Minutes, January 20, 1926

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MINUTES OF THE MEETING
of the
BOARD OF TRUSTEES
of the
CONNECTICUT AGRICULTURAL COLLEGE
held at
HOTEL HEUBLEIN
Hartford, Conn.
on
Wednesday, January 20, 1926 at 11:30 A.M.

Present: Mr. Brown
Mrs. Binton
Mr. Green
Mr. Buckingham
Mr. Manchester
Mr. Wood
President Beach
Mr. Longley.

The President reported:

1. Expenditures for first 6 months of the fiscal year, July 1st to December 31st, 1925, as follows:

<table>
<thead>
<tr>
<th></th>
<th>Budget for six months</th>
<th>Expended Against Budget</th>
<th>Over or Under Allowance</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Division</td>
<td>$194,560</td>
<td>$190,868</td>
<td>$3672 Under</td>
</tr>
<tr>
<td>Extension Division</td>
<td>67,840</td>
<td>61,252</td>
<td>6608 Under</td>
</tr>
<tr>
<td>Experiment Station</td>
<td>28,800</td>
<td>28,157</td>
<td>543 Under</td>
</tr>
</tbody>
</table>

2. Deposited with State Treasurer:

July 1st to December 31, 1925, $259,366.51.

5. The Board of Control approved of the plans for the new dormitory and authorised the Trustees to award the contract for the construction of this building to H. Wales Lines Company:

"At a meeting of the Board of Control on December 10, 1925, IT WAS VOTED to approve the plans as submitted for the new dormitory at the Connecticut Agricultural College, and to authorise the Trustees of said College to award the contract for said construction to the H. Wales Lines Company at their bid of $145,437."

4. The Trustees VOTED: to approve of the appointment of

L. V. Tirrell, Sheep Specialist, at a salary of $2000 to take effect January 1st, 1926.

A. A. Doppel, Specialist in Forestry at a salary of $2000 to take effect January 1st, 1926.
5. The President reported that Professor Wheeler has submitted the following estimate of the cost of doubling the present capacity of our filter beds (a); and an estimate of the cost of construction of a pipe line to a new site about a third of a mile from the present filter beds (b):

(a) Cost of construction of new beds:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 yds grading @ $1</td>
<td>$1000.00</td>
</tr>
<tr>
<td>Sand 1428 yds @ $2</td>
<td>2844.00</td>
</tr>
<tr>
<td>10 Brass gates @ $10</td>
<td>150.00</td>
</tr>
<tr>
<td>Brick, Mortar and Labor</td>
<td>60.00</td>
</tr>
<tr>
<td>250 ft. of sewer pipe @ 27$ ft.</td>
<td>67.50</td>
</tr>
<tr>
<td>250 ft. of drainage pipe @ 27$ ft.</td>
<td>67.50</td>
</tr>
<tr>
<td>100 yds. rock @ $4</td>
<td>60.00</td>
</tr>
<tr>
<td>Incidents and Unforeseen 10%</td>
<td>457.00</td>
</tr>
</tbody>
</table>

(b) Cost of Installation of pipe line:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 ft. of trenching &amp; back filling 50$ ft...</td>
<td>925.00</td>
</tr>
<tr>
<td>2 Extra valves</td>
<td>90.00</td>
</tr>
<tr>
<td>Land</td>
<td>300.00</td>
</tr>
<tr>
<td>1500 ft. 6&quot; sewer tiling @ 30$ ft.</td>
<td>712.00</td>
</tr>
<tr>
<td>Cement, Jute, etc. and incidentals</td>
<td>233.00</td>
</tr>
</tbody>
</table>

6. The President submitted a letter from Warren J. Scott, Director, Bureau of Sanitary Engineering, State Department of Health, accompanied by a report of the sewage disposal facilities at the Connecticut Agricultural College -- "It is evident that present conditions are insanitary and should be remedied. It is to be hoped that in the near future financial arrangements may be made in order to take care of the present situation, for I have no doubt that you will agree with me that our state institutions should set an example in all such matters".

REPORT

SUBJECT: Mansfield, Conn., Storrs College Sewage Disposal Works.

TO: Warren J. Scott, Director, Bureau of Sanitary Engineering

FROM: Charles L. Pool, Assistant Sanitary Engineer.

The Storrs College Sewage Disposal Works were inspected November 27, 1926, with R. I. Longley, Comptroller.

