

**ANNUAL REPORT**  
**OF THE**  
**DEPARTMENT OF PARKS**  
**OF THE**  
**BOROUGH OF THE BRONX**  
**CITY OF NEW YORK**  
**FOR THE YEAR 1919**

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**BOROUGH OF THE BRONX**  
**CITY OF NEW YORK**

**FOR THE YEAR 1919**

JOSEPH P. HENNESSY, Commissioner  
HENRY GEIGER, Secretary  
WILLIAM T. WAGER, Superintendent  
JOHN H. BERGEN, Chief Clerk

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**DEPARTMENT OF PARKS  
BOROUGH OF THE BRONX**

November 12, 1920.

Hon. JOHN F. HYLAN,  
Mayor, City of New York,  
City Hall, New York City.

Sir—I have the honor to submit herewith Annual Report of this department for 1919.

JOSEPH P. HENNESSY,  
*Commissioner of Parks Borough of The Bronx.*

## **ANNUAL REPORT—1919.**

The activity of the Department of Parks, Borough of The Bronx, for the year 1919, was reflected in a marked improvement in the appearance of the parks.

The success achieved was due largely to the determination to improve conditions and keep pace with the growing demands of a constantly increasing population and more intensive use. This determination was simplified to an appreciable extent by establishing a good *esprit de corps* in the department.

The force, from Superintendent down, responded willingly and took as much pleasure in what was being done in the line of progress as the public itself.

The new creation that took the popular fancy most was the Victory Garden in Crotona Park, located between the Borough Hall on the west, and the Bergen Building on the east. This development referred to in our 1918 Report is noted further under its proper head in this report.

### **PELHAM BAY NAVAL STATION.**

After the signing of the armistice the work of demobilizing was started and in a few months the Naval Cantonment, which during the war was the scene of constant activity of thousands of sailors, presented the appearance of a deserted village.

After the removal of the buildings, the Navy Department will be under obligation to restore the park land as nearly as possible to its original state, in consequence of changes that were made for construction of buildings, involving removal of many trees.

### **LARGER PARK AREA THAN ALL THE OTHER BOROUGHES.**

The park department area of The Bronx consists of over four thousand acres, which include the Botanical and Zoological Gardens in Bronx Park.

The Park Department maintains the roads in Bronx Park; also the sidewalks around the Zoological Gardens.

The relations between the Park Department and the Botanical Society and the Zoological Society have been of a most cordial character, resulting in a co-operation that has been noticeable in many respects.

### **SOURCES OF REVENUE.**

The new sources of revenue established in 1918, viz: an increased golf fee, charges for bathing lockers and tennis permits, were continued, and together with the usual sources of revenue produced the total sum of \$91,027.61, as against \$79,980.58 in 1918.

### SCHOOL GARDENS.

Permits were issued for use of a portion of Crotona, St. Mary's and Bronx Parks for school gardens.

The one in Crotona Park was attended to by the pupils of Public School No. 55; the one in St. Mary's Park by the pupils of Public School No. 27. The one in Bronx Park was under direction of School Principal Angelo Patri, of Public School No. 45, and a nominal fee was charged, the work being principally done by adults (Italians), who resided nearby. The amount was \$111.00.

### PLAYGROUNDS.

The department maintained and improved ten playgrounds, on five of which it employed temporary attendants to direct the children and guard their safety. In the remaining ones, owing to lack of appropriation, laborers were assigned to the work.

From the viewpoint of play development this is mistaken economy. A competent playleader is invaluable in getting proper results. This has been demonstrated conspicuously by one of the attendants, a playleader who exercised wonderful influence over the children and made many friends among their parents.

Our playground attendants are only temporary employees and best results cannot be obtained.

This department should have a recreation bureau and such appropriation as would provide for a competent supervising playleader, preferably a woman, and a permanent assistant.

In the winter they could render valuable service on the large Van Cortlandt lake and the smaller lake in Crotona Park, and in other respects.

Our playgrounds average about one acre in area, contain baby swings, large swings, shoot-the-chutes, see-saws, sand boxes and basketball courts and are located as follows: Two each in Crotona Park and St. Mary's Park, and one each in McComb's Dam Park, Claremont Park, Pelham Bay Park, Franz Sigel Park, at foot of Willis Avenue and at Hoe Avenue and Tiffany Street.

### ATHLETIC FIELDS.

The quarter mile track at McComb's Dam Park was kept up to form, and was the most popular track within the City limits.

A new American 15-mile record was established under the auspices of the Walkers Club of America, by *William Plant, of the Morningside Athletic Club*. He displaced the previous record of 2 hours, 7 minutes 17  $\frac{3}{5}$  seconds made by the New York Athletic Club representative in 1917. The time was 2 hours, 6 minutes, 13  $\frac{1}{5}$  seconds. He also scored on the 2-hour record in the same race.

This is the fastest municipal track in America, a fact which speaks eloquently for the care employed in its upkeep.

Lockers in the nearby comfort station, providing for dressing facilities were kept in order, and the field within the track was regulated and kept in shape for jumping, weight throwing and football.

The electric illumination of this track makes it available for use of athletes employed during the day. A permanent stand, seating 400, was erected near the finish of the straightaway during the early summer without special appropriation.

The athletic field and track in Crotona Park are under supervision of the Board of Education which spent, some ten years ago, \$40,000 on a permanent grandstand, with accessories, such as showers and dressing rooms.

### **A NEW FEATURE.**

The track and field in Pelham Bay Park are used by athletic clubs, school societies and the general public, including the public of Westchester County.

The big playground at Pelham Bay Park has come into use more and more. It is one of the big national playgrounds of America. A notable event there during 1919 was a five-day outing given by the Third Avenue Railway System to its employees and their families. The incidental expense was borne by the Railway Company. The children, as well as the parents, were given free bathing tickets and refreshments. Aside from the social welfare feature, the event emphasized the valuable acquisition this playground is to the park system, not merely to The Bronx, but to the Greater City.

There is a growing demand for more athletic fields in consequence of increased population, not only in The Bronx, but in Manhattan, causing this department to recommend last year that a part of the abandoned Jerome Park Reservoir site be assigned as an athletic field.

### **BATHING BEACHES.**

The frame bathing houses in Pelham Bay Park, erected about 13 years ago, are in constant need of repair, and during the winter and spring were overhauled and put in as good shape as possible.

There are 1,015 lockers and 200 dressing booths for men and women at the Athletic Field Beach, and 1,548 lockers and 126 dressing booths for men and women at Orchard Beach. Showers are installed at both beaches.

The records show a total attendance at the baths at Orchard Beach of 38,812, with a maximum daily attendance of 2,854; and a total attendance at the baths at Athletic Beach of 91,004, with a maximum daily attendance of 4,948.

The facilities for bathing have been better appreciated since the innovation of a ten-cent charge for use of lockers.

Inclement weather in 1919 affected bathing, but the receipts showed \$12,981.60 for bathing at our park beaches.

This *does not represent* the total number of bathers, as no charge was made to dependents or inmates of such institutions as received free service.

### GOLF.

The fixing of the golf fee at \$5 per year instead of \$1, and the re-adjustment of camp site rental from \$10 to \$20 and \$25 for the season, as well as other incidental charges, added substantially to the revenue of the department.

The golf links attracted more players than in any prior year, as shown by the increased revenue. The total revenue for 1919 amounted to \$37,629.00, and for 1918 to \$30,408.50.

### FAMILY TENTING.

Our family camp site at Orchard Beach, Pelham Bay Park, is attracting much attention. The number of people in camp was larger than in any year preceding, numbering about 2,000 persons, who lived there during the summer. The revenue was \$6,200 as against \$4,670 of the previous year, representing no increased charge for the year, but additional families under canvas. The department received in addition, \$2,630.00, as against \$1,330.00 in 1918 for permitting camp floors to remain.

The Department of Health complimented this department on the sanitary manner in which this camp was maintained.

### TENNIS.

The department now maintains 85 tennis courts in the various parks, distributed as follows:

Park.	Number.
St. Mary's .....	7
Franz Sigel .....	2
Claremont .....	4
Crotona .....	30
Bronx .....	4
St. James .....	11
Pelham .....	6
Van Cortlandt .....	7
McComb's Dam .....	14

The revenue from tennis amounted to \$1,505.00.

It was found that tennis courts were being monopolized by certain groups and to prevent this, a season ticket was issued for the entire season on payment of \$1.00. This card was punched on day played, so that it could be easily seen that the holder had played that day, and those who had not played elsewhere got the preference. This scheme has given more general use of tennis courts and provided revenue in addition.



### **PARKING PERMITS AT PELHAM BAY PARK.**

A charge of \$5 was fixed for permits for privilege of parking hacks at entrance to the Naval Cantonment. From this source \$125.00 was received.

### **MOTION PICTURE PERMITS.**

From this source \$156.00 was received.

### **VANDALISM.**

The subject of vandalism in the form of destruction of park property, such as smashing of fences and littering of parks with papers and rubbish, necessarily obtrudes itself in every report of park activities. Buildings are looted or defaced, benches removed and wantonly thrown about the lawns, playground apparatus smashed or stolen, trees and shrubs barked and mutilated, and it costs \$100 a day to remove the litter from the parks in The Bronx.

Notwithstanding its limited resources and inadequate police protection, this department has made substantial advance towards better conduct in the parks, and incidentally better protection of public property.

### **VOLUNTARY INSPECTORS.**

A voluntary or honorary corps of inspectors, comprising a small number of men and women willing to aid in the preservation of park property and the suppression of disorderly conduct leading to such destruction was established by the department.

