Volume XVII-No. 156.

The Lancaster Intelligencer

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Gentlemen, we are now closing out a heavy stock of Winter Clothing We have a large line of elegant piece goods that must be closed out to make room for our heavy Spring Stock. In order to do this we will

offer special bargains for the next forty days We have also a fine lot of Ready-Made Overcoats in plain and fancy backs, which must be closed out in forty days. Anyone in search of a bargain will find it profitable to examine our immense stock.

MYERS & RATHFON,

POPULAR TAILORS AND CLOTHIERS,

No. 12 EAST KING STREET,

LANCASTER, PENN'A.

IRON RITTERS.

TRON BITTERS.

FRON BITTERS.

IRON BITTERS! A TRUE TONIC.

SURE APPETISER.

IRON BITTERS are highly recommended for all diseases requiring a certain and effi-

INDIGESTION, DYSPEPSIA, INTERMITTENT FEVERS, WANT OF APPE-TITE, LOSS OF STRENGTH, LACK OF ENERGY, &c.

It enriches the blood, strengthens the muscles, and gives new life to the nerves. It acts like a charm on the digastive organs, removing all dyspeptic symptoms, such as Tasting the Food, Belching, Heat in the Stomach, Hearthurn, etc. The only Iron Preparation that will not blacken the teeth or give headache. Sold by all druggists. Write for the A B C Book, 32 pp. of useful and amusing reading—sent free.

BROWN CHEMICAL COMPANY,

BALTIMORE, MD.

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Personal attention given to all kind of MOVINGS this 5 pring.

BEST OF CARE AND REASONABLE PRICES.

for Leave orders for day and date of moving, or address to

J. C. HOUGHTON

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M. A. HOUGHTON.

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FURNITURE. RUYERS: BUYERS:

HEINITSH

			151111115.			
Hair M	attres	tro	m	\$10.00	to	\$1
Wool						
Husk	**			4.50	to	(
Woven	Wire	Mat	tress from	10.00	to	2
Spring	Rode			9 50	to	

Bolsters and Pitlows Made to Order.

Call and see my assortment and be con-inced of the fact that my prices are all right.

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Regilding and Repairing at short notice.

HEINITSH,

15% EAST KING STREET, Over China Hall,

L'OR RELIABLE

FURNITURE

Call at the Old Established Stand of

Widmyer & Ricksecker, S. E. Cor. E. King and Duke Sts. PARLOR, CHAMBER AND LI-BRARY SUITS.

HALL, DINING ROOM AND KITCHEN FURNITURE.

MATTRESSES AND BED SPRINGS.

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RLANK BOOKS. JOHN BAER'S SONS,

15 and 17 NORTH QUEEN STREET. LANCASTER, PA.,

Have for sale, at the Lowest Prices. BLANK BOOKS.

Comprising Day Books, Ledgers, Cash Books, Sales Books, Bill Books, Minute Books, Re ceipt Books, Memorandums, Copying Books, Pass Bookss, Invoice Books, &c.

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8 O'CLOCK COFFEE IS THE PUREST ATLANTIC AND PACIFIC TEA CO., 114 North Queen Street, Lancaster, Pa

TANNED GOODS.

FRUITS, VEGETABLES, FISH, &c.

FRUITS.

Peaches, Pears, Apples, Cherries, Quinces, California Apricots, Egg Plums, Nectarines, Groen Gages, Plums, &c. VEGETABLES.

G. & R. XX. Tomatoes, Winslow, Aldrich and Baker's Green Corn, French and American Green Peas, Pie Pumpkin, &c.

Fresh Saimon, Fresh Lobster, Fresh Mack-erel, Little Neck Clams, Barataria Shrimps, Sardines in Oil, Sardines in Mustard, &c. CONDENSED MILK. Eagle and Swiss Brands.

> BURSK'S, No. 17 EAST KING STREET,

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No. 159½ NORTH QUKEN STREET, near P. R. R. Depot, Lancaster, Pa. Gold, Silver and Nickel-cased Watches, Chains, Clocks, &c. Agent for the celebrated Pantascopic Spectacles and Eye-Glasses. Repairing a specialty.

500 SETS SILVER-PLATED

TABLE SPOONS, TEA SPOONS, MEDIUM AND DESSERT FORKS, DESSERT AND MEDIUM KNIVES,

AUGUSTUS RHOADS'S, Jeweler, 20 East King Street, Lancaster, 1 a. WHOLESALE AND RETAIL

Watches and Clocks,

-OF-

ALL GRADES AND PRICES.

