

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID Sample ID Sample Type Depth (ft.) Parameter Sample Date	Units	Reporting Limit	JP-WK-002 SAIC01 GRAB 0 1/28/2010	JP-WKI-001 SAIC01 GRAB 0 10/27/2008	JP-WKI-002 SAIC01 GRAB 0 1/28/2010	JP-WLI-002 SAIC01 GRAB 0 4/8/2010	Kd Groundwater SAIC01 GRAB 20 3/29/2012	Kd Rainwater SAIC01 GRAB 0 3/26/2012	Kd Rainwater Spr2012 SAIC01 GRAB 0 3/26/2012
Alkalinity									
Alkalinity	mg/l		N/A	N/A	N/A	N/A	N/A	N/A	3.5 B
		1	4.6 B	N/A	1 U	N/A	N/A	N/A	N/A
	mg/L	1	N/A	N/A	N/A	NF	N/A	N/A	N/A
Anions									
Chloride	mg/L		N/A	N/A	N/A	N/A	N/A	N/A	0.64
Nitrate	mg/L		N/A	N/A	N/A	N/A	N/A	N/A	0.28
Sulfate	mg/L		N/A	N/A	N/A	N/A	N/A	N/A	1
Common Anions									
Chloride	mg/l	0.1	N/A	0.14 B	0.377 J	N/A	N/A	N/A	N/A
	mg/L	0.1	N/A	N/A	N/A	NF	N/A	N/A	N/A
Nitrate	mg/l	0.1	N/A	0.1	1.18 J	N/A	N/A	N/A	N/A
	mg/L	0.1	N/A	N/A	N/A	NF	N/A	N/A	N/A
Sulfate	mg/l	0.1	N/A	0.92	3.72	N/A	N/A	N/A	N/A
	mg/L	0.1	N/A	N/A	N/A	NF	N/A	N/A	N/A
Metals									
Aluminum	µg/l		N/A	N/A	N/A	N/A	N/A	N/A	30 U
		200	N/A	N/A	184	N/A	N/A	N/A	N/A
	µG/L	200	N/A	N/A	N/A	NF	N/A	N/A	N/A
Calcium	µg/l		N/A	N/A	N/A	N/A	N/A	N/A	2930
		1000	N/A	N/A	1950	N/A	N/A	N/A	N/A
	µG/L	1000	N/A	N/A	N/A	NF	N/A	N/A	N/A
Iron	µg/l		N/A	N/A	N/A	N/A	N/A	N/A	491
		150	N/A	N/A	749	N/A	N/A	N/A	N/A
	µG/L	150	N/A	N/A	N/A	NF	N/A	N/A	N/A
Magnesium	µg/l		N/A	N/A	N/A	N/A	N/A	N/A	228
		250	N/A	N/A	1250 U	N/A	N/A	N/A	N/A
	µG/L	250	N/A	N/A	N/A	NF	N/A	N/A	N/A
Manganese	µg/l		N/A	N/A	N/A	N/A	N/A	N/A	12.2
		5	N/A	N/A	17	N/A	N/A	N/A	N/A
	µG/L	5	N/A	N/A	N/A	NF	N/A	N/A	N/A
Potassium	µg/l		N/A	N/A	N/A	N/A	N/A	N/A	423
		250	N/A	N/A	1250 U	N/A	N/A	N/A	N/A
	µG/L	250	N/A	N/A	N/A	NF	N/A	N/A	N/A
Silicon	µg/l		N/A	N/A	N/A	N/A	N/A	N/A	128 B
		50	N/A	N/A	713 J	N/A	N/A	N/A	N/A
	µG/L	50	N/A	N/A	N/A	NF	N/A	N/A	N/A
Sodium	µg/l		N/A	N/A	N/A	N/A	N/A	N/A	323
		2500	N/A	N/A	289 J	N/A	N/A	N/A	N/A
	µG/L	2500	N/A	N/A	N/A	NF	N/A	N/A	N/A
pH									
pH			6.3	N/A	N/A	N/A	N/A	N/A	N/A
TOC									
Total Organic Carbon	mg/l		N/A	N/A	N/A	N/A	N/A	N/A	3.5
		1	N/A	N/A	1.18 J	N/A	N/A	N/A	N/A
	mg/L	1	N/A	N/A	N/A	NF	N/A	N/A	N/A
Total Carbon									
Total Carbon	mg/L		N/A	N/A	N/A	N/A	N/A	N/A	NF
Total Inorganic Carbon	mg/L		N/A	N/A	N/A	N/A	N/A	N/A	0.55 B