

CITY OF CALGARY PARKS DEPARTMENT.
ANNUAL REPORT for 1919.

To
His Worship the Mayor, Commissioners, and Council.

Gentlemen:-

I beg to submit my 7th. Annual Report dealing with the work of the Parks Department for 1919, with suggestions and recommendations for 1920.

The extreme drought that prevailed during the summer had a very serious effect on the Parks, and emphasized the need for a considerable extension of the watering system, and adoption of more up-to-date methods of sprinkling and irrigating. The severe weather that was experienced in the fall, when the temperature fell considerably below zero on several occasions, was also a serious blow to the work of the Department, particularly as regards its farming activities. Winter came a month before its usual time, but it is impossible to guard against the damage and loss occasioned by these vagaries of the climate. The precipitation for the year was, as follows:-

Jan. .11	April .68	July 1.64	Oct. .58
Feb. .32	May .79	Aug. 3.24	Nov. .74
Mar. .42	June .66	Sept. 1.23	Dec. .12
TOTAL 9.95"			

Each year brings its changes and extensions to the work of the Department. This year has seen a tremendous revival in Athletics, and the activities of the Department have been absorbed to a very great extent in developing and adding to the existing facilities for games.

The activities of the Department both as regards maintenance and improvement are shown in detail at the end of this report together with a statement of cost. The more salient features are given particular mention in the report itself.

During the past year this Department has worked under the Comptroller's new Work Order System. This has not effected the work of the Department to any appreciable extent and, therefore has been neither an advantage nor a disadvantage. It has had the apparent effect of making possible the earlier issuing of the Comptroller's Monthly Statements, but, as these have, in most instances, been incomplete, it has failed in the principle advantage that was claimed for it, namely, that it would prevent over expenditures, and, if over-expenditures have been avoided, this is entirely due to the careful carrying out of instructions received by the head of the Department at the beginning of the year and is in no way due to the Work Order System, as at present operated.

CENTRAL PARK. The Department was very severely criticised during the early part of the summer, because of the bad effect the drought was having on this Park, though all the watering that was possible with the facilities available was being done. A specially designed automatic sprinkler system was installed as rapidly as possible, but finances only permitted of a portion of the Park being so treated. I strongly recommend that this be installed throughout the Park this year.

Rustic arches were made over several of the entrances. These will eventually be clothed with vines. The ugly effect of the arches was, to some extent, eliminated, by replacing

pipe construction, in part, by rustic work. This work should be completed this year.

The Annual Commemorative Service was held in Sept. and was even a greater success than in 1918. The Parks Department made and placed on the Monument 15 large Floral Designs valued at \$300.00. Floral tributes from other sources were very numerous.

The usual floral display was maintained, and as in former years was much appreciated by the public, many of whom were most enthusiastic with regard to it. A new perennial border was made along the north side. This will eventually contain specimens of all herbaceous plants hardy here, and will be a novel and interesting feature.

It is unfortunate that there is no lighting system in this Park. It could be cheaply and effectively lighted by the use of four high-power lamps placed on the Library and bandstand.

HEWATA PARK. A large sum was expended in improvements to the Baseball & Football Grounds, and a considerable addition was made to the seating accommodation. There was a record attendance of 10,000 people at the opening Baseball Game and the patronage was good throughout the season. That the facilities provided were appreciated is evidenced by a letter received from the President of the Baseball League, Copy of which is appended:-

Dec. 20, 1919.

W. R. Reader, Esq.,
Parks Superintendent,
Calgary.

Dear Sir:-

In view of the thoroughly efficient and highly satisfactory manner in which the parks department handled the athletic grounds this year, I feel that it would be only fitting that I should convey to you the appreciation of those in Calgary who are interested in athletic recreation. The baseball grounds provided at Hewata Park and the accompanying equipment are the best I believe in Canada in so far as municipal playgrounds are concerned. The diamond there was kept in the very best of shape all season, and the crowds who attended were given excellent accommodation. We figure that between 60,000 and 75,000 persons attended the Calgary City League games during the season, and we believe that this attendance will be increased next year even in the face of the competition of professional baseball. We had an average attendance of more than 1,300 persons, and at some of the games the attendance ran to nearly 3,000. The attendance at the opening game was estimated at 10,000 and was the greatest crowd ever present at a baseball game in Calgary. W.J. Oliver, the photographer, has a panoramic picture of the crowd at that game taken from the roof of the Armouries and I believe it would be only fitting to have that photograph reproduced in the civic records as evidence of what the City of Calgary accomplished in 1919.

As President of the City Baseball League, and Vice-President of the Calgary Athletic Association, also as a governor of the Alberta Provincial Athletic Union, I wish to tender you on behalf of the organizations mentioned, to Mr. W.T. Ross your assistant, and to the City Commissioners and Aldermen, the sincere thanks of these organizations, for the

treatment accorded the sport-loving public of Calgary, and those who actively take part in sports.

Yours sincerely,

(signed) C.A. Haylen.

President City Baseball
League.

Twenty-eight additional bleachers were erected; 141 Baseball, and 37 Football matches were played during the season, and the grounds were in use for practice every day.

Several large trees that had to be removed from building sites in the city were transferred partly to Howata and partly to Riley Parks, and these will be useful as screens to buildings that are not very artistic in appearance.

Better skating facilities have been provided this winter than ever before. These include a good hockey rink and a dressing room.

The excavation south of the Armory has been filled in. I recommend that this be levelled and seeded without delay and the space utilized for tennis courts. I would further recommend that the whole park be properly fenced and that trees and shrubbery be planted on the inside of this fence and at the back of the bleachers.

One hundred and twenty nine loads of shale were used in resurfacing the Baseball Diamonds and 36 loads of loam on the Foot Football Ground.

RILEY PARK. The Caretaker reports on this Park as follows:-

Early in the spring, the grass in Riley Park was mulched with stable manure, about 2/3 of the acreage being covered. The benefit of this was seen in the green grass of the early summer.

Some maples from 1st. Street W. and 6th Ave., being in the way of building operations, were replanted around the cricket club-house and the playground, very early in the season. Necessity thus causing transplanting in the wrong season, the trees did not show as rapid a recovery as desirable. However, vigorous pruning probably helped, and as there is still life in the trunks, a recovery may be looked for next year.

About the 1st. May, we started to remove the manure from the grass and beds, and to cultivate the beds and border. All the beds were cultivated two or three times throughout the season and vacant spaces filled in with annuals and perennial flowering plants. The border was cultivated once during the season, and in the spring it was thinned out a little where the shrubbery was getting too thick.

The work on the border was delayed in the spring, partly on account of not having help till the 1st. May, and partly because every available man was put to work on the cricket pitches, to rush that work to a finish in time for the opening of the cricket season. While this did no real harm to the border, the delay thus caused made the cultivating of it a much more laborious job -- and a longer one -- after the shrubs had burst into leaf.

Two cricket pitches were constructed, and proved quite an attraction to the park during the season, bringing many visitors there for the first time. When the beds were in bloom, later in the season, visitors to the cricket matches were very appreciative. Cars were parked on the main drive, during the

matches, being kept strictly off the grass. A Club-house was built in the centre of the park, convenient to both pitches, for the use of the cricketers, and made to satisfy both clubs. Although somewhat of an experiment, the cricket privileges did nothing to detract from the general purposes of the park; and comments, both verbal and in the press, showed that the experiment had been a success.

To make the pitches, 59 loads of clay and 106 loads of loam were used as it was necessary to fill in part of a walk. The actual pitches were accurately measured off, the turf removed, excavated, filled in with ashes, surfaced with clay and rolled -- a process which gave satisfaction to the players. Some difficulty was experienced when the steam roller -- which was too heavy for the work -- started rolling the eastern pitch. The ground here was originally low lying being graded and filled in, in 1911-2. Some frost was still in the ground; above the frost was very soft clay; the ashes did not bind and when the roller passed over, the surface buckled. Part of the ashes were removed; gravel was placed in the bottom of the soft spot, and it was re-rolled successfully. Turf was lifted around the pitch, re-graded and re-laid, and part of a path was filled in, graded, and turfed over with what was removed from the pitches. Very little work was needed throughout the season to keep the pitches in good shape. A practice pitch was also made and nets provided. Very great appreciation, for the facilities thus provided, was expressed by the cricketers.

The small gate entering from 12th. Street was removed further south, to prevent the school children making a path across the grass. The gates on the south and west sides were finished off with rustic trellis work and hops planted. The hops did not do much the first year, but will probably be more luxuriant next season. This work served a double purpose: it was an improvement to the appearance of these entrances, and kept visitors -- especially children -- from taking short-cuts through the border to the gates.

