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Monthly Report of Sanitation Department
for October 1949

22 Nov., 1949

1. Disposition

a) Night-soil

| | |
|---|---------------|
| 1) Total amount collected | 120,578.7 kl. |
| by Tokyo-to Labourers | 29,659.5 " |
| by farmers | 66,307.3 " |
| by individual citizens | 24,611.9 " |
| 2) Total amount disposed finally | 106,414.8 " |
| Back to farming villages | 81,575.0 " |
| in Tokyo-to | 30,479.9 " |
| in Saitama Pref. | 46,765.1 " |
| in Chiba " | 977.9 " |
| in Ibaragi " | 46.6 " |
| in Kanagawa " | 3,304.5 " |
| Disposed by citizen themselves | 24,611.9 " |
| Others | 227.9 " |
| 3) Transportation: Hand-cart, Cattle or horse cart, truck, barge and railway | |

b) Garbage and Trash

| | |
|--|----------------|
| 1) Total amount collected | 29,930.717 kg. |
| Refuse | 11,795.771 " |
| Garbage | 6,978.480 " |
| Mixed | 3,404.576 " |
| Piles garbage & debris on road | 3,072.754 " |
| Requested | 2,679.136 " |
| 2) Amount finally disposed (Utilized) | 29,930.717 " |
| For filling up | 21,634.954 " |
| For fertilizer | 2,281.125 " |
| For feeding stock-living | 5,429.550 " |
| For burned up | 385.088 " |
| 3) Transportation: Hand-cart, Cattle or horse cart, Barge and Truck | |

2. Transportation

| | |
|--|----------------|
| 1) Average daily number of transportation operated (by the Tokyo-to authorities only) | |
| a. Truck | 211 |
| b. Cattle cart | 40 |
| c. Hand cart | 1,025 |
| d. Barge | 30 |
| 2) Amount of fuel consumed | |
| a. Gasoline | 30,045.5 litre |
| b. Charcoal | 32,270.0 kg. |

3. Inspection findings, especially irregular ones and measures taken to correct them

On 21 October, Mr. Allen of Tokyo Civil Affairs Team called S.Hosoya of Sakura Shokai and T.Masuda of Misu Shokai, contractors of C area Dependent Housing with the presence of Captain Martin who was in charge of C area Dependent Housing, and gave the following instructions.

It has passed more than six weeks since the waste disposal work of Occupation installations by new contractors was started from 1 September. So I thought they had become well acquainted with their work by this time. But actually there are some places where the work are not being done smoothly. In October there have been many complaints from the C area (12th and 13th districts), especially from the 12th district which is Misu Shokai's round. And the collecting labourer who collected from the House no. 256 around Wednesday or Thursday of that week complained that he could not devote all his time in cleaning this house alone because he had other houses to clean, and he left the garbage he collected on the neighbouring road. They were told to find out that laborer, warn him closely and send a report on it.

In answer to the question how many times a collection was made a week in C area, Sakura Shokai answered 3 to 4 times and Misu Shokai 3 times. But according to the findings of TCAT, Misu Shokai are not collecting so many times.

The date that collection was made in Oct. are only
House no. 876—3rd, 7th, 11th and 20th Oct.
House no. 882—4th, 12th and 20th Oct.

Both contractors were told to make an operational plan from next month and show to Mr. Martin of C area Branch.

Sakura Shokai said that they wanted to change into twice-a-week collection, except when they got a special telephone call as the summer had passed and the decomposition was not so quick. And they asked the question that some houses made them wash the garbage container but if they had to wash it or not. In answer to that question, they answered that they would approve the twice-a-week collection if the interval would not be prolonged, and they told the contractors they needed not send collectors in the future when called by telephone unless the Branch told them. They need not wash the container but they should be careful not to scatter garbage around. As to the submitting of operational plan, this is applied just to contractors of 12th and 13th districts and other contractors need not submit.

Therefore this Department told these contractors to find out and report on the collector in question, make and submit the operational plan and to carry it out. Other instructions were also given.