E. F. BOWMAN.

106 EAST KING STREET.

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We have on hand a Large Assortment of BUGGIES AND CARRIAGES.

Which we offer at the

VERY LOWEST PRICES. All work warranted. Give us a call

Solepairing promptly attended to.

One set of workmen especially employed for

het unrose. [n26-tid&w]

(RAIN SPECULATION Write W. T. SOULE & CO., Commission Mer chants, 130 La Salle street, Chicago, Ill., for ch ulars. Lancaster Intelligencer.

THURSDAY EVENING, MAR. 3, 1881.

THEIR CONDITION AND WANTS

THE REPAIRS RECENTLY MADE.

THE WORKING OF THE PUMPS.

A VERY COMPLETE EXHIBIT.

superintendent Kitch's Report to Councils.

To the Honorable the Select and Common Councils of the City of Lancaster: GENTLEMEN: In accordance with the ordinance which provides that an annual report shall be made by the heads of the several city departments, I herewith submit to your honorable bodies the following report of the water department for the year ending February 28, 1881:

I assumed the daties of the office of superintendent of the water works on April 6, 1880, the day following my election by your joint convention. In this report I present to you a statement of the operations of the water department for the year past, the present condition of the different pamping tengines, works, resersuperintendent of the water works on different pumping engines, works, reservoirs, forcing and distributing mains, valves, stops and fire plugs, together with tables showing the amount of water forced into the reservoirs each month of the year and many other items of general interest to the taxpayer. I also present for your consideration the wants of the department and recommend what I consider to be for the best interests of the city.

The water department with all its outlay fails to keep pace with the rapid growth of the city, the consumption being enormous and greater than it should be, as I shall show further on in this report. The water question deserves the special attention of members of council. All of our citizens are interested in it; all want an abundant supply of pure water, for on it rests in a great measure the health, safety and prosperity of every one in the

Complaint of Lack of Water. of appeal was April 16, 1880. and while the water committee was in session on that occasion there were many complaints from citizens living on the high grounds of the Fifth, Sixth, Seventh, Eighth and Ninth wards that they did not receive an adequate supply of water. On that day the height of water in the western reservoir was 14 feet 2 inches, and in the eastern reservoir 12 feet 10 inches. I was directed by the water committee to raise the water to the highest point in the

reservoir consistent with safety, which I The Eastern Reservoir. The eastern reservoir was in a leaky condition when I assumed charge of the water department. The report of my predecessor, of February, 1879, shows that he called the attention of conneils to the dangerous condition of the reservoir as early as 1878, but no attention was paid by councils to his recommendation to have posed that the reservoir would get any better with constant use. In May, 1880, I informed the committee of the dangerous condition of the reservoir and told them if ation. it was not immediately repaired the whole north bank would be washed out. The committee visited the reservoir on May 21

kept up in the reservoir to the height ing a total of 288. required to supply the high portions of the city, the bank would give way. By the direction of the committee the water in the reservoir was lowered. At the meeting of the water committee, on May 24th, 1880, six members out of seven being present, they manimously resolved to proceed with the repairing of the reservoir under my supervision. Contracts were entered into by the committee for brick, sand, coment, laying of bricks and hauling. That part of the work not contracted for was labor and this was placed under my immediate charge for the reason that it was impossible to tell the extent or nature of the work to be done until the bot-

tom and sides were torn up and thoroughly examined and tested. Work was commenced May 31st, and completed August 16th. Water was turned into the reservoir on August 18th. The total cost of the repairs was \$6153.20. The reservoir has now been full nearly seven months and has been exposed to a severe test, owing to the hard winter, and has shown no signs of leaking up to the present time. On the completion of the work in August, I made a full report of the same, which was printed for the use of members of

The months of June, July, August and September, the water being low in the creek, the Worthington pump, although taxed to its utmost capacity to keep up the supply, lost during the business portion of the day from one to two inches per hour, and there was nothing left for me to do but to run the duplex pumping engine 22 or 23 hours and sometimes the day and night continuously, before the water in the reser voir was forced to the point where the signal sounded, signifying that the reservoir was filled to a height consistent with the safety of the banks.

Water Pumping Power. The Geyelin pump was operated during my term 3748 hours, making in that time 2.923,440 revolutions and pumping 54,641,-12 gallons of water.