The pipes along the fence, inside the border were lifted and relaid on the outside of the border -- which proved much more convenient. In the S.W. corner of the border, a spraying system was installed -- by means of which spraying could be accomplished by simply turning on the water. The pipes were all taken down in the fall, drained, and put away till next spring. In July, everything was so dry -- grass included, that the large hose was used for about 10 days to water beds, border, and grass; and in the summer, the lake was kept flooded -- a great attraction to the children, who made full use of it.

The grass was cut all over the park, three times with the horse mower, and twice with the motor mower.

A tool horse was built on the S.E. corner from old lumber and the whole shingled over.

The gravel hole along the western fence was partly filled in and graded. Although this is not yet completed, it made a great improvement to what formerly was the chief drawback to the appearance of the park. The manure used for mulching last spring, was reused partly in this fill, and partly in grading a low place on the north side of the park.

Some thousands of plants many of them annuals, were used in the early part of the season to fill in the beds. These annuals made an extraordinarily good showing and there was a

profusion of bloom right up to the time of the first frost - quite the best the park has had. The beds were all mulched again this fall.

Thirty loads of cinders were used on roads.

(signed) J. McClinton.

HILLHURST ATHLETIC PARK. Some months elapsed between the expiration of the lease of this park and its renewal, and during that time, no work was done. Considerable improvements were then made to the space beneath the Grandstand and excellent dressing rooms are now in operation. Very fine sheets of ice for skating and hockey, 150' X 300', and 98' X 205', respectively, have been established and are being well patronized. Twelve highpower lamps are used to light these rinks. The grounds were used during the summer months for 68 Soccer and 23 Rugby matches and many practice games. Fifteen sets of bleachers have been placed on the north side of the playing field. The large gates were permanently closed by request of the football authorities.

✓ ST. GEORGE'S ISLAND. The Merry-go-round purchased early in the year was repaired and assembled at considerable expense and after a good deal of trouble got into running order. It was thus late in the season before any revenue could be realized from this source. The indications are, however, that, a full season's operation will result in considerable earnings.

323 loads of cinders were used on driveways.

As it seemed impossible to properly control automobile traffic, the privilege of driving being abused by speeding and by driving into the shrubbery. It was eventually decided to close the Island to vehicular traffic except from bridge to bridge. A clearing was made just off this portion of the driveway for parking.

A very dangerous condition with regard to the heating of the caretaker's residence was discovered, and a brick chimney was immediately built.

The deer proved a great attraction. Features of this nature might be increased with considerable advantage for they certainly made the parks more interesting to the public.

I beg to recommend that a year-round water supply be installed here. This can be done at comparatively small cost.

A good roomy shelter, and more public conveniences are also urgently needed.

I would also recommend that the work of developing a lake for boating and bathing in accordance with the plans prepared by the City Engineer be commenced during the coming season.

✓ TUXEDO PARK. As the result of very emphatic requests from residents in the neighbourhood of this Park, some improvements were made here. These improvements consisted of planting trees and shrubbery around the band-stand and on the bank at the west end of the Park. I recommend that these improvements be extended.

✓ SHAGANAPPI MUNICIPAL GOLF COURSE. In compliance with the requests of the Club Executive, several changes were made to the bunkers and hazards.

and improvements made to greens and tees, the locations in several instances being changed. In making these changes ~~53~~ loads of clay and 48 of loam were moved, 21 loads of sand, 7 of rock, and 42 loads of refuse were also moved during the season.

Four new bunkers were made, two new drop ways made on greens Nos. 15, 16; and three old bunkers remodeled. A fence was built on west side of course, which proved very satisfactory until the Banff road was closed, This diverted all traffic right through the course, destroying No. 1 green, also leaving gate open for cattle to come through. Number 18 was prepared for a grass green. All Tees were relaid at the beginning of the season, and 13 for a second time before the championship games were played. Six driving mats were laid which proved very satisfactory.

About 100 trees were destroyed in the bush by boys who used this park for a camping ground.

Very considerable damage is being done to bunkers, greens and tees, by cattle and horses, roaming on the course, This must be stopped, for it is impossible to keep greens in good playing condition, under these circumstances during the summer, and the cost of repairs when the season opens in the spring is tremendous.

The numbering of the greens and tees was changed and this relieved the congestion to some extent.

Season tickets sold:-

	Gents	.	.	195	@	\$7.00	1,365.00
	Ladies	.	.	69	@	4.00	276.00
Day tickets	.	.	.	.	.	.	828.00
Locker Rents & sale of Padlocks	.	.	.	.	.	.	173.00
Total Revenue	.	.	.	.	.	.	<u>2,642.00</u>

TOMPKINS GARDENS. The building operations commenced by the Imperial Oil Co., made considerable disturbance on this plot, but as the city now owns the whole area, there cannot be any recurrence of this trouble. The excavation is being gradually filled during the winter months, as material is available.

R.N.W.M.P. MEMORIAL. This plot was planted and seeded during the season.

GARDEN CRESCENT. For several years considerable complaint has been made regarding the growth of dandelions on this area. This has now been remedied by digging up the whole lawn area and planting with trees and shrubbery.

PLAYGROUNDS. By request of the Calgary Playground Assn. the sum of \$1500.00 was allotted as salaries for playground supervisors and this money was expended during the holiday months of July and August. The supervision was very successful while it lasted, but I am more than ever convinced that these spasmodic efforts for short periods are, to a large extent, waste of money and energy, and that playground supervision will never be really successful until it is carried on throughout the year. I would strongly recommend that a properly qualified person be added to the permanent staff of this Department to organize and carry on this work.

It was suggested, at the beginning of the season, that the Parks Department assume control of the Playgrounds, and relieve the playground Assn. of this work, but as the Parks

Department has always provided, controlled, maintained, and financed these playgrounds, it is difficult to understand to what greater extent it could take over their management. Up to the present time, the Playground Assn., has acted purely in an advisory capacity. It has been of great assistance in this way, and it is sincerely hoped that this assistance may be continued. The report of Miss Carlyle, who was in charge of the supervisors is appended:-

August 28th., 1919.

Mr. Wm. R. Reader.
Supt. Parks & Playgrounds.

Dear Sir:-

I have the honor to submit herewith the following report of the work of the Calgary Playground Association for the season 1919.

The season opened with the conduct of a day nursery during Calgary Exhibition. During Exhibition week a very large attendance of children at the nursery was evidence of the great appreciation of this feature of the season's work. The association is indebted to the Union Milk Company for the donation of a liberal supply of milk for the children at the Day Nursery during Exhibition Week.

Play centres were maintained at; Western Canada College; Victoria School; Ramsay School; St. George's Island Riverside School; Crescent Heights School; Riley Park and Mewata Park, making eight centres in all.

Very much credit for the success of the work of this season is due to the ladies in charge of these centres for their faithful and painstaking efforts in the conduct of the various centres to which they were assigned.

During the first few weeks the work was greatly handicapped owing to the lack of complete equipment, and the success of the work would have been very much greater had there been better equipment at the various centres. It is impossible to hold attention and interest of children in their play, unless there is sufficient amount of equipment so that all can take part in the various play and exercises.

It was very evident from the beginning, that the centres which were provided with shade trees and other natural attractions were much more popular and were more regularly attended by the children, than was the case in the centres where these things were not available. This was particularly noticeable in the cases of Riley Park and St. George's Island.

The most popular games were the more highly organized ones such as; Baseball, Volley ball, Basket ball, Dodge ball, Captain Ball, Tennis, and Relays, all of which require team work. It seems to me that these should be encouraged since some of the beneficial results to be obtained from maintaining playground centres, will be found in the intimate association of the children with each other and their dependence on each other in these organized games.

Respectfully submitted.

(signed) Kathleen S. Carlyle. ✓

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Apparatus was placed at the School for Sub-Normal Children, in Victoria Park, and at 15th. Ave., and 9th St. W. The apparatus at three other sites has been removed by request of owners of property. Total number of Playgrounds now in operation is 29.

Attendance at Playgrounds during July and Aug.

Crescent Heights	3,900	Riverside	5,883
Mewata Park	6,060	St. George's Isle	9,494
Ramsay	3,946	Victoria	4,737
Riley	7,171	Western Can	3,215
		TOTAL	<u>57,593</u>

RINKS. Sixty three rinks have been constructed to date, with requests for others still being received.

ATHLETICS. Besides the work in this connection mentioned under the several park headings, some assistance was given the Tennis Players on Prince's Island, a toboggan slide was maintained during the winter months on 11th. St. Mt. Royal; Grounds for football were cleared, levelled with 35 loads of clay, steam rolled, and equipped at Victoria Park, and some improvements made to football and cricket grounds at Western Canada College.

