

Table E-3. Pace Analytical Results for Chemicals of Concern In Synthetic Precipitation Leaching Procedure Extract

Sample Number	Matrix	Sample Delivery Group	Date Collected	Analyte	Total or Dissolved	Lab Result	Measurement Uncertainty	Qualifier	Method Detection Limit	Minimum Detectable Concentration	Reporting Limit	Result Units
CR-H-0-SL-01	Soil	S2210147	8/23/2022	Dissolved Radium-226	Dissolved	83.6	1		0.2	0.2	0.3	pCi/L
CR-H-30-SY Combined +25/+270	Soil	S2210162	9/19/2022	Dissolved Radium-226	Dissolved	5.6	0.3		0.2	0.2	0.2	pCi/L
CR-H-4-SY Combined +25/+270	Soil	S2210162	9/15/2022	Dissolved Radium-226	Dissolved	12.7	0.4		0.2	0.2	0.2	pCi/L
CR-H-8-SY Combined +25/+270-01	Soil	S2210162	9/17/2022	Dissolved Radium-226	Dissolved	9.7	0.4		0.2	0.2	0.2	pCi/L
CR-H-8-SY Combined +25/+270-02	Soil	S2210162	9/17/2022	Dissolved Radium-226	Dissolved	11.6	0.4		0.2	0.2	0.2	pCi/L
CR-L-0-SL-01	Soil	S2210147	8/23/2022	Dissolved Radium-226	Dissolved	3	0.2		0.2	0.2	0.3	pCi/L
CR-L-30-SY Combined +25/+270	Soil	S2210147	9/8/2022	Dissolved Radium-226	Dissolved	0.8	0.1		0.2	0.2	0.3	pCi/L
CR-L-4-SY Combined +25/+270	Soil	S2210147	9/6/2022	Dissolved Radium-226	Dissolved	1.5	0.1		0.2	0.2	0.3	pCi/L
CR-L-8-SY Combined +25/+270	Soil	S2210147	9/7/2022	Dissolved Radium-226	Dissolved	1.4	0.1		0.2	0.2	0.3	pCi/L
CR-M-0-SL-01	Soil	S2210147	8/23/2022	Dissolved Radium-226	Dissolved	25.4	0.6		0.2	0.2	0.3	pCi/L
CR-M-30-SY Combined +25/+270	Soil	S2210162	9/13/2022	Dissolved Radium-226	Dissolved	3.7	0.2		0.2	0.2	0.2	pCi/L
CR-M-4-SY Combined +25/+270	Soil	S2210147	9/9/2022	Dissolved Radium-226	Dissolved	5.9	0.3		0.2	0.2	0.3	pCi/L
CR-M-8-SY Combined +25/+270	Soil	S2210147	9/12/2022	Dissolved Radium-226	Dissolved	5.3	0.3		0.2	0.2	0.3	pCi/L
CTS-H-0-SL-01	Soil	S2210147	8/30/2022	Dissolved Radium-226	Dissolved	2.3	0.2		0.2	0.2	0.3	pCi/L
CTS-H-30-SY Combined +25/270	Soil	S2210474	10/17/2022	Dissolved Radium-226	Dissolved	0.6	0.1		0.2	0.2	0.2	pCi/L
CTS-H-4-SY Combined +25/270	Soil	S2210474	10/13/2022	Dissolved Radium-226	Dissolved	2.1	0.2		0.2	0.2	0.2	pCi/L
CTS-H-8-SY Combined +25/270	Soil	S2210474	10/13/2022	Dissolved Radium-226	Dissolved	1.2	0.1		0.2	0.2	0.2	pCi/L
CTS-L-0-SL-01	Soil	S2210147	8/30/2022	Dissolved Radium-226	Dissolved	4.3	0.2		0.2	0.2	0.3	pCi/L
CTS-L-30-SY Combined +25/270	Soil	S2210474	10/6/2022	Dissolved Radium-226	Dissolved	0.6	0.1		0.2	0.2	0.2	pCi/L
