

## Gouverneur Water-Works.

The Gouverneur Water-Works Company have put in two of Holly's Patent Turbine-Water-Wheels, and three of his No. 5 Rotary Pumps, which are now operating to the entire satisfaction of all. They were tested yesterday, under very unfavorable circumstances, the water in the river being lower than ever before known.

Still they performed more than could have been expected considering the head—only 42 inches, and continually running down. They held a pressure of 65 lbs. to the square inch, as indicated by the steam gauge, giving about 45 lbs. on the street pipes, throwing through short elbows (another disadvantage, as the hose purchased by the Company did not arrive in time for the trial) two one-inch streams to the height of 105 feet. The Company's guarantee is to throw four one-inch streams 80 feet high, with a head of eight feet. That this machinery will perform all that its makers claim for it, there is not a shadow of doubt.

Mr. G. W. Hamilton, the erecting Engineer, is a gentleman, and a mechanic of rare ability. He has spared no pains to complete the Works not only in the shortest time, but in the best possible manner. He was also called upon to lay the River pipe, which operation, though not in his direct line, he performed in a skillful manner, and although the cast-iron pipe proved as he predicted it would,—entirely worthless for the river use,—no blame could be attached to him. He has since put down wrought-iron pipe in its place, and it can now safely be said that the Gouverneur Water-Works Company is in every respect a perfect success. There is also attached to these wheels and pumps an improved regulator, which takes care of them in the absence of the engineer or operator, regulating the speed of the

wheels and the pressure of the pumps in as accurate a manner as possible, whether there is a large or small amount of water escaping the pipe.

We would invite the people of our neighboring villages to examine these Works, feeling confident that they will have no reluctance in pronouncing them the best protection against fires, and at the same time reducing their rates of insurance. They can also have a supply of ready running water in their dwellings and yards. The Holly Manufacturing Company are the parties to furnish the machinery, and Mr. Hamilton is the man to put it up.

The following poem on the Water-Works, was written impromptu, a few evenings since, by a "wandering poet," and is published by request:

## POLTRY.

BY GEORGE G. B. DE WOLF.

There's a man—a man of science,  
Who thinks folding arms is folly;  
On his "Works" we have reliance,  
Add his name is BIRDELL HOLLY.

With his brain full of Machine work,  
And his heart bent on invention,  
He's produced what does no mean work,  
So I ask your kind attention.

Engines made for fire's subduing,  
To subdue the flames arising,  
And save streets and houses from ruin,  
Quicker than we're realizing.

Engines, say the steam and hand ones,  
Wonders of a modern age, men,  
Useful, beautiful and grand ones,  
Puzzling prophet, poet, sage men.

Those, the "Water Works" of Holly's  
Are in triumph, great undying,  
And do seem but useless fables,  
From which nothing good's accruing.

True, where Holly's novel wonder,  
At the cruel fires are going,  
Firemen may say "stand from under,"  
Blessings be from engine's flowing.

But where "Water Works" of Holly's  
Stand to save your house from ruin,  
Other engines must seem fables,  
Useless, idlers, nothing doing.

Those "Works" have a "Regulator,"  
Quickly regulates the pressure,  
Shuts down gates of wheels for water,  
Giving each observer pleasure.

Very high you can throw water,  
Very quick can make it lower,  
Till wife, husband, son and daughter,  
Ask, "Who's seen the like before?"

There's a man, a smart machine one,  
Scientist, active, clever, jolly,  
HAMILTON does prove no "green one,"  
Puts in "Water Works" for Holly.

Calls on city, rural dwellers,  
Calls where men of truth are living,  
Puts the pipes down in your cellars,  
Greatest satisfaction giving.

Then shall fire, the great destroyer,  
Wish to spread vast devastation,  
You can be your own employer,  
At the "Works" can take your station.

And when firemen have assembled  
They'll the "Water Works" be praising,  
They will bid you not to tremble,  
As they're at the wonder gazing.

With brave hearts—(they've always courage,)  
Quick they'll work the cheering stranger,  
Bid their friends new hopes to nourish,  
Saying "here's work without danger."

"Here's the town and city savior,"  
They will shout with lungs of iron;  
Let it with us meet with favor,  
With it we'll be never tiring."

Let me tell you more of Holly,  
Without him there is no gusto,  
He has traveled brave and jolly  
Through from Maine to Minnesota.

Has admired the South's palmetto,  
Trotted with our new England's daughter,  
Bade New York be not forgotten,  
Of his "Engine works" for water.

Introduced them on the railroads,  
All through fair Columbia's nation;  
Introduced them on the railroads,  
And for property's salvation.

Found a man who was far from silly,  
One of rapid thought and motion,  
And this Hamilton, this Willie,  
Puts his plans in execution.

Travels over all parts of the nation,  
Spring and Summer, Autumn, Winter,  
And astonishes creation,  
Getting puffs from every printer.

Get the "Water Works" so splendid,  
Works the savage fire defying,  
And your property's defended,  
When to burn it is trying.