Considerable dissatisfaction was expressed from time to time by the Soccer Football players regarding condition of the grounds. Frequent consultations were held with them and their suggestions put into effect, but it seemed quite impossible to provide conditions to meet their requirements though every effort was made to do so.

Tennis Courts:- What tremendous impetus is given to a certain class of athletic sport, (when the Municipality provides facilities, was evidenced last year in the game of cricket. For the past 3 or 4 years I have advocated Municipal Tennis Courts but the amount of the Parks Appropriation has not warranted their construction.) This year there is going to be a very emphatic demand for facilities from the patrons of this game. I have therefore again included items in Estimates for this work.

BAND CONCERTS. Several concerts were held during the season and were well patronized. The Bandstands in several of the Parks are becoming very dilapidated, and were not very desirable at any time from an aesthetic standpoint. A number of cities are now using portable bandstands which they find very satisfactory, as they can be used in any locality inside ~~the outside~~ the Parks. Such a bandstand could be constructed for approximately \$500.00 and would be an exceedingly useful piece of equipment.

BOULEVARDS. Complaints have been many during the past season that the Boulevards have been neglected, both as regards watering and the cutting of the grass. These complaints were justified, for in some sections the grass was only cut once during the whole season. It was impossible, however, to give better service. The appropriation was inadequate in the first instance, and much of it was used for other purposes, as for instance weedcutting. It cannot be denied, however, that these boulevards were at times a disgrace to the Department, and to the City as a whole, and, had the rainfall been normal, it is difficult to realize what their condition would have been.

Several years of neglect and two extremely dry seasons have had the inevitable result of ruining the grass in many places, and leaving nothing but a growth of weeds. This cannot be remedied in any other way than digging them up and re-seeding, a rather costly undertaking, and a proof that rigid economy cannot be practised without deterioration.

I regret to say that mischievous damage has taken a new form during the past year, many limbs being broken from the larger trees by children climbing into them. This would be largely prevented by tree guards.

I would again like to call attention to the conditions existing on the Boulevard on the north side of the Bow River, between Centre St., and the Langevie Bridges. This area was originally a piece of very pretty woodland but the trees which at one time covered it are fast disappearing and it is only a question of time before the area will be entirely denuded. A start should be made immediately to protect and preserve those that remain, and replace those lost by underplanting with new trees. In order that whatever planting is now done may be permanent, I would urge that a comprehensive plan, such as I submitted recently, for the future development of this area be adopted. There is absolutely no doubt in my mind that this area will some day be an important unit and connecting link of our park and recreation system, and for this reason a permanent plan is very essential that whatever money is spent here may be used to good purpose and not spent on development work which, in the course of a few years, might have to be undone because of change of plans.

Requests from citizens for the construction of Boulevards are increasing each year. In each case where these requests are acceded to, the work is charged for at cost.

The report of the Boulevard Foreman is appended:-

Pruning:- Commencing January, trees were pruned on all the Streets and Avenues south of the track. Seventh Ave., north of the track was completed, and the west end of 6th. Ave., to 2nd. St., West. The trees were all cleaned out where effected by blight and tarred. The trees that were hard pruned last spring, are not so much infected with disease as those that were not pruned.

In the fall when the grass cutting was completed, the trees were again looked over, and tied up to the stakes and pruned where necessary. All the Streets and Avenues on the south side of the track were again looked over. These trees did not require very hard pruning this time, as they were well trimmed out last Spring. If it had been a wet season we should have seen far better results from this pruning.

Planting:- The vacant places in all streets and Avenues in Elbow Park where trees had died were replanted with trees of the same species; namely Balm and Ash. Second St., West from 13th. Ave., to 23rd Ave., was planted with Dakota Balms. These are all living with the exception of two. I find that quite a number of these trees have been damaged, some of them having the tops broken off. Eighteenth Ave., from 5th St. W. to 2nd E., 19th. Ave from 5th St. W. to 2nd W. were planted with Balms; 20th Ave., from 5th. St. W. to 2nd W. with Cottonwood and Maple; 23rd. Ave., 2nd. to 5th. W., and 24th., and 25th. Aves., from River to 5th. St. W. with Balms; and 26th. Ave., from River to 5th. St. W. with Balms and Maples. I find that quite a number of these trees did not survive owing to the dry season. Eighteenth Ave., from 7th. to 9th. Sts. W. was filled in with Cottonwood and Balms.

Nineteenth and 20th. Aves., from 7th. to 13th. Sts. W. were filled in with Balm, and Wolf Street, was planted with Dakota Balm. These are all thriving. I would like to mention here that

the home grown trees are far superior to those purchased, as they have thrived in the dry season where the others have failed.

The west end of 13th. and 14th. Aves., to 8th. Street W. were filled in with Russian Poplars, but owing to them being in a very dry condition when planted they did not survive the dry summer. Fifteenth Ave., was filled in with Balms; 12th. St., Hillhurst was filled in with Cottonwood, and portions of the Boulevards adjoining Riley Park were planted with shrubs removed from the Park Borders. (The number of trees planted is shown in the tables at the end of this report).

There are quite a number of small holes on the boulevards that could be greatly improved if filled in with loam and seeded.

I find that very much damage is being done by the public also by teams and autos crossing the boulevards. I would like to call your attention to this as something should be done to stop this destruction.

(signed) A. Halls.

CEMETERY. 322 loads of cinders were used for road maintenance.
 1,314 " soil removed from graves.
 359 " loam used for improvement of grave plots.
 200 " refuse removed.
 660 " manure used on grave plots.
 29 " rock used for channelling.
 780 markers made and placed.

	1918	1919
Family plots loamed and seeded	15	31
Single " " "	184	443
Plots under Perpetual Care	12	57
Family plots maintained	337	62
Single " "	323	665
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Disinterments and Reinterments	10	18
Interments in Free Burial Ground	45	39
Interments in all sections	912	709
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4' x 12' Plots sold	757	554
20' x 20' " "	39	34

The Influenza epidemic has affected work in the Cemetery throughout the year, most noticeably in the large increase in the number of graves improved and cared for, and to a lesser extent in the number of disinterments and re-interments.

MEMORIAL PARK. There has been a movement started in the city to plant trees in memory of those citizens who made the supreme sacrifice in the Great War. The idea is a beautiful one, and quite practical, and would be a means of adding many trees to beautify our city. With all due respect to buildings, monuments, arches, and memorials of that nature, these are all artificial and so not mark the identity of the individuals they memorialize in a very pronounced way. A Memorial Park on the other hand would provide a tree for each individual soldier. In fact, it would be possible to go a step further, and provide a space around each tree which relatives could beautify with flowers. This might prove some solace to

those whose loved ones are buried in unknown graves in a strange country. Each tree should be properly dedicated to a soldier, and have tablet with name, age and other particulars. An area that could well be used for this purpose is the western slope at the approach of the Cemetery.

NURSERIES. These are very well stocked at the present time. The trees we have, however, are small owing to constant demand for them, so soon as they are of sufficient size to transplant. There is a large amount of shrubbery and plants available for immediate planting, and as space is badly needed for further propagation, I would recommend that, during the coming planting season, all other activities be stopped as far as possible, and the whole energies of the Department be devoted to this work whilst it is possible to do it. This planting time comes at the opening of the season, when the public usually begins to wake up to the need for improvements of various kinds and makes demands on the Commissioners accordingly. Much of the work so requested could, however, be done at any season, whereas the planting period is a very short one, and if allowed to pass is lost for the year.

A sprinkler system similar to that in Central Park was installed in a portion of the Nursery. This should be extended over the whole area without delay for it will repay its cost in a remarkably short time by the rapid growth and development of stock that will result, for trees of sufficient size for permanent planting can be grown in one half the time. If 5 or 10 acres of irrigated land could be placed at the disposal of the Department for this class of work, sufficient stock could be grown and sold to made possible, after a few years, the production of the Department's requirements without cost.

The demand of this and the greenhouse department for cut flowers for public decorations, churches, bazaars, etc., has grown enormously, and has been at times, almost beyond the capacity of the Department to meet.

Small purchases were made of hardy shrubbery and plants not already in stock, that they might be increased for future use. This introduction and propagation of new stock has proved one of the most useful features of our nursery work. That this work is worth while is proved by the fact that of trees introduced only 25% have failed to prove hardy, of shrubs, 30%, and of perennial flowering plants, 5%, and many of those species introduced successfully are now being generally grown.

(This winter 61,085 cuttings have been prepared to date.)