The first inspector so appointed and the most active, is the Reverend William R. Blackie, Pastor of the Woodlawn Methodist Episcopal Church. In his first report Dr. Blackie stated that on Columbus Day while in Van Cortlandt Park he detected two young men with rifles shooting song birds; that he attempted to arrest them and seized the rifle of one who resisted, whereupon the other shot at him, the ball striking his belt and penetrating the fleshy part of the hip. They then fled in opposite directions, leaving a rifle and hat in his possession. Fortunately, he suffered no serious injury.

In another report from Dr. Blackie, dated November 5, he stated that during frequent patrols of Van Cortlandt Park he had occasion to order from the park on two occasions men with guns. These men had no birds or game in their possession, so were conducted to the highway. He also prevented what was undoubtedly a premeditated holdup of a man and his wife.

Dr. Blackie also recommended the placing of signs at Jerome Avenue and 233d Street, as he found that persons coming into that undeveloped section of Van Cortlandt Park didn't know that it was a City park, and lighted fires there. This matter was attended to promptly.

He further reported that the work for November had been mainly of

putting out fires started by young men and boys, which endangered the nurseries of young pines, and the pulling up of same by wanton destroyers of park property, who are mostly women with their children.

Other members of the honorary corps of inspectors who were appointed, and each of whom rendered valuable service to the department both by active co-operation and by making remedial suggestions, were the following:

Mr. Paul Lorch,  
Mrs. J. Bodine Wright,  
Mrs. Walter L. Cree,  
Miss Winifred I. O'Rourke,  
Mr. James F. Keelon.

Their assistance was greatly appreciated in view of the fact that it is most discouraging to make any park improvement, as a rule, because destruction follows closely in the wake of construction, and a large part of this destruction comes from those who are being educated at very great expense by the City. The result of their "education" is not shown in their conduct in the parks, or in the streets for that matter.

In one of her reports, Miss O'Rourke gave the names and addresses of boys whom she found climbing trees, breaking branches, trampling lawns and flower beds and tearing the shrubbery. As the result of her letter, I caused the police inspector of that district to assign a lieutenant to visit the parents of the boys in question, and instruct them as to the wrongfulness of destroying public property.

These citizens gave their time freely and generously, indicating the necessity of a proper protective force. After the usual working hours there is no park force employed whatever, except an occasional watchman, who cannot cope with the general situation.

### WORKSHOP ACTIVITIES.

The department's workshop and storerooms, located in Bronx Park, are used to their fullest capacity.

In the carpenters' shop, which is fitted with electrically operated saws, planers, moulding and shaping machines, lathes, etc., material was worked into new equipment or for repairing old equipment.

The scope of work included making seed boxes, cold frames, hot bed sash, etc., for greenhouses; turnstiles, ticket booths, lockers, doors, seats, platforms and steps for bathhouses; lockers and runways at skate house, Van Cortlandt Park; floats and life buoys for the bathing beaches, forms for concrete work, new equipment and repairs to old equipment, such as swings, shoot-the-chutes, horizontal and inclined ladders, see-saws, sand boxes, etc.; grandstand at McComb's Dam track; new park benches and repairs to old ones, reviewing stands and temporary band stands, repairs

to tool houses, etc., the material for which was turned out in such shape that it could be assembled with a minimum of labor.

Signs, street barriers, fence posts and rails and various cabinet jobs were made in the carpenters' shop also. The carpenters also made repairs to buildings, bandstands, roofs, sheds and stables, erected fences, reviewing stands, repaired and replanked bridges, hung awnings and storm windows, etc.

A growing problem is the constant call for outdoor stands. The department has several that can be assembled very readily in units, but their cartage, erection and return are getting to be a most embarrassing burden. No outdoor assemblage of any kind, practically speaking, is held without a demand to furnish a stand. This function is constantly increasing. No special allowance is made for this in the budget. In the tinsmith, sheet metal, paint, blacksmith and wheelwright's shops the usual activities were carried on in connection with our buildings, besides other equipment work.

### INCIDENTAL WORK.

Repaired concrete floors in garage, and blacksmith's shops, Bronx, and in eight stalls in Bronx Stables.

Repaired concrete walks at Stables, at Tremont Avenue, Crotona Park and Orchard Beach.

Repaired retaining walls at Bathhouses, Athletic Field Beach.

Repaired walls at Skate House, Van Cortlandt Park; at Mansion on Hunter Island; at comfort station in McComb's Dam Park; at greenhouses, Bronx Park.

Rebuilt chimney at house, Golf Links, Pelham; manholes in Crotona; chimney and walls, Old Town Hall, Pelham Bay Park.

Built basins for drinking fountains at 133d Street and Southern Boulevard, at Van Cortlandt Park; manholes at Crotona Park, at Athletic Field, Pelham Bay Park, at Greenhouses in Bronx Park; on Mosholu Parkway; at stables.

Laid concrete walk and built concrete wall at 242d Street and Broadway, Van Cortlandt Park.

Built piers under pavilions in Crotona Park.

Steps were built and repaired where necessary and repairs made at water or sewer connections.

### STABLES.

At the stables and garage in Bronx Park, all department horses and vehicles were cared for as well as motor trucks and tractors. The general automobile service employed by the Commissioner, Superintendent, Chief Engineer, Assistant Superintendents, Head Gardener and Tree Foremen remained under the control of the Central Garage.

It is respectfully submitted that a department such as this, with such vast territory to cover, would have more economical, prompt and efficient service if the cars, necessarily used for passenger service, were under its own control.

### **CORPORATE STOCK AND TAX NOTE APPROPRIATIONS.**

Funds were authorized by the Board of Estimate and Apportionment on July 18, 1919, for the following projects:

Botanical Garden, Bronx Park—Construction of driveway, eastern portion .....	\$5,000.00
Repaving Van Cortlandt Avenue from southern boundary to Van Cortlandt Station .....	11,750.00
Plans for construction of a Comfort Station at Orchard Beach, Pelham Bay Park.....	240.00
Plans for construction of concrete bathhouses at Athletic Field, Pelham Bay Park .....	400.00
Construction of Irrigating System at Golf Links, Pelham Bay Park .....	5,000.00
Extension of bathing beach at Athletic Field, Pelham Bay Park .....	5,500.00
Repaving from N. Y., N. H. & H. R. R. to Eastern Boulevard, Bronx and Pelham Parkway.....	75,225.00
Bronx and Pelham Parkway—Repaving connection between new pavements on center roadway.....	6,000.00
Franz Sigel Park—Constructing sidewalks, etc., Mott Avenue and 153d Street .....	6,000.00
Small Park, Whitlock Avenue and 153d Street—Planting, sodding and construction of walks.....	2,950.00
Zoological Garden, Bronx Park—Construction and guard rails and restoration and replanting of west bank.....	5,000.00
Repaving Eastern Boulevard from Bridge over Eastchester Bay to north of Split Rock Road.....	59,000.00
Repaving Eastern Boulevard from Bronx and Pelham Parkway to bridge over Eastchester Bay.....	50,000.00
Repaving Boston Road from East 182d Street to Bronx Park East .....	70,000.00

Working plans, details, specifications and contracts are being prepared so that actual work may be started early in 1920.



CROTONA PARK EXTENSION (LOOKING TO THE WEST).

## **ROAD REPAIRS.**

Boston Road, running through Zoological Park from East 182d Street to Bronx Park East, re-surfaced in 1918, was repaired and covered with road oil and grits.

The paving of new road in easterly part of Botanical Garden was started and prosecuted until prevented by winter.

All roads in Bronx Park were covered with road oil and grits.

## **MAINTENANCE AND DEVELOPMENT.**

### **Crotona Park.**

Crotona Park, having an area of 154.6 acres, is in the heart of The Bronx. It contains several well wooded sections in which are groves of fine old trees. Other features are an artificial lake, with an area of 3.25 acres, for boating in summer and skating in winter; a fully equipped athletic field operated in conjunction with the Department of Education; two baseball diamonds, thirty tennis courts and two playgrounds. The Bronx Borough Municipal Building is located in its northwest portion.