The Birkinbine pump, No. 2, was operated 4,057 hours, making 4,868,400 revolutions and pumping 125,975,500 gallons of cral water establishments; 3 street water. Total pumping by water power sprinklers. 269,084,567 gallons, costing \$3.57 per millien gallons delivered into the reservoir. Steam Pumping Power,

The Worthington High Service engine was operated during my term 95 hours, making 256,500 revolutions and pumping the reservoir 2,076,300 gallons The Worthington Duplex engine was operated during the term 5319} hours, making 15,631,300 revolutions and pump-

ing into the reservoir 698,677,150 gallons of water The amount of coal used was ,458,662 lbs, and the cost \$3,732.85, making cost 70 cents per hour. Including pay of engineers and fireman, oil, packing, etc. the cost was \$7.74 per million gallons.

The following table shows in detail the working of the several pumps during my

Results of Water Power Pumps for the Year ending February 28, 1881.

Totals.... 3748 20231405:641712 2737 3804580 88458255 4057 4868400 125975500 260084567 Worthinton High Service Result of Wortblugton Duplex Engine. MONTHS.
 May
 340
 54
 1101600
 41310300
 12010
 55
 2634

 June
 531
 58
 1847800
 62293000
 229800
 55
 364

 July
 5.7
 60
 2077290
 77895000
 248200
 55
 2634

 August
 609
 60
 2192100
 8215500
 2.5887
 5
 21½

 September
 760
 60
 2520009
 1450000
 27600
 55
 27

 October
 650
 60
 217.000
 8400000
 32850
 55
 27

 November
 552
 58
 196959
 7083000
 250210
 60
 28

 December
 54a
 54
 176800
 6217500
 21980
 60
 30

 January
 470
 50
 1522800
 57165000
 222850
 60
 30

 February
 37.34
 78
 1306742
 496927.0
 196515
 60
 28
 Total. ... 95 256500 2073306 38416 33650 29674 Total. . . . 531914 186313 0 08677150 \$2458672

ruary 16, 1881.

slight repairing.

inches.

Pumps, Engines, &c.

been repaired and is now in good condi-

tion. Birkinbine No, 2, needs slight re-

pairing. The boilers from being kept too constantly in use are in bad condition.

The walls supporting the boilers have been repaired three times this winter, the

last time on this (Monday) February 28th.

The small Worthington feed pump needs

Damaged by the Ice.

The ice a few weeks ago damaged the

water works slightly. The wing wall on the east and the abutment on the west

have been damaged, but can be repaired

at slight expense. The ice on the reser-

voirs has damaged the brick work making

the whole way around and have it re-

rainmed and relaid. I attribute the dam-

age to the brick work to the great thick-

Connections at Certain Points.

To Prevent Inconvenience

A Telephone Needed.

Receipts from Water Rents.

The mayor, as chairman of the water

committee, in a special message to coun-

necessity for a newsix million gallon pump,

four forty-horse power boilers, boiler house

to accommodate them, a 20-inch main on

Orange street from Lime to Charlotte, a

16-inch main on Duke street, from

Orange street, northward to James, and a

16-inch main on Charlotte street from West King to James. About the necessity of

another set of boilers there can be no

question. The matter was strongly dis-

cussed at the February meeting of com-

mon council. But one member was op-

posed to them, and to satisfy himself of

the condition of the boilers now in use, he

visited the works on the day following the

gation he frankly admitted that he was in

error in opposing the purchase of new

The revenue from the water depart-

ment, as will be seen from the table

now being 60 per cent. greater than in

1874. There is not to-day in the United

that is to happen is the giving out of eith-

er and the famine is upon us, for the reservoirs hold but a 48 hours supply. Then

1881, \$39,000, (cstimated.)

made to the main.

ness of the ice. I would recommend coun-

it necessary to take up four feet of brick

§Ail of the coal used for steam power has been charged to Worthington Diptex Engine, for the reason that this engine was in use every month, and for convenience in making

From February 2S to Ap il 6. The following, taken from the record at the water works, shows the number of gallons pumped from February 28, the date of my predecessor's report, to April

WORTHINGTON DUPLEX. March 22, 20,452 strokes and 766,950 March 23, 33,898 strokes and 1,271,175

CEYELEN PUMP. March, 529 hours, 301,987 strokes and ,095,857 gallons.