GREENHOUSES.

Plants raised in Greenhouses

Annual Flowering Plants.	. . .	76,800
Perennial " " "	. . .	13,914
Vegetable Plants	. . .	6,400
		<u>97,114</u>

Value of Plants raised.

1,500 Geraniums	@ 50¢	750.00
900 " "	@ \$2.00 per doz.	150.00
26,700 Annuals	@ \$4.00 " hun.	1,068.00
54,100 Vegetables & Annuals	@ \$2.00 " "	1,082.00
13,914 Perennials	@ \$2.00 " "	278.00
<u>97,114</u>		<u>3,328.00</u>

Distribution of Plants raised.

Central Park	13,150
Riley "	16,100
St. George's Island.	3,760
City Hall Garden	1,150
Tompkins "	9,800
Mount Royal Intersections	3,500
Cemetery Borders	13,100
Farm	6,000
Gospel Mission	400
R.N.W.H.P. Memorial	350
Ogden Military Home	3,500
Firehalls	1,240
Sold for Cemetery use	4,250
Miscellaneous	6,900
Nursery (perennials)	13,914
	<hr/>
	97,114

Besides the above, a quantity of pot plants has been maintained and cut flowers for winter, grown for decorative purposes.

HOSPITAL FARM. In accordance with my suggestion of last year, a much smaller area was devoted to potatoes. This was fortunate as about 1/3rd of the crop was destroyed by frost, and had the area been greater, the loss would have been more serious in proportion. It is most unfortunate that drought and frost resulted in what was practically a crop failure, for the area was kept in much better condition than in any previous season, due to the fact that the comparatively large staff of 8 to 10 men was kept at work throughout the summer. These were men who had grown old in the city's service, and were transferred from the Street Cleaning Department, having outgrown their usefulness there. These men, were, of course, only about one half efficient, and, their employment, even under favourable weather conditions, would have made it impossible in my opinion, to make the undertaking a profitable one. However, as the city is under some obligation to these men, I consider the arrangement fully justified for this reason, and it is probable that they could be of greater service when engaged in this work than in any other way. A circumstance that seemed somewhat of an injustice to this undertaking was the fact that this Department had to bear the full cost of the holidays for each of these men, which they were entitled to by length of service, though working for the Parks Department only a few months. This amounted to over \$200.00.

Practically the whole of the crops successfully harvested were utilized by the Hospital.

A shrubbery and border was planted along the south and west side, trees and plants being used.

4,506

MANURE. has been used as follows:-

65 loads sold		69 loads used in	Boulevards
660 " used in	Cemetery	36 " "	Tompkins Gds.
41 " "	St. Geo's Is.	212 " "	Farm
171 " "	Central Park	29 " "	Nursery
5 " "	Levada "	8 " "	Golf Course
406 " "	Riley "	114 " "	were removed from Stables

TOTAL - 1,786.

GENERAL HOSPITAL GROUNDS. Improvements were made to these grounds, principally along the lines of clearing away debris, grading and improving the banks and terraces. \$1,728.68 were expended on this work, 199 loads of refuse and gravel were removed and 307 loads of loam used.

WEED CUTTING. There seems to be an impression that the enforcement of the Provincial Weed Act and the Municipal Bylaw within the city limits is the work of this Department. If this is correct, it is quite unknown to the head of the Department. No appropriation was made for weed cutting in the 1919 Estimates, and what work was done on public property was charged to the Boulevards appropriation.

I have not yet been able to discover a city on the whole North American Continent that makes its Parks Department responsible for this work, and it is difficult to understand why this should be so in Calgary. The streets and lanes outside of the parking strips that have been improved, are entirely in charge of the Public Works Department, and the logical conclusion is that the suppression of weeds on these areas should be the work of that Department.

AUTOMOBILES. It was not found possible to comply with the request for a truck made in my last report. As an alternative, truck bodies were made for my own and the general foreman's cars and these have been used for hauling light material as occasion required. A considerable saving of horse labour was thus effected. For instance: my own car was used weekly to haul sand and water for tees at the Golf Course, this work, which had previously required a team for a day on each occasion thus being accomplished in a few hours. Plants for floral display in the several parks were also distributed by this method, some 80,000 being delivered and planted in about two weeks, -- a record time for this work. This method has, however, only partly met the requirements of the Department, and the service rendered and the amount of work done by a one-ton truck in long distance hauling would fully justify the expenditure.

ST ANDRIES Assistance was given in providing Auto Camping Ground. Decorations made for visit of H.R.H. the Prince of Wales. Triumphal arch erected for 31st Batt., was decorated. Considerable work done at St. George's Island for Peace Day Celebration and exhibits made at various Flower Shows. Christmas tree was provided for the G.W.V.A. and Christmas decorations for the General Hospital.

ESTIMATES FOR 1920. These have received as careful thought and care in their preparation as in previous years, and are based on previous year's expenditures, making allowance where necessary, changed conditions. It has been suggested by the Comptroller that these Estimates should be more scientifically prepared, but, as there is a considerable element of uncertainty with regard to many of the activities of this Department, I do not see how this is possible. For instance, climatic conditions have a considerable influence on much of the work. It is impossible to scientifically prognosticate how many interments will take place or how many persons may require graves cared for; and these specific elements of uncertainty could be added to considerably. Therefore it is necessary to depend largely on the experience of previous years.

The Parks Estimates and Expenditures of Calgary are sometimes compared with those of other cities, but, unless due allowance is

made for the items included here, and which are so seldom a part of the Parks Department's work in other cities, such as the Cemetery, Weedcutting, Municipal Park, etc., these comparisons are very unfair.

CONCLUSION. I would like to call your attention to the fact that the enforcement of the Parks Bylaw is exceedingly lax at the present time. This Department is & believe the only Parks Department of its size that does not have a police force of its own to enforce its regulations.

I would respectfully recommend that the Annual Report of this Department be illustrated and printed. I receive reports from cities all over the North American continent, all of which are printed, many of them quite works of art. Calgary is apparently the only city that distributes mimeographed copies, which looks decidedly cheap. This report could be made of some advertising value to the city, and might also prove a means of bringing to the attention of citizens, the recreation facilities provided by this Department. The expenditures on parks are necessarily a waste of money if they are not used and not only should the amusements be provided, but that fact should be made known to the public, that the people may be attracted to them.

In conclusion I would like to say that, though the year has been a trying one in many ways, the most exacting duties that may fall to the lot of any official become comparatively easy when he feels that he has the confidence and co-operation of a large part of his employers, as represented by the public. This I gratefully feel I have.

Respectfully submitted,

(signed) W. R. Reader.

Parks & Cemetery Supt.

REVENUE STATEMENT 1919.

Total Cash Receipts	\$20,732.52	
Interdepartmental Invoices.	3,338.77	\$2,071.29
Cash Receipts creditable to 1918 Revenue.	1,331.97	
Cash credits made to Parks Appropriations	1,158.70	
Interdepartmental Credits.	3,338.77	5,829.44
Net Cash Receipts		<u>\$18,241.85.</u>

DETAILS OF CASH RECEIPTS.

Cash Revenue.	1918 Outstanding Accts.	Credited to Parks Appropriation
Cemetery.		
Grave Lot Sales.	6,337.00	353.00
" Digging Fees	3,130.00	240.00
" Impr. & Mtce.	3,503.80	
" Perpetual Care	414.57 -- 13,384.87	
Golf Course Receipts.	2,634.00	
Hillhurst Rink "	90.75	
Nursery Sales	995.38	45.60 . . . Sale of Trees . . . 127.99
Greenhouse Sales.	296.47	223.20
Manure "	154.35	10.50
Farming.		
Produce.	1,327.75	457.67
Land Rentals	97.70	
Implement Hire	75.75 -- 1,501.20	2.00 . . . Mtce to Tools . . . 70.25
Athletic Gate Receipts	501.74	Athletics 501.74
Gravel Permits	10.00	St. Geo's Isle. 10.00
Refreshment Concessions	715.00	
Work done for Ex. Co.	43.83	Sundries 43.83
Merry-go-round. St. George's Island	194.38	St. Geo's Isle 194.38
Damage in Cemetery	3.30	Cemetery 3.30
Watering V.L.G. 1918.	59.25	Sundries 59.25
Playground Equipment.	81.72	Playgrounds. 81.72
Boulevards.	56.68	Boulevards 56.68
Team Hire	9.60	Sale of Trees etc 9.60
TOTAL CASH RECEIPTS	\$20,732.52	1,331.97
		1,158.70

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DETAILS OF
INTERDEPARTMENTAL CREDITS.