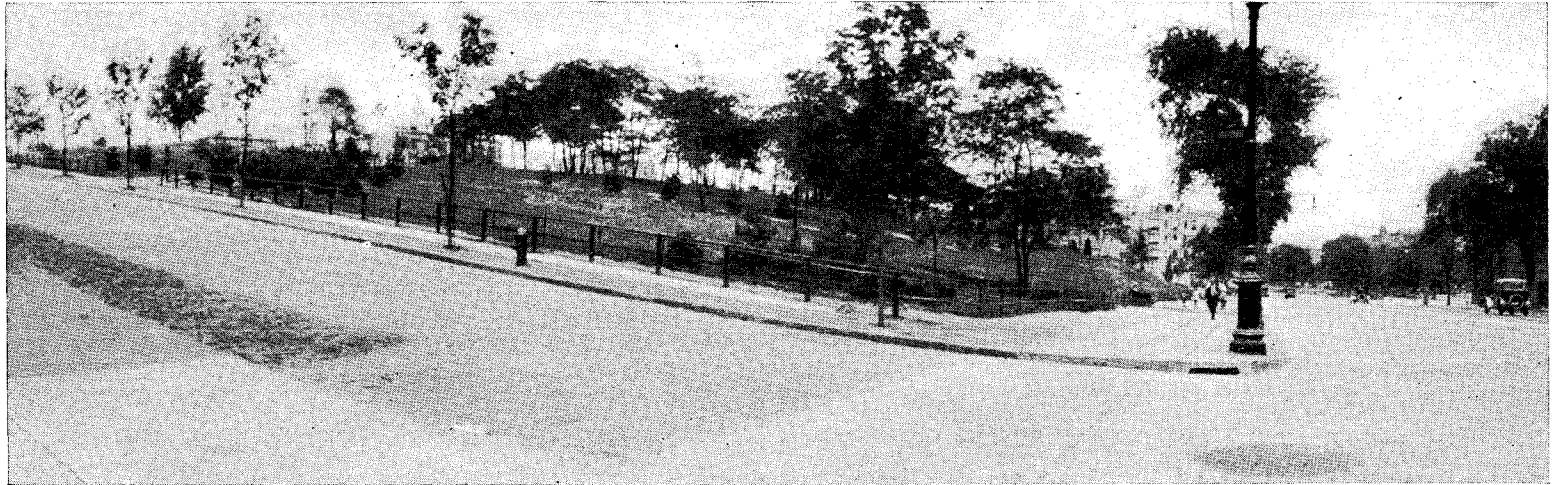
### **Crotona Park Extension.**

The easterly extension of Crotona Park bounded by Crotona Park North, East 175th Street, Southern Boulevard and Crotona Park East, acquired many years ago, remained without any improvement until 1919. This plot was very steep and rugged; the rains washed out its unprotected slopes and the soil and gravel found their way onto the sidewalk and into the sewer on Southern Boulevard, which became clogged, with the result that neighboring apartment house cellars were flooded and the sidewalks were wet for days after a rainstorm.

Surveys of this plot were made and a system of walks, steps, drainage, terraces and planting was evolved. Work of improvement was well advanced.

### **Victory Garden.**

The section of Crotona Park extending from the Municipal Building to Arthur Avenue, and from Tremont Avenue to East 175th Street, formerly used as a baseball field, which, during the past ten years was filled in and regraded at various times, presented a barren waste during most of the year. During the summer irregular ball playing was indulged in, which became a nuisance and a menace to the neighboring thoroughfares and Municipal offices in Borough Hall. As a regular ball ground this had long since ceased to be a factor. Surveys were made and plans prepared for construction of a formal garden, and resulted in the plot now known as Victory Garden, one of the show places of the City. There are approximately 30,000 flowering plants set out in well studied design and backed by evergreens and deciduous trees and shrubs.



CROTONA PARK EXTENSION (SOUTHERLY END).

This work was accomplished without special appropriation, and the rapidity of construction was the wonder of local engineers. Two thousand yards of fine loam were obtained and used in this garden without any cost except cartage.

### **Lighting.**

The main walk in the southern portion of Crotona Park, extending from Franklin Avenue in practically a diagonal line to Claremont Parkway, was lighted by the Department of Water Supply, Gas and Electricity at the instance of this department.

Hosts of people frequent this walk and the lighting tended to keep out disorderly characters.

Fifteen electric lamps also were introduced in the Victory Garden to light up this area of five acres which formerly was unlighted.

### **Claremont Park.**

Claremont Park, with an area of 38 acres, contains the Zbrowski Mansion, which is used as administration building of the Park Department in The Bronx. This park is provided with four tennis courts and a well-equipped playground. It is in a very congested section.

About one-half of this park slopes northerly to the centre, and in winter its wide expanse of about six hundred feet affords a splendid sledding surface for young and old; in summer this large grass-covered plot is unrestricted to those who wish to enjoy its high elevation and pure atmosphere.

The old stable building near the mansion in this park is used as a branch of the Municipal Garage system.

### **Devoe Park.**

Devoe Park, having an area of 5.87 acres, is in the University Heights section.

Flower beds were planted with approximately 2,500 plants and usual maintenance was preserved.

This park is surrounded by handsome residences and is one of the most beautiful small parks in the City of New York.

### **Joseph Rodman Drake Park.**

This park has an area of 2.88 acres, located at Eastern Boulevard, Hunt's Point and Longfellow Avenue, in a remote, undeveloped part of eastern section of The Bronx. It contains a small cemetery, with the graves of the poet, Joseph Rodman Drake, and many of the Hunt family, for whom the Hunt's Point section of The Bronx was named. Gravestones bear dates running back a century and a half.





VICTORY GARDEN, CROTONA PARK.

### **Echo Park.**

Echo Park, located on a hillside west of Webster Avenue and north of 177th Street, contains four acres, is a very pretty piece of landscape and a popular breathing spot for women and children. It is near a large public school and the main walk is used by hundreds of children every day during school terms.

An ornamental flower bed laid out on the eastern slope of the park, facing Webster Avenue, contains 2,000 flowering plants.

### **Fulton Park.**

Fulton Park, on west side of Fulton Avenue, between 169th and 170th Streets, directly in rear of Public School No. 2, is used largely by school children, during recess hours, and by mothers and children at all times.

### **McComb's Dam Park.**

This park, covering an area of 27 acres, located near Central Bridge, contains a regulation quarter-mile running track and athletic field already mentioned, four baseball diamonds, fourteen tennis courts, a comfort station, furnished with dressing rooms, lockers, shower baths, etc.; and fully equipped playground. The portion lying along Harlem River is nearly all under lease to rowing clubs. More than half of the area of this park is devoted to sports and recreation.

Permanent sidewalks are to be constructed on Sedgwick Avenue from Jerome Avenue to 161st Street. This work is to be done by the Department of Highways in connection with the pavement of Sedgwick Avenue.

### **Melrose Park.**

This park, located east of Melrose Station of Harlem Division of N. Y. C. R. R., has an area of 0.83 acres. Flower beds were planted and cared for, walks repaired and work of general maintenance prosecuted.

### **Pelham Bay Park.**

This is the largest of City parks, containing 1,756 acres. The natural features include lawn, meadow, woodland, salt water bays and inlets, and approximately 20 miles of shore line.

The department maintains a running track, an athletic field, a bathing beach near the athletic field, another bathing beach known as Orchard Beach near City Island, a family camp reservation at Orchard Beach, and an 18-hole golf course, west of Eastern Boulevard and north of Split Rock Road.

Funds have been authorized for the installation of a very necessary irrigating system at these links; for extension of bathing beach; for preparation of plans for concrete bathhouses at Athletic Field; and for erection of a new comfort station at the southerly portion of Orchard Beach.

Pelham Bay Park includes Hunter Island, consisting of 164½ acres, and Twin Island, consisting of 18½ acres. Both are connected by an old causeway. Hunter Island is reached from the mainland by a wooden bridge many years old. These islands constitute the northeastern end of Pelham Bay Park and are in a natural state as when acquired by the City thirty years ago. They include a large waterfront which could be utilized to much advantage. This waterfront is also a source of much concern due to shore parties whose conduct has constantly to be checked. On the shore front we have practically no protection.

#### **New Comfort Station.**

Contract work for the plumbing in the new comfort station at Athletic Field Beach was abandoned May 22, 1919. Request for additional funds was made June 6. Funds were granted November 21, and bids for completion of work were received December 30, 1919.

#### **Mosquito Elimination.**

Ditching in salt meadows was maintained with good results.

#### **Roads in Pelham Bay Park.**

Corporate Stock funds for repaving Eastern Boulevard from its junction with Bronx and Pelham Parkway to a point 500 feet north of Split Rock Road were authorized July 18, 1919.

Contract, specifications and plans for repaving Eastern Boulevard from Bronx and Pelham Parkway to bridge over Eastchester Bay were approved by the Board of Estimate and Apportionment November 28, 1919.

Split Rock Road from its intersection with Eastern Boulevard to northern boundary of park was resurfaced with stone from Jerome Park Reservoir. An estimate of cost of permanent pavement for this road was made, and also a request for corporate stock funds.

Roads at Athletic Field were coated with tar, road oil and grits.

#### **Poe Park.**

Poe Park, at Valentine Avenue, Kingsbridge Road and Concourse, has an area of 2.35 acres. It contains the cottage in which Edgar Allan Poe lived.

Music concerts were held here as in 1918. The best attendances were at these concerts, notwithstanding that this park had been considered inappropriate for concerts. It is one of the most popular small parks of the Borough.

#### **Rose Hill Park.**

Rose Hill Park, at Webster Avenue and Fordham Road, has an area of 0.72 acres, and is a very popular resort.

### **St. James Park.**

This park, at Jerome Avenue, Creston Avenue, 190th Street to 193d Street, has an area of 11.83 acres. It contains eleven tennis courts, bandstand and comfort station. This park is now flanked on the east and west by large apartment houses and is much used.

### **Franz Sigel Park.**

Franz Sigel Park, between Mott and Walton Avenues, between East 153d and 161st Streets, has an area of 17.47 acres. It contains playground, shelter and comfort station, which was repaired and general maintenance prosecuted. Corporate Stock funds have been appropriated for rock grading and construction of sidewalk at southeastern boundary along Mott Avenue at 153d Street.

### **St. Mary's Park.**

St. Mary's Park, between St. Ann's and Trinity Avenues, from St. Mary's to 149th Streets, has an area of 34.2 acres. It lies in a very congested section. It contains playground, 7 tennis courts, baseball diamond, bandstand, comfort station and school gardens. The usual repairs were made to sewer, water pipes, and basins. Wood was stored here for fuel for the comfort station and other uses.

### **St. Augustine Park.**

This park, located west of Second Field Artillery Armory, and south of St. Augustine's Church, contains 0.25 acres. Flower beds and plantations were kept up. It is much enjoyed.

