FIRST

Jonnie Baum

FILE: HISTORICAL

BI-ENNIAL REPORT

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of the

NORTHERN HOSPITAL FOR INSANE

Years ending

September 30, 1912.

Sedro-Woolley, Washington, November 1, 1912. The Board of Control, Olympia, Washington.

Gentlemen:

Complying with the law and the rules of the State Board of Control. I herewith submit my report covering the first bi-ennial peried of the Morthern Hospital for Insane.

As all of our patients were transferred from Fort Steilacoom, (and some of them were here at the time the Northern Hospital was created---this institution being a branch of Fort Steilacoom at that time) we started out with one hundred one patients. During the first year, seven vacancies were created---two patients were discharged recovered, three died and two escaped.

In April, 1912, we took on twelve additional patients from Fort Steilacoom. During tho year 1912 seven vacancies occurred---one patient discharged recovered, three died, and three escaped, so that we now have ninetynine patients in this Hospital.

Our percentage of deaths to whole number treated is 2.93% for 1911 and 2.83% for 1912---a rather low death rate.

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Our patients all being male, it has been possible to employ a great meny of them on outside work of all kinds---from gardening to slashing, making posts, shingle-bolts, etc., etc., ---in fact, all kinds of labor connected with the clearing up of the place; and it is evident from the appearance of the men that this outdoor life is condusive to good health.

Attached to this report will be found a series of tabulations dealing with the movement of patient population, the various funds, review of products, and a list of employes.

I wish at this time to review briefly the work done here, improvements made, etc., during the past bi-ennium.

TEMPORARY BUILDINGS: Owing to a severe storm which destroyed the temporary buildings in January, 1911, it was necessary to rebuild the present temporary buildings. These buildings are one-story, with a capacity of one hundred patients; also a twelveroom cottage was built for the employes. A temporary commissary and office was also, built, together with a machine-shed, root house and smoke-house.

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WATER SYSTEM: The next thing was the construction of the water system, consisting of a primary reservoir of 20,000 gallon capacity, secondary reservoir of about 800,000 gallon capacity. These two reservoirs are approxinately 3500' apart and are connected with a 20" pipe line. There is a cross at the secondary reservoir, which is so arranged that in the future a turbine-wheel can be installed and electric power generated at this point. From the secondary reservoir, there is a 10" pipe line extending to the distributing point at the power-house---a distance of approximately 7500'.

RAILROAD SPUR: A railroad spur has been built from the N. P. main line to our powerhouse---a distance of 3300' giving us fine railroad facilities. The N. P. Railroad has made us terminal rates, giving us the same rates as Sedro-Woolley, with no switching charge to put cars on our spur---which will eventually prove of great saving to us when we get to be a larger institution. Our railroad destination is known as "Norlum." ADMINISTRATION BUILDING: The Administration Building, with its two hospital wings---with acommodation for two hundred patients---, is nearly completed. We expect to occupy the building before the first of the year.

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POWER HOUSE: The power house has been built and equipment installed. The equipment will be ample to take care of us for many years to come, both for steam heat and electric light.

SEWER SYSTEM: The sewer system, consisting of 2600' of 8" main line sewer pipe with one lateral of 820' of 6" pipe and another of 250' connecting the Administration Building to the main sewer line, is well under way. Also the filter beds and scaimentation tank are nearing completion. The sedimentation tank is an improved Imhoff tank, and is of the best and latest design.

LAND CLEARING: Our land clearing operations consists of sixty-eight acres cleared at the hospital site, five acres were added to the agricultural land, and approximately ten acres were cleared in building five and onehalf miles of fencing. That cleared at the hospital site will be used for building sites and a park surrounding the Hospital. As we own our own donkey engine outfit, the clearing of land has been done very economically. Fully twenty acres have been slashed and burned and is ready for stump blowing; we will proceed to clear this next year.

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FENCINC: Fencing to the amount of five and one-half miles has been done. This called for about sixteen feet of clearing all along these lines, amounting in acres to approximately ten. While this is not available for cultivation, it is all seeded and will furnish considerable pasturage in the future.

