ARMY IS PLACED

WASHINGTON, Feb. 15 .- Reorganization of the United States army on the tactical basis, recently ordered by President Taft, to facilitate mobilization, became effective today. It divides the organization into four divisions—three infantry divisions with headquarters in New York, Chi cago and San Francisco, and one cavalry division, with headquarters in

Secretary of War Stimson says the reorganizations eliminates the necessity of sending army posts separate mobilization orders.

The importance of this reform. Stimson added, "will be appreciated when it is remembered that in 1911 it required 16 days to mobilize a single division of 12,000 troops in marked

In 1912 the Bulgarians required only 18 days to mobilize 250,000 men, cross the enemy's border and beat the Turks into submission."

the the Third battalion, Fourteenth was won by Ray Morris. The hall infantry, moving from Fort Missoula, Mont., to Fort George Wright, Wash.; the Second battalion, Ninth infantry. from Fort Snelling, Minn., to Fort Thomas, Ky.; the First battalion and machine guns platoon, Eighteenth Fort Missoula, Mont., third batailion, Fourth infantry, from Fort Logan H. Roos, Ark., to Fort Snelling, Minn.; Third batallion, Ninth infantry, from Fort Sheridan, Ill., to Fort Sill, Okla.. and the Third squadron, First cav- Alvin Wievesick, Everett Cross and alry, from Boise Barracks, Idaho, to Presidio of Monterey, Cal., 2000 in Freida Martin, Gladys Green, Watte

CITY HAS FIRST SPRING DAY OF YEAR AUSTRIA-HUNGARY

Spring was certainly a welcome wisitor to Oregon City Saturday and all day long the city by the Falls was basked in the warm February sunshine that might have done honor to the sunny South, and far eclipsed anything on a February day California ever hoasted of.

hats in evidence, the women were duke Franz Ferdinand. certainly on the job with the latest lots proved to be magnets for the bassadors of the powers in London Duplex pump of one million gallons children and the baseball made 4ts are numbered "as the differences exfirst bow to 1913, with the appear-Ty Cobbs. The roads were hardly dry enough for the speed demon to see whether he could put his speed up to 50 or not, but nevertheless the new pavement on Main Street drew a few who have been asing it for race track for the past two weeks.

VALENTINE PART

The party held by the Sophomore class of the High school Friday evening in the Masonic Temple, was a The affair being helds on St. Valentine's evening, all games and decorations were in harmony with the occasion. The heart contest was very interesting Charles Beatie was awarded the The troops affected by the order prize. The prize for the song sketch was prettily decorated with hearts, cupids, ferns and Oregon grape, After a number of speeches by the president of the class, Miss Dorothy Latourette, and a number of the teachers, refreshments were served infantry, from Fort Bliss, Tex., to by the girls of the class. There were about 150 present. The committees in charge were: Invitation committee -John Halleston, Ester Downer and Ted Miller; Refreshment commit-tee—Ruth Elkins, Ruberta Schuebel Social committee-Grace Spiger; Dinger and Walter-Elliott: Decora tion committee-Eva Dye, Allie Lev Therla McKuene, Pearl Heatand Francis Curran.

VIENNA, Austria, Feb. 15 .- That relations between Austria-Hungary and Russia are in a dangerous state that of tension, was again indicated today

The by an alarmist editorial published by streets were swarmed with persons. the Riechspost, the organ of the Aus Suggestive in Questions

Sunday School Lessons

(36) Even if you neither attend church or Sunday school, and never mise to Abram that he would make expect to, if you are a man or wo- of him a great nation been fulfilled? man of any thought, your life will be enriched, and the outlook for the pects have Abram and his descend future will be made bright, by read ants been a blessing to the world? ing the Suggestive Questions on the Sunday school lesson, which are to past have persecuted the Jews, and be found each week in our columns. Just put our words to the test.

Your Questions :

any particular question each or any week from "The Suggestive Questions on the Sunday School Lesson" by Rev. Dr. Linscott, send in your request to this office giving the date of the lesson and the number of the question you wish answered. You may select any question except the one indicated that it may be answered in writing by nembers of the club. Dr. Linscott will answer the questions either in these columns or by mail through this office. Don't forget to state what benefit these "Suggestive Questions" are to you. Give your full name and address. Send your letters to the Question Editor of the Morning Enterprise.