4. Personnel and operational changes

1) Personnel cutting program of this Department ended with the total number of 109 who left the Office including 101 voluntarily resigned and other 8.

After this, changes in chiefs of branch offices and detachments was announced on 20 Sept. and appointment of chiefs of Umayabashi and Shibauro Operation Stations was announced on 1 Oct.

2) Shibauro and Umayabashi new operational stations were opened from October.

a) Shibauro Operational Station is located at 10, Takahama-cho, Shiba, Minato Ward and its major work is road cleaning, garbage removal and road washing with two wash trucks. The number of personnel is chief and 12 others. The work was started from 1 Oct.

b) Umayabashi Operational Station is located at 34, 3-chome, Kuramae, Asakusa, Daito Ward, and night-soil collection work of the Fukagawa Operational Station has been transferred to this new station which was opened from 15 October. The barge "Musashino-maru" and others were also transferred. The no. of personnel there is 61 besides 12 workers of the barge.

3) Concerning the popularization of setting up of flush toilet which was mentioned in monthly report of August, Sewage Section of Water Bureau has been working hard. But it is so-called preparatory period so far and the results till now are not so good as expected.

Although it is expected that applicants will increase by removing of obstacles, such as applicants' being unfamiliar with formalities, lack of experience on the side of contractors etc., the goal of 10,000 toilets in the first fiscal year is considered to be hard to be accomplished.

The following no. shows the results so far

| | |
|-----------------------|---------------------------|
| No. applications | 1,257 |
| No. accepted | 877 |
| No. toilets completed | 86 (by their own expense) |

Feb

93

Monthly Report of Sanitation Department
for October 1949

22 Nov., 1949

1. Disposition

a) Night-soil

| | |
|--|---------------|
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| by farmers | 66,307.3 " |
| by individual citizens | 24,611.9 " |
| 2) Total amount disposed finally | 106,414.8 " |
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| in Saitama Pref. | 46,765.1 " |
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| 3) Transportation: Hand-cart, Cattle or horse cart, truck, barge and railway | |

b) Garbage and Trash

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| 1) Total amount collected | 29,930.717 kg. |
| Refuse | 11,795.771 " |
| Garbage | 6,978.460 " |
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| Piles garbage & debris on road | 3,072,754 " |
| Requested | 2,679,136 " |
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| For filling up | 21,834,954 " |
| For fertilizer | 2,281,125 " |
| For feeding stock-living | 5,429,550 " |
| For burned up | 385,088 " |
| 3) Transportation: Hand-cart, Cattle or horse cart, Barge and Truck | |

2. Transportation

1) Average daily number of transportation operated
(by the Tokyo-to authorities only)

| | |
|----------------|-------|
| a. Truck | 211 |
| b. Cattle cart | 40 |
| c. Hand cart | 1,025 |
| d. Barge | 30 |

2) Amount of fuel consumed

| | |
|-------------|----------------|
| a. Gasoline | 80,045.5 litre |
| b. Charcoal | 32,270.0 kg. |

3. Inspection findings, especially irregular ones and measures taken to correct them

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3) Concerning the popularization of setting up of flush toilet which was mentioned in monthly report of August, Sewage Section of Water Bureau has been working hard. But it is so-called preparatory period so far and the results till now are not so good as expected.

Although it is expected that applicants will increase by removing of obstacles, such as applicants' being unfamiliar with formalities, lack of experience on the side of contractors etc., the goal of 10,000 toilets in the first fiscal year is considered to be hard to be accomplished.