CTS-L-4-SY Combined +25/270	Soil	S2210474	10/5/2022	Dissolved Radium-226	Dissolved	0.7	0.1		0.2	0.2	0.2	pCi/L
CTS-L-8-SY Combined +25/270	Soil	S2210474	10/6/2022	Dissolved Radium-226	Dissolved	0.6	0.1		0.2	0.2	0.2	pCi/L
CTS-M-0-SL-01	Soil	S2210147	8/30/2022	Dissolved Radium-226	Dissolved	2.5	0.2		0.2	0.2	0.3	pCi/L
CTS-M-30-SY Combined +25/270	Soil	S2210474	10/13/2022	Dissolved Radium-226	Dissolved	0.6	0.1		0.2	0.2	0.2	pCi/L
CTS-M-4-SY Combined +25/270	Soil	S2210474	10/11/2022	Dissolved Radium-226	Dissolved	1.3	0.1		0.2	0.2	0.2	pCi/L
CTS-M-8-SY Combined +25/270	Soil	S2210474	10/11/2022	Dissolved Radium-226	Dissolved	1.3	0.1		0.2	0.2	0.2	pCi/L
QV-H-0-SL-01	Soil	S2210147	8/27/2022	Dissolved Radium-226	Dissolved	42.9	0.7		0.2	0.2	0.3	pCi/L
QV-H-30-SY Combined +25/270-01	Soil	S2210474	10/3/2022	Dissolved Radium-226	Dissolved	4.2	0.2		0.2	0.2	0.2	pCi/L
QV-H-30-SY Combined +25/270-02	Soil	S2210474	10/3/2022	Dissolved Radium-226	Dissolved	4.4	0.2		0.2	0.2	0.2	pCi/L
QV-H-4-SY Combined +25/+270	Soil	S2210162	10/2/2022	Dissolved Radium-226	Dissolved	7.8	0.3		0.2	0.2	0.2	pCi/L
QV-H-8-SY Combined +25/270	Soil	S2210474	10/3/2022	Dissolved Radium-226	Dissolved	5.8	0.3		0.2	0.2	0.2	pCi/L
QV-L-0-SL-01	Soil	S2210147	8/26/2022	Dissolved Radium-226	Dissolved	10.6	0.4		0.2	0.2	0.3	pCi/L
QV-L-30-SY Combined +25/+270	Soil	S2210162	9/29/2022	Dissolved Radium-226	Dissolved	1.4	0.1		0.2	0.2	0.2	pCi/L
QV-L-4-SY Combined +25/+270	Soil	S2210162	9/20/2022	Dissolved Radium-226	Dissolved	2.8	0.2		0.2	0.2	0.2	pCi/L
QV-L-8-SY Combined +25/+270	Soil	S2210162	9/28/2022	Dissolved Radium-226	Dissolved	3.3	0.2		0.2	0.2	0.2	pCi/L
QV-M-0-SL-01	Soil	S2210147	8/27/2022	Dissolved Radium-226	Dissolved	30.9	0.6		0.2	0.2	0.3	pCi/L
QV-M-30-SY Combined +25/+270	Soil	S2210162	10/1/2022	Dissolved Radium-226	Dissolved	2.4	0.2		0.2	0.2	0.2	pCi/L
QV-M-4-SY Combined +25/+270	Soil	S2210162	9/30/2022	Dissolved Radium-226	Dissolved	5.9	0.3		0.2	0.2	0.2	pCi/L
QV-M-8-SY Combined +25/+270	Soil	S2210162	9/30/2022	Dissolved Radium-226	Dissolved	4.7	0.2		0.2	0.2	0.2	pCi/L
CR-H-0-SL-01	Soil	S2210147	8/23/2022	Uranium	Total	0.22			0.0241		0.05	mg/L
CR-H-30-SY Combined +25/+270	Soil	S2210162	9/19/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CR-H-4-SY Combined +25/+270	Soil	S2210162	9/15/2022	Uranium	Total	0.06			0.0241		0.05	mg/L

