

Valley Drive Abandoned Slurry

UNVALIDATED DATA

Analyte	CAS No.	VDS-WS-01 * Result
		(mg/kg)
Total Halides		
Total Organic Halides		96 U
Total Petroleum Hydrocarbons (TPH)		
TPH-DRO (C10-C28)		9,550
TPH-ORO (>C28-C40)		653
TPH-GRO (C6-C10)		189
Polychlorinated Biphenyls (PCB)		
Aroclor 1016	12674-11-2	0.35 U
Aroclor 1221	11104-28-2	0.35 U
Aroclor 1232	11141-16-5	0.35 U
Aroclor 1242	53469-21-9	0.35 U
Aroclor 1248	12672-29-6	0.35 U
Aroclor 1254	11097-69-1	0.35 U
Aroclor 1260	11096-82-5	0.35 U
Aroclor 1262	37324-23-5	0.35 U
Aroclor 1268	11100-14-4	0.35 U
Target Analyte List (TAL) Metals		
Aluminum	7429-90-5	2,660
Antimony	7440-36-0	1.1 U
Arsenic	7440-38-2	8
Barium	7440-39-3	26.4
Beryllium	7440-41-7	0.26 U
Cadmium	7440-43-9	0.26 U
Calcium	7440-70-2	10,300
Chromium	7440-47-3	3.2
Cobalt	7440-48-4	1.8
Copper	7440-50-8	5.8
Iron	7439-89-6	4,150
Lead	7439-92-1	3.6
Magnesium	7439-95-4	3,050
Manganese	7439-96-5	74.7
Mercury	7439-97-6	0.035 U
Nickel	7440-02-0	12.6
Potassium	9/7/7440	328
Selenium	7782-49-2	0.26 U
Silver	7440-22-4	0.26 U
Sodium	7440-23-5	130 U
Thallium	7440-28-0	0.26 U
Vanadium	7440-62-2	26.1
Zinc	7440-66-6	79.4

Notes:

* Grab waste sample collected on 8/2/2022 from the right-of-way along West Valley Drive

Bolded result indicates detection

CAS No. Chemical Abstracts Service Number

mg/kg Milligrams per kilogram

U Analyte was not detected

VDS Valley Drive Slurry

WS Waste Sample

Valley Drive Abandoned Slurry

MA-EPH Analysis

UNVALIDATED DATA

Analyte	CAS No.	VDS-WS-01 *	VDS-WS-02 **
		Result	Result
		(mg/kg)	(mg/kg)
Extractable Petroleum Hydrocarbons (EPH)			
C11-C22 Aromatics		6,660	21,100
C11-C22 Aromatics (Unadj.)		6,700	21400
C19-C36 Aliphatics		9,690	41000
C9-C18 Aliphatics		5,850	89.4
Polynuclear Aromatic Compounds (PAH)			
2-Methylnaphthalene	91-57-6	7.7	84.2
Acenaphthene	83-32-9	4.4	28.2
Acenaphthylene	208-96-8	4.1	24.4
Anthracene	120-12-7	3.6 U	12.1
Benzo(a)anthracene	56-55-3	3.6 U	36.6
Benzo(a)pyrene	50-32-8	3.6 U	3.65 J
Benzo(b)fluoranthene	205-99-2	3.6 U	6.84 J
Benzo(g,h,i)perylene	191-24-2	3.6 U	7.50 U
Benzo(k)fluoranthene	207-08-9	3.6 U	7.50 U
Chrysene	218-01-9	3.6 U	7.50 U
Dibenzo(a,h)anthracene	53-70-3	3.6 U	7.50 U
Fluoranthene	206-44-0	10.3	30.2
Fluorene	86-73-7	3.6 U	33.3
Indeno(1,2,3-cd)pyrene	193-39-5	3.6 U	7.50 U
Naphthalene	91-20-3	3.6 U	24.3
Phenanthrene	85-01-8	11.5	37.2
Pyrene	129-00-0	3.6 U	18.3

Notes:

* Grab waste sample collected on 8/2/2022 from the right-of-way along West Valley Drive

** Composite waste sample collected on 9/15/2022 from all accessible tanks

Bolded result indicates detection

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mg/kg Milligrams per kilogram

U Analyte was not detected

VDS Valley Drive Slurry

WS Waste Sample