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| No. accepted | 877 |
| No. toilets completed | 86 (by their own expense) |

File

Monthly Report of Sanitation Department
for September 1949

19 Oct., 1949

1. Disposition

a) Night-soil

| | |
|---|---------------|
| 1) Total amount collected | 116,926,9 kl. |
| by Tokyo-to Labourers | 29,166,6 " |
| by farmers | 62,972,1 " |
| by individual citizens | 24,788,2 " |
| 2) Total amount disposed finally | 116,058,5 " |
| Back to farming villages | 90,352,5 " |
| in Tokyo-to | 37,623,1 " |
| in Saitama Pref. | 44,874,7 " |
| in Chiba " | 4,760,6 " |
| in Ibaragi " | 197,6 " |
| in Kanagawa " | 2,896,5 " |
| Disposed by citizen themselves | 24,788,2 " |
| Others | 917,8 " |
| 3) Transportation: | |
| Hand-cart, Cattle or horse cart, truck, barge and railway | |

b) Garbage and Trash

| | |
|--|----------------|
| 1) Total amount collected | 27,673,212 kg. |
| Refuse | 10,456,425 " |
| Garbage | 5,771,160 " |
| Mixed | 3,063,187 " |
| Piles garbage & debris on road | 5,999,352 " |
| Requested | 2,383,088 " |
| 2) Amount finally disposed (Utilized) | 27,673,212 " |
| For filling up | 20,829,837 " |
| For fertilizer | 1,934,888 " |
| For feeding stock-living | 4,611,075 " |
| For burned up | 297,412 " |
| 3) Transportation: | |
| Hand-cart, Cattle or horse cart, Barge and Truck | |

2. Transportation

1) Average daily number of transportation operated
(by the Tokyo-to authorities only)

| | |
|----------------|-----|
| a. Truck | 204 |
| b. Cattle cart | 45 |
| c. Hand cart | 985 |
| d. Barge | 49 |

2) Amount of fuel consumed

| | |
|-------------|--------------|
| a. Gasoline | 99,409 litre |
| b. Charcoal | 37,238 kg. |

3. Disposition done during the time of flood (caused by Typhoon)

| | |
|-----------------------|-------------|
| 1) Night-soil | 8,719,2 kl. |
| by Tokyo-to Labourers | 899,3 " |
| by farmers | 7,819,9 " |

- | | |
|--------------------------|---------------|
| 2) Garbage and Trash | 4,231,148 kg. |
| Road cleansing | 1,742,738 " |
| Garbage and trash | 2,120,760 " |
| Disposed by mobile teams | 367,650 " |
4. Inspection findings, especially irregular ones and measures taken to correct them
- 1) As reported in monthly report of August, collectors of garbage and waste from Allied installations were decided through bidding, and the operation by new collectors was started from 1 September. Mr. Allen of Public Health Section of Tokyo Civil Affairs Team called these new contractors in his office on 20 September and gave instructions. Major points of his instructions were as follows:
- a) Each contractor should make close contact with the custodian from whom he gets directions.
- b) Collecting work should cover not only worthy stuffs but also valueless ones. In answer to contractors' complaint that there was only refuse and no usable things from dependent houses, he told that he would discuss this with R. & U. and he was thinking to make notice on Stars and Stripes, asking all the Americans to deliver usable waste also only to contractors approved by Tokyo-to and thereby informing that that would make cleaning expense available.
- c) Although he sometimes heard complaints from contractors that they made loss in waste collection from dependent houses, he did not think that the income did not cover the expenses, because they bid after they studied closely. And he asked each of them to re-examine the management of his agent and to make best use of waste.
- d) In answer to the question if he would approve their letting subcontractor do this work, he told that no sub-contract would be permitted. If there was violation against this, contract would be cancelled. But, it is all right to employ laborers who belonged to a company which failed in bidding for the purpose of relief of the unemployed.
- On the side of contractors, they are trying to operate better, complying with his suggestions.
5. Personnel and operational changes
- a) Supervision, cleaning and collecting of park lavatories which was transferred to Sanitation Department from 8 March 1949 from Construction Bureau was delayed due to various preparations. But it was started from 1 September. The operational plans are:
- 1) No. park lavatories transferred: 121
- | | | | |
|----------------------------|---|----|-----------------|
| Those of collecting system | — | 62 | |
| Those of flush system | — | 16 | |
| Those unable to use | — | 43 | { Collecting-14 |
| | | | { Flush — 29 |
- 2) No. laborers hired 21
(laborer days by the end of this fiscal year—3,738)
No laborers were transferred

3) Expense ¥915,810

4) Tools will be supplied in accordance with operational plans. (No tools were transferred.)

