

Valley Drive Abandoned Slurry

Confirmation Soil Samples

UNVALIDATED DATA

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Analyte	CAS No.	EPA Residential RSL	EPA Residential RML	VDS-SS-BKG Result	VDS-SS-01 Result	VDS-SS-01-DUP Result	VDS-SS-02 Result	VDS-SS-03 Result
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Extractable Petroleum Hydrocarbons (EPH)								
C5- C8 Aliphatics		52	520	5.6 U	5.3 U	3.11 J	10	4.93 J
C5- C8 Aliphatics (Unadj.)		52	520	5.6 U	5.3 U	3.11 J	10	4.93 J
C9- C12 Aliphatics		9.6	96	5.6 U	59.6	61.9	190	112
C9- C12 Aliphatics (Unadj.)		9.6	96	5.6 U	87	92.9	279	197
C9-C18 Aliphatics		9.6	96	6.3 U	172	271	515	34 U
C19-C36 Aliphatics		23,000	230,000	6 J	401	556	791	46.9
C9- C10 Aromatics		9.7	97	5.6 U	27.1	30.5	87	85
C11-C22 Aromatics		9.7	97	13.3	286	485	560	60.8
C11-C22 Aromatics (Unadj.)		9.7	97	13.8	315	555	579	64
Polynuclear Aromatic Compounds (PAH)								
2-Methylnaphthalene	91-57-6	24	240	0.13 U	1.3 U	0.71 J	2.26	0.68 U
Acenaphthene	83-32-9	360	3,600	0.13 U	1.3 U	1.57	1.3 U	0.68 U
Acenaphthylene	208-96-8	NA	NA	0.13 U	1.3 U	1.3 U	1.3 U	0.68 U
Anthracene	120-12-7	1,800	18,000	0.13 U	1.5	4.08	1.3 U	0.68 U
Benzene	71-43-2	8	82	0.28 U	0.27 U	0.29 U	0.30 U	0.30 U
Benzo(a)anthracene	56-55-3	1.1	110	0.13 U	1.79	4.66	1.03 J	0.68 U
Benzo(a)pyrene	50-32-8	0.11	11	0.426	2.13	4.3	2.09	0.68 U
Benzo(b)fluoranthene	205-99-2	1.1	110	0.101 J	2.55	4.67	1.39	0.68 U
Benzo(g,h,i)perylene	191-24-2	NA	NA	0.13 U	1.47	2.48	0.82 J	0.68 U
Benzo(k)fluoranthene	207-08-9	11	1,100	0.10 J	1.16 J	1.92	1.3 U	0.68 U
Chrysene	218-01-9	110	11,000	0.13 U	2.44	5.86	1.13 J	0.68 U
Dibenzo(a,h)anthracene	53-70-3	0.11	11	0.13 U	1.51	2.64	0.685 J	0.68 U
Ethylbenzene	100-41-4	5.8	580	0.28 U	0.0866 J	0.101 J	0.537	0.215 J
Fluoranthene	206-44-0	240	2,400	0.13 U	5.65	13.1	3.31	1.06
Fluorene	86-73-7	240	2,400	0.13 U	1.3 U	2.03	1.37	0.68 U
Indeno(1,2,3-cd)pyrene	193-39-5	NA	NA	0.13 U	1.3 U	1.3 U	1.3 U	0.68 U
m,p-Xylene	--	55	550	0.28 U	0.166 J	0.185 J	1.08	0.378
Methyl Tert Butyl Ether	1634-04-4	1,500	150,000	0.056 U	0.053 U	0.058 U	0.059 U	0.06 U
Naphthalene	91-20-3	2	130	0.13 U	2.38	2.15	6.58	2.7
o-Xylene	95-47-6	64	640	0.28 U	0.134 J	0.156 J	0.781	0.289 J
Phenanthrene	85-01-8	NA	NA	0.13 U	3.96	11.5	2.12	1.12
Pyrene	129-00-0	180	1,800	0.13 U	4.9	11	2.71	0.975
Toluene	108-88-3	490	4,900	0.28 U	0.27 U	ND	0.0343 J	0.3 U

Notes:

Bolded and shaded yellow result indicates detection above EPA Residential RSLs (HQ=0.1, TR=1E-06)

Bolded and shaded orange result indicates detection above EPA Residential RSLs (HQ=0.1, TR=1E-06) and EPA Residential RMLs (HQ=0.1, TR=1E-04)

BKG Background

CAS No. Chemical Abstracts Service Number

J Concentration is estimated

mg/kg Milligrams per kilogram

RML Regional Removal Management Levels

RSL Regional Screening Levels

U Analyte was not detected

VDS Valley Drive Slurry

WS Waste Sample