ROAD AND BRIDGE BUILDING: We have done considerable road building, bridging and drainage; an estimated improvement of \$2,000--conservative.

WOOD. We have made, as we cleared the land, from old cedar butts 3,200 7' cedar posts, 30 cord of shingle bolts and we have manufactured all the wood we have burned in our stoves and have a surplus of 214 cords on hand September 30, 1912.

PRODUCTS: Total produce for this past biennium amounts to \$7,894.25. With our garden truck harvested since the 30th of September, (amounting to \$977.68) would make our grand total \$8,871.93.

DAIRY: Our dairy herd has been increased from nine cows to eighteen cows, with five more heifers bred --- which will raise our dairy herd to twenty-three in number next summer. Pure bred Ayrshire bulls are being used with the intention of developing this breed of cattle.

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DAIRY BARN: The old dairy barn that was on the place has been remodeled and enlarged and now has a capacity of twenty-four head. It is now a confortable and sanitary barn.

RECAPITULATION:

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- 1. Robuilt temporary buildings.
- 2. Water system, construction of
- 3. Railroad Spur, construction of 4. Administration Building, construction of
- 5. Power House, construction of
- 6. Sewer System, construction of
- 7. Clearing Land.
- 8. Fencing.
- 9. Road and Bridge Building
- 10. Wood.
- 11. Farm Produce.
- 12. Dairy Herd.
- 13. Repairing & remodling dairy barn.

I now come to the consideration of the requirements for the next bi-ennium:

ESTIMATE OF REQUIREMENTS

	÷	-
Maintenance:		
(a) 300 patients 2 year 75¢ per diem 164,250.00 (b) 100 patients 1 year 75¢ per diem 27,375.00	191,625	00
Cottages:		
(a) 4 ea. (80 patients 2 \$800 ea 64,000.00)	256,000	00
Kitchen-Bakery, Equipment and Refrigerating Plant:	30,000	00
Hydrotherapeutic Apparatus:	5,000	00
Horse Barn, Concrete:	6,000	00
Machine Shop Equipment:	2,500	00
Chapel, Morgue and Crematory	12,000	00
Sewer System, completion of:		
(a) Laterals(b) Filter Bed	5,500	00
Water System, completion of:		
(a) Head Gates at Primary \$ 2,000.00 (b) Reservoir 5,000.00	7,000	00
Storm Sewer System:	16,000	00
For Clearing Land:	6,500	00
Nursery Stock:	· 1,000	00
Dairy Stock:	1,500	00
Land, Approximately 400 acres	20,000	00
Iron Pipe for Distribution of Water to grounds, as per Hanford Plans	3,000	00
	563,625	00
	la management to an a state of the state of the	

Explanation of the various items:

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MAINTENANCE: We will have 350 patients and will require a 75¢ per diem allowance, which will call for a maintenance fund of \$191625.00.

COTTAGES: Due to the pressing need for more room for patients at this institution so that we may relieve the congested condition at Fort Steilacoom, we should build to acommodate approximately 300 patients---which would call for four cottages of about eighty patient capacity, each cottage costing about \$64000. I believe concrete construction, tile roof supported by steel superstructure, etc., is the best. We have used the fenestra steel window and I believe it is going to be a Very satisfactory arrangement---doing away with the bars on the windows.

KITCHEN-BAKMRY, EQUIPMENT AND REFRIGERATING PLANT: We are using, at the present time, temporary buildings for kitchen and bakery. We should have a permanent, thoroughly sanitary, building here. Both building and equipment should be of the best and latest design, as it is here that a very great part of the savings in an institution---by economical preparation and use of supplies---can be effected. All patient labor should be eliminated from the bakery and kitchen and machinery should take their place---both from an economical and sanitary stand-point. This refers to vegetable prepares, doughmixers, dish washers, etc., etc.

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In time we will raise a great deal of our own meat and it is very essential that we have a fefrigerating plant of sufficient capacity to keep our meats, vegetables and fruits, and other cold storage, as required.

This calls for an expenditure of \$30000.00.

HYDROTHERAPEUTIC APPARATUS: We have the room in the new building in which to install this apparatus. The treatment of acute cases by hydro-therapy is recognized in all hospitals for the insame as a very useful adjunct and we should have this apparatus. This will call for an expenditure of \$5000.

