

### Human Health Standards compared to Total Metals results

Sampling Location	Arsenic Standard (µg/L)	Arsenic Result (µg/L)	Exceed standard	Barium Standard (µg/L)	Barium Result (µg/L)	Exceed Standard	Nickel Standard (µg/L)	Nickel Result (µg/L)	Exceed Standard?
Lee 1A	10	2	No	1000	40	No	25	2	No
Lee 2A	10	2	No	1000	43	No	25	2	No
Lee Mid	10	2	No	1000	44	No	25	2	No

### Freshwater Standards

Non-hardness dependent – Acute Standard

Sampling Location	Mercury Standard (µg/L)	Mercury Result (µg/L)	Exceed standard	Selenium Standard (µg/L)	Selenium Result (µg/L)	Exceed Standard
Lee 1A	0.012	0.2*	No	5	1.0	No
Lee 2A	0.012	0.2*	No	5	1.0	No
Lee Mid	0.012	0.2*	No	5	1.0	No

\*Below detection limit

Acute standard compared to average of dissolved metals samples

Lee 1A

PARAMETER	Calculated Standard (µg/L)	Average Result (µg/L)	Exceed Acute Standard?
Hardness (mg/L)		23	
As, dissolved	340*	2	No
Be, dissolved	65*	5	No
Cd, dissolved	0.8	1	No
Cr III, dissolved	170	5 <sup>+</sup>	No
Cr VI, dissolved	16	5 <sup>+</sup>	No
Cu, dissolved	3.3	2	No
Pb, dissolved	12.6	2	No
Ni, dissolved	134.5	2	No
Ag, dissolved	0.255	1	No
Zn, dissolved	34	10	No

\*Not hardness dependent (i.e., not calculated).

+Total Chromium concentration.

Lee 2A

PARAMETER	Calculated Standard (µg/L)	Average Result (µg/L)	Exceed Acute Standard?
Hardness (mg/L)		23	
As, dissolved	340*	2	No
Be, dissolved	65*	5	No
Cd, dissolved	0.7	1	No
Cr III, dissolved	169	5 <sup>+</sup>	No
Cr VI, dissolved	16	5 <sup>+</sup>	No
Cu, dissolved	3.3	2	No
Pb, dissolved	12.4	2	No
Ni, dissolved	133.2	2	No
Ag, dissolved	0.250	1	No
Zn, dissolved	33	10	No

\*Not hardness dependent (i.e., not calculated).

+Total Chromium concentration.

Lee Mid

PARAMETER	Calculated Standard( $\mu\text{g/L}$ )	Average Result ( $\mu\text{g/L}$ )	Exceed Acute Standard?
Hardness (mg/L)		23	
As, dissolved	340*	2	No
Be, dissolved	65*	5	No
Cd, dissolved	0.7	1	No
Cr III, dissolved	169	5 <sup>+</sup>	No
Cr VI, dissolved	16	5 <sup>+</sup>	No
Cu, dissolved	3.3	2	No
Pb, dissolved	12.4	2	No
Ni, dissolved	133.2	2	No
Ag, dissolved	0.250	1	No
Zn, dissolved	33	10	No

\*Not hardness dependent (i.e., not calculated).

+Total Chromium concentration.