Sampling Order – Pavillion, Wyoming Well MW01

[EPA, U.S. Environmental Protection Agency; mL, milliliter; HCL, hydrochloric acid; mod, modified; ; SIM, selective ion monitoring; BTEX, the compounds benzene, toluene, ethyl benzene, and xylene ; MTBE, methyl tert- butyl ether; HNO3, nitric acid; H2SO4, sulfuric acid; NO_3, nitrate; NO_2, nitrite; NH_4, ammonia; N2, Nitrogen; Ar, Argon; CH4, methane; CO2, Carbon dioxide; O2, oxygen; d18O, delta-18 of oxygen representing the ratio of oxygen-18 to oxygen 16 isotopes; d2H, delta-2 of hydrogen represents the ratio of hydrogen-2 to hydrogen-1 isotopes; d13C of DIC, delta-13 of carbon of dissolved inorganic carbon.]

Laboratory Method	Method Description	Bottle Type/s	Processing	Preservation	Hold Time
		Organics			
EPA 8260B	Volatile Organic Compounds (VOCs) includes ethanol, isobutanol, isopropyl alcohol	3-40 mL clear glass vials	unfiltered	chill	7 days[a]
EPA 8260B	Volatile Organic Compounds (VOCs) includes ethanol, isobutanol, isopropyl alcohol	3-40 mL clear glass vials	unfiltered	pH to <2 with HCL, chill	14 days[a]
EPA 8015B/8021 mod	Gasoline Range Organics+BTEX+MTBE	3-40 mL clear glass vials	unfiltered	chill	7 days[a]
EPA 8015B/8021 mod	Gasoline Range Organics+BTEX+MTBE	3-40 mL clear glass vials	unfiltered	pH to <2 with HCL, chill	14 days[a]
RSKSOP-175	Dissolved gases (Ethane, Ethene, Methane)	3-40 mL clear glass vials	unfiltered	chill	7 days[a]
RSKSOP-175	Dissolved gases (Ethane, Ethene, Methane)	3-40 mL clear glass vials	unfiltered	pH to <2 with HCL, chill	14 days[a]
	Propane	3-40 mL clear glass vials	unfiltered	chill	7 days[a]
	Propane	3-40 mL clear glass vials	unfiltered	pH to <2 with HCL, chill	14 days[a]
EPA 8015B	Diethylene glycol, ethylene glycol, and triethylene glycol, methanol, n-Butanol,	3-40 mL clear glass vials	unfiltered	Chill	14 days[a]
		Change Chamber Bag			
EPA 8270C	Semivolatile Compounds	2-1000 mL baked amber glass	unfiltered	Chill	7 days[b]
8270C/SIM	PAHs, SIM	2-1000 mL baked amber glass	unfiltered	Chill	7 days[b]
EPA 8015B	Diesel Range Organics (DRO	2-1000 mL baked amber glass	unfiltered	Chill	7 days[b]

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TITLE Pavillion

PROJECT NO.