HORSE BARN: CONCRETE: A horse barn and stable for machinery is required. Nothing but a very temporary structure which was on the property when purchased by the state is in use. This barn should be of concrete construction. It will call for an expenditure of \$6000.00.

MACHINE SHOP EQUIPMENT: There is no machinery of any kind on the place at present. The machinery needed to fit up a very modest shop will call for approximately \$2500.00. CHAPEL, MORGUE AND CREMATORY: A Chapel, Morgue and Crematory should be built. I believe that in an istitution of this kind, incineration of bodies not claimed by relatives should be done. This calls for approximately \$12000.00.

WATER SYSTEM, (COMPLETION OF): The present water system should be increased by the addition of one more reservoir of about one million (1,000,000) gallon capacity, so that in case of flood and damage to our intake, we would have storage water enough to protect us until repair could be made.

Head-gates should be built with a view of preventing, as far as is possible, damage by flood. Our head waters are on a mountain stream that is a very turbulent one at times. It was named by the Indians, "The Big Smoky" because of its turbulency during storm times.

This will cost \$7000.00, including both reservoir and head gates in this item.

SEWAGE SYSTEM: (COMPLETION OF): The sewer system, at present, is incomplete, as we did not build all the filter beds (due to lack of funds) and put in only the laterals we actually were in need of. The completion of this system will cost \$5500.00.

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STORM SEWER SYSTEM: A storm sewer system to take care of the surface water and to act as under-ground drainage must be put in. This is required by reason of the clay subsoil that under-lies all of this ground; it holds water---making it practically impossible to get around on it in the winter time without rubber boots. It will be impossible to get patients out in winter time unless we have this drainage system to take care of surface water. As planned by Engineer Hanford, this calls for an expenditure of \$16000.00.

LAND CLEARING: This place is undoubtedly destined to become one of the most beautiful and profitable places the State will ever: have, but at the present time most of this land is covered by old logs and immense stumps. We will continue our land clearing operations, and during the coming bi-ennium will clear in excess of one hundred acres. For this we will need \$6500.00.

NURSERY STOCK: We have two old orchards on the place now; they are both small and we will need to put out new trees and bushes. Shrubbery of all kinds will be required for the park surrounding the Hospital. For this \$1000.00 is asked.

DAIRY STOCK: Our dairy herd is not as large

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as it should be and it should be added to at once. Hilk is a most essential article of diet around an hospital for the insame. For this item we ask \$1500.00.

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PURCHASE OF LAND: More land should be acquired to protect our water system from pollution---about 400 acres, all told. This would give us control of all land through which the creck runs and give us protection in the hills in case of future logging operations. This will cost approximately \$20000.00.

IRON PIPE REQUIRED: Finally, to complete the water system, we need the water distributed to the buildings and plants in such mannor that we will always have an even pressure---and so controlled that in case of a break at any given point, we could, by shutting valves, cut out the break and still have water at all other buildings. Such a plan has been submitted and should be installed. The portion of this system required for the present will cost approximately \$3000.00.

* * * *

No superintendent can conduct a place of this kind without loyal support from his employes, backed up by advice and support from the Board of Control; it has been my good fortune to have had both---for which I wish to tender my thanks.

Respectfully submitted,

a. N. Mie. Luck Superintendent.

AHM/M

October, 1911 November, 1911 December, 1911 January, 1912 March, 1912 March, 1912 March, 1912 Mary, 1912 Junes, 1912 August, 1912 September, 1912	October, 1910 November, 1910 December, 1910 January, 1911 February, 1911 March, 1911 May, 1911 June, 1911 June, 1911 August, 1911 September, 1911		ВВ
	101	Admitted Male Female	SHOWING MOVEN BRGINNING OCTOBER
		Re- covered M F	TABLI IENT OF 1, 191(
		Disch Im- proved M F	NUMBER POPULATJ
-		harged Unim- proved M F	1. ON FOR THE
		Not Insane M F	N FOR THE YEARS ING SEPTEMBER 30,
		Escapes Returned Male Fer	, 1912,
		pes Escapes ned not Returned Fer Male male	
		Díed	-

	Totals	Received W. W. Hosp. Insane, Sept. 30, 1912	Received W. W. Hosp. Insane, Sept. 30, 1911	Year ending
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		р	03	Escapes
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	7	2 2 3	7	Decrease
		8.33 33	1.98	Tet cent of recoveries of eroissims
		2.83	2.97	Per cent of

TABLE NUMBER 2.