Questions for Feb. 16

(Copyright, 1911, by Rev. T. S. Linscott, D. D.)

The Call of Abram. Gen. xii:1-9. Golden Text-I will bless thee and make thy name great, and be thou a blessing. Gen. xii:2.

learned to know the voice of God? (2) What reason is there to suppose that every man has the potential power to hear and understand the voice of God?

(1) Verse 1-How had

(3) Where was Abram residing at this time?

(4) When a godly man leaves the old country to reside in this country with the conviction that it is the will of God why is not God speaking to him precisely as he spake to Abram? (5) When honeybees "swarm" why would it not be right to say that

(6) Verse 2-How has God's pro-(7) In how many important re-(8) Verse 3-What nations in the what punishment has God inficted

upon them as a result? (9) Has the promise, "In the shall all families of the earth be blessed,' been fulfilled and if

(10) Verse 4-If Abram had been in doubt about obeying God and had what prob ould have been the result?

(11) At what age is a man too old to start for a new country or take ip a new enterprise to better his con-Why?

(12) Verse 5-When we have any thing good from the Lord, why ought we to be anxious to share with others (This may be one of the .questions which may be answered in writing by members of the club.)

(13) If a man says he is on the road to the heavenly Canaan and takes no person with him, what would your assumption? (14) What grounds for certainty

have we of reaching the land or attaining the object that God has pro

(15) If a man starts for heaven nay he, or not, and why, be certain getting there? (16) Verse 7-Is God as able, and

as likely, to appear to us in one lace as another? Give your reasons (18) What imagination have of the way or manner in which God ppeared to Abram?

(19) Why would you say, or not, that it is a rule with God to frequently repeat his promise to the faithful (20) What is among the first things a good man does when he gets

to a new country? (21) Verses 8-9-Is there or not and why, any place or condition to be attained on earth in which we cannot make further progress? Lession for Sunday, Feb. 23, 1913 Abram and Lott, Gen. xiii:1-18.

If There Be Eels In the Mud.

No matter how deep and muddy a hole be, if it be known that eels are to be caught there, the people will get into the mud and search for them. So no matter where you were born or how lowly your station in life may be, if you are men of character, scholarship and ability, you will be sought after .-Ninomiya Sontaku

Get this idea of rough, highproof, strong whiskey out of your head---or it will get you---play the devil with your nerves--ruin your digestion. Why punish yourself?

Cyrus Noble, pure, old and palatable-Bottled at drinking strength. . Sold everywhere-and costs no more than any other good whiskey. W. J. Van Schuyver & Co., Genera I Agents, Portland, Oregon

Although there were no men's straw tro-Hungarian heir apparent, Arch-

far too great to be bridged over by

ences could not be expected to succeed in what Prince Hohenlohe-Waldenburg-Schillingsfuerst . falled to of concrete construction and having achieve when he carried an autograph letter from Emperor Francis Joseph of Austria to Emperor Nicholas of

Bismarck's Retort.

One evening when the German troops vere before Paris Unike Ernst of Saxe-Coburg-Gotha began grumbling in Bismarck's presence because the iron cross of the first class, given for bravery in the field of battle, had been distributed too indiscriminately. Bismarck replied that the distribution of such decorations was always a delicate and difficult task, "for," said be, "conspicuous merit has to be rewarded. but in some cases conspicuous position, with or without merit, cannot be overlooked See now," he said, "Moltke has it. Roon has, it. Blumenthal has Excellent! But," he added, "your highness and I have it, too, and surely it is not for us to grumble!

APPRECIATION.

Love never seems so clear and easy as when the heart is beating faster at the sight of some generous, self risking deed. We feel, no doubt, then what is the highest prize the soul can win; we almost believe in our own power to attain it.-George Eliot.

tecting coat of gravel supplied. The filters are equipped with the standard mechanical rake agitators used in the Jewel type of filters for the purpose of more thoroughly breaking up the beds during the periods of washing. A constant head of water is maintained on the filters by means of butter-fly valves. The filters are ot equipped with gauges to show the loss of head caused by the collection of dirt on the sand beds or with rate controllers, which when set at a maxinum capacity for which the beds are designed, will prevent them from delivering a larger quantity of water. The absence of the loss of head gauges is of minor importance as a small amount of experience will show the operator when a filter needs cleaning. The absence of rate controllers is ordinarily of considerable mportance as it is always possible that a mistake can be made in setting the outlet valves thus allowing the water to pass through the filters at an excessive rate. This feature has been overcome in the construction of this plant, however, by its being so arranged that the difference in head between the settling basins and the pipe supplying the filters at a more for this reason, rate controllers are

