Appendix 1. Selected groundwater quality data for wells and springs in the East Mountain study area

| Station number | Latitude | Longitude | Sample date | Source | Data collected for | Color | Total dissolved solids, filtered, mg/L | Depth of well, feet below land surface datum | Depth to water, feet below land surface datum | Depth to top of interval, feet below land surface datum | Depth to bottom of interval, feet below land surface datum | Water level, feet below land surface datum | Barometric pressure, millimeters of mercury | Calcium, dissolved, milligrams per liter | Magnesium, dissolved, milligrams per liter | Potassium, dissolved, milligrams per liter | Sodium, dissolved, milligrams per liter | Chloride, dissolved, milligrams per liter | Fluoride, dissolved, milligrams per liter | Silica, dissolved, milligrams per liter | Sulfate, dissolved, milligrams per liter | Nitrate, dissolved, milligrams per liter | Ammonia, dissolved, milligrams per liter | Ammonia plus organic nitrogen, dissolved, milligrams per liter | Ammonia plus organic nitrogen, dissolved, milligrams per liter as nitrogen | Nitrite, dissolved, milligrams per liter | Nitrite plus nitrate, dissolved, milligrams per liter | Nitrite plus nitrate, dissolved, milligrams per liter as nitrogen | Nitrite plus nitrate, dissolved, milligrams per liter as N minus O2 | Phosphorus, dissolved, milligrams per liter | Phosphorus, dissolved, milligrams per liter as phosphate | Phosphorus, dissolved, milligrams per liter as P minus O4 | Arsenic, dissolved, micrograms per liter | Boron, dissolved, micrograms per liter | Cadmium, dissolved, micrograms per liter | Chromium, dissolved, micrograms per liter | Copper, dissolved, micrograms per liter | Iron, dissolved, micrograms per liter | Lead, dissolved, micrograms per liter | Manganese, dissolved, micrograms per liter | Mercury, dissolved, micrograms per liter | Molybdenum, dissolved, micrograms per liter | Nickel, dissolved, micrograms per liter | Selenium, dissolved, micrograms per liter | Silver, dissolved, micrograms per liter | Uranium, dissolved, micrograms per liter | Zinc, dissolved, micrograms per liter | Acid-neutralizing capacity, water, milligrams per liter as calcium carbonate | Acid-neutralizing capacity, water, milligrams per liter as calcium carbonate equivalent | Alkalinity, water, milligrams per liter as calcium carbonate | Alkalinity, water, milligrams per liter as calcium carbonate equivalent | Bicarbonate, water, milligrams per liter as calcium carbonate | Bicarbonate, water, milligrams per liter as calcium carbonate equivalent | Carbonate, water, milligrams per liter as calcium carbonate | Carbonate, water, milligrams per liter as calcium carbonate equivalent | Hardness, noncarbonate, water, milligrams per liter as calcium carbonate | Hardness, noncarbonate, water, milligrams per liter as calcium carbonate equivalent | Hardness, water, milligrams per liter as calcium carbonate | Hardness

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Organic carbon, water, unfiltered, milligrams per liter	Total nitrogen, water, unfiltered, milligrams per liter	Total phosphorus, water, unfiltered, milligrams per liter	Orthophosphate, water, unfiltered, milligrams per liter as ortho-phosphate	Phosphorus, water, filtered, milligrams per liter	Phosphorus, water, filtered, milligrams per liter as phosphorus	Phosphorus, water, unfiltered, milligrams per liter	Phosphorus, water, unfiltered, milligrams per liter as phosphorus	Total nitrogen, water, unfiltered, milligrams per liter	Total nitrogen, water, unfiltered, milligrams per liter as nitrogen	Organic carbon, water, filtered, milligrams per liter	Organic carbon, water, filtered, milligrams per liter as carbon	Sulfate, water, filtered, milligrams per liter	Sulfate, water, filtered, milligrams per liter as sulfate	Sulfate, water, unfiltered, milligrams per liter	Sulfate, water, unfiltered, milligrams per liter as sulfate	Methylene blue active substances, water, filtered, milligrams per liter	Methylene blue active substances, water, filtered, milligrams per liter as methylene blue	Chloride, water, unfiltered, milligrams per liter	Chloride, water, unfiltered, milligrams per liter as chloride	Dissolved oxygen, water, unfiltered, milligrams per liter	Dissolved oxygen, water, unfiltered, milligrams per liter as oxygen
15	5.1	<.01								1	80	8		<1.0							
12	5.1									14	70										
14	15.1									13	50	5		<1.0							
15	28.8									13	50										
15	28.8									13	50	5		<1.0							
15	30.4									13	50										
15	30.4

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