07/17	77.0	NOT SAMPLED													NS			
MW-2-1	3.5	U	02/07/17	1.1	NOT SAMPLED													NS	0		
MW-2-2	8.0	U	02/07/17	0.8	NOT SAMPLED													NS			
MW-2-3	12.0	S	02/07/17	1.1	NOT SAMPLED													NS			
MW-2-4	16.0	S	02/07/17	1.2	NOT SAMPLED													NS			
MW-3-1	3.5	U	02/07/17	1.9	NOT SAMPLED													NS	0		
MW-3-2	8.0	U	02/07/17	2.0	NOT SAMPLED													NS			
MW-3-3	12.0	S	02/07/17	1.9	NOT SAMPLED													NS			
MW-3-4	16.0	S	02/07/17	2.1	NOT SAMPLED													NS			
MW-4-1	3.5	U	02/07/17	0.7	NOT SAMPLED													NS	0		
MW-4-2	8.0	U	02/07/17	0.8	NOT SAMPLED													NS			
MW-4-3	12.0	S	02/07/17	0.8	NOT SAMPLED													NS			
MW-4-4	16.0	S	02/07/17	0.8	NOT SAMPLED													NS			
MW-5-1	3.5	U	02/07/17	1.5	NOT SAMPLED													NS	0		
MW-5-2	8.0	U	02/07/17	1.2	NOT SAMPLED													NS			
MW-5-3	12.0	U	02/07/17	1.3	NOT SAMPLED													NS			
MW-5-4	16.0	S	02/07/17	1.4	NOT SAMPLED													NS			
LF-1-1	3.5		09/10/18	3.1	NOT SAMPLED													NS	0		
LF-1-2	8.0	U	09/10/18	145.3	NS	NS	10900	NS	**40**	NS	**137**	<1.25	**27.2**	**244**	**139**	**86**	**450***	TCLP Benzene 0.0716			
LF-1-3	10.0	U	09/10/18	59.5	NOT SAMPLED													NS			
LF-2-1	3.5	U	09/10/18	1835.0	NOT SAMPLED													TCLP Lead 0.626	0		
LF-2-2	8.0	U	09/10/18	504.0	NOT SAMPLED													NS			
LF-2-3	12.0	U	09/10/18	14.7	NOT SAMPLED													NS			
EX-1	3.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	0.114	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.1E-08
EX-2	9.0	U	10/08/18	110.0	NS	NS	NS	NS	**0.081**	NS	**5.6**	<0.025	**5.7**	**5.0**	**10.8**	**4.0**	**22.9**	NS			
EX-3	3.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-4	9.0	U	10/08/18	5.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-5	15.0	S	10/08/18	5.0	NS	NS	NS	NS	**5.80**	NS	0.121	<0.025	0.109	**5.9**	0.049	0.0263	0.334	NS			
EX-6	3.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-7	9.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-8	15.0	S	10/08/18	15.0	NS	NS	NS	NS	**1.89**	NS	**1.68**	<0.025	**1.27**	**4.90**	**2.3**	**0.80**	**7.69**	NS			
EX-9	3.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-10	9.0	U	10/08/18	125.0	NS	NS	NS	NS	**0.92**	NS	**8.0**	<0.025	**4.10**	**12.8**	**12.4**	**5.7**	**30.2**	NS			
EX-11	15.0	S	10/08/18	15.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-12	3.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-13	9.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	0.029	<0.025	<0.025	<0.025	<0.075	NS			
EX-14	3.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-15	9.0	U	10/08/18	95.0	NS	NS	NS	NS	<1.25	NS	**30.3**	<1.25	**29.9**	**23.4**	**53**	**45**	**122**	NS			
EX-16	3.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-17	9.0	U	10/08/18	10.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	0.0289	<0.025	0.036	0.0276	<0.075	NS			
EX-18	15.0	S	10/08/18	70.0	NS	NS	NS	NS	**6.7**	NS	**23.4**	<1.25	**16.8**	**36**	**30.4**	**20.4**	**84.7**	NS			
EX-19	3.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-20	9.0	U	10/08/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-21	15.0	S	10/08/18	45.0	NS	NS	NS	NS	**2.37**	NS	**2.05**	<0.025	0.038	**7.6**	<0.025	<0.025	**6.77**	NS			
EX-22	3.0	U	10/09/18	0.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-23	9.0	U	10/09/18	0.0	NS	NS	NS	NS	<0.025	NS	0.052	<0.025	0.083	0.0282	0.201	0.091	0.224	NS			
EX-24	15.0	S	10/09/18	25.0	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	0.0284	<0.025	<0.025	<0.025	<0.075	NS			
EX-25	15.0	S	10/09/18	10.0	NS	NS	NS	NS	<0.025	NS	0.042	<0.025	0.041	0.044	0.126	0.059	0.18	NS			
SW-1	3.0	U	10/08/18	0.0	NOT SAMPLED													NS			
SW-2	3.0	U	10/08/18	0.0	NOT SAMPLED													NS			
MW-6-1	0-4	U	11/06/18	4.1	NOT SAMPLED													NS			
MW-6-2	4-8	U	11/06/18	54.3	NOT SAMPLED													NS			
MW-6-3	8-12	S	11/06/18	1014.0	NOT SAMPLED													NS			
MW-6-4	12-18	S	11/06/18	144.1	NOT SAMPLED													NS			
Groundwater RCL					27	-	-	0.752	0.0051	0.0028	1.57	0.027	0.6582	1.1072	1.3787		3.96	-			
Non-Industrial Direct Contact RCL					400	-	-	71.1	1.6	0.652	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	-	(0.985)	(7.07)	(2.87)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	-	1820*	540*	480*	8870*	-	818*	219*	182*	260*	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
Auto Repair on Vliet BRRTS #03-41-286924

