

Soil / Sediment Sampling Data
R6 LA Lead Cables
EPA Region 6

Analyte						Lead	Lead (#10 Sieve)	Lead (#100 Sieve)	Lead (Max XRF Screening)
CAS.NO						7439-92-1	7439-92-1	7439-92-1	7439-92-1
Units						mg/kg	mg/kg	mg/kg	mg/kg
05/2023 EPA Residential Summary RSL						400	400	400	400
Station	Parish	Sample ID	Matrix	Date	Type	--	--	--	--
Bayou Lafourche									
BL-2.2-01	Assumption	LALC-BL-2.2-01-20230928-0925-51	Soil	9/28/2023	FS	59.1	56.1	67	39
BL-2.2-01	Assumption	LALC-BL-2.2-01-20230928-0936-51	Soil	9/28/2023	BG	249	252	369	--
Bayou Teche North									
BT-10.1	Iberia	LALC-BG-02-20230929-51	Soil	9/29/2023	BG	55.9	54.5	51	--
BT-5.1	Iberia	LALC-BG-05-20230929-51	Soil	9/29/2023	BG	39	33.1	35.5	--
BT-1.1-01	Iberia	LALC-BT-1.1-01-20230926-1656-51	Soil	9/26/2023	FS	683	3300	708	477
BT-1.1-01	Iberia	LALC-BT-1.1-01-20230926-1656-52	Soil	9/26/2023	FD	429	592	704	477
BT-17.1-01	Iberia	LALC-BT-17.1-01-20230927-1144-51	Soil	9/27/2023	FS	171	64.9	139	79
BT-24.1-01	St. Martin	LALC-BT-24.1-01-20230926-1437-51	Soil	9/26/2023	FS	1020	1050	1430	1153
BT-24.1-01	St. Martin	LALC-BT-24.1-01-20230926-1437-52	Soil	9/26/2023	FD	965	951	1450	1153
BT-8.1	Iberia	LALC-BG-03-20230929-51	Sediment	9/29/2023	BG	17.2	--	--	--
BT-1.1-01	Iberia	LALC-BT-1.1-01-2-20230926-51	Sediment	9/26/2023	FS	114	--	--	--
BT-1.1-01	Iberia	LALC-BT-1.1-01-2-20230926-52	Sediment	9/26/2023	FD	656	--	--	--
BT-17.1-01	Iberia	LALC-BT-17.1-01-2-20230927-51	Sediment	9/27/2023	FS	121	--	--	--
Bayou Teche South									
BT-26.2-01	St. Mary	LALC-BT-26.2-01-2-20230925-51	Sediment	9/25/2023	FS	9.8	--	--	--
Mississippi River East									
MISS-1.4-01	Orleans	LALC-MISS-1.4-01-20230928-1825-51	Soil	9/28/2023	FS	257	1310	311	264
MISS-3.1-01	Orleans	LALC-MISS-3.1-01-2-20230928-51	Sediment	9/28/2023	FS	8.9	--	--	--
MISS-3.1-01	Orleans	N/A XRF Only	Soil	9/28/2023	XRF	--	--	--	2343
MISS-3.1-01	Orleans	N/A XRF Only	Soil	9/28/2023	XRF	--	--	--	1504
Mississippi River West									
MISS-12.1-01	Ascension	LALC-MISS-12.1-01-20230927-1449-51	Soil	9/27/2023	FS	334	421	672	1350
MISS-12.3-01	Ascension	LALC-MISS-12.3-01-20230927-1548-51	Soil	9/27/2023	FS	1170	991	1720	1076
MISS-12.4-01	Ascension	LALC-MISS-12.4-01-20230927-1432-51	Soil	9/27/2023	FS	66.8	72.4	74.5	161

Notes:
mg/kg - milligrams per kilogram
FS - Field Samples
FD - Field Duplicate
BG - Background Sample
XRF - XRF reading only, no sample collection due to only aggregate material only, no soil.
Bolded values denote detections above EPA Screening Values



Surface Water / QC Water Sampling Data
R6 LA Lead Cables
EPA Region 6

Analyte						Lead
CAS.NO						7439-92-1
Units						ug/L
Station	Parish	Sample ID	Matrix	Date	Type	--
Bayou Teche North						
BT-11.1	Iberia	LALC-BG-01-20230929-11	Surface Water	9/29/2023	BG	3.2 U
BT-12.1	Iberia	LALC-BG-04-20230929-11	Surface Water	9/29/2023	BG	3.2 U
BT-1.1-01	Iberia	LALC-BT-1.1-01-20230926-11	Surface Water	9/26/2023	FS	3.2 U
BT-12.1-01	Iberia	LALC-BT-12.1-01-20230929-11	Surface Water	9/29/2023	FS	3.2 U
BT-12.1-01	Iberia	LALC-BT-12.1-01-20230929-12	Surface Water	9/29/2023	FD	7.1
BT-17.1-01	Iberia	LALC-BT-17.1-01-20230927-11	Surface Water	9/27/2023	FS	19.7
Bayou Teche South						
BT-26.2-01	St. Mary	LALC-BT-26.2-01-20230925-11	Surface Water	9/25/2023	FS	3.2 U
Mississippi River Central						
MISS-7.1-01	St. Charles	LALC-MISS-7.1-01-20230925-11	Surface Water	9/25/2023	FS	3.2 U
Mississippi River East						
MISS-3.1-01	Orleans	LALC-MISS-3.1-01-20230928-11	Surface Water	9/28/2023	FS	3.2 U
MISS-3.1-01	Orleans	LALC-MISS-3.1-01-20230928-12	Surface Water	9/28/2023	FD	3.2 U
Field QC						
Field QC	N/A	LALC-BG-BG-01-20230929-45	QC Water	9/29/2023	FB	3.2 U
Field QC	N/A	LALC-BT-26.2-01-20230925-45	QC Water	9/25/2023	FB	3.2 U
Field QC	N/A	LALC-MISS-7.1-01-20230926-45	QC Water	9/26/2023	FB	3.2 U
Field QC	N/A	LALC-MISS-3.1-01-20230928-45	QC Water	9/28/2023	FB	3.2 U

Notes:

ug/L - micrograms per liter

FS - Field Samples

FD - Field Duplicate

FB - Field Blank

BG - Background Sample

Screening criteria for surface water samples are not yet determined