Department.	For	Credited to.	Amt.
Fire Department.	Plants	Nursery	24.00
Gen. Hospital.	Improvements to Grounds	Farm	1,153.50
Health Department.	Auto Hire	Auto Mtce	28.80
Paving "	Tools	St. Geo's.	5.24
Public Works "	Boulevard construction.	Blvds.	4.40
" " "	Stenographer	Sundries.	42.50
Receptions Committee.	Decorations for		
" " "	H.R.H. Prince of Wales	Sundries	23.86
" " "	" " "	" "	1.76
Sewer Department.	Hire of Team.	Horse Hire	6.30
" "	Improvements to		
" "	workshop.	Mtce Tools	7.31
" "	Hire of Team	Sundries	33.60
Stores "	Greenfeed.	Farm	1,774.05
" "	Sundry Items.	Sundries	12.00
" "	Material turned into		
	stock.	Mtce Tools	40.84
Street Railway Dpt.	Building.	Riley	120.00
" " "	Tickets		
	(Herry-go-round).	St. Geo's.	60.21
TOTAL CREDITS.			<u>\$3,338.77</u>

DETAILED STATEMENT OF APPROPRIATION EXPENDITURES FOR 1919

1. <u>CENTRAL PARK.</u>	Labour.	Material.	Total.
Bldgs. Comfort Stn. Fencing & Furniture.	143.24	45.20	188.44
Caretaking & Supervision	172.17		172.17
Floral Display	290.67		290.67
Flower Border (new)	152.79		152.79
Fertilizer.		27.00	27.00
Holidays & Sick Leave.	143.86		143.86
Lawns Renovating.	228.07		228.07
" venger (wooden).	28.25	40.47	68.72
" mtce.	368.66	23.43	392.09
Light.		10.65	10.65
Mulching.	182.15		182.15
Misc.	38.49		38.43
Memorial Day Decorations	85.64		81.64
Refuse.	131.58		131.58
Roads & Paths.	84.32		84.32
Rustic work/	297.26		297.26
Snow.	43.09		43.09
Shrubbery Border	157.32		157.32
Stores, handling & haulage.		7.37	7.37
Sprinkler system.	204.36	164.60	368.96
Trees, pruning, etc.	44.76		44.76
Watering.	175.39		175.39
	<u>2,942.07</u>	<u>318.72</u>	<u>3,260.79</u>
2. <u>MUNICIPAL PARK.</u>			
Bldgs. Furniture, Mtce. etc.	24.40	8.50	32.90
Caretaking.	40.34		40.34
Comfort Stn.	45.75		45.75
Fence Reprs.	30.11	2.58	32.69
Grading excavation.	9.60		9.60
Holidays & Sick Leave.	93.59		93.50
Misc.	59.50		59.50
Refuse.	135.46		135.46
School Sports.	23.72		23.72
Stores, handling & hauling.		34	34
Tree planting.	222.48		222.48
Trees & Shrubbery Mtce.	12.47		12.47
Watering.	57.87		57.87
Water Service Reprs.	275.00		275.00
Weeds & Rough Grass.	125.18		125.18
Charged to Athletics.			
Baseball Ground, mtce.	242.47		242.47
" " Impr.	508.90		508.90
" " Fence & bleachers	642.92	808.35	1,451.27
Football " mtce.	107.64		107.64
" " impr.	186.89		186.89
" " fence, bleachers & equipment.	138.68		138.68
Steam-roller.	72.00		72.00
	<u>3,054.88</u>	<u>819.77</u>	<u>3,874.65</u>

3. RILEY PARK.

Caretaking.	200.89		200.89
Comfort Station	26.27		26.27
Fence repairs.	6.06		6.06
Floral display	80.26		80.26
Holidays & Sick leave	164.41		164.41
Hauling Manure (St. Rlwy)	48.00		48.00
Lawns renovating	283.40	40.00	323.40
" " mtee.	390.67	6.42	397.09
Miscellaneous	6.04		6.04
Roads & Paths, mtee.	157.32		157.32
" " (new)	46.41		46.41
Refuse	53.56		53.56
Rustic work	362.34		362.34
Stores hauling & handling		1.68	1.68
Trees & Shrubbery mtee	419.42		419.42
Trees, planting	221.65		221.65
Tool shed (new)	103.75	16.12	121.87
Weeds & rough Grass	32.88		32.88
Watering	175.50		175.50
Water service, moving and re-connecting	168.96		168.96
Grading at West Entrance	124.14		124.14
Charged to Athletics.			
Cricket Pitches Construction	306.06		306.06
" " mtee	49.03		49.03
Pavilion & equipment	208.36	146.60	354.96
Steam Roller	42.00		42.00
	<u>3,996.76</u>	<u>210.82</u>	<u>4,207.08</u>

4. HILLHURST ATHLETIC PARK. (Charged to Athletics).

Bleachers	21.20		21.20
Buildings, mtee & rprs.	92.87	8.55	101.42
Caretaking	110.00		110.00
Comfort Station	38	7.44	7.82
Fence repairs	37.20		37.20
Football Ground mtee.	267.00	12.23	279.23
Grant to Hillhurst Football Club.		100.00	100.00
Holidays and Sick leave.	23.26		23.26
Light		2.25	2.25
Rent and Insurance		475.00	475.00
Refuse	25.76		25.76
Steam Roller	33.00		33.00
Weeds	22.80		22.80
	<u>633.47</u>	<u>605.47</u>	<u>1,238.94</u>

5. ST. GEORGE'S ISLAND.

Auto parking space	106.28		106.28
Buildings, mtee.	48.78	1818	66.96
Caretaking	203.21		203.21
Comfort station.	84.84	27.19	112.03
Chimney, (Caretaker's House).	92.13	19.10	111.23
Deer Pen & Shelter	46.92		46.92

5. ST. GEORGE'S ISLAND. (continued)

Deer Feeding	29.27	3.90	33.17
Furniture	70.59		70.59
Flower Borders	198.40		198.40
Fencing-	72.02		72.02
Holidays & Sick leave	132.56		132.56
Hauling cinders. (St. Rlwy)	75.60		75.60
Lawns mtce	308.54	9.85	318.39
Light		56.29	56.29
Mulching	112.81		112.81
Merry-go-round		745.30	745.30
" " " Rprs & mtce.	569.05		569.05
" " " Shed for Motor	50.40		50.40
" " " Power		18.00	18.00
" " " Motor & driving gear.		607.50	607.50
" " " Light Dpt Charges		29.77	29.77
" " " Car Tickets		25.00	25.00
" " " Storing	14.21		14.21
Pic-nics	26.92		26.92
Roads (mtce)	495.61		495.61
" (verges)	43.50		43.50
Refuse	200.06		200.06
Rustic shelter, etc.	132.61		132.61
Snow	16.75		16.75
Stores hauling & handling		39.82	39.82
Trees & Shrubbery	6.00		6.00
Water Service, mtce & repairs	57.64	2.55	60.17
Watering	27.16		27.16
Weeds etc.,	56.96		56.96
	<u>3,278.60</u>	<u>1,602.23</u>	<u>4,880.83</u>

6. TUXEDO PARK.

Fencing	14.44	25.91	40.35
Planting	99.76		99.76
Stores hauling & handling		1.17	1.17
Tree cultivation	17.20		17.20
Watering	16.05		16.05
Weed cutting	33.42		33.42
	<u>180.87</u>	<u>27.08</u>	<u>207.95</u>

7. VICTORIA PARK.

Bleachers & seats for Exhibition	16.65		16.65
Leveling manure & cutting brush	211.99		211.99
Pruning	86.62		86.62
Refuse	9.85		9.85
<u>Charged to Athletics</u>			
Football ground	73.16		73.16
	<u>398.27</u>		<u>398.27</u>

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8. SEAGANAPPE MUNICIPAL GOLF COURSE.