### **Van Cortlandt Park.**

Van Cortlandt Park, at northwestern end of Borough, consists of 1,132.25 acres. It contains a large forest area, a lake 16½ acres in area, used in summer for boating and canoeing, and in winter for skating, curling and hockey; also two 18-hole golf courses, known as Van Cortlandt Links and Mosholu Links, 12 baseball fields, 7 tennis courts, 120 acre parade ground, 32 acre polo field, cricket field, bowling green, and cross country course six miles in length.

The park is rich in historical associations, the ground upon which the Van Cortlandt House, now known as the Colonial Mansion, stands, having been acquired by the Van Cortlandt family in 1732. This building is used as a museum of Revolutionary and Colonial relics and is under the supervision of the Colonial Dames.

The Colonial Garden, in front of Colonial Mansion, with its beautiful marble fountain bearing coats of arms of the thirteen original States, and its formal flower beds, is connected to the high level of the Mansion Grounds by a beautiful stairway of Colonial design, constructed of tapestry brick





COLONIAL FOUNTAIN, VAN CORTLANDT PARK

with white Dover marble copings. An elaborate wrought iron grill forms the entrance to the top of stairway.

The two golf courses were maintained in a condition that gave most general satisfaction.

The lake was emptied and cleaned out during the Summer.

The Shakespeare and Colonial Gardens were kept up to the usual standard of floral splendor.

The main roads were covered with road oil and grits.

A dangerous portion of roadway on Grand Avenue between Golf Links Road and Mosholu Avenue was widened and regraded.

Corporate Stock funds for reconstructing Van Cortlandt Avenue from southerly boundary of park to Van Cortlandt Station of N. Y. C. R. R., Putnam Division were appropriated and plans will soon be prepared.

Flower beds were planted and maintained in various places throughout the park.

#### **Washington Bridge Park.**

This park has an area of 8.45 acres at the Bronx approach to Washington Bridge. Several concerts were held in this park and they attracted many people from Manhattan as well as The Bronx.

#### **Old Fort Number Four Park.**

This park has an area of 6.71 acres, located on a rocky bluff on the southerly side of Reservoir avenue, facing Jerome Park Reservoir. It was part of outer defenses which General Washington established during the Revolution, to protect the American Army encamped on the Heights of Harlem. It was admirably situated for such a purpose, commanding a view for miles in all directions. The site is marked by a flagstaff and bronze tablet erected by the Daughters of the Revolution of the State of New York.

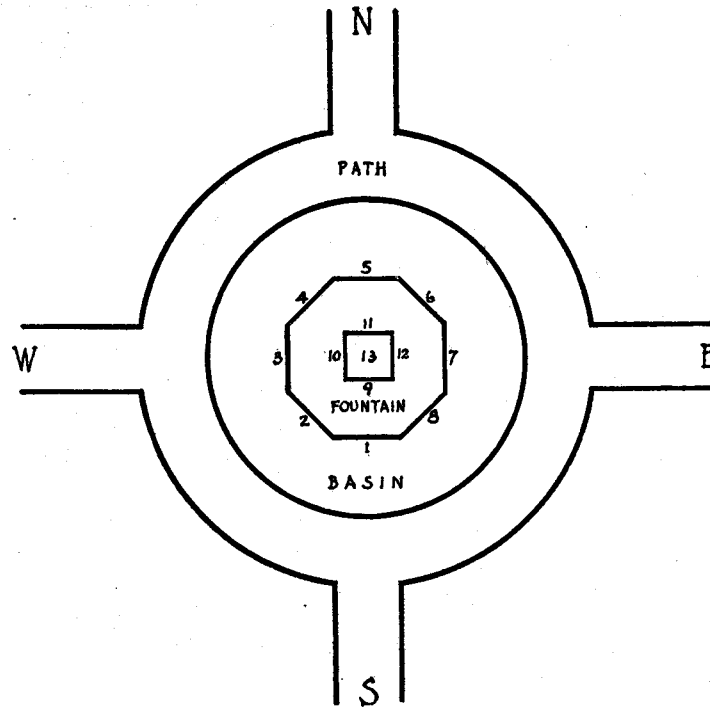
The park system of the Borough embraces the following parks:

Bronx Park .....	719.12	acres
Crotona Park .....	154.60	"
Claremont Park .....	38.00	"
Devoe Park .....	5.87	"
Drake Park, J. Rodman.....	2.80	"
Echo Park .....	2.40	"
Fulton Park .....	0.94	"
McComb's Dam Park .....	27.00	"
Melrose Park .....	0.83	"
Pelham Bay Park .....	1,756.00	"
Poe Park .....	2.33	"
Rose Hill Park .....	0.72	"
St. James' Park.....	11.83	"
Sigel Park, Franz.....	17.47	"
St. Mary's Park.....	34.20	"
St. Augustine Park.....	0.25	"
University Park .....	2.75	"
Van Cortlandt Park.....	1,132.25	"
Washington Bridge Park.....	8.45	"
Fort Independence Park.....	2.97	"
Fort No. 4 Park.....	6.71	"
Total .....	3,927.49	"

# VAN-CORTLANDT PARK FOUNTAIN

This fountain, given to the City of New York by the Colonial Dames of the State of New York, is erected as a Memorial to the Colonies, before the Revolution; each Colony being represented by its seal. The octagonal basin bears one on each of its panels, the pedestal one on each side, and the thirteenth seal is held by the Beaver above, itself the symbol of New York.

The Beaver faces south.  
The panel front on the basin below is marked No. 1. Following around to the left, the order of the Colonies, designated by their seals, is shown on the key.



## KEY TO THE ORDER OF SEALS

- |    |   |   |   |                |
|----|---|---|---|----------------|
| 1  | . | . | . | Virginia       |
| 2  | . | . | . | New Hampshire  |
| 3  | . | . | . | Massachusetts  |
| 4  | . | . | . | New Jersey     |
| 5  | . | . | . | Rhode Island   |
| 6  | . | . | . | Pennsylvania   |
| 7  | . | . | . | Connecticut    |
| 8  | . | . | . | Maryland       |
| 9  | . | . | . | Delaware       |
| 10 | . | . | . | South Carolina |
| 11 | . | . | . | Georgia        |
| 12 | . | . | . | North Carolina |
| 13 | . | . | . | New York       |

## TRIANGLES AND SQUARES.

The following plots under jurisdiction of the department located at various points throughout the Borough were maintained, and in most instances were beautified by planting of flower beds and shrubs:

	Area in Acres.
Third Avenue and 137th Street.....	0.04
Hall Place and 165th Street.....	0.38
Hunts Point Road and Faile Street.....	0.07
Hunts Point Road and Randall Avenue.....	0.12
Washington Avenue and 163d Street.....	0.26
Washington Avenue and 161st Street.....	0.26
Brook Avenue and 161st Street.....	0.36
Morris Avenue and 142d Street.....	0.06
Aqueduct Avenue and Boscobel Avenue.....	0.62
Waldo Avenue, Fieldstone Road and 242d Street.....	4.31
Boston Road and Third Avenue.....	0.06
Webster Avenue, Claremont Parkway, Clay Avenue.....	0.28
Jerome Avenue and 170th Street.....	0.50
Willis Avenue and Southern Boulevard.....	0.60
Spuyten Duyvil Parkway and Broadway.....	0.20
Fordham Road and Southern Boulevard.....	0.54
Quarry Road and 183d Street.....	0.05
Morris Avenue and 144th Street.....	0.06
Pelham, Crotona Avenue and Southern Boulevard.....	0.60
Mosholu Avenue and Broadway.....	0.06
Washington Avenue and 188th Street.....	0.15
Hunts Point Avenue, Whitlock Avenue and 163d Street.....	0.32
Third Avenue, Quarry Road and 181st Street.....	0.05
Waldo Avenue and 242d Street.....	0.31
Boston Road and 169th Street.....	0.16
Franklin Avenue and 169th Street.....	0.15
Austin Place and 149th Street.....	0.04
Shakespeare Avenue and 168th Street.....	0.06
Total .....	10.67

## BRONX AND PELHAM PARKWAY.

Corporate Stock funds were appropriated for repaving Bronx and Pelham Parkway from easterly side of bridge over N. Y., N. H. & H. R. R. tracks to junction at Eastern Boulevard. Plans, contract and specifications were approved by the Board of Estimate and Apportionment November 7, 1919, and bids were received December 30, 1919.

Corporate Stock funds were authorized for repaving connection between new pavements on main roadway from Old White Plains Road to Boston Road. Work will be done in 1920.

Flower beds, rock gardens, evergreen, deciduous and herbaceous plantations, which were installed along the borders of roadways in 1915 were maintained, improved and extended, adding greatly to attractiveness of Parkway.

The portion of main roadway of the parkway between Williamsbridge Road and bridge over N. Y., N. H. & H. R. R. was coated with tar road oil and grits.



### **MOSHOLU PARKWAY.**

Portions of roadway were repaired and the whole road system covered with tar road oil and grits.

The centre park plot at intersection of Mosholu Parkway and the Concourse was readjusted to prevent accident to automobile traffic at this point. The roadway was widened, several trees were removed and re-planted in new positions. This work seems to have solved the traffic problems as no accidents have been reported since.

Budget funds were allowed for construction of a walk from Webster Avenue to Jerome Avenue.

### **STREET TREES.**

Pruned 10,990 trees; sprayed 16,569; planted 274; removed, straightened and re-set 312 tree guards. Dead or diseased trees cut down and removed 441. Planted 75,000 evergreens from Conservation Commission in Pelham Bay Park.

