Table 4
Mussel Tissue Analytical Results for Metals
Technical Assistance Grant (TAG) Implementation
Fort Bragg, California
Farallon PN: 3737-001

Sample Location	Sample Identification	Sample Date	Analytical Results (milligrams per kilogram)[1]															
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Bruhel Point	Bruhel Point Mussels	2/26/2026	< 0.50	**1.4**	< 5.0	< 0.50	**0.52**	< 0.50	< 0.50	**0.94**	< 0.50	< 0.050	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**10**
Solider Bay North	Soldier Bay North Mussels	2/27/2026	< 0.50	**4.0**	< 5.0	< 0.50	**0.68**	< 0.50	< 0.50	**2.8**	< 0.50	< 0.050	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**39**
Solider Bay South	Soldier Bay South Mussels	2/27/2026	< 0.50	**4.3**	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	**3.5**	< 0.50	< 0.050	< 0.50	< 0.50	**0.94**	< 0.50	< 0.50	< 0.50	**48**
Screening Levels for Subsistence Fishers[2]			**NE**	**0.00327**	**NE**	**NE**	**0.491**	**NE**	**NE**	**NE**	**NE**	**0.049**	**NE**	**NE**	**2.457**	**NE**	**NE**	**NE**	**NE**
Screening Levels for Recreational Fishers[3]			**NE**	**0.026**	**NE**	**NE**	**4.0**	**NE**	**NE**	**NE**	**NE**	**0.4**	**NE**	**NE**	**20**	**NE**	**NE**	**NE**	**NE**
Monthly Fish Consumption Limit for Unrestricted Consumption (>16 meals per month)[4]			**NE**	**0.002**	**NE**	**NE**	**0.088**	**NE**	**NE**	**NE**	**NE**	**0.029**	**NE**	**NE**	**1.5**	**NE**	**NE**	**NE**	**NE**
Monthly Fish Consumption Limit for No Consumption (<0.5 meals per month)[4]			**NE**	**0.13**	**NE**	**NE**	**5.6**	**NE**	**NE**	**NE**	**NE**	**1.9**	**NE**	**NE**	**94**	**NE**	**NE**	**NE**	**NE**
Advisory Tissue Levels (7 servings/week)[5]			**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**0.031[6]/0.094[7]**	**NE**	**NE**	**1.0**	**NE**	**NE**	**NE**	**NE**
Advisory Tissue Levels, No Consumption[5]			**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**0.44[6]/1.31[7]**	**NE**	**NE**	**15**	**NE**	**NE**	**NE**	**NE**
Advisory Tissue Levels for Cadmium (7 servings/week)[8]			**NE**	**NE**	**NE**	**NE**	**0.039[9]/0.039[10]**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
Advisory Tissue Levels for Cadmium, No Consumption[8]			**NE**	**NE**	**NE**	**NE**	**0.28[9]/2.2[10]**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable cleanup levels.

Results in **bold** denote concentrations above the laboratory reporting limit.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

— denotes sample not analyzed.

NE = not established

[1]Analyzed by U.S. Environmental Protection Agency 6000/7000 Series Methods.

[2]U.S. Environmental Protection Agency Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories, Volume 1, Fish Sampling and Analysis, Third Edition, Table 5-4 Dose-Response Variables and Recommended Screening Values (SVs) for Target Analytes for Subsistence Fishers (based on fish consumption rate of 142.4 g/d, 70kg body weight and, for carcinogens, 10-5 risk level and 70-yr lifetime.), dated November 2000.

[3]U.S. Environmental Protection Agency Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories, Volume 1, Fish Sampling and Analysis, Third Edition, Table 5-3 Dose-Response Variables and Recommended Screening Values (SVs) for Target Analytes for Recreational Fishers (based on fish consumption rate of 17.5 g/d, 70kg body weight and, for carcinogens, 10-5 risk level and 70-yr lifetime.), dated November 2000.

[4]U.S. Environmental Protection Agency Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories, Volume 2, Risk Assesment and Fish Consumption Limits,Third Edition, Tables 4-1 through 4-4, Monthly Fish Consumption Limits for Carcinogenic and Noncarcinogenic Health Endpoints (based on meal size of 8 ounces), dated November 2000.

[5]California Environmental Protection Agency, Development of Fish Contaminant Goals and Advisory Tissue Levels (ATLs) for Common Contaminants in California Sport Fish, Table 2 Advisory Tissue Levels for Selected Fish Contaminants Based on Non-Cancer Risk Using an 8 Ounce Serving Size (Prior to Cooking), dated June 2008 and updated November 2017.

[6]ATL for women between the ages of 18-45 and children between the ages of 1-17.

[7]ATL for women over the age of 45 and men.

[8]California Environmental Protection Agency, Development of Advisory Tissue Levels for California Sport-Harvested Finfish and Shellfish: Cadmium, Table 1 Advisory Tissue Levels for Cadmium: 4-Ounce Serving Size (Prior to Cooking), dated April 2026.

[9]ATL for pregnant individuals.

[10]ATL for non-pregnant individuals.

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