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TABLE NUMBER 3.

SHOWING ADMISSION OF PATIENTS FROM COUNTIES.

						un								*****	 	
	Totals	Whatcom	Thurston	Skagit	Snohomish	San Juan	Pierco	Pacific .	Lewis	King	Jefferson .	Cowlitz	Chehalis	Clarke	CO MI V LGO	
	. TOT	7	4	σι	13	μ	. 13	r	50	36	10	R,	б,	7	Male	Year ending.
			***		1				5 7 6	8 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		3			 Female	ng, September
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	12	Н	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Ч	Ч		1 53			4			Ч	щ	Total	ber 30, 1912

TABLE NUMBER 4.

SHOWING CIVIL CONDITION OF PATIENTS ADMITTED

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	Potels	Married Single Widows or Widowers Divorced Unknown	Civil Condition
	101	ч.ч. соч.ч.4	Year ending Male
			7, September Female
	TOT	4 1 1 1 1 1 1 1 1 1 1 5	. 30, 1911 Total
	21	о Ч Ч Ч Ч Ч М	Year ending. Male F
			ng, Septembor Female
	12	464 43	or 30, 1912 Total

TABLE NUMBER 5.

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SHOWING WARIVITY OF PATIENTS ADMITTED.

Totals	Austria Canada Denmark England Equador France Finland Germany Ireland Italy Nova Scotia Poland Portugal Russia Sweden Sweden Switzerland United States Unknown	Countries	
TOT	20040444000000440404000	Male	Year ending
1		Femalo	, September
TOT	50000000000000000000000000000000000000	Total	30, 1911.
12		Male	Year ending,
		Nomale	ng, September
12	Р 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total	er 30, 191

1941 - 1944 - 1955 1979 - 1979 - 1975 1979 - 1975 - 1975

TABLE NUMBER 6.

SHOWING OCCUPATION OF PATIENTS ADMITTED

Totals	Berber Blacksmith Boiler Maker Butcher Cook Engineer Fireman Fireman Fishormen Logger Longshoremen Logger Miner Saintor Saintor Salosman Savyer Salosman Savyer Shingleweaver Teamster Unknown Upholsterer	Occupation
101	רורו מממדרורחממסמני הרורמר מממדרורחמני	Year ending Male
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		ng, Septembe Female
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		ng, Sentember Pemale
12	н Н Н Н Н Н Н Н Н Н Н Н Н Н Н Н Н Н Н Н	ber 30, 1911 Potal

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TABLE NUMBER '7.

SHOWING ASSIGNED CAUSES OF DISEASES.

Totals	Alcohol Congenital Exposure Financial Trouble Hereditary Injury to head Isolation Love Affair Masturbation Starvation Starvation Starvation Starvation Sunstroke Syphilis Unknown	Cause
101	г 4 4 кооокконннка г 4 4 коокконннка	Year onding Male
I . I I I I I I I I		7, September Fomale
101	や4400000001111100 ⁴ 1	30, 1911 Total
31		Year ending, Male Fe
		Ing, September Female
18	6 1 1 1 1 1 1 1 1 1 1 1 1 1	ber 30, 191 Total

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TABLE NUMBER 8.

