

Date: September 11, 2024
 To: All Assigned Resources
 Re: Smoke and Air Quality Levels on Wapiti Fire

Job-related exposure to smoke is a major health concern for wildland fire resources. During the period of August 24 through September 10, 2024, smoke from the Wapiti Fire reached high levels in work and sleep areas as identified in the table below. Levels and impacts varied over time and by location, but consistently exceeded the highest level of the Air Quality Index (“Hazardous”) in all monitored sections of the fire, as well as ICP south of Stanley, ID, Valley Creek Spike Camp, and the Westside FOB in Lowman, ID. The widespread, concentrated nature of the smoke resulted in exposure to all on-site personnel.

PM2.5 monitors were installed in all three incident camps/worksites.

PM2.5 Values Aug 30 - Sep 10 2024 (Micrograms/Cubic Meter)							
EPA Unhealthy Level	55	Stanley average	140	Lowman average	89	Valley Spike average	526
EPA Hazardous Level	225+	Stanley max	1,353	Lowman max	650	Valley Spike max	5,616

This letter is supplemental documentation of monitored smoke levels at incident base locations. Agency personnel covered under the National Defense Authorization Act for Fiscal Year 2023 (NDAA) should find the letter unnecessary given existing coverage for illness and disease deemed proximately caused by smoke exposure.

IC Signature

AA Signature