Buildings, mtce & repairs.	24.19	31.55	55.74
Clubhouse furniture	78.65	85.26	163.91
" supplies		115.00	115.00
Caretaking & starting players	641.46		641.46
Debt on Clubhouse		958.77	958.77
Equipment	14.61	66.36	80.97
Fencing	69.95		69.95
Greens & Tees, mtce.	721.46	7.31	728.77
General mtce.	259.81	18.51	278.32
Heating Clubhouse		32.60	32.60
Holidays	9.60		9.60
Improvements to Greens etc.	204.96		204.96
Lights		40.10	40.10
Claims for loss of property		44.00	44.00
Miscellaneous	29.60	6.50	36.10
New Cups		23.16	23.16
" Greens & Tees	154.42		154.42
Bunkers & potholes	256.62	2.00	258.62
Periscope	7.50	.31	8.41
Stores hauling & handling		10.23	10.23
Subscription to Alta Golf Assn.		10.00	10.00
Telephone		79.82	79.82
Water service, repairs.	33.18		33.18
	<u>2,506.01</u>	<u>1,550.08</u>	<u>4,056.09</u>

9. CITY HALL GARDENS.

Flower beds	81.11		81.11
Lawn mtce.	188.15		188.15
" renovation	15.78		15.78
Miscellaneous	7.89		7.89
Tennis Court	13.60		13.60
Watering	61.50		61.50
	<u>368.03</u>		<u>368.03</u>

10. FORBES GARDENS.

Lawn renovation	55.64		55.64
" mtce.	41.27		41.27
Mulch removing	30.28		30.28
Planting	45.60		45.60
Repairing damage done by Imp. Oil Co.	36.12		36.12
Shrubbery borders	62.71		62.71
Watering	28.15		28.15
	<u>299.77</u>		<u>299.77</u>

11. R.N.W.M.P. MEMORIAL.

Lawn making	7.80		7.80
" mtce.	4.78		4.78
Planting	30.52		30.52
Shrubbery beds, mtce.	13.10		13.10
Watering	9.60		9.60
	<u>65.80</u>		<u>65.80</u>

12. PLAYGROUNDS.

Mewata Park	16.24		16.24
Riley Park	22.41		22.41
St. George's Island	21.51	.70	22.21
Tuxedo Park	17.10		17.10
Victoria Park (new)	17.38		17.38
Balmoral School	22.41		22.41
Ramsay School	18.39		18.39
Riverside School	23.10		23.10
Sunny-side School	9.10		9.10
Victoria School	5.91		5.91
School for Sub-normal Children (new)	30.78		30.78
Burns	10.83		10.83
City Hall	22.70		22.70
Childrens Shelter	24.52		24.52
Elbow Park	13.05		13.05
East Calgary (removed)	4.69		4.69
Garden "	6.94		6.94
Grand Trunk	8.50		8.50
G.W.V.A. Orphanage (incomplete)	4.00	38.67	42.67
Hillarny	8.53		8.53
Municipal	9.08		9.08
Munrow	14.81		14.81
McArthur	4.50		4.50
McInnis (removed)	12.29		12.29
Nose Creek (sold)	29.30	52.68	81.98
Ogden	11.78		11.78
Park Road	6.60		6.60
" View	7.18		7.18
" Hill (moved)	19.68		19.68
South Calgary	20.04		20.04
Sunalta Park	2.94		2.94
Western Canada College (moved)	33.91		33.91
15th. Avenue, 9th St. W. (new)	6.40		6.40
Supervisors' salaries	1,500.00		1,500.00
Equipment for supervision	26.60	62.98	89.58
Tomens Conference Exhibition	5.55		5.55
General repairs & mtce.	52.27	261.97	314.24
Stores hauling & handling		11.97	11.97
	<u>2,071.02</u>	<u>428.97</u>	<u>2,499.99</u>

13. RINKS.

Mewata Park, (hockey & skating)	545.61	12.25	557.86
Hillhurst Athletic Park, (hockey & skating)	650.54	4.68	655.22
heating cloak room.		58.75	58.75
Tuxedo Park	73.05		73.05
Balmoral School	15.19		15.19
Central School	32.15		32.15
" Collegiate School	28.93		28.93
Crescent Heights Coll. Sch.	13.57		13.57
Connaught School	18.87		18.87
Earl Grey "	24.67		24.67

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13. PINES. (continued)

Glengarry School	3.15		3.15
Grand Trunk "	9.45		9.45
× Hillhurst "	8.12		8.12
Haultain "	9.20		9.20
King George "	11.75		11.75
Mount Royal "	18.70		18.70
" " Coll	11.53		11.53
Ramsay School	24.01		24.01
Riverside "	19.52		19.52
St. Ann's "	5.12		5.12
" Mary's "	10.28		10.28
" Joseph "	8.86		8.86
" John's "	9.48		9.48
Sacred Heart School	18.01		18.01
Stanley Jones "	15.19		15.19
Sunnyside "	8.54		8.54
Victoria "	21.86		21.86
Westmont "	3.90		3.90
St. Hilda's Coll	7.86		7.86
Western Canada College	13.06		13.06
" " Playground	28.54		28.54
Army and Navy Club	3.16		3.16
Elbow Park	24.61		24.61
Grace Church	22.54		22.54
N. Mount Pleasant	7.83		7.83
New Street	2.55		2.55
Park Hill	15.21		15.21
Rosedale Crescent	7.08		7.08
Sunalta Park	21.58		21.58
St. Andrew's Church	1.65		1.65
Bridgeland (10th St. 3rd Ave)	6.58		6.58
" (11th St. 2nd Ave)	6.57		6.57
Capital Hill	58.38		58.38
4th Ave 5th St. W.	20.55		20.55
18th Ave 8th St. W.	8.15		8.15
2109 Center St.	4.71		4.71
437 14th Ave. N.E.	4.42		4.42
339 4th Ave. W.	5.60		5.60
5½ Street N.E.	3.91		3.91
1010 5th St. N.E.	3.91		3.91
909 5th St. N.W.	11.23		11.23
465 21st Ave N.W.	1.56		1.56
418 10th Ave N.W.	6.06		6.06
321 3rd St. N.W.	3.70		3.70
919 11th Ave E.	3.42		3.42
2314 15th St. E.	5.12		5.12
1731 26th Ave. E.	6.35		6.35
1012 4th St. N.E.	1.71		1.71
427 8th Ave N.E.	5.37		5.37
General repairs & supervision	96.90	255	97.45
Stores hauling & handling		1.53	1.53
	2,018.94	77.56	2,096.50

14. ATHLETICS.

Prince's Island Tennis Court	11.48		11.48
Toboggan Slide Mt Royal	70.47		70.47
Western Canada College.			
Cricket Ground	14.23		14.23
Football "	4.70		4.70
	<u>100.88</u>		<u>100.88</u>

15. BANDS.

Band Concerts		547.00	547.00
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16. BOULEVARDS.

Bridgeland Boulevard, fence rprs	15.00		15.00
" " mtce.	10.00		10.00
" " manuring	53.53		53.53
Gosple Mission Gardens	17.57		17.57
Garden Crescent	200.99		200.99
Mt. Royal Intersections	87.53		87.53
Mevata Park, Blvd., planting	43.85		43.85
Riley " " "	106.50		106.50
New Blvd., 14th St. W.	4.80	1.54	4.80
" " Riverdale Avenue	34.74	5.12	39.86
Knox Church, renovating Blvd.	18.74		18.74
Grass cutting	2,776.26	36.45	2,812.71
Holidays etc.	66.49		66.49
Miscellaneous	4.90		4.90
Policing-	7.66		7.66
Refuse	187.13		187.13
Renovating	12.00		12.00
Stores hauling & handling		53.78	53.78
Trees, pruning & dressing	1,316.25	12.29	1,328.54
" census	29.88		29.88
" staking & tying	707.04	277.59	984.43
" planting	959.70	661.60	1,621.30
" guards	57.86		57.86
" cultivation	24.30		24.30
Watering	226.50		226.50
Water service repairs	10.15	.25	10.40
Weed cutting	229.60		229.60
	<u>7,208.77</u>	<u>1,028.42</u>	<u>8,237.19</u>

17. CEMETERY.

Buildings, mtce & repairs	26.71		26.71
Caretaking	1,598.08		1,598.08
Fence repairs	19.27		19.27
Flower borders	419.17		419.17
Graves, digging	3,508.66	54.76	3,563.42
" soil from,	950.70		950.70
" lot markers,	181.11	14.65	195.76
" surveying & plotting	124.82		124.82
" loaming & seeding	1,885.17	171.01	2,054.18
" mtce.	1,500.67		1,500.00
Grading	152.70		152.70

17. CEMETERY. (continued).

Holidays & sick leave	120.80		120.80
Heating Chapel	7.02	11.10	18.12
Lawns, renovating.	195.61		195.61
Miscellaneous	30.96	50.63	81.59
Mulching	346.50		346.50
Refuse	135.38		135.38
Roads, mtce.	559.19	88.80	647.99
" new	85.61		85.61
" gutters & drains	316.18		316.18
" snow	200.27		200.27
Trees, planting.	235.28		235.28
" pruning, staking & cultivation	46.77		46.77
Telephone repairs		3.56	3.56
Watering	134.25		134.25
Water Service repairs	21.54	59.11	80.65
Weeds, rough grass & lawn			
mtce.	1,253.44		1,253.44
	14,033.88	453.62	14,487.50