BIRKINDINE, NO. 1. March, 668 hours, 921,840 strokes and 23,046,000 gallons. BIRKINBINE, NO. 2. March, 681 hours, 939,700 strokes and

23,494,500 gallons. Pipe Extension. During the past year pipe has been laid The table below in the following streets.

will explain where and the dimensions : Sirects. North Queen..... Grant..... Marietta Avenue...... 110 John Marion Millin Prince to Love Lane.....

Of the above pipe 1650 feet were taken up on Lemon street and relaid with a larger pipe; 320 feet on John stre. t was laid with an 8 inch pipe, where a 4 inch had been; 475 feet on Plum street and 750 feet on East Strawberry street were relaid on account of a change in the grade of the the same repaired, and it is not to be sup- street. The total cost in the pipe laying department was \$3053,56 or less then 50 cents a foot. Of that amount but \$2466 .-

13 was taken from this year's appropri-Plues and Stop-Vaives. Twelve new fire plugs were put in dur-

ing the year making 348 plugs how in the and found it to be in a very unsafe condi-tion. In their opinion if the water was to 10 inches were put in as required makcity. Sixteen new stop-valves of from 4 Our Water Mains.

The following lengths and sizes comprise the water mains of the city of Lan-

32847 " ** 1275 " 10 "

12 " " 24 " "

Making a total of 153,938 feet or between 29 and 30 miles of pipe. Map of the Water Pine. In the map of the water pipe now in our city, I found many inaccuracies, principally in not having on it the proper size of the pipe and connections. On several occasions I made arrangements to lay pipe according to the map and was compelled to leave trenches open while special eastings were being made, being misled by the information on the map. I have corrected

errors in the map when I found them. New Renters. During the year 152% inch ferrules and 2 one-inch ferrules have been inserted and one four-inch connection made, being a greater | the telephone connection made could be number of new renters in one year than

we ever had. Our Water Rents in Detail. water duplicate for the ensuing year :

The following table is a synopsis of the 564 Total number of houses using water.

Seven hundred and eighteen pave washs with hydrant; 33 pave washes without ydrant; 735 private baths; 843 water losets; 69 public water closets; 22 public baths; 25 public urinals; 33 private urinals; 43 hotels; 58 restaurants; 88 steam engines from 5 to 500 horse-power; 39 bakeries; 26 private stables; 16 hotel stables; 7 livery stables; 3 exchange stables; 262 horses; 76 cows; 12 dentistries; 26 barber shops; 17 fountains; 5 The Birkinbine pump, No. 1, was operated 2,757 hours, making 3,804,580 revolutions of houses; 10 slaughter houses; 7 currying houses; 10 slaughter houses; 1 launshops; 6 breweries; 5 tanneries; 1 laundry; 5 foundries; 3 stock or drove yards;

> The Reservoirs. The following table shows the average heighth of water in the reservoirs each month of the year, also the least and greatest heighth:

onth.	east		irealest		lverage		cast		reatest		verage	
	~		~~		~~		-		~		~	
	n	in	rt	in	Ħ	in	it	in	ft	in	It	in
ril	14	1	15	4	14	8	12	9	14		13	4
y	12	8	15	9	14	5	10	11	13	6	12	10
ie	15	4	15	10	15	6	W	ate	rot	ıt i	n M	lav
y		6	18	6	15	6	ru	n i	n fi	a A	ug.	33.5
gust		- 6	15	6	15	4	11	2	13		11	3
	15	6	15	6	15	6	11		11	2	11	1
tober.	15		15	6	15	5	111		11		11	
vem r	13		15		15	- 11	13	6	13	6	13	6
ce'ber	15		15		15		13	6	13	6	13	6
nnary!	12	5	15		14	11	13	6	13		13	6
bru'y	11		15		14	8	13	6	13		13	6

it will be too late to remedy the matter. rack constructed of iron in the head race Now is the proper time to prepare for an emergency. With duplicate pumps and plies the Worthington engine. boilers our citizens can rest easy. They cannot if they depend upon water power alone furnishing an adequate supply of

If councils think that the city is not now financially able to purchase a new pump, a stand-pipe, as a temporary relief, might be considered by councils. If they desire it, I will furnish estimate of cost of erec-

tion of same.