The washing of the filters is acgal pump which takes its supply from the filtered water well. The pressure present condition of the sand beds, The size and grading of the sand is newly washed beds and although the ter of

Under the filters is a into the mains or into the storage and show the following results

of it in the effluent.

ing bacteria.

duke Franz Ferdinand. of the city. The water furnished to the writer declares that the days the down town district is pumped Vacant streets and of the conference between the Am- direct into the mains by one Gould daily capacity and maintains a presisting between Russia and Austria- sure of sixty pounds. The hill disance of young Frank Chances and Hungary on Albanian questions are trict is supplied from the reservoir into which the water is pumped by two pumps of the same size and type He adds that the London confer- at a pressure of one hundred and eighty pounds.

The storage reservoir is uncovered,

a capacity of one million four hundbuilt and protected by a high wire fence but should be covered with some kind of a roof, not only to protect it from possible outside contam ination but because a filtered water very susceptible to organic An underground water or growths. one coming frof the dark should be stored in the dark while a surface wat er or one coming from the light is better stoed in the light and as a filter water although coming from the light takes on the characteristics of deep seated water it should be stored in the dark. It was noticed that on the bottom of the reservoir there was a slight sediment which investigation, proved to be form of algae growth which is tirely harmless but undesirable. Its presence would undoubtedly be preented if the reservoir were covered Regarding the operation, with but four exceptions the general procee dure is carried on correctly. It was found however that number four filter which contains eight inches of gravel will operate more rapidly than the other three which contain no gravel when the outlets are set at the same opening and for this reason this filter must have separate ratings in order to have the work evenly dis tributed. It was also found that when the river was carrying considerable silt and the filter became stopped up more readily than at other times, it was customary rake the top of the beds in order to prolong the period before washing, An explanation was given the superintendent why this was not conducive to efficient operation and the practice has since been to wash all the beds at practicely the same time. Inasmuch as a filter does its best work just before it is washed and its poorest immediately afterwards, the ing periods should be so arranged that there is only one new bed in operation at a time. With these ex ceptions which are readily changed without difficulty, the cipal of

operation is otherwise torily Regarding the superv maintained, the plant is materially deficient. The operation of any water purification plant should be strictly under laboratory control and the results of these findings be the guide by which all work is carried For instance, the amount of coagulent used, should be increased according to the number or bacteria and the turbidity of the raw water as well as the bacterial efficiency of the filter effluent. The present proceedure is to feed the coagulent by guess and as long as the water coming from the filters is clear the oper ator has done all he can do but at the same time the bacterial life which is the only problem to feared may not have been satisfactorily cared for. He can not miscellaneously increase this coagulent as he does not know the alkalinity than filters is not sufficient to allow the of the raw water and as it is possible water to flow through the six inch to add more aluminum sulphate than can be hydrated by the alkalinity, rapid rate than that for which the there is danger of allowing an acid filters are designd to handle it and water containing free aluminum sulphate to go to the consumer. During the raw water was found to be thirty omplished by means of a two mil- five parts per million and the filterlion gallon capacity Morris Centrifu- ed to contain fifteen parts per million. This condition is very satisfactory but as the alkalinity changes and amount of water furnished is with the different stages of the water ample and produces a very effective and as the water at this time was This is best shown by the very clear with only a small amount of turbidity, it is possible that durfor after years of use, the sand is ing periods of high turbidity the alperfectly clean with no caking of kalinity may not have increased sufthe beds and containing no mudballs. ficiently to meet the demands of the coagulent needed properly to filter good although it is somewhat defici- the water. There are no recording ent in material of the very fine devices on any of the pumps to show grades but as none of the coagulent during the day and thereby determine passes the sugfact of the sand, it the pumpage. Consequently no acwould be inadvisable to endeavor to curate knowledge may be had of the change the grading at this time, amount of water consumed and there-Several tests were made with haema- fore the amount of aluminum sulphate toxylin on the effluent coming from used per gallon is a entirely a matguess. Recording devices ticularly small yet there was no trace | should be supplied and records kept in order that the coagulent may be concrete supplied in a more scietific manner. reservoir having a capacity of seventy as this is one of the important parts thousand gallons, which receives the in the operation of a purification water coming from the filters and plant. Samples of water were taken from which it is pumped either direct from different parts of the system