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Cadmium (ppm)	Benzene (ppm)	1,2-Dich-loroethane (ppm)	Ethyl-benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT - PVOC & PAH & Lead		
																			Exeedance Count	Hazard Index	Cumulative Cancer Risk
MW-7-1	3.5	U	09/10/19	6.3	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
MW-7-2	8.0	U	09/10/19	6.9	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-7-3	12.0	S	09/10/19	398.0	NS	NS	NS	NS	NOT SAMPLED									NS			
MW-7-4	16.0	S	09/10/19	15.1	NS	NS	NS	NS	NOT SAMPLED									NS			
Groundwater RCL					**27**	-	-	**0.752**	**0.0051**	**0.0028**	**1.57**	**0.027**	**0.6582**	**1.1072**	**1.3787**		**3.96**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**71.1**	**1.6**	**0.652**	**8.02**	**63.8**	**5.52**	**818**	**219**	**182**	**260**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					**(800)**	-	-	**(0.985)**	**(7.07)**	**(2.87)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(260)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	-	**1820***	**540***	**480***	**8870***	-	**818***	**219***	**182***	**260***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
(PAH)
Auto Repair on Vliet BRRTS #03-41-286924

Sample	Depth (feet)	Saturation U/S	Date	Acenaph-thene (ppm)	Acenaph-thylene (ppm)	Anthracene (ppm)	Benzo(a) anthracene (ppm)	Benzo(a) pyrene (ppm)	Benzo(b) fluoranthene (ppm)	Benzo(g,h,I) perylene (ppm)	Benzo(k) fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h) anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd) pyrene (ppm)	1-Methyl-naphthalene (ppm)	2-Methyl-naphthalene (ppm)	Naph-thalene (ppm)	Phenan-threne (ppm)	Pyrene (ppm)	DIRECT CONTACT - PVOC & PAH		
																						Exeedance Count	Hazard Index	Cumulative Cancer Risk
B-1	0-2	U	08/17/01	NS	NS	0.135	0.247	**0.174**	0.0298	0.116	0.277	**0.24**	NS	0.467	0.058	0.99	NS	NS	NS	0.559	0.549	**2**	0.8762	5.5E-06
B-2	0-2	U	08/17/01	NS	NS	NS	0.218	**0.225**	0.424	0.234	0.397	**0.28**	NS	0.369	NS	0.182	NS	NS	NS	0.148	0.469	**1**	0.2306	2.7E-06
B-3	0-2	U	08/17/01	NS	NS	NS	0.179	**0.136**	0.318	0.173	0.297	**0.209**	NS	0.356	NS	0.14	NS	NS	NS	0.156	0.404	**1**	0.2480	1.8E-06
Groundwater RCL				---	---	**196.9492**	---	**0.47**	**0.4781**	---	---	**0.1442**	---	**88.8778**	**14.8299**	---	---	---	**0.6582**	---	**54.5455**			
Non-Industrial Direct Contact RCL				**3690**	---	**17900**	**1.14**	**0.115**	**1.15**	---	**11.5**	**115**	**0.115**	**2390**	**2390**	**1.15**	**17.6**	**239**	**5.52**	---	**1790**		**1.00E+00**	**1.00E-05**
Industrial Direct Contact RCL				**(45200)**	---	**(100000)**	**(20.8)**	**(2.11)**	**(21.1)**	---	**(211)**	**(2110)**	**(2.11)**	**(30100)**	**(30100)**	**(21.1)**	**(72.7)**	**(3010)**	**(24.1)**	---	**(22600)**			
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold &Asteric * = C-sat Exceedance
NS = Not Sampled
(ppm) = parts per million
PAH = Polynuclear Aromatic Hydrocarbons
PID = Photoionization Detector
VOC's = Volatile Organic Compounds

NM = Not Measured
ND = No Detects

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
Auto Repair on Vliet BRRTS #03-41-286924