18. NURSERIES.

Cultivating & weeding	254.67		254.67
Cutting flowers for hospital	29.67		29.67
Frames (painting & repairing)	110.20	4.54	114.74
Hotbeds	309.77	11.58	321.35
Labels & other equipment	63.96	24.11	88.07
Staking, spraying & labeling	27.55	9.00	36.55
Miscellaneous	25.22		25.22
Mulching	165.97		165.97
New stock		113.96	113.96
Preparation of land	225.53		225.53
Propagating trees & shrubs	447.27		447.27
Refuse	148.80		148.80
Root store	23.53	1.55	25.08
Seeds, collecting & cleaning	98.68	7.50	106.18
Sales	36.08		36.08
Stores hauling & handling		7.37	7.37
Sprinkler system	124.39		124.39
Transplanting	603.00		603.00
Watering	96.22		96.22
	2,790.53	179.61	2,970.14

19. Greenhouses.

Buildings & equipment.			
mtce & reprs.	41.61	42.83	84.44
Caretaking	187.51		187.51
Holidays & sick leave	184.44		184.44
Heating	332.44	739.37	1,071.81
Seeds, labels, fumigants, new flats & pots.	26.40	259.23	285.63
Miscellaneous	103.83		103.83
New stock		19.90	19.90
Painting	225.45	15.93	241.38
Refuse	118.38		118.38

19. GREENHOUSES. (continued)

Stores hauling & handling.		20.44	20.44
Decorations	138.78		138.78
Watering	347.08		347.08
Propagating, potting, cleaning, re-arranging etc.	1,059.40		1,059.40
Light		58.45	58.45
	<u>2,765.52</u>	<u>1,156.15</u>	<u>3,921.47</u>

20. TREES FOR SALE.

Stock		694.76	694.76
Sales (handling)	130.78		130.78
Stores hauling & handling		20.23	20.23
	<u>130.78</u>	<u>714.99</u>	<u>845.77</u>

21. SUNDRIES.

Auto camping ground.	18.06		18.06
Wreaths for funerals etc.	29.11	25.00	54.11
Collecting time sheets.	234.19		234.19
Civic holidays	165.99		165.99
Decorations for E.R.H. Prince of Wales.	163.71	20.00	183.71
Flags		17.20	17.20
Flower shows	56.43		56.43
Horse Hire	30.53		30.53
Office furniture & requirements	38.20	61.07	99.27
" cleaning	91.03		91.03
Other sundry items	968.78		968.78
Peace-day Celebration	195.94	59.80	255.74
Reception to American Editors	15.25		15.25
Stenographer	85.00		85.00
Stocktaking	54.55		54.55
Superintendent's house Repairs & painting	87.75	32.05	119.80
Improvements to heating system.		157.25	157.25
Stores hauling & handling		4.54	4.54
Sundry painting	45.60		45.60
Triumphal Arch (31st Battn)	84.30		84.30
Telephone repairs		11.87	11.87
Repairs made by Electric Light Dept.	40.18	16.83	57.01
Christmas Tree for "Vets"	13.21		13.21
	<u>2,415.81</u>	<u>405.59</u>	<u>2,821.40</u>

22. SALARIES.

Superintendent	2,100.00		2,100.00
Foreman	1,560.00		1,560.00
Bookkeeper	1,420.00		1,420.00
	<u>5,080.00</u>		<u>5,080.00</u>

23. STATIONERY.

General.	157.25	157.25
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24. PRINTING.

Cemetery	55.75	55.75
Golf	121.20	121.20
Playgrounds	14.00	14.00
General	186.25	186.25
	<u>377.20</u>	<u>377.20</u>

25. STAMPS.

Stamps	82.62	82.62
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26. TRANSPORTATION.

Cycle repairs	25.15	25.15
Car tickets	24.00	24.00
Stores hauling & handling	.75	.75
	<u>49.90</u>	<u>49.90</u>

27. STABLES.

Depreciation on Horses		113.50	113.50
Hauling from stables	41.33		41.33
Holidays & sick leave	188.57		188.57
Horse feed		2,114.71	2,114.71
Stable work	46.64		46.64
" tools, harness etc.		53.30	53.30
Shoeing	41.77	125.93	167.70
Stores hauling & handling		2.81	2.81
Vet Services-		16.00	16.00
	<u>318.57</u>	<u>2,426.25</u>	<u>2,744.62</u>

28. TOOLS & PLANT & EQUIPMENT.

New Tools	3.35	101.79	105.14
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29. MISC TOOLS & EQUIPMENT.

Farm implements	38.96	14.62	55.58
Hand Mowers	86.03	255.39	341.42
Horse & Motor Mowers	56.20	30.27-	86.47
Holidays	53.92		53.92
Light (workshop)		7.50	7.50
New workshop, tool shed & Yards.	230.96	53.17	284.13
General mtee & repairs	886.46	351.33	1,237.79
Stores hauling & handling		30.40	30.40
Hire of equipment from S. C. Dept.		30.00	30.00
	<u>1,352.53</u>	<u>772.68</u>	<u>2,125.21</u>

30. AUTO MAINTENANCE? (cars No. 45 & 49)

<u>Stores charges.</u>		368.12	368.12
Gasoline & oil.		20.97	20.97
Repair parts	20.97	46.26	46.26
Stores hauling & handling			
<u>Garage charges.</u>	93.48		93.48
Labor		439.91	439.91
Material		97.07	97.07
Overhead		32.93	32.93
Licences		7.90	7.90
Insurance			
Parks Department Labor	44.24		44.24
Depreciation		151.06	151.06
	137.72	1,165.32	1,301.34

31. WATER.

Central Park		50.00	50.00
Newata "		30.00	30.00
Riley "		50.00	50.00
St George's Island		30.00	30.00
		<u>160.00</u>	<u>160.00</u>
Golf Course		29.52	29.52
Boulevards		55.00	55.00
Cemetery		25.00	25.00
Nurseries		35.56	35.56
Greenhouses		60.13	60.13
City Hall Garden		10.00	10.00
Tompkins "		12.00	10.00
		<u>335.21</u>	<u>335.21</u>

32. MANURE.

hauling (street rly)		18.00	18.00
Preparing	1,222.14		1,222.14
Sales		65.56	65.56
	1,305.70		1,305.70

33. HOSPITAL FARM.

Cultivating & weeding	525.15		525.15
Caretaking	28.80		28.80
Fence repairs	23.40		23.40
Greenfeed	10.83		10.83
Holidays & sick leave	245.68		245.68
Misc. Crops, growing, harvesting & delivering	1,037.80		1,037.80
Implements		12.75	12.75
Mamring	561.25		561.25
Manure pile	163.58		163.58
Miscellaneous	122.29		122.29
Potatoes, sorting etc.	146.04		146.04
" sales	37.87		37.87
" planting	271.94		271.94
" cultivating	149.40		149.40
" harvesting	533.65	12.50	546.15
Ploughing	164.95		164.95

33. HOSPITAL FARM. (continued)

Refuse	207.85		207.85
Roadways	106.50		106.50
Rolling & harrowing	90.90		90.90
Supervision	455.75		455.75
Seeds		33.45	33.45
Stores hauling & handling		3.93	3.93
Watering	180.12		180.12
Water service (new)	11.61	72.00	83.61
	<u>5,080.36</u>	<u>134.63</u>	<u>5,214.99</u>

34. WEEDCUTTING.

Cutting weeds on public & private property.	811.10		811.10
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35. HOSPITAL.

New shrubbery borders, planting & general mtce.	421.53		421.53
Improvements & grading to grounds.	1,001.20		1,001.20
Hospital garden	43.20		43.20
Supervision	249.60		249.60
Floral decorations	13.13		13.13
	<u>1,728.66</u>		<u>1,728.66</u>

TOTAL EXPENDITURE. 67,108.25 15,757.41 82,865.66

SUMMARY OF EXPENDITURES BY LOCATION.

1. Central Park	3,290.79	19. Greenhouses	3,921.47
2. Newata "	3,874.65	20. Trees for Sale	845.77
3. Riley "	4,207.08	21. Sundries	2,822.40
4. Hillhurst	1,238.94	22. Salaries	5,080.00
5. St. George's Island	4,880.83	23. Stationery	157.23
6. Tuxedo Park	207.95	24. Printing	377.20
7. Victoria "	398.27	25. Stamps	82.62
8. Golf Course	4,036.09	26. Transportation	49.90
9. City Hall	368.03	27. Stables	2,744.62
10. Tompkins Gardens	299.77	28. Tools, plant & equipment.	105.14
11. R.N.W.M.P. Mem.	65.80	29. Misc Tools & equipment.	2,125.21
12. Playgrounds.	2,499.99	30. Auto mtce.	1,301.54
13. Rinks	2,096.50	31. Water.	385.21
14. Athletics	100.88	32. Manure.	1,305.70
15. Bands	547.00	33. Hospital farm	5,214.99
16. Boulevards	8,237.19	34. Weedcutting	811.10
17. Cemetery	14,487.50	35. Hospital grounds	1,728.66
18.			
18. Nurseries	2,970.14		

GROSS EXPENDITURE 82,865.66

.66

DEBITS OF CREDITS MADE TO APPROPRIATION.