5) Others

Operation will be done in similar way as that of public lavatories in general, under close contact with the central office.

b) As to the special supply of night-soil which was applied for from the head of the Federation of Saitama Prefectural Agriculture Purchasing Co-operative Guild, it was decided to supply 18 koku (a truckful) per day for the time being from 1 August at collection point of Hongo Branch of Bunkyo Detachment. The price per a koku is ¥10 and the transportation expense from the collection point will be paid by the receiver.

The final disposal of this will be done properly on the responsibility of the above-said Federation.

c) A man named Mr. Yasuoki Uchida in Korean Hall, at 4, 2-chome, Sarugaku-cho, Kanda, Chiyoda-Ku, came to this Department on 20 April and applied for the permission to use public resting place near public lavatory by Kyobashi Bridge, Chuo-Ku as flower-selling point of students' "arbeit". We explained that any institution for the public cannot be permitted to be used solely by an individual and refused to permit. But several days later we found them at the place selling flowers with a table set up, and warned them strictly and told to leave the place immediately. However, knowing that Tokyo-to had no way of forcible execution, he grew more and more presumptuous. And in spite of our repeated warning, he had carpenters remodel, expand the place, and continued the business. It came to be impossible to make them quit the place through moderate negotiation. Therefore we asked General Affairs Bureau of Tokyo-to on 19 Sept. to solve this problem either by lawsuit or by mediation, and at the same time we submitted bill of indictment to Metropolitan Police Board.

6. Damages that were brought by the recent Kitty Typhoon were very great. 110,766 houses needed garbage disposal and 101,137 houses night-soil collection. Therefore Sanitation Department had to work out immediate and proper program applicable to the situations of areas, in order to restore the cleanliness of the city, to prevent epidemics and to stabilize people's mind.

So the Department made great efforts to work with so-called "cleaning service" spirit, and garbage disposal program was finished on 17 Sept. and night-soil collection program on 13 Sept.

The following is the results:

a) Road cleaning

| | |
|----------------------------|----------------------|
| Space covered | 553,250 square meter |
| Amount of garbage disposed | 464,730 kan |
| No. trucks (truck days) | 645 |
| No. hand carts (cart days) | 1,963 |
| No. laborer days | 4,200 |

b) Garbage disposal

| | |
|--------------------|---------------|
| No. houses covered | 110,766 |
| Amount disposed | 5,655,360 kan |
| No. truck days | 5,891 |
| No. laborer days | 8,797 |

c) Night-soil disposal (both by Tokyo-to collectors and by farmers)

| | |
|----------------------|-------------|
| No. houses covered | 106,137 |
| Amount disposed | 68,870 koku |
| No. laborer days | 8,421 |
| Transportation | |
| No. truck days | 404 |
| No. hand-cart days | 2,386 |
| No. rear-car days | 204 |
| No. cattle-cart days | 494 |
| No. barge days | 42 |

d) Others

A simple public lavatory was set up in front of Meiji Primary School of Koto-Ku and on the Hirai Levee of Edogawa-Ku respectively. (This was already reported before.)

Monthly Report of Sanitation Department
for August 1949

21 Sept., 1949

1. Disposition

a) Night-soil

| | | |
|---|----------|-----|
| 1) Total amount collected | 92,297,8 | kl. |
| by Tokyo-to Labourers | 26,945,6 | " |
| by farmers | 41,843,8 | " |
| by individual citizens | 23,508,4 | " |
| 2) Total amount disposed finally | 91,314,6 | " |
| Back to farming villages | 66,619,1 | " |
| in Tokyo-to | 31,719,3 | " |
| in Saitama Pref. | 26,439,0 | " |
| in Chiba " | 5,355,5 | " |
| in Ibaragi " | 235,4 | " |
| in Kanagawa " | 2,869,9 | " |
| Disposed by citizen themselves | 23,508,4 | " |
| Others | 1,187,1 | " |
| 3) Transportation: | | |
| Hand-cart, Cattle or horse cart, truck, barge and railway | | |