Sampling Conducted on February 2, 2016

VOC's		Bold = Groundwater RCL	Underline & Bold = Non-Industrial Direct Contact RCL	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	**G-3-3**				
Sample Depth/ft.	10				
Solids Percent	84.2				
Benzene/ppm	**16.8 "J"**	**0.0051**	**1.6**	**(7.07)**	**1820***
Bromobenzene/ppm	< 1.25	= =	**342**	**(679)**	= =
Bromodichloromethane/ppm	< 3.7	**0.0003**	**0.418**	**(1.83)**	= =
Bromoform/ppm	< 1.45	**0.0023**	**25.4**	**(113)**	= =
tert-Butylbenzene/ppm	< 1.3	= =	**183**	**(183)**	**183***
sec-Butylbenzene/ppm	8.1	= =	**145**	**(145)**	**145***
n-Butylbenzene/ppm	38	= =	**108**	**(108)**	**108***
Carbon Tetrachloride/ppm	< 0.8	**0.0039**	**0.916**	**(4.03)**	= =
Chlorobenzene/ppm	< 0.65	= =	**370**	**(761)**	**761***
Chloroethane/ppm	< 4.55	**0.2266**	= =	= =	= =
Chloroform/ppm	< 1.75	**0.0033**	**0.454**	**(1.98)**	= =
Chloromethane/ppm	< 3.8	**0.0155**	**159**	**(669)**	= =
2-Chlorotoluene/ppm	< 0.75	= =	**907**	**(907)**	**907***
4-Chlorotoluene/ppm	< 0.9	= =	**253**	**(253)**	**253***
1,2-Dibromo-3-chloropropane/ppm	< 2.9	**0.0002**	**0.008**	**(0.092)**	= =
Dibromochloromethane/ppm	< 1.25	**0.032**	**8.28**	**(38.9)**	= =
1,4-Dichlorobenzene/ppm	< 1.85	**0.144**	**3.74**	**(16.4)**	= =
1,3-Dichlorobenzene/ppm	< 1.85	**1.1528**	**297**	**(297)**	**297***
1,2-Dichlorobenzene/ppm	< 1.4	**1.168**	**376**	**(376)**	**376***
Dichlorodifluoromethane/ppm	< 2.4	**3.0863**	**126**	**(530)**	= =
1,2-Dichloroethane/ppm	< 1.9	**0.0028**	**0.652**	**(2.87)**	**540***
1,1-Dichloroethane/ppm	< 1.7	**0.4834**	**5.06**	**(22.2)**	= =
1,1-Dichloroethene/ppm	< 1.1	**0.005**	**320**	**(1190)**	**1190***
cis-1,2-Dichloroethene/ppm	< 1.6	**0.0412**	**156**	**(2340)**	= =
trans-1,2-Dichloroethene/ppm	< 1.4	**0.0626**	**1560**	**(1850)**	= =
1,2-Dichloropropane/ppm	< 1.75	**0.0033**	**3.4**	**(15)**	= =