### **PARK TREES.**

Pruned 120; sprayed 7,680; cut down and removed 1,300.

### **BRONX PARK GREENHOUSES.**

There were distributed and planted in the various parks 653,586 plants of various descriptions.

Through the courtesy of Dr. N. L. Britton, Director in Chief, New York Botanical Gardens, two new greenhouses recently built by the Botanical Society were by request turned over to this department for the growing season of 1919. In these houses about 15,000 plants were grown to be used in our work of bedding out. Without the use of these houses, it would have been impossible to carry out the planting of the Victory Garden proposed for 1920, nor many of the various ornamental plantations.

### **NURSERY.**

There was propagated and raised some 65,000 cuttings of deciduous shrubs, also about 15,000 evergreen shrub and tree cuttings. A number of herbaceous plants were propagated both from slips and seed, in all about 3,500 hardy plants were procured from this source.

The 25,000 young evergreens that were planted here for reforestation purposes are doing nicely except some injured by forest fires started by careless persons.

### **REFORESTATION.**

The general condition of the old trees throughout the park system is bad. There has been practically nothing done for the past seventeen years towards cleaning out of dead and diseased wood and branches. There has

been no replacement of dead trees and very few have been sprayed throughout the forests, while the attacks from insect pests are becoming more severe and doing more damage each year.

There are probably close to a million trees on our forest land, and a well-designed effort should be made to preserve them. In the past few years all chestnut and hickory trees have died from insect attacks of several kinds, and other varieties of trees are becoming infested.

The 75,000 small evergreens planted in Pelham Bay Park for reforestation purposes are doing nicely. Some have suffered from fire and several thousand have been winter killed on account of wet condition of the soil.

This is the first attempt of reforestation of any kind ever made in this department.

### **WOOD.**

About thirty cords of wood were distributed amongst the poor at various points in the borough. This fuel was used also at the greenhouse.

### **PATRIOTIC ACTIVITIES.**

The entire force without exception subscribed liberally to all the Government Loans and to other patriotic objects. This department was represented in the Victory Loan parade and various other patriotic demonstrations in The Bronx and Manhattan. It erected temporary reviewing stands for parades, Victory concerts and rallies, and assigned sites for recruiting stations and bond vending booths.

### **MUSIC.**

Fifty-nine regular department concerts were given as per schedule herewith submitted.

Music was also provided for one Victory Loan parade. The total amount expended for music was \$6,108.00. Through the public-spiritedness and musical enthusiasm of Mr. Philip Berolzheimer, eight special concerts, known as Mayor Hylan's People's Concerts, were given without other expense to this department than the cost of erection of temporary stands to accommodate musicians.

These concerts were rendered in various parks during the summer by large bands of high-class players, assisted by selected soloists; patriotic addresses were made by eminent speakers, and the concerts were attended by large and appreciative audiences.

The appropriation for music for this department is entirely inadequate. To arouse proper interest it should be at least twice as large to permit larger bands.

### **BOTANICAL GARDEN.**

Although the appropriation for the Botanical Garden in 1919 was meagre, the Director-in-Chief, Dr. N. L. Britton, and his staff of assistants,

bringing to their task the skill acquired by years of technical research and practical experience, kept the functions of the Garden up to their usual high standard, and also instituted several new features of great value.

The gifts of two public-spirited citizens and managers of the Garden, Messrs. Daniel Guggenheim and Murry Guggenheim, who each contributed \$50,000 in 1917 for the purpose of erecting the central display greenhouse and the orchid greenhouse in Range No. 2, in the northerly part of the Garden grounds, made possible the proper display of many interesting collections which were crowded in the old greenhouses and the propagating house, and provided a place for public lectures, demonstrations and exhibitions.

Requests of \$5,000 by Mrs. Mary K. Kingsland, and of \$30,000 by Mrs. Samuel W. Bridgman were announced during the year. The bequest of Mrs. Russell Sage announced in 1918 has been appraised at \$776,586.

### **INSTRUCTION OF CONVALESCENT SOLDIERS IN PRACTICAL GARDENING.**

A noteworthy innovation during 1919 was the establishment of school of instruction in practical gardening for convalescent soldiers.

The number under instruction at date of this report is 45; the total number enrolled to date is 57; 4 were transferred to other institutions; 3 were sent to hospitals; 4 left for unknown reasons, and 1 was lost by death.

### **ROADS AND PATHS.**

A special appropriation of \$5,000 for completing the unfinished driveway through the eastern part of the reservation was granted during summer and made available for expenditure late in November. Work in grading, rock excavation and paving northeast of the rose garden was immediately begun by a force of department workmen and continued until December 31. All grading was completed and all but about 200 feet of road area was paved; enough stone to complete this paving is readily available and work may be resumed within a short time. Provision is made in the appropriation for supplying and rolling in the broken stone and screening required to complete the work, also for oiling the surface.

At Conservatory Range 2, the plaza at west end of the central display greenhouse was materially enlarged to provide better turning and parking space for motor cars.

High-grade maintenance of the driveways has been continued by Department forces under provisions of the Garden's Charter.

Construction of additional portions of the path system in various parts of the grounds with collateral grading and drainage and subsequent planting was accomplished by means of contributions to the Emergency Fund, amounting to approximately \$5,000, credited to grounds improvement.

## PLANTS AND PLANTING.

New plantations of great interest were installed in the central display greenhouse.

The young forests of white pine and red pine planted recently in co-operation with the Conservation Commission of the State of New York, continue to grow satisfactorily and are of much interest to the public as demonstrating forest planting. Large collections of gladioli, cannas, rose mallows and phloxes were grown in the horticultural gardens, and a special group of plants with variegated foliage was added.

Following the re-opening of Conservatory Range 2, closed for over a year owing to coal shortage, and the opening of the new greenhouses added to that range by the gifts of Daniel and Murry Guggenheim, extensive re-arrangements were made of the plants under glass. Large collections were moved from Range 1 to Range 2; the plant collection, long crowded mostly in two greenhouse compartments, was further distributed; all the tropical ferns, orchids and most of the cycads were taken from Range 1 to Range 2, and many specimens stored in the propagating houses were made available for examination by the public in the two large ranges.

## MUSEUMS.

Various modifications were made in the arrangement of display specimens on the second floor of the museum building, for the purpose of conserving space and providing room for new specimens. The microscopic exhibits set up for use of the public in the west wing were moved to the mezzanine floor in middle of the building, readjusted and renewed.

The museum building required repairs to the roof and re-plastering of the interior walls. Much repair work was necessary such as renewing roofs and equipment generally.

## NEW YORK ZOOLOGICAL PARK.

This ever popular branch of the park system in The Bronx was maintained successfully with very limited funds.

Dr. William T. Hornaday, the Director, and his assistants have kept the standard of health higher than that of any other animal collection in this country, and have presented to the public at all times a perfectly organized, smoothly run zoological exhibit, with all the incidental features splendidly administered.

The total attendance during 1919 was 2,035,859, as against 1,770,437 in 1918.

During 1919 the following specimens were lost:

**Mammals.**

African elephant, young pigmy hippopotamus (two days old), blesbok, orang, jaguar, Tasmanian wolf, springbok, black alpaca, sitatunga, Rocky Mountain goat, three sea lions and three kangaroos.

**Birds.**

Harpy eagle, two Southern African ostriches, whistling swan, North African ostrich, four eagles, three snowy egrets, two European buzzards, white ibis, black ibis and a demoiselle crane.

To offset the above, the collections were increased by the following:

**Mammals.**

Jaguar, two polar bear cubs, two yaguarundicats, wooley monkey, four capybaras, one drill and a golden baboon.

**Birds.**

Six ostriches, jabiru, curassow, sandhill crane, three toucans and a pair of spoonbills.

Owing to the embargo upon importation of hoofed animals, and to general demoralization of the zoological collections in Europe, practically no importations have been made since before the World War.

**THE AQUARIUM.**

The engines and boilers were removed from within the Aquarium to a point on the edge of the sea wall. This arrangement will place the engines above the reach of tidewater and provide adequate space for coal storage. This improvement was financed by the Zoological Society.

The Managers raised a fund of \$17,572.00 to help make up the deficit due to increased cost of supplies and labor.

With the funds available it was only by exercise of the most rigid economy that both the Zoological Park and the Aquarium were kept in good running order and only absolutely necessary maintenance work could be prosecuted.

(Financial statements and tables of park areas and other data accompany this report.)

Respectfully submitted,

JOSEPH P. HENNESSY,

Commissioner of Parks,

Borough of The Bronx.

## DETAILED STATEMENTS OF EXPENSES

### GENERAL ADMINISTRATION.

	Totals	Comparisons with 1918	
		Increases	Decreases
Operation—			
Personal Service .....	\$39,579.13	\$8,400.57	.....
Office Supplies .....	612.91	.....	\$213.48
General Plant Supplies.....	279.17	21.37	.....
Transportation—			
Carfare .....	73.07	9.32	.....
Communication—			
Telephone Service .....	342.53	.....	30.27
General Plant Service.....	161.95	.....	56.95
Contingencies—			
Traveling Expenses .....	1.10	1.10	.....
Maintenance—			
Office Equipment:			
Replacements .....	66.98	.....	151.94
Departmental Repairs, Labor.....	28.88	.....	49.62
Departmental Repairs, Material.....	6.79	.....	8.50
Repairs, Contract or Open Order.....	70.60	27.55	.....
General Plant Equipment—			
Replacements .....	29.79	20.79	.....
Departmental Repairs, Labor.....	169.05	.....	3.20
Departmental Repairs, Material.....	57.36	6.25	.....
Repairs, Contract or Open Order.....	.....	.....	1.99
Total .....	\$41,479.31	\$8,486.95	\$515.95
Net Increase .....	.....	7,971.00	.....