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CR-H-8-SY Combined +25/+270-01	Soil	S2210162	9/17/2022	Uranium	Total	0.03		J	0.0241		0.05	mg/L
CR-H-8-SY Combined +25/+270-02	Soil	S2210162	9/17/2022	Uranium	Total	0.033		J	0.0241		0.05	mg/L
CR-L-0-SL-01	Soil	S2210147	8/23/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CR-L-30-SY Combined +25/+270	Soil	S2210147	9/8/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CR-L-4-SY Combined +25/+270	Soil	S2210147	9/6/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CR-L-8-SY Combined +25/+270	Soil	S2210147	9/7/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CR-M-0-SL-01	Soil	S2210147	8/23/2022	Uranium	Total	0.23			0.0241		0.05	mg/L
CR-M-30-SY Combined +25/+270	Soil	S2210162	9/13/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CR-M-4-SY Combined +25/+270	Soil	S2210147	9/9/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CR-M-8-SY Combined +25/+270	Soil	S2210147	9/12/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CTS-H-0-SL-01	Soil	S2210147	8/30/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CTS-H-30-SY Combined +25/270	Soil	S2210474	10/17/2022	Uranium	Total	50			24.1		50	µg/L
CTS-H-4-SY Combined +25/270	Soil	S2210474	10/13/2022	Uranium	Total	50			24.1		50	µg/L
CTS-H-8-SY Combined +25/270	Soil	S2210474	10/13/2022	Uranium	Total	50			24.1		50	µg/L
CTS-L-0-SL-01	Soil	S2210147	8/30/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CTS-L-30-SY Combined +25/270	Soil	S2210474	10/6/2022	Uranium	Total	50			24.1		50	µg/L
CTS-L-4-SY Combined +25/270	Soil	S2210474	10/5/2022	Uranium	Total	50			24.1		50	µg/L
CTS-L-8-SY Combined +25/270	Soil	S2210474	10/6/2022	Uranium	Total	50			24.1		50	µg/L
CTS-M-0-SL-01	Soil	S2210147	8/30/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
CTS-M-30-SY Combined +25/270	Soil	S2210474	10/13/2022	Uranium	Total	50			24.1		50	µg/L
CTS-M-4-SY Combined +25/270	Soil	S2210474	10/11/2022	Uranium	Total	50			24.1		50	µg/L
CTS-M-8-SY Combined +25/270	Soil	S2210474	10/11/2022	Uranium	Total	50			24.1		50	µg/L
QV-H-0-SL-01	Soil	S2210147	8/27/2022	Uranium	Total	0.38			0.0241		0.05	mg/L
QV-H-30-SY Combined +25/270-01	Soil	S2210474	10/3/2022	Uranium	Total	50			24.1		50	µg/L
QV-H-30-SY Combined +25/270-02	Soil	S2210474	10/3/2022	Uranium	Total	50			24.1		50	µg/L
QV-H-4-SY Combined +25/+270	Soil	S2210162	10/2/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
QV-H-8-SY Combined +25/270	Soil	S2210474	10/3/2022	Uranium	Total	50			24.1		50	µg/L
QV-L-0-SL-01	Soil	S2210147	8/26/2022	Uranium	Total	0.26			0.0241		0.05	mg/L
QV-L-30-SY Combined +25/+270	Soil	S2210162	9/29/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
QV-L-4-SY Combined +25/+270	Soil	S2210162	9/20/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
QV-L-8-SY Combined +25/+270	Soil	S2210162	9/28/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
QV-M-0-SL-01	Soil	S2210147	8/27/2022	Uranium	Total	0.63			0.0241		0.05	mg/L
QV-M-30-SY Combined +25/+270	Soil	S2210162	10/1/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L
QV-M-4-SY Combined +25/+270	Soil	S2210162	9/30/2022	Uranium	Total	0.029		J	0.0241		0.05	mg/L
QV-M-8-SY Combined +25/+270	Soil	S2210162	9/30/2022	Uranium	Total	0.05		U	0.0241		0.05	mg/L

Notes:

The primary chemicals of concern are uranium and radium-226. Not all metals analytes are presented on this table.

Laboratory quality assurance and quality control samples are not presented. These data are available in laboratory data reports.

µg/L Microgram per liter

pCi/L Picocurie per liter

J Estimated result

U Nondetected result

mg/L Milligram per liter