Present Nuisance

The works were found to be antiquated and four or five times outgrown and in the opinion of the writer constitute a nuisance prejudicial to the public health. The amount of complaint against them has been considerable in spite of apparently careful operation facilities, which has accomplished as much as could be expected with the present facilities.

Existing Filters

The filter beds are capable of handling only about one-fourth or one-fifth of the average daily load reaching them and are close enough to some privately owned dwellings so as to be not altogether satisfactory in location. It was pointed out that the college buildings and grounds will probably extend in their direction and render the location still more unfit. The stream receiving their effluent
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has been bad. An unfavorable feature in the way of extension on this site is the rolling character of the ground which would necessitate considerable excess leveling.

Proposed Disposal Area
Short of one-half mile below the present beds but on the other side of the road an apparently more favorable site for a disposal area was indicated. It is thought that the land can be bought cheaply. It is well isolated, accessible, and effluent from a plant built here would discharge into the same stream that receives the present effluent so that increased pollution to a new water-course would not result. It is believed that it would be desirable to abandon the present area in favor of this one provided further detailed engineering studies do not bring forth difficulties not evident now.

Pumping Nuisance
Part of the sewage has to be pumped to the filters. It collects in a well and the pump is supposed to remove it automatically but has to be visited several times daily for manual control. The overflow from the well runs into the Willimantic public water supply and inspection of the ditch below the well led to the conclusion that it does overflow at time to pollute the supply. The ditch was foiled.

Dairy Barn Floor Washing
Floor washings from the dairy barn which also drain into the waters of the Willimantic public supply are another unfavorable feature.

Conclusions and Recommendations
1. The present sewage disposal facilities are unsatisfactory.
2. Further studies of the proposed new disposal area should be made with a view to its adoption.
3. It is recommended that the following needs be met:
   A. Provision for an adequate sewage treatment plant.
   B. Reconstruction of the pumping unit to obviate the periodic pollution noted.
   C. The conducting of the dairy barn floor washings to the sewage treatment works.

7. IT WAS VOTED: that the Legislative Committee present to the State Board of Control the estimate of the cost of the construction of new sewage beds and the report of the State Board of Health regarding the condition of the sewage beds.
8. The President reported that the Connecticut Society of Executives has accepted an invitation to hold their quarterly meeting at the College on April 16th.
9. The President reported that the two double cottages for which the Legislature made an appropriation in 1925 are practically completed and within the appropriation with sufficient reserve for walks, and grading.
10. IT WAS VOTED: that the President be authorised to report (at the proper time) to the State Board of Finance the following needs of the Institution:

(1) Equipment for fruit storage building
(2) Additional boiler for the Central Heating Plant
(3) Four additional single faculty cottages
(4) Campus lighting system
(5) Animal Husbandry Building
(6) Enlargement of filter beds and installation of sewage tank line
(7) Ice House
(8) 2200 ft. road, Willimantic Highway to Central Heating Plant
(9) 800 ft. road from Depot at Mansfield to Coal Bunker
(10) Completion of drainage of meadow near dairy barn

11. The President requested authority to move the so-called "head house" near the community building and the building formerly used as an office by the construction department to a point near the Apiary, and remodel them into a cottage for employees.

IT WAS VOTED: to request the President to submit an estimate of the cost of moving and remodelling the above said buildings and refer the same to the Executive Committee with power.

12. The President reported that the coal trestle at Mansfield Depot, constructed by Mr. Tenney, has been completed at an expense of $12,963, leaving a balance of $2046 for the construction of a floor after the filling has settled.

IT WAS VOTED: That the President be authorised to accept as a gift to the College the building now used as a church, if and when offered.

13. The President submitted a communication from A. F. Hawes, State Forester, making inquiry as to whether the College would cooperate with the State Forestry Department in the purchase of equipment for the forest fire protection, the College to purchase a pump at a cost of $850 and the Forestry Department to furnish a Dodge-Graham truck and 1800 feet of hose, the equipment to be stationed at Storrs.

IT WAS VOTED: that the President be authorized to advise Mr. Hawes that the College is not in a position to accept the proposal at this time.

14. IT WAS VOTED: to designate the Windham National Bank of Willimantic as the bank of deposit for active funds of the College with monthly remittances to the State Treasurer.

15. IT WAS VOTED: to accept the report of the President as a whole as amended.

Meeting adjourned at 12:45 P.M.

Walter C. Wood - Secretary.