### \ OPERATION AND MAINTAINANCE OF AUTOMOBILES.

	Totals	Comparisons with 1918	
		Increases	Decreases
Operation—			
Labor .....	\$5,547.00	\$1,973.62	.....
Gasoline .....	2,057.46	570.90	.....
Other Motor Vehicle Supplies.....	310.13	140.86	.....
Maintenance—			
Automobiles:			
Purchase of .....	.....	.....	\$3,696.76
Tires and Inner Tubes—			
Replacements .....	1,315.05	636.40	.....
Departmental Repairs, Materials.....	.50	.....	13.30
Repairs, Contract or Open Order.....	7.00	7.00	.....
Body and Top—			
Departmental Repairs, Labor .....	666.98	288.48	.....
Departmental Repairs, Materials.....	162.22	.....	115.86
Repairs, Contract or Open Order.....	32.00	32.00	.....
Chassis and Engine—			
Departmental Repairs, Labor .....	1,460.43	812.80	.....
Departmental Repairs, Materials.....	567.27	321.43	.....
Contract or Open Order.....	106.55	69.39	.....
Appurtenances—			
Replacements .....	136.94	136.94	.....
Departmental Repairs, Labor.....	17.25	2.00	.....
Departmental Repairs, Materials.....	6.27	.....	2.01
Total .....	\$12,393.05	\$4,991.82	\$3,827.93
Net Increase .....	.....	1,163.89	.....

## CARE OF LAND IMPROVEMENTS.

	Totals	Comparisons with 1918	
		Increases	Decreases
Supervision and General Expenses—			
Personal Service:			
Assistant Superintendent .....	\$2,999.30	\$885.30	.....
Foremen .....	24,917.10	2,708.90	.....
Others .....	13,325.74	6,296.57	.....
General Plant Supplies.....	.....	.....	\$8.00
Transportation—			
Hire of Horses and Vehicles with Drivers...	55.44	.....	266.82
Communication—			
Telephone Service .....	59.75	.....	15.64
Total .....	\$50,189.72	\$12,103.24	\$290.46
Net Increase .....	.....	11,812.78	.....
Care of Roads, Paths and Driveways—			
Cleaning, Oiling and General Care:			
Labor .....	\$13,551.51	.....	\$1,077.24
General Plant Supplies.....	22.60	.....	7.92
Hire of Horses and Vehicles with Drivers	1,136.50	.....	2,341.56
Snow Removal—			
Labor .....	2,267.46	.....	1,807.51
Hire of Horses and Vehicles with Drivers...	119.38	.....	511.05
Repairs to Roads and Driveways—			
Labor .....	17,909.75	.....	1,165.01
Highway Materials .....	16,997.11	\$2,496.53	.....
Fuel Supplies .....	393.08	79.40	.....
General Plant Supplies.....	49.82	.....	17.38
Hire of Horses and Vehicles with Drivers...	4,272.89	1,317.17	.....
Repairs to Paths and Walks—			
Labor .....	6,480.55	433.91	.....
Highway Materials .....	1,126.17	514.69	.....
Hire of Horses and Vehicles with Drivers...	2,175.50	.....	480.11
Repairs, Contract or Open Order.....	.....	.....	273.60
Total .....	\$66,502.32	\$4,841.70	\$7,681.38
Net Decrease .....	.....	.....	2,839.68
Care of Trees, Shrubs, Flowers and Lawns—			
Head Gardener .....	\$2,280.00	\$180.00	.....
Care of Trees and Shrubs—			
Labor .....	12,097.47	2,749.26	.....
Botanical and Agricultural Supplies.....	1,880.79	1,368.97	.....
General Plant Supplies.....	13.95	3.81	.....
General Plant Materials.....	.....	.....	\$25.33
Hire of Horses and Vehicles with Drivers...	319.50	.....	173.50
Care of Flowers and Plants—			
Labor .....	6,741.34	44.54	.....
Botanical and Agricultural Supplies.....	8.60	8.60	.....
Hire of Horses and Vehicles with Drivers...	186.50	.....	399.99
Care of Lawns—			
Labor .....	61,755.42	6,928.53	.....
Botanical and Agricultural Supplies.....	898.15	711.37	.....
Fuel Supplies .....	.....	.....	44.74
General Plant Supplies.....	36.43	.....	56.43
Hire of Horse and Vehicles with Drivers...	14,393.31	2,231.36	.....
Contract or Open Order.....	449.00	.....	151.00
Total .....	\$101,060.46	\$14,226.44	\$850.99
Net Increase .....	.....	13,375.45	.....

	Totals	Comparisons with 1918	
		Increases	Decreases
Care of Beaches, Lakes and Shore Lines—			
Labor .....	\$515.12	.....	\$277.88
General Plant Supplies.....	.....	.....	17.76
Hire of Horses and Vehicles with Drivers...	201.13	.....	221.53
Total .....	\$716.25	.....	\$517.17
Net Decrease .....	.....	.....	517.17

### CARE OF TREES IN CITY STREETS.

	Totals	Comparisons with 1918	
		Increases	Decreases
Spraying, Pruning and General Care—			
Labor .....	\$13,988.31	.....	\$392.19
Botanical and Agricultural Supplies.....	.....	.....	1,174.40
Fuel Supplies .....	40.67	.....	25.57
General Plant Supplies.....	9.12	.....	9.30
Hire of Horses and Vehicles with Drivers...	434.50	.....	1,737.11
Carfare .....	.....	.....	13.75
Repairing Tree Guards—			
Labor .....	15.25	.....	200.75
Total .....	\$14,487.85	.....	\$3,553.07
Net Decrease .....	.....	.....	3,553.07

### OPERATION AND MAINTENANCE OF PLAYGROUNDS AND ATHLETIC FIELDS.

	Totals	Comparisons with 1918	
		Increases	Decreases
Attendance and Special Expenses—			
Personal Service .....	\$4,570.54	.....	\$1,375.70
Running Track—			
Labor .....	1,265.88	\$1,265.88	.....
General Plant Supplies.....	6.21	6.21	.....
Materials .....	14.07	14.07	.....
Hire of Horses and Vehicles with Drivers...	257.50	257.50	.....
Educational and Recreational Equipment—			
Replacements .....	97.60	.....	217.47
Departmental Repairs, Labor.....	2,455.95	709.95	.....
Departmental Repairs, Materials.....	867.30	226.79	.....
Hire of Horses and Vehicles with Drivers...	41.25	41.25	.....
School Gardens—			
Labor .....	35.75	.....	49.00
Botanical and Agricultural Supplies.....	3.12	3.12	.....
Care of Golf Links—			
Labor .....	27,567.78	2,343.61	.....
Botanical and Agricultural Supplies.....	278.17	.....	63.24
Fuel Supplies .....	482.82	.....	39.83
General Plant Supplies.....	244.87	80.40	.....
Hire of Horses and Vehicles with Drivers...	4,835.35	.....	410.45



	Totals	Comparisons with 1918	
		Increases	Decreases
Recreational Equipment, Repairs—			
Labor .....	276.79	.....	227.96
Materials .....	102.51	.....	2.66
Care of Special Grounds—			
Cleaning and General Care:			
Labor .....	2,541.07	.....	2,366.43
General Plant Supplies.....	177.61	170.33	.....
Hire of Horses and Vehicles with Drivers	36.12	.....	324.05
Camp Grounds—			
Labor .....	257.49	.....	369.76
Hire of Horses and Vehicles with Drivers...	199.25	.....	118.17
General Plant Materials.....	9.56	9.56	.....
Repairs—			
Labor .....	6,793.11	4,115.98	.....
General Plant Supplies.....	.....	.....	125.40
General Plant Materials.....	26.55	.....	287.88
Hire of Horses and Vehicles with Drivers...	1,287.87	728.04	.....
Care of Lakes—Skating—			
Labor .....	1,831.96	.....	3,223.69
Lighting .....	9.72	.....	851.03
Hire of Horses and Vehicles with Drivers...	197.00	175.55	.....
Care of Buildings and Structures—			
Repairs, Labor .....	451.48	436.98	.....
Materials .....	585.71	585.71	.....
Hire of Horses and Vehicles with Drivers...	5.50	5.50	.....
Total .....	\$57,813.46	\$11,176.43	\$10,052.72
Net Increase .....	.....	1,123.71	.....

### MAINTENANCE OF GENERAL PARK IMPROVEMENTS AND PROPERTIES.

	Totals	Comparisons with 1918	
		Increases	Decreases
Bridges and Tunnels—			
Departmental Repairs, Labor.....	\$709.56	\$119.56	.....
Departmental Repairs, Materials.....	451.78	.....	\$439.88
Railings, Fences and Walls—			
Departmental Repairs, Labor.....	3,277.22	195.65	.....
Departmental Repairs, Materials.....	1,325.90	338.29	.....
Hire of Horses and Vehicles with Drivers...	58.50	53.00	.....
Drinking Fountains—			
Departmental Repairs, Labor.....	826.77	505.27	.....
Departmental Repairs, Materials.....	38.53	11.49	.....
Basins and Sewers—Cleaning—			
Labor .....	1,331.23	34.93	.....
Hire of Horses and Vehicles with Drivers...	23.50	.....	78.12
Repairs and Replacements—			
Departmental Repairs, Labor.....	3,384.04	.....	1,790.01
Departmental Repairs, Materials.....	948.64	.....	1,853.36
Repairs, Contract or Open Order.....	.....	.....	50.00
Hire of Horses and Vehicles with Drivers...	82.00	36.50	.....
Chairs and Settees—			
Departmental Repairs, Labor.....	2,867.41	256.20	.....
Departmental Repairs, Materials.....	532.08	.....	347.96
Hire of Horses and Vehicles with Drivers...	25.25	25.25	.....

