sidered. One is to bring stream water from Wild Creek, Carbon County and the other is to utilize the excessive water that is being pumped from the quarry of the National Portland Cement Co. a few miles north of Bethlehem.

Catasauqua.—Inasmuch as Catasauqua is mainly included within Lehigh County it seems better to omit any discussion of its water supply in this volume.

Easton.—At present the City of Easton owns the entire system supplying the city with water. Water is pumped from the Delaware River to the extent of 2,300,000 gallons every twenty-four hours. In addition two 490-foot wells about one-fourth mile north of Bushkill Park, in the Beekmantown limestone, yield 150,000 gallons daily. South Easton is supplied with water from six 60-foot wells located close to the Lehigh River about one mile above the junction with the Delaware and one 470-foot well nearby. They are in the Allentown limestone. Together these wells yield 1,296,000 gallons a day. Some springs near the base of Morgan Hill also constitute a part of the South Easton water supply. They yield 140,000 gallons per day.

Hellertown.—For many years Hellertown obtained its entire supply of water from several fine springs on the south side of Poke Valley. The water is collected in a reservoir on the north slope of the hill and from there led through a main to the borough. The water emerging from faults in the pre-Cambrian gneiss is of excellent quality. During a drought a few years ago the supply of water was so low that an additional amount seemed desirable. Accordingly a well was drilled in the bottom of Poke Valley near an old iron mine. It was sunk in the Hardyston sandstone, most of which was thoroughly decomposed. It is 286 feet deep and has never been pumped to capacity. It has yielded 150 gallons per minute for an extended period without lowering the water level.

Nazareth, Pen Argyl and Wind Gap Boroughs.—The Blue Mountain Consolidated Water Co., which obtains its water mainly from the north side of Kittatinny (Blue) Mountain, supplies the boroughs of Nazareth, Pen Argyl and Wind Gap. The water comes partly from the Aquashicola Creek and partly from wells in the near vicinity. Water is obtained also from two wells and some springs on the south side of the mountain about one mile northwest of Pen Argyl.

The company also has the abandoned Douglass slate quarry, located about 2½ miles northwest of Nazareth. This quarry is filled with water from springs. For several years it supplied Nazareth.

Northampton.—Northampton is supplied by the Clear Springs