Stables	Greenfeed	Farm	1,774.05
Stores	Material taken into stock.		40.84
General Hospital	Ground improvements	Farm	1,155.50
Health Department	Auto hire	Auto	28.80
Sewer	Horse hire	Central Park	6.50
"	Heating workshop	Wagon tools	7.31
"	Horse hire	Sundries	51.60
Fire	Plants etc.	Nursery	24.40
Public Works	Boulevard construction	Boulevards	4.00
"	Stenographer	Salaries	48.50
Street Pkwy	Stenographer		
"	Stenographer	St. George's Isle	50.01
"	Building materials	Wiley	120.00
Reception committee	Decorations for H.F.R.		
	Prince of Wales	Wagon tools	25.62
Paving Department	Tools	St. George's Isle	3.24
Treasurers			
(cash credits)	Hire of Implements	Wagon Tools	68.25
"	Perpetual care of		
	Grave lots	Cemetery	45.27
"	Equipment	Playgrounds	81.72
"	Merry-go-round	St. George's Isle	204.48
"		Sundries	103.08
"	Boulevard construction	Boulevards	52.28
"	Trees etc.	Trees for sale	127.99
"	Gate receipts	Athletics	531.14
		TOTAL	<u>4,269.85</u>
		Gross Expenditure	82,345.04
		Credits made to Appropriation	<u>4,000.00</u>
		Expenditure less Credits	<u>78,345.04</u>

TREES AND SHRUBS PLANTED 1919 FROM NURSERY.

Trees:-	Kind.	Central Park.	Cemet'y	Blvds.	Newark Park.	Tuxedo Park	Tompkins Gardens	Child Shelter	R.W.M.M. Memorial	Mt. Royal Intersec.	Hospital Farm.	Garden Crescent	Total Planted	Sold.
	Populus eertinensis		8	29	10	75		10	7		26	21	186	23
	" Robstii		1					10	5				6	6
	" acuminata			20	65			10	5				100	
	" Narrow leafed										24		24	
	Birch			40									40	1
	Balm of Gilead		5			51							56	48
	Dakots Balms		12	61	8	24		5	5		6		121	14
	Manitoba Maple					37					7		44	
	Cottonwood										6		6	
	Ash					4					6		10	
	Spruce		85	12									97	
	Assorted Trees		158										158	
	TOTAL.		269	162	83	191		25	25		75	21	848	92

Shrubs:														
Caragena		39	28			15			8	20	50		160	1522
Cornus aurea	2												2	
Dogwood	2									4			6	40
Cotoneaster	2												2	
Macrophylla	2												2	86
Elder (European)	2												2	
Caragena pygmaea	4												4	86
Lilac Villosa	2	2											4	3
" Common			30										30	20
Tartarian Honeysuckle	3		20					4			60	43	130	27
Salix Veminalis	3	30	10										43	
Golden Willow	3	166	20	21		40		5	5	30	126	42	457	
Native "			51	35		40	20	5	16	25	146	46	384	10

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Trees and Shrubs Continued:-

Kind	Cent Park	Gen.	Blvds	Mewata Park	Tuxedo Park	Tompkins Gardens	Childrens Shelter	R.N.W.M.P Memorial	Mt. Royal Intersections	Hospital Farm	Garden Crescent	Total Planted	Sold.
Red Willow		6	20	90	40	10			25	116	50	357	6
Wolf "		30	35	15	40		5	11	35	110	40	321	6
French "		82			15				15	87	45	244	
Spirea Van Houttei			40		15				36	105	20	216	41
Regels Honeysuckle											10	10	
Artemis is			50									50	
Flowering Currant			50									50	
TOTAL.	23	355	354	160	205	30	15	44	190	300	296	2472	1887

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PERENNIALS PLANTED AND SOLD FROM CIVIC NURSERIES 1919.

Kind.	Cent. Park	City Hill	Tomp. Gird.	Gard Cresc.	Mt. Royal Inter	RNWEP.	MEM.	St. Geo Island	Farm	Total Planted	Sold.
Achillea	12									12	3
Artemisia									5	5	
Anemone Dropmore Var.	12									12	4
Aconitum napellus	3									3	1
Antennaria tinctoria	12									12	24
Aquilegia (in variety)	10		84	25	50	12		450	770	1409	106
Aster alpina									310	310	13
Campanula persic grand	24		45		35	12		50	82	248	91
" carpatia			12						200	212	
Canterbury Bells	18							500		512	29
Chrysanthemum, May Queen									50	50	8
" King Edward VII.									9	9	
" Mrs C. L. Bell.								300		300	56
Chinese Larkspur									400	400	3
Clematis											11
Coreopsis	12									12	
Chelone barbata	100									100	
Cerastium								300		300	
Delphinium (in variety)	24		39	25	50	8		40	91	277	77
Dicentra spectabilis	6									6	3
Echinacea purpurea	6									6	
Echinops ritro	6									6	
Erigeron speciosus	6								10	16	85
" intermedium	6									6	
Eryngium planum	12									12	
Erysimum pulchellum	700									700	
Golden Glow				10						10	17
Geranium sanguinum	8									8	
Gaillardia	12									12	6
Gypsophila paniculata	12		60	25				25	225	347	57
Helenium hoopsii	12									12	5
" Riverton Gem	2									2	
" Beauty	2									2	
" grandi striatum	2									2	

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PERENNIALS. CONTINUED.

Kind.	Central Park	City Hall	Tompkins Gardens	Garden Crescent	Mt. Royal Intersec.	R.N.M.P. Memorial	St. Geo (s) Island	Farm	Total Planted	Sold
Hemerocallis (in variety)	16								16	3
Helioopsis pitcheri ana			5						5	
" scabra zinniflora								29	29	
Hops										12
Helianthus multicolorus										24
" rigidus	12								12	
Iris (in variety)	42								48	17
Ichnis chalcidica	13		30	21	20		25	50	159	117
" hedgeana	12	30							42	
" coronaria	24						300		324	
" viscaria	12								12	
Lythrum roseum	24								24	
Malva moschata	24		5						29	3
Matricaria inodora	12								12	
Monarda didyma	50								50	
Papaver orientale	24				25		210	600	859	26
Iceland Poppy								50	50	27
Papaver pilosum	24							350	374	
Pyrethrum, single	12	24		25				10	71	64
Polemonium coeruleum	6								6	1
Potentilla	6								6	
Peony (in variety)	12								12	1
Pinks, single	132								132	
Pansy							100		100	93
Silene orientalis.								200	200	1
Sweet William			84			109	300	90	574	11
" Rocket	12			25				50	87	56
Solidago aspera	6								6	
" vigeana precox	6								6	
Verbascum phoenicum	12				25			50	87	8
Veronica spicata	12	10							22	6
" subsessilis	12	10							22	
TOTAL.	1511	74	364	156	205	132	2600	3631	6673	1073

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TREES AND SHRUBS BOUGHT 1919, AND HERE PLANTED.

Trees:-

Kind.	Planted		Cemetery	Nursery	Sold.
	Amt. Bought.	Elvds.			
Populus Wo'stii	229	134			95
Cottonwoods	800	266	2	355	173
Ash	231	83	3	69	76
Chokecherry	56		8	47	1
Manitoba Maple	222	70	2	111	39
Balsms	950	655			335
Elm	160			160	
TOTAL	2694	1208	15	742	729

Shrubs:-

Lilac villosa	110			110	
Caragana					
arborescens	132			47	55
" frutescens	60			60	
TOTAL.	272			217	55

✓ STOCK TRANSPLANTED IN NURSERY.

TREES.

Birch	450
Balm of Gilead	100
Cottonwood	80
Dakota Balm	2,638
Manitoba Maple	1,450
Populus perowskiana	13
" angustifolia	84
" Wobbstii	1,450
" certinensis	2,326

SHRUBS.

Caragana	2,360
French Willow	100
Native "	650
Golden "	390
Salix britzensis	48
" viminalis	308
Tree Cuttings planted.	19,390