b) Garbage and Trash

| | | |
|---------------------------------------|------------|-----|
| 1) Total amount collected | 28,645.500 | kg. |
| Refuse | 11,681.321 | " |
| Garbage | 7,206.810 | " |
| Mixed | 3,185.655 | " |
| Piles garbage & debris on road | 3,968,753 | " |
| Requested | 2,602.961 | " |
| 2) Amount finally disposed (Utilized) | 28,645.500 | " |
| For filling up | 20,592.299 | " |
| For fertilizer | 2,285.138 | " |
| For feeding stock-living | 5,768.063 | " |

3) Transportation:

Hand-cart, Cattle or horse cart, Barge and Truck.

2. Transportation

| | |
|--|--------------|
| 1) Average daily number of transportation operated (by the Tokyo-to authorities only) | |
| a. Truck | 196 |
| b. Cattle cart | 43 |
| c. Hand cart | 1,016 |
| d. Barge | 47 |
| 2) Amount of fuel consumed | |
| a. Gasoline | 78,318 litre |
| b. Charcoal | 35,635 kg. |

3. Inspection findings, especially irregular ones and measures taken to correct them

a) The charging system of night-soil collection which was started from 1 May has been going on all right. But as they found out that there were some points to be corrected in handling coupons at sanitation branch offices, this Department sent men to branch offices for investigation during the period from 20 July to 2 August. According to their checking there were no irregularities found and in most of the offices they were doing all right. But in some places there were some unsatisfactory handling or book-keeping. So in such places they taught proper handling on the spot. After all the investigation was over, official letter was sent to chief of each branch office stressing points to be corrected.

The findings were as follows

All right — Chiyoda Branch and 10 others

Almost all right — Kojimachi Branch and 12 others

Poor — Yotsuya Branch and 10 others

b) In the regular meeting at ICAT on 17 August disposal of piled garbage in the district of Suginami Branch Office was mentioned. So immediately men were sent to see the situation in order to correct it. Considering the mentioned place as 1-chome of Koenji and 3 more places in the District, arrangements were made for quick disposal of piled garbage there together with Public Work Section of the Ward Office.

In order to raise the efficiency of operation in the whole district, personnel and laborers of the district were warned to make better work. People living in the district were encouraged to have common garbage box in order to prevent dumping of garbage.

4. Personnel and operational changes

a) Concerning the subsidizing program in making flush toilets which was somewhat mentioned in the monthly report of May, Sewage Section of Water Bureau has been making plans for execution. Recently outline and rules concerning the subsidizing has been established as follows. Arrangements to carry them out are now being made.

Outline (extract)

1) Policy

According to the provisions of item 2, article 12 of executive rules of the Law concerning buildings in city area, area where collecting toilet is prohibited will be set up. In such area, a new house will be prohibited to have collecting toilet and existing such toilet will be remodeled into flush toilet.

2) Period of propagation and subsidizing

From the fiscal year of 1949 to 1953

This program will be continued for 5 years.

3) Executive points

110,000 doors for the 5 years will be aimed.

10,000 doors in the first fiscal year and

25,000 doors from the following year will be remodeled with subsidy.

Subsidy

Half of the money needed for installing will be subsidized with the maximum of ¥4,350. In order to inform this to all the people, every means such as round-table discussion, radio, newspaper, poster, leaflet, pamphlet etc. will be used.

b) As to street cleaning which was reported in the monthly report of July, a part of that program was carried out from 1 August. But cleaning by flush vehicles was delayed a little and was started from 27 August with two vehicles in main street.