SHOWING FORMS OF MENTAL DISEASES OF PATIENTS ADMITTED

-	Forwarded	(a) Melanck (b) Pre-Ser Insani	 5. Organic Dementias: (a) Huntington's Chorea (b) Corebral Syphilis (c) Tabetic Psychosis (d) Cerebral Trauma 	4. Demontia Paralytica:	 5. Dementia Precox: (a) Hebephrenic (b) Catatonic (c) Paranoid 	 1. Exhaustion Psychoses: (a) Acute Confusional Insanity 2. Intoxication Psychoses: (a) Chronic Alcoholism (b) Acute Alcoholic Hallucinosis (c) Alcoholic Hallucina- tory Dementia (d) Alcoholic Paramoia (e) Morphinism 	лтавити	J
	39	11	マモマモ	Ц	でてら	$ + + + \omega + \omega $	Male	Year ending
•							Fomale	g, Septembor
	39.	3	ч м ч м ч м	Ţ	ю Ч σ	н н и <i>ч</i>	Total	r 30, 1911
	7			-	N N	70	Male	Year ending
•							Female	ng, September
	1				03 03	20	Total	er 30, 1912

	Totals	<pre>10. Defective Mental Develop- ment: (a) Imbecility</pre>	9. Bpileptic Insanity:	8. Paranoia:	<pre>(a) Maniacal State (b) Depressed State (c) Mixed State</pre>	7. Maniac-depressive Insanity		6. Involution Psychoses: (cont'd)	Brought Forward	Discase	
	101	4	Ч	7	16 6			: (d) :	39	Halo	Year ording
							- - - - - - - - - - - - - - - - - - -			Female	3, ລີດກຸຍິອກມີອ
	TOT	4	H	7	22 6		6			Total	30, 1911
	12		, L		2				7	Malo	Yearc cuding,
•										Femalo	ing, September
	12		·		R L				1	Potal	ber 50, 1.

Totals	From 10 to 15 years From 15 to 20 years From 20 to 25 years From 30 to 30 years From 35 to 40 years From 40 to 45 years From 45 to 50 years From 55 to 60 years From 65 to 70 years Trom 65 to 70 years	сожи		SE
TOT	888 888 888 888 888 888 888 888 888 88	Male	Year ending	TI SHOWING AGES
		Fencle	18, September	TABLE NUMBER S OF PATIENTS
TOT	8258888742 24444	Total	r 30, 1911	9. ADMITTED.
12	н н н н н н н н н н н н н н	Male	Year ending,	
		Femalo	ng, September	
12	03 4 H H 83 H	Total.	ber 30, 1912	

TABLE NUMBER 10.

From From From From Krom From From From Unknown Totals. 0443888410 0505050 VEos 0104430000 000000000 years years years years years years years vears Year ending, Malo S H 24 1 Female Soptember ŧ 1 1 30, ŧ Total 1011 1 1 1 1 67 F 1 Year ----Male 1 1 ending, 1 1 CN 1 1 1-1-1 I Femalo September t I l 1 I i 1 1 ł Cotal 30, İ 1912 1 1 CJ. feel feel feel

SHOWING AGES OF PATIENTS WHO DIED IN THE HOSPITAL

Totals	Epilepsy General Paresis Tuberculosis, pulmonary	Dementia and Exhaustion	Causes	
3	 	N)	Year ending, September Male Female	TABLE NUMBER SHOWING CAUSES OF :
sa ا	 1	N	r 30, 1911 Total	ll. Devlh.
ы	L L	H	Year ending, Male F	
			ng, September Female	
छ	1	н.	ber 30, 1912 Total	

TABLE NUMBER 12.

Totals	Unknown	Previous Attacks	First Attack	ATLACKS		SHOWIN
101	24	22	51	Male Femule	Year ending, September	SHOWING NUMBER OF ATTACKS OF
101	. 24	22	55	Total	er 30, 1911	DF PATIENTS ADMITTED
12	ع	ça	σı	Male	Year ending	DMITIED
				Fomale	ng Septembor	
12	53	63	G	Total	r 30, 1912	

TABLE NUMBER 13.