	Totals	Comparisons with 1918	
		Increases	Decreases
Signs—			
Departmental Repairs, Labor.....	4,521.95	1,744.45	.....
Departmental Repairs, Materials.....	848.76	201.14	.....
Other Park Properties—			
Departmental Repairs, Labor.....	135.84	78.34	.....
Departmental Repairs, Materials.....	101.08	57.73	.....
Repairs, Contract or Open Order.....	.....	.....	75.00
Total .....	\$21,490.04	\$3,657.80	\$4,634.33
Net Decrease .....	.....	.....	976.53

### CARE OF BATH HOUSE AND COMFORT STATIONS.

	Totals	Comparisons with 1918	
		Increases	Decreases
Operation—			
Labor .....	\$23,451.81	\$4,421.71	.....
Fuel Supplies .....	653.57	363.63	.....
Cleaning and Disinfecting Supplies.....	56.66	.91	.....
General Plant Supplies.....	307.13	27.25	.....
Maintenance—			
General Plant Equipment:			
Replacements .....	480.42	205.23	.....
Plumbing Repairs—			
Departmental Labor .....	1,188.88	.....	\$564.74
Departmental Materials .....	105.16	.....	138.62
Other Repairs and Changes—			
Departmental Labor .....	2,137.32	.....	1,115.36
Departmental Materials .....	735.75	.....	1,375.04
Total .....	\$29,116.70	\$5,018.73	\$3,193.76
Net Increase .....	.....	1,824.97	.....

### CARE OF BUILDINGS AND OTHER STRUCTURES.

	Totals	Comparisons with 1918	
		Increases	Decreases
Operation—			
Labor .....	\$9,841.59	.....	\$428.39
Cleaning and Disinfecting Supplies.....	24.58	\$11.79	.....
Fuel Supplies .....	2,304.06	776.00	.....
General Plant Supplies.....	186.42	68.16	.....
Maintenance—			
General Plant Equipment:			
Replacements .....	252.19	115.87	.....
Plumbing Repairs—			
Departmental Labor .....	1,403.18	306.68	.....
Departmental Materials .....	349.11	205.93	.....

	Totals	Comparisons with 1918	
		Increases	Decreases
Other Building Repairs—			
Departmental Labor .....	6,694.59	2,921.89	.....
Departmental Materials .....	2,979.99	1,205.08	.....
Contract or Open Order.....	56.30	44.80	.....
Hire of Horses and Vehicles with Drivers...	34.25	.....	41.75
Total .....	\$24,126.26	\$5,656.20	\$470.14
Net Increase .....	.....	5,186.06	.....

### MUSIC AND CELEBRATIONS.

	Totals	Comparisons with 1918	
		Increases	Decreases
Personal Service .....	\$200.01	\$81.01	.....
General Plant Service—Music.....	6,108.00	.....	\$6.00
General Plant Supplies.....	3.54	3.54	.....
General Plant Service—General.....	16.20	16.20	.....
Construction and Removal of Stands—			
Departmental Labor .....	1,246.80	473.30	.....
Departmental Materials .....	190.74	92.00	.....
Contract or Open Order.....	14.00	.....	69.97
Hire of Horses and Vehicles with Drivers...	96.25	74.25	.....
Repairs to Stands—			
Departmental Labor .....	832.67	271.79	.....
Departmental Materials .....	433.54	228.86	.....
Total .....	\$9,141.75	\$1,240.98	\$75.97
Net Increase .....	.....	1,164.98	.....

### MAINTENANCE OF GENERAL PARK EQUIPMENT.

	Totals	Comparisons with 1918	
		Increases	Decreases
Highway Equipment—			
Water, Oil and Asphalt Wagons.....	\$11.37	.....	\$154.05
Road Rollers and Road Harrows.....	1,091.18	\$65.35	.....
Snow Plows .....	125.44	.....	271.58
Other Highway Equipment.....	427.60	139.70	.....
Botanical and Agricultural Equipment—			
Garden Tools and Implements.....	735.52	80.56	.....
Lawnmowers and Grasscutters.....	6,183.73	.....	143.53
Spraying Equipment .....	454.70	.....	3.62
Pruning Equipment .....	680.69	19.31	.....
General Equipment—			
Wheelbarrow and Hand Carts.....	423.13	157.14	.....
Other General Equipment.....	1,721.39	549.65	.....
Total .....	\$11,854.75	\$1,011.71	\$572.78
Net Increase .....	.....	438.93	.....

## EDUCATIONAL AND OPERATIVE ACTIVITIES.

	Totals	Comparisons with 1918	
		Increases	Decreases
Operation—			
Labor .....	\$37,817.97	.....	\$1,987.98
Forage Supplies .....	1,818.04	.....	402.26
Veterinary Supplies .....	43.42	\$36.52	.....
Fuel Supplies .....	4,086.87	1,093.21	.....
Cleaning and Disinfecting Supplies.....	32.28	7.08	.....
Botanical and Agricultural Supplies.....	714.77	.....	431.09
General Plant Supplies.....	194.64	66.41	.....
Carfare .....	15.30	.....	41.45
Telephone Service .....	75.27	.....	37.73
Hire of Horses and Vehicles with Drivers...	2,304.25	.....	189.31
Shoeing—			
Contract or Open Order.....	403.50	21.20	.....
Carriages and Buggies—			
Departmental Repairs, Labor.....	86.65	86.65	.....
Departmental Repairs, Materials.....	30.64	30.64	.....
Repairs, Contract or Open Order.....	.....	.....	40.00
Carts and Wagons—			
Departmental Repairs, Labor.....	2,078.15	494.51	.....
Departmental Repairs, Materials.....	371.63	187.82	.....
General Plant Equipment—			
Replacements .....	1,076.51	.....	118.44
Departmental Repairs, Labor.....	440.39	.....	100.87
Departmental Repairs, Materials.....	207.42	.....	76.18
Repairs, Contract or Open Order.....	154.74	58.74	.....
Building Repairs—			
Departmental Repairs, Labor.....	3,006.32	.....	1,170.00
Departmental Repairs, Materials.....	1,185.53	.....	251.59
Contract or Open Order.....	30.00	28.40	.....
Total .....	\$56,182.29	\$2,111.18	\$4,851.90
Net Decrease .....	.....	.....	\$2,740.72
Other Miscellaneous Expenses.....	4,366.78	.....	2,916.87
Grand Total .....	\$60,549.08	\$2,111.18	.....
Net Decrease .....	.....	.....	5,657.59

## PARKWAYS.

Name.	Actual Length, Linear Feet.	Width in Feet.	Square Feet.	Acres.
Bronx and Pelham.....	11,861	400	4,744,400	108.90
Crotona .....	3,815	140	534,100	12.30
Mosholu .....	6,035	600	3,621,000	83.12
AVERAGE WIDTH.				
Spuyten Duyvil (varies from 60 to 180 feet)	11,500	106.438	1,224,037	28.10
Total .....	33,211	.....	10,123,537	232.42

# **FINANCIAL STATEMENT FOR YEAR ENDED DECEMBER 31, 1919.**

Expenditures.	Amount.	Percentage of Total.
Administration, General .....	\$41,479.31	.08
Auto Truck Service.....	12,393.05	.02
Supervision and General Expense.....	50,189.72	.10
Care of Roads, Paths and Driveways.....	66,502.32	.13
Care of Trees, Flowers and Lawns in Parks.....	101,060.46	.20
Care of Trees in City Streets.....	14,487.85	.03
Care of Beach and Shore Lines.....	716.25	...
Care of Playgrounds and Athletic Fields.....	57,813.46	.12
Care of Park Improvements and Properties.....	21,490.04	.05
Care of Bath Houses and Comfort Stations.....	29,116.70	.06
Care of Buildings and Structures.....	24,126.26	.05
Music and Celebrations.....	9,141.75	.02
Maintenance of General Plant Equipment.....	11,854.75	.02
Maintenance of Operative Activities.....	56,182.29	.11
Miscellaneous Expenses .....	4,366.79	.01
<b>Total Operating Expenditures.....</b>	<b>\$500,921.00</b>	<b>100%</b>
<b>Receipts.</b>		
Sales of Old Materials.....	\$1,294.21	
Rents .....	1,085.50	
Privileges and Concessions.....	27,304.51	
Fees for Lockers.....	4,700.00	
Fees for Golf Privileges.....	32,929.00	
Fees for Motion Pictures.....	156.00	
Fees for Camp Sites.....	5,312.00	
Fees for Bathing Lockers.....	12,981.60	
Fees for Tennis Permits.....	1,505.00	
Fees for Camp Floorings.....	2,630.00	
Fees for Parking Permits.....	125.00	
Fees for War Gardens.....	111.00	
Miscellaneous .....	20.79	
<b>Total Receipts .....</b>	<b>90,154.61</b>	
<b>Net Operating Expenses.....</b>	<b>\$410,766.39</b>	