Water Meters, I would recommend the adoption of the water meter as the only proper method by which to assess water rents. If meters are introduced and the consumption of water is the same as it is to-day, and the city were to charge one cent per hundred gallons, the revenue from water rents would be \$90,000 a year, or over \$50,000 a use over system is adopted there would be more care and a saving possibly of 33 per cent. in the water consumed, still leaving a revenue to the city of \$60,000. By this system the small family economical in the use of water would have but a nominal water rent to pay, while the heavy manufacturers and corporations, who use millions of gallons of water annually will pay for just what they use or waste and no more. The greatest advantage of their introduction would be, that for years to come you save a vast outlay for improvements at the water works, which cannot be avoided if the increase in rentors in the next seven years is as great as it was in the The resorvoirs were frozen over Novemlast seven years. The only thing that can ber 23, 1880, and remained so until Feb- be urged against the system is that it is expensive. A trial should be given by the introduction of a few and if it is found The Worthington engines are in first that the system is advantageous to the city, then meters should be furnished to lass condition. The Geyclin pump is just all renters. The following table shows as I received it; no repairs were made on it, and none needed. No 1 Birkinbine has the meters required and cost of the same.

18 four inch meters to be placed as fol-

ows: Pennsylvania Railroad Company, 3; Reaving Railroad Company, 1; at Cotton Factories, 7; at Gas Works, 2; at County Almshouse and Hospital, 2; at Sievens House, Dye House and County Prison each one, put in complete order, at \$290 each, cost....\$ 5,229 es three-inch meters—Furnace. Penn Iron Works and Watch Factory at \$19 each...\$ 350 co. Ac. @ \$17 20 %-inch meter, Gardens @ \$30. 10 %,-inch meters, Breweries @ \$30. 1,690 %-inch meters, Two-story houses 60 \$50 (2),660 00 (3),510 2,4nch meters, Two story houses (7,220 0) 518 3,4nch meters, Three-story houses 6 \$30. 2037, Inch Laters, Fourstory houses 6 \$30. 821 % inch meters, One-story houses ci's to have the lease with Mr. Hartman so Difference in price of is t-ach meters amended that he would be compelled to

amended that he would be compelled to and minimum cost of \$\frac{2}{2}\tag{2}\t Difference in price of 29 1-inch meters (Gardens) and relaimum cost of %... Difference in price of 10 %-inch me-ters (Broweries) and minimum cost At nearly all our crossings, our water pipes cross each other without being conof Sa. Difference in price of 1,000 Scinch neeted. I would recommed connections to be made at Orange and North Queen, Duke and East King, Lime and Orange, meters (two-story houses) and min-laum cost of 2 difference in price of 518 3/inch Vine and South Queen streets, and several other points. By having these connections the pressure would be equalized and when a heavy draw is made in summer time it will be distributed all around. The high (three-story houses) and minimum cost of 5g.
Difference in price of 29 3g-inch (four-story houses) and minimum cost of 3g.

\$21,130 00 points of the city will then all be on an Leaving the net cost to the city \$75,equality and when one has water, all will 840, anticipating that those using a larger meter than ; inch will be compelled to pay For the Relief of the Sixth Ward. the difference between that size and those To give the Sixth ward a better supply Water Consumed Daily. of water I would recommend flange pipes The average daily consumption of water of not less than 16 inches in diameter to be laid over the Dnke, Lime and Shippen during my term was 2,903,706 gallons. streets' railroad bridges. The Sixth ward Our population is 25,846, making our per is now suppled with water from the pipe capita consumption 112 gallons. That is Pinm street, by a 4

exceeded by but one city in the United pipe running from Chestnut and Christian States that we have statistics of-Pittsstreets across the railroad, through the hook and ladder house on to Duke burgh, In New York, Philadelphia, Chicago, Cincinnati, Boston, St. Louis and a dozen street, and the back pressure from the North Queen street main, which does not furnish an adequate supply. By adopting the above recommendation the Sixth capita. Providence, R. I., with four times the population of Lancaster, uses but lit. PHILADELPHIA—Smith, Kine & Co., John ward would get all the water they required, and the numerous complaints of the more water than we do, and the small lack of water from that section of the eity will cease.

per capita consumption is accounted for by the meter system of charges.

Distributing Mains. Stops or valves shoud be inserted in the There are now between 14 and 15 miles mains supplying the most populous por- of small mains, ranging in size from 2 to tion of the city, so that when a break oc 4 inches in diameter laid throughout ears, the business portion of the city will our city. I would recommend that not be cut off from a supply of water, as all these be taken up and larger was the case some time ago, when the mains substituted. Ten to twelve-inch water was stopped off at North Queen mains should be laid at once in the higher and Orange streets, and East King and portions of the city. In no case would I Lime streets. There are now sections of advise the laying of less than six or eight

from 1 to 4 squares that have no valves or stops. This should be remedied by councils without delay, and prevent the inconvenience that may at any time deprive eitizens of water when it is most needed. When the proper valves or stops are put in and the water has to be shut off, few will be inconvenienced, where now hundreds are subject to the annoyance of being without water, when repairs are being made to the water of the water only one should be puring the last few years separate pipes have.