From From From From From SHOWING DURATION OF CONFINEMENT From From From From 15 From 10 to 15 years From 20 en 20 0 30 to 35 years 25 G H H Totals to 10 years 40 to to to to to to 20 years to Duration en N 0 12 months C7 30 25 years years years months months yoars Year Male IN ending, PT. 101 24 27 13 13 4 20 0 2 F STEILACOOM OF PATIENTS 1 1 1 September Female 30, Total 1911 101 24 27 13 13 N 4 0 H -7 1 TRANSFERRED TO NORTHERE HOSP. Yoar ending, Male 12 S 20 Female September Total 20, 12 191 N CO

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Patients Patients Patients Patients Patients in Hospital at Patients died Escapes not returned Total number of patients Hospital during term Transferred Number of vacancies created Humber of patients remaining beginning of the term for Insane during term at end of discharged unimproved discharged dishcarged not insand discharged term from W. W. Hosp. improved the in Year ending, Male 101 101 94 10 03 20 2 ŧ September Female 30. Total 1911 101 101 94 N NO CA -7 Yoar ending. Male 1.94 106 12 66 C2 C2 H -7 . 2 1 Penalo September 1 Total 30. q 106 502 12 66 1 1912 F KO KO -2

TABLE NUMBER 14.

SUMMARY .

CASH FUNDS

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MISCELLANEOUS FUND

1911.	RECEIPTS				ŀ
March	Sale of one cow	30	00		1
April	Sale of one old boar	10 2	00		
June July	Sale of one hide		00		
October	Sale of one calf hide	1	05	1	
November	Returning \$2.33 (disbursment of			1	
	10/28/11)after sub-voucher received	2	33		1
December	Sale of one hide	. 6	04		1 .
1912	Sale of one hide	4	80		
January	Sale of one hide	5	55	•	
,	Sale of one hide	6	40		
	Returning \$12.50 (disbursment of				1
	1\$15/12) after sub-voucher received	12	50		
		79	67		

			-
1911.	DISBURSMENTS		
October	Payment of samples	2 3	32
1912.			
January February	Payment of Rem. & Ball. Codes Remitted to State Treasurer Remitted to State Treasurer Remitted to State Treasurer	12 45 6 12	94 4(
	BALANCE		
		79	6'r
			==

•	CASH FUNDS INMATES' FUND		
,			
	On Hand, April 1. 1911 Receipts Disbursements On Hand, September 30, 1912	7 134	00 49 140 74
		141	49 141 4
•			
•			
•			
•			
P. 4			
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		•	

REPORT OF PRODUCTS

<u>a</u>		Amount
	FARM, 1911	
March, 1911 April, 1911		30 (10 (
May, 1911 June, 1911 July, 1911		178 163 231
August, 1911 September, 1911 October, 1911 November, 1911		261 874 511 302
December, 1911		2564
3	FAFM, 1912	
January, 1912 February, 1912 March, 1912 April, 1912		338 278 431 539 364
May, 1912 June, 1912 July, 1912 August, 1912 September, 1912	2	320 568 1176 756
		4773
To	tal Farm Products for bi-ennium	. 7337 8
	OTHER PRODUCTS,	
September, 191	2 (214 cd. Wood)	556
	otal Products for bi-ennium	. 7894 2

	Name		Position	Per Annum
-	A. H. McLeish, Supt., Albert C. Stewart, M.	M. D.	Superintendent	4000 00
1	A. J. McLean	Д.	Asst. Superintendent Accountant	2500 00
	Gustave Larson			660 00
	George Towslee		Chief Engineer Asst: Engineer	. 960 00
	S. D. Hathaway			900 0
	J. T. Elmer		Laundryman Cook	720 0
	E. Gillis		Carpenter	900 0 900 0
	P. W. Major		Hook-tender & Powderman	
	M. Huse		Residence Cook	1200 0
	C. Friedeman		Attendant	, 480 0
	F. F. Bogart		Attendant	600 0
	0. R. Hines		Attendant	600 0
	Edd Grinnell		Attendant	600 0
	Andrew Kostel		Attendant	. 600 0
	Clarence Dunavant		Attendant	600 C
	D. C. Hunter		Attendant	600 0 480 0
	Harry Jacobs		Attendant	480 0
	Douglass Wier		Night Watch	480 0
				400 0
*		TEMPORARY EM	PLOYES	
	J. B. Warrack		Supt. of Construction	2400 00
	W. B. Strickland		Supt. of Construction	2100 0
	J. Johnson		1	er day 3 0
				or day o o
				•
				•
		R - L C Hi-k		

BEING & LIST OF EMPLOYES, THEIR POSITIONS & SALARIES

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