## **BAND CONCERTS GIVEN IN THE PARKS IN 1919.**

Name of Park.	Number of Concerts.	Amount Paid.	Attend- ance.
Van Cortlandt .....	8	\$912.00	21,700
St. Mary's .....	6	612.00	11,900
Crotona .....	6	612.00	12,300
Claremont .....	3	306.00	2,000
St. James .....	6	612.00	2,500
Franz Sigel .....	6	612.00	4,800
McComb's Dam .....	5	510.00	5,900
Westchester Square .....	6	612.00	8,100
Pelham Bay .....	4	402.00	5,900
Washington Bridge .....	3	306.00	1,900
Poe Park .....	5	510.00	1,800
Parades (Liberty Loan).....	1	102.00	.....
<b>Total.....</b>	<b>59</b>	<b>\$6,108.00</b>	<b>78,800</b>

### DETAILED STATEMENT OF EXPENSES FOR 1919.

### Direct Park Expenses.

	General Expenses	Supervision and General Expenses	Care of Roads, Paths and Driveways	Care of Trees, Shrubs, Flowers and Lawns	Care of Beaches, Lakes and Shore Lines	Playgrounds and Athletic Fields	Care of General Park Improvements and Properties	Care of Bath Houses and Comfort Stations	Care of Buildings and Other Structures Not Otherwise Classified	Music and Celebrations	Total for 1919	Increases as Compared with 1918	Decreases as Compared with 1918
GENERAL ADMINISTRATION .....	\$41,479.31										\$41,479.31	\$7,971.00	
Automobile Service .....	12,393.05										12,393.05	1,163.89	
PARKS AND PLAYGROUNDS—													
Bronx Park .....			\$2,886.66	\$1,674.38		\$311.53	\$166.13				5,038.70		\$5,670.83
Claremont Park .....		\$2,231.90	1,471.76	4,137.08		1,387.69	421.31	\$620.41	\$4,198.05	\$910.03	15,378.23		3,642.40
Crotona Park .....		10,397.94	11,550.90	31,549.37		8,510.85	2,817.58	5,432.51	2,701.46	697.04	73,657.65	16,226.81	
DeVoe Park .....		74.75	69.88	1,935.40			104.85				2,184.88		1,966.59
Echo Park .....		582.44	573.65	809.97			518.13				2,484.19	1,011.06	
McComb's Dam Park .....		2,937.33	1,552.06	3,922.39		5,428.37	364.67	3,700.70	31.84	618.81	18,556.17	4,638.06	
Melrose Park .....			156.00	433.87			81.25				671.12		206.57
Pelham Bay Park .....		9,256.33	11,550.86	11,423.99	\$716.25	10,356.81	3,228.36	10,051.53	5,858.73	406.89	62,849.75	3,633.91	
Poe Park .....		19.80	80.03	833.35			61.40		247.69	650.92	1,893.19		170.08
St. James Park .....		2,650.38	563.00	3,236.85		1,099.03	59.11	1,207.13		612.00	9,427.50	1,965.82	
St. Mary's Park .....		4,133.90	2,435.02	4,451.46		2,220.39	389.83	2,368.73		623.37	16,622.70	937.62	
Franz Sigel Park .....		1,423.00	1,719.62	2,304.77		698.98	634.45	1,101.95	173.09	612.00	8,667.86	708.10	
University Park .....			114.31	1,551.89			57.75				1,723.95	231.20	
Van Cortlandt Park .....		6,396.79	16,984.95	15,521.30		26,398.89	1,647.48	4,546.31	10,686.54	1,318.12	83,500.38	9,022.35	
Washington Bridge Park .....			280.25	1,000.06			86.17	87.43		508.46	1,962.37		523.51
Small Parks, Squares and Triangles .....		121.24	1,363.55	3,920.76		1,160.42	945.71		79.27	2,184.11	9,775.06	1,092.37	
PARKWAYS—													
Bronx and Pelham Parkway .....		1,839.68	4,890.38	4,160.71			362.39		131.58		11,384.74		4,650.77
Crotona Parkway .....			3,056.62	992.27			140.32				4,189.21	154.32	
Moshulu Parkway .....		2,412.19	3,059.69	3,307.10		240.50	1,400.46		18.01		10,437.95	3,208.73	
Roads in N. Y. Botanical Garden .....			917.64				16.25				917.64		374.29
Spuyten Duyvil Parkway .....		906.15	1,225.49	1,613.49							3,761.38		355.23
UNDISTRIBUTED .....		4,805.90		2,280.00			7,986.44				15,072.34	4,544.33	
CITY STREETS—													
Care of Trees .....				14,487.85							14,487.85		3,553.07
MISCELLANEOUS EXPENSES—													
General Park Equipment .....	11,854.75										11,854.75		438.93
Greenhouses and Nursery .....				31,194.28							31,194.28		4,316.96
Stables .....	15,074.24										15,074.24	1,197.91	
Shops (overhead) .....	9,913.77										9,913.77	378.33	
OTHER MISCELLANEOUS EXPENSES .....	4,366.79										4,366.79		2,916.87
Total .....	\$95,081.72	\$50,189.72	\$66,502.32	\$14,742.59	\$716.25	\$57,813.46	\$21,490.04	\$29,116.70	\$24,126.26	\$9,141.75	\$500,921.00	\$58,694.82	\$28,177.09</

## SUMMARY OF EXPENSES FOR YEAR ENDED DECEMBER 31, 1919.

On Basis of Budget Classifications.

## CARE OR OPERATION AND MAINTENANCE OF

	General Administra- tion	Park Supervision and General Expenses	Roads, Paths and Driveways	Trees, Shrubs, Flowers and Lawns, Beaches and Shore Lines	Trees in City Streets	Playgrounds and Athletic Fields	General Park Improve- ments and Propert- ies	Bath Houses and Comfort Stations	Buildings and Other Structures (Not Otherwise Classified)	General Equipment, Music, Etc.	Educational and Operative Activities, Miscellaneous	Total for 1919
PERSONAL SERVICE .....	\$47,468.72	\$50,074.53	\$40,209.27	\$83,389.35	\$14,003.56	\$48,047.80	\$17,054.02	\$26,778.01	\$17,939.36	\$10,186.04	\$47,384.48	\$402,535.14
SUPPLIES—												
Forage and Veterinary .....											\$1,861.46	\$1,861.46
Fuel .....			\$393.08		\$40.67	\$482.82		\$653.57	\$2,304.06		4,086.87	7,961.07
Office .....	\$612.91											612.91
Medical and Surgical .....												
Cleaning and Disinfecting .....								56.66	24.58		32.28	113.52
Educational and Recreational .....												
Botanical and Agricultural .....				\$2,787.54		281.29					714.77	3,783.60
Motor Vehicles .....	2,367.59											2,367.59
General Plant .....	279.17		72.42	50.38	9.12	438.41		307.13	186.42	\$3.54	194.64	1,541.23
Total .....	\$3,259.67		\$465.50	\$2,837.92	\$49.79	\$1,202.52		\$1,017.36	\$2,515.06	\$3.54	\$6,890.02	\$18,241.38
PURCHASE OF EQUIPMENT—												
Office .....	\$66.98											\$66.98
Live Stock .....												
Motorless Vehicles and Equipment .....												
Motor Vehicles and Equipment .....	1,451.99											1,451.99
Wearing Apparel .....						\$97.60						97.60
Educational and Recreational .....	44.92							\$480.42	\$252.19	\$822.55	\$1,076.51	2,676.59
General Plant .....												
Total .....	\$1,563.89					\$97.60		\$480.42	\$252.19	\$822.55	\$1,076.51	\$4,293.16
MATERIALS—												
Highways .....			\$18,123.28				\$948.64					\$18,123.28
Sewer .....							451.78	\$840.91	\$3,329.10	\$624.28	\$1,392.95	948.64
Building .....						\$585.71						7,224.73
General Plant .....	\$785.28					1,019.99	2,846.35			3,078.64	535.61	8,265.87
Total .....	\$785.28		\$18,123.28			\$1,605.70	\$4,246.77	\$840.91	\$3,329.10	\$3,702.92	\$1,928.56	\$34,562.52
CONTRACT OR OPEN ORDER SERVICE—												
General Repairs .....	\$216.15								\$56.30	\$50.00	\$192.74	\$515.19
Hire of Horses and Vehicles with Drivers .....		\$55.44	\$7,704.27	\$15,100.44	\$434.50	\$6,859.84	\$189.25		34.25	107.25	2,582.70	33,067.94
Shoeing and Boarding Horses, including Veterinary Service .....											403.50	403.50
Carfare .....	73.07										15.30	88.37
Expressage and Deliveries .....												
Telephone Service .....	342.53	59.75									75.27	477.55
General Plant Service .....	163.05			449.00						6,124.20		6,736.25
Motor Vehicle Repairs .....												
Total .....	\$794.80	\$115.19	\$7,704.27	\$15,549.44	\$434.50	\$6,859.84	\$189.25		\$90.55	\$6,281.45	\$3,269.51	\$41,288.80
Appropriation Total .....	\$53,872.36	\$50,189.72	\$66,502.32	\$101,776.71	\$14,487.85	\$57,813.46	\$21,490.04	\$29,116.70	\$24,126.26	\$20,996.50	\$60,549.08	\$500,921.00
Corporate Stock .....			2,397.06	7,461.55				448.56				10,307.17
Grand Total .....	\$53,872.36	\$50,189.72	\$68,899.38	\$109,238.26	\$14,487.85	\$57,813.46	\$21,490.04	\$29,565.26	\$24,126.26	\$20,996.50	\$60,549.08	\$511,228.17