An evil that has existed in the water department is the furnishing of two or more houses from the same service pipe. If a break occurs several families are inconvenienced, where now hundreds are subject to the annoyance of being without water, when repairs are being without water, when repairs are being ing the last few years separate pipes have been insisted on, but there are still many cases where as high as a half dozen houses There should be a telephone connection are receiving water from one pipe. This evil should be remedied at once.

established between the mayors office, station house, reservoirs and water works. Heavier Pipe Required. In case of a sudden break at the works or Persons attaching to main should be reservoir, many times the cost of having empelled to put in, from the main to the curb, a lead pipe weighing not less than saved if word could be sent to the mayors 3 pounds to the foot. If that weight of office or station house, where there is alpipe is adopted there will be no danger of ways some one on duty and the necessary breakage, as it will stand all pressure, and help could speedily be sent to repair the in addition, last a lifetime. This weight has been adopted in several cities and has been found to work well, save to be the put up in Dry Vegetable Form, in The following are the receipts from water rent for the last several years, totime and trouble and prevent unnecessary labor and annovance to those in charge of the water department. The lead and iron | # for the convenience of those who cannot gether with those of the coming year: pipe that is now put in, as a rule, is too E3 readily prepare it. It acts with equal 1874, \$24,000; 1875, \$24,500; 1876, \$26,-493.56; 1877, \$29,256.89; 1878, \$30,126.light, and being laid across trenches, is 85; 1879, \$31,378.97; 1880, \$35,930.19; apt to break from frost and sinkage of GET IT OF YOUR DRUGGIST. PRICE, \$1.

trenches. It would be economy to put in a stop north cils in December, set forth at large the of 24 inch Y on flat below the almshouse, needs of the water department. I cannot so that the water need not be left out of add anything to what he has already so pipe while repairs are being made at the well said, but can repeat that there is a works, for the reason that the great pressure on the joints when they start to fill the pipe are apt to burst them. Such has been my experience.

To Relieve the Seventh Ward. If a six-inch main were to be laid from the Children's Home across Low street, (not yet opened but soon to be), a distance of about 400 feet to Freyburg street, the southern portion of the Seventh ward would be supplied with water. when there is any in the resorvoir. That portion of the city suffers from a lack of water at COUGHS, COLDS, SORE THROAT, times and this plan would relieve it. Removal of Fire Plugs.

I would recommend that the plugs at Eshleman & Rathvon's corner and in front of A. K. Hoffmeier's store, on East King street, be removed. The arches underneath them render them liable to freeze. They could be moved a distance of 10 feet at a slight expense. I was compelled to above, has rapidly increased, the receipts thaw these plugs out half a dozen times this winter. In Good Condition. States a city running so great a risk of a water famine as we are. With but one set of pumps and boilers to depend on, all

mains, valves and stops are in good condi

A Rack Necessary

I wo ild recommend the putting in of a

tion with a few exceptions.

and belonging to the department: 5 plug and plug cases; 3 pieces of 24-inch pipe; 3 pieces of 20-inch pipe; 10 pieces of 4-inch pipe; 17 pieces of 6-inch pipe; 1 piece of 8-inch pipe; 1 8-inch T; 4 4-inch T; 4 4-inch 4-way; 3 24-inch sleeves; 2 20-inch sleeves; 2 12-inch sleeves; 1 16-inch stop valve: 1 4-inch stop valve; 1 6-inch stop valve; 3 large spur wheels for Geyelin pump; I morticed bevel gear for Geyelin pump. All of which is respectfully sub-DAVIS KITCH,

Account of Stock.

hand belonging to the department : 5 plug

The following is a list of the material on

Superintendent of Water Works. LANCASTER, Pa., Feb. 28, 1881.

many years.

DR. BROWNING'S

C. & C. CORDIAL,

A-K YOUR DRUGGIST FOR IT. W. CHAMPION BROWNING, M. D.,

SOLE PROPRIETOR. No. 1321 Arch Street, PHILADELPHIA.

HOSTETTER'S

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