2,2-Dichloropropane/ppm	< 1.85	= =	**191**	**191**	**191***
1,3-Dichloropropane/ppm	< 1.25	= =	**1490**	**(1490)**	**1490***
Di-isopropyl ether/ppm	< 0.5	= =	**2260**	**(2260)**	**2260***
EDB (1,2-Dibromoethane)/ppm	< 1.15	**0.0000282**	**0.05**	**(0.221)**	= =
Ethylbenzene/ppm	**128**	**1.57**	**8.02**	**(35.4)**	**480***
Hexachlorobutadiene/ppm	< 4.25	= =	**1.63**	**(7.19)**	= =
Isopropylbenzene/ppm	19.3	= =	= =	= =	= =
p-Isopropyltoluene/ppm	8.4	= =	**162**	**(162)**	**162***
Methylene chloride/ppm	< 7.5	**0.0026**	**61.8**	**(1150)**	= =
Methyl tert-butyl ether (MTBE)/ppm	< 2.5	**0.027**	**63.8**	**(282)**	**8870***
Naphthalene/ppm	**65**	**0.6582**	**5.52**	**(24.1)**	= =
n-Propylbenzene/ppm	43	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 1.4	**0.0002**	**0.81**	**(3.6)**	= =
1,1,1,2-Tetrachloroethane/ppm	< 1.4	**0.0534**	**2.78**	**(12.3)**	= =
Tetrachloroethene (PCE)/ppm	< 1.6	**0.0045**	**33**	**(145)**	= =
Toluene/ppm	**230**	**1.1072**	**818**	**(818)**	**818***
1,2,4-Trichlorobenzene/ppm	< 3.2	**0.408**	**24**	**(113)**	= =
1,2,3-Trichlorobenzene/ppm	< 3.3	= =	**62.6**	**(934)**	= =
1,1,1-Trichloroethane/ppm	< 1.5	**0.1402**	**640**	**(640)**	**640***
1,1,2-Trichloroethane/ppm	< 1.65	**0.0032**	**1.59**	**(7.01)**	= =
Trichloroethene (TCE)/ppm	< 2.05	**0.0036**	**1.3**	**(8.41)**	= =
Trichlorofluoromethane/ppm	< 2.05	**4.4775**	**1230**	**(1230)**	**1230***
1,2,4-Trimethylbenzene/ppm	**312***	**1.3787**	**219**	**(219)**	**219***
1,3,5-Trimethylbenzene/ppm	**110**		**182**	**(182)**	**182***
Vinyl Chloride/ppm	< 0.95	**0.0001**	**0.067**	**(2.08)**	= =
m&p-Xylene/ppm	**450***	**3.96**	**260**	**(260)**	**260***
o-Xylene/ppm	**182**				

NS = not sampled, NM = Not Measured
(ppm) = parts per million
= = No Exceedences
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Note: Non-Industrial RCLs apply to this site.