

*Columbia Water Works.*—We had the pleasure on Friday last of seeing these works put into full operation. Every part of the machinery worked in the most perfect manner; and the pure spring water of the valley with great apparent ease and regularity flowed into the reservoir, which has a perpendicular elevation above the lower basin of 116 feet and above the common level of the town of 35 feet. The distance on an inclined plane from the basin where the water is collected, to the summit of discharge is 900 feet, and is laid down with iron pipes of eight inches interior diameter. The forcing pumps make 54 strokes in a minute when the steam engine is at ordinary speed, and discharge 10,000 gallons of water into the town in one hour. The beauty of the machinery and the permanent construction of the work is believed not to be excelled by any similar establishment in the United States. The greatest credit is due to the manufacturers, Messrs. Galloway and Bowman of Manchester, England, and to Mr. Johnson the engineer, whose ingenuity and attention to the erection of this beautiful establishment cannot be too highly extolled. Col Blanding could not have put this work into more faithful hands. The whole of Richardson street, from the state house to Upper-Boundary street, has been laid down with cast iron pipes. The extent of pipes laid down is a little more than one mile and a quarter, affording a supply of water to more than half of the population of the place. We understand, by his charter, Col. Blanding has two years to lay down the other streets. Some of the pipes we perceive are now on the spot, and we may reasonably expect that all our citizens may soon be supplied with water, conducted through iron, which, it is understood, never gives an unpleasant taste or deleterious quality to the water. The springs in the valley furnish an abundant supply for a population three times as large as Columbia now contains. The water is pure, cool and delicious issuing through sand from the bottom of a range of hills rising more than 100 feet above the point of their discharge. Whether we regard the health and comfort of our citizens, or the security of the town from fire, this establishment cannot but be considered as of the utmost importance to Columbia.