Before these vehicles started operating, their powers test was done on the street northside of Hibiya Park and on the street of Babasakimon with the presence of officials from TCAT and Sanitation Department.

c) As to the bidding for handling waste and garbage from Occupation installations, applications for bidding were accepted in July and on 8 August those who were qualified to bid were announced. On 10 August bidding was made and opened on the same day. The following people won the bidding.

| Area no. | Name of winner | Bidded money |
|----------|--------------------|--------------|
| 1 | Naka Onozawa | ¥550,000 |
| 2 | Chozaburo Ishizaki | 360,000 |
| 3 | Hiroshi Yamate | 329,000 |
| 4 | Ryohei Nishimura | 448,000 |
| 5 | Toshikata Sekigawa | 434,000 |
| 6 | Kinzo Ishii | 409,500 |
| 7 | Yoshisada Gomi | 434,000 |
| 8 | Takeo Daigo | 143,500 |
| 9 | Seimi Mizuno | 215,000 |
| 10 | Kamasuke Shinkawa | 112,000 |
| 11 | Shintaro Sawai | 185,500 |
| 12 | Tadahisa Masuda | 110,000 |
| 13 | Shin Hosoya | 360,500 |
| 14 | Isaburo Ogawa | 371,000 |
| 15 | Kenjiro Takada | 297,500 |
| 16 | Kigen Fukuyama | 805,000 |
| 17 | " | 2,528,000 |
| 18 | " | 2,128,000 |
| 19 | Matsuji Uchiyama | 561,155 |
| | Total | ¥10,781,655 |

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Monthly Report of Sanitation Department
for July 1949

17 August 1949

1. Disposition

a) Night-soil

| | |
|----------------------------------|------------|
| 1) Total amount collected | 97,388.7kl |
| by Tokyo-to Labourers | 29,729.8 " |
| by farmers | 43,427.4 " |
| by individual citizens | 24,231.5 " |
| 2) Total amount disposed finally | 96,974.7 " |
| Back to farming villages | 71,861.6 " |
| In Tokyo-to | 33,380.9 " |
| In Saitama Pref. | 27,674.7 " |
| In Chiba " | 7,739.9 " |
| In Ibaragi " | 303.5 " |
| In Kanagawa " | 2,762.6 " |
| Disposed by citizen themselves | 24,231.5 " |
| Others | 881.6 " |

3) Transportation:

Hand-cart, Cattle or horse cart, truck, barge and railway

b) Garbage and Trash

| | |
|---------------------------------------|---------------|
| 1) Total amount collected | 26,400,123 kg |
| Refuse | 11,529,473 " |
| Garbage | 6,977,550 " |
| Mixed | 3,330,360 " |
| Piles garbage & debris on road | 2,193,233 " |
| Requested | 2,369,497 " |
| 2) Amount finally disposed (Utilized) | 26,400,113 kg |
| For filling up | 19,054,088 " |
| For fertilizer | 1,815,713 " |
| For feeding stock-living | 5,530,312 " |

3) Transportation:

Hand-cart, Cattle or horse cart, Barge and Truck.

2. Transportation

1) Average daily number of transportation operated
(by the Tokyo-to authorities only)

| | |
|----------------|-------|
| a. Truck | 201 |
| b. Cattle cart | 144 |
| c. Hand cart | 1,024 |
| d. Barge | 37 |

2) Amount of fuel consumed

| | |
|-------------|--------------|
| a. Gasoline | 78,605 litre |
| b. Charcoal | 40,763 kg |