Sample		Bacteria	
Number	Source of Sample	perice	B. Coli
1	Raw Water	1 600	Absent *
2	Settled Water on No. twofilter	127	Absent *
2 3	Settled Water on No fourfilter	278	Absent *
4	Filter No. one before washing	2	Absent
5	Filter No. two before washing	3	Absent
6	Filter No. three before wasing .	2	Absent
7	Filter No. four after washing	32	Absent
7 8 9	Clear Well	1	Absent
	Reservoir	10	Absent
10	Faucet fed by reservoir	1	Absent
11	Fountain Seventh and Center Streets	7	Absent
12	Filter No. one after washing	5	Absent
13	Filter No. two after washing	1	Absent
14	Filter No. three after washing	1	Absent
15	Filter No. four after washing	11	Absent

the river water carrying but a very small amount of suspended matter that a goodly allowance and as the results show, was also low in bacteria when an unfiltered river also show that the settling basins with the exception of the difficulty already mentioned did very effective work and when the connection between number one and two basins has been made, there is no reason why the settling alone should not at all times remove at least seventy-five per cent of the bacteria. The rest of the results show practically sterile four filter which has higher counts than the other filters and undoubtedly for the reason that this filter was operating more rapidly than the others and also because the water coming to it was not as well settled as that going to the other filters.

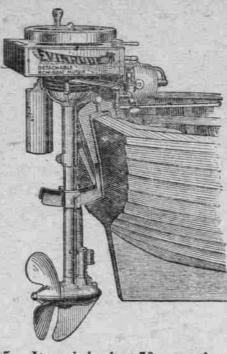
In consdiering the capacity of the plant, the consumption must also be considered, but the absence of a recording appartus as before mentioned fakes accurate knowledge impossible and for this reason only estimations can be had. Information given by the sperindendent shows that the averages approximately one million gallons daily. This amount should be more than ample to supply sixtyseven gallons per capita, and as the

average amount used in the eastern When the samples were taken and middle west cities is only ninety gallons per capita it made. With these facts at hand and a knowledge that the plant has in water is considered. These results every department a capacity of two million gallons daily or double the present consumption, there is question as to it being able to meet the present as well as the future deand installation are in every way satisfactory and the upkeep in excel-The bacteriological plant if properly operated will do all that is required of it and if the water water with the exception of number has at any time in the past been faulty it was due to improper operation and The company have ordered a plant

not to the incapacity of the plant. for the application of hypochlorite of lime to be used as an additional the filtration when neccesary. While it can not be said from this investiga tion that the installation of this plant is an actual necessity, yet is a very valuable adjunct and when installed will make the entire system as complete and valuable can be obtained and if the operation is put under laboratory supervision the people of Oregon City may be asconsumption throughoutout the year sured of a water supply that ie eminently satisfactory in every way.

Respectively submitted, J. H. BREWSTER

EVINRUDE



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CORRESPONDENCE

A. J. Morrison was called to Scholls last week to help care for his granddaughter, who is very ill.

Mr. and Mrs. Kleinsmith daughter returned Friday from a trip to Oregon City.

at work in this neighborhood. Mrs. M. M. Reid left Monday for a

Miss Leaih Morrison returned to S. Killen. Portiland last week. Mr. Hoffman, the Sandy butcher Oregon City last week, was buying cattle in the George and Dover neighborhoods last week.

Miss Iva and Clinton Reid

The County Timber Cruisers are dinner Sunday with Mrs. Bews. Mr and Mrs. DeShazer had as din-

guests Sunday Mr. and Mrs. two weeks' trip to Portland and Sa- Keith, Lulu and Rilda Roberts, Willie and Irving Updegrave and Hollister

C. A. Keith made a business trip to

M. M. Reid was home for a few days last week. He returned to his

took work Friday.