3. Inspection finding, especially irregular ones and measures taken to correct them.

- a) Waste from British Occupation Force Installations has been disposed satisfactorily by the contractor, the proxy of this office, hitherto; but, recently, in consequence of that, disposition of spoilt and damaged things of those wastes (including disused articles and scraps of waste-food) was left to the Sangyo Fukko Kodan, this fact was taken up at the regular meeting on 13, July for it was against the instruction of Memorandum. And the proper instructions were required to the Civil Affairs Team authorities. On such a point of view as these installations can be regarded as the same group of FK and the disposition of the spoilt and damaged things can be contracted between the manager of installation and Sangyo Fukko Kodan, then it became clear that this problem did not conflict with articles of Memorandum, therefore, the above mentioned contractor's understanding was obtained.
- b) At the meeting with officials of Civil Affairs Team on 1st of July, it was requested to ascertain the real fact that the night-soil seemed to cast in the manhole at Gyoranzaka, Shiba. Then, at once this office sent a personnel in charge to investigate the fact, and it was cleared that, that was misunderstanding. The vicinity of that place there are some kitchen gardens, and night-soil is kept in the pool to be used for them. The incorrect report arose from this night-soil pool. And it was also proved by Public Work Section of Minato-ku, that the trace of opening the cover of manhole was never found. But the night-soil pool was ordered to be removed for reason of unsanitary.
- c) On 7th of July, we received the order to remove immediately the great deal of piled rubbish and refuse which had been left alone near by American Embassy, in the area under the jurisdiction of Akasaka Branch, and it had been spoiling the beautiful sight of the city. After investigation, it became clear that, those were earth and sands from the spot under construction of Okura Commercial College, so this office sent for the representative of Nissan Doboku, the responsible person of the construction, and gave the order to take a proper measure and a lecture not to repeat such a carelessness hereafter.
- . Personnel and Operational Charges
- 1) On 8th of March, Seiso Jigyobu (Sanitation Department) was newly formed as a conclusion of unification of sanitary administration on purpose of realization of the sanitary and cultural city. Then the cleaning of roads and rivers which were under the jurisdiction of Kense-tsu Sho (Construction Department) hitherto, was transferred to this department. About the enforcement of this plan we inquired cautiously and recently got the decision. The cleaning of roads was set about on 1st of August and the operation of cleaning rivers is to be begun from 1st of September.

1) Cleaning of roads

a. Province of enforcement

- A area(to be cleaned every day) Vicinity of Marunouchi,
the heart of city.
- b B area(" " every other day) Environee of the
Important Stations
- C area(" " every third day) The truck roads
- D area(" " every forth day) Other important roads

b. How to operate

Collection of waste and refuse on roads and washing of the roads will be performed by 360 labourers.

c. Amount of collected waste expected:

164,250 kg (monthly amount)

d. Numbers of washing truck: 3

e. Expenses: Cleaning of roads

¥ 10,584,140

Washing operation

¥ 1,755,284

Total amount

¥ 12,303,424

2) Cleaning of rivers

a. Limit of enforcement: In the area of Tokyo-to, The Kanda River and other seven rivers.

b. Two barges and two laborers for each one barge will be employed to dispose the floating refuse and waste.

c. Amount of collection expected: 75,000 kg (monthly amount)

d. Expenses: ¥ 696,576

b) The problem how to appoint the contractors who dispose the waste from Occupation Forces Installations have been inquired repeatedly from the mid-March by Military Government Team(old name of Civil Affairs Team) and this office, and recently the concreat items were established, so on 23, July applications were begun to accept and at noon of 27, July it closed.

The numbers of accepted bidders are 45(including 4 persons who did not offer one of the papers).

Adler

June

15 July 1949

Monthly Report of Sanitation Department
for June 1949

1. Disposition

a) Night-soil

| | |
|--|--------------|
| 1) Total amount collected | 99,710.3 kl. |
| by Tokyo-to Laborers | 28,973.4 " |
| by farmers | 45,916.4 " |
| by individual citizens | 24,820.5 " |
| 2) Total amount disposed finally | 98,165.7 " |
| Back to farming villages | 72,469.2 " |
| in Tokyo Pref. | 34,794.7 " |
| in Saitama " | 28,004.7 " |
| in Chiba " | 6,535.5 " |
| in Ibaragi " | 248.0 " |
| in Kanagawa " | 2,886.3 " |
| Disposed by citizens themselves | 24,820.5 " |
| Others | 876.0 " |
| 3) Transportation | |
| Hand-cart, cattle or horse cart, truck, barge and railway. | |

b) Garbage and trash

| | |
|---------------------------------------|----------------|
| 1) Total amount collected | 25,825,051 kg. |
| Refuse | 12,207,780 " |
| Garbage | 6,930,900 " |
| Mixed | 2,044,106 " |
| Filed garbage | 2,556,743 " |
| Garbage & debris on road | 50,663 " |
| Requested | 2,034,659 " |
| 2) Amount finally disposed (utilized) | 25,825,051 " |
| for filling-up | 18,702,751 " |
| for fertilizer | 1,798,650 " |
| for feeding animals | 5,323,650 " |

2. Transportation

| | |
|--|-------|
| 1. Average daily number of transportation operated | |
| a. Truck | 197 |
| b. Cattle-cart | 46 |
| c. Hand-cart | 1,009 |
| d. Barge | 45 |

2. Amount of fuel consumed

| | |
|-------------|--------------|
| a. Gasoline | 80,531 litre |
| b. Charcoal | 36,440 kg. |

3. Garbage disposed by spring general cleaning campaign

| | |
|--------------------------------|---------------|
| Total no. trucks used | — 168 |
| Total no. times they were used | 582 |
| Total no. laborers | — 947 |
| Amount of garbage removed | 2,113,950 kg. |

4. Inspection findings, esp. irregular ones and measures taken to correct them

a) In the regular conference at Tokyo Military Government on 22 June, the concerning official pointed out the unsatisfactory night-soil collection in Hachioji City and asked the Department to improve the state. Therefore officials were sent there to investigate and the measures for correction were taken.

In that city, the application of Filth Cleaning Law was postponed till 31 March this year. Before the application, night-soil had been collected by farmers and a private cleaning company which made contract with citizens voluntarily. From 1 April when the term expired, the city became responsible for collection. As there were some problems in designating contractors and in fixing the price for selling night-soil and as it happened the time was farming season, and to make the matter worse, as trucks of the private co. were out of orders and so forth, night-soil collection in some parts of the city was very deplorable. But the city tried hard to solve this problem, negotiating with the company. As the result, the city will be able to make a new contract with the co. soon and to fix the price of selling night-soil. The situation is gradually recovered to the normal state.

According to the new collection system of the city, there are 6,670 families covered by farmers and 2,300 families by contractors.

b) As the new interpretation of Food Sanitation Law on standard of approving food stalls was fixed, sanitary facilities have been needed for food stalls. Shinjuku Detachment of this Department has suggested some 1,000 stall-keepers around Shinjuku Station to improve their facilities. On 17 June the Detachment held the conference at Shinjuku ward Public Hall inviting around 100 representatives of stall-keepers with the presence of the concerning officials from Military Government, Water Bureau, Health Bureau, Construction Bureau and this Department etc. In that conference, this Department stressed on providing garbage box, benjo facilities etc.

Stall-keepers understood the points and they are improving their facilities.

5. Personnel and operational changes

a) Mitaka City of Kitatama-gun adjoins to Setagaya-ku, Suginami-ku and Musashino City. It has 6,200 houses, its population is 55,000 and it is possible the city may develop very rapidly in the future. The amount of garbage from the city increases day after day and it is serious from the environmental sanitation to leave the garbage collection to voluntary disposal by citizens as it is now. So it was decided to apply only garbage disposal of Filth Cleaning Law from 1 May on at the central part of the city. On 26 May this was announced to the public through Tokyo-to Notification.

Operational planning of garbage collection of the city is as follows:

- 1) No. houses to be covered 3,600
(excluding those which dispose themselves)
- 2) Daily amount of garbage
Refuse 655 kan
Garbage 256 "
- 3) Frequency of collection
Refuse — three times a month
Garbage — very day or every other day
according to the type of area
- 4) No. collectors 8
- 5) Method of collection and disposal

Refuse is sent to incinerating point by cattle or horse cart and is burnt; while garbage is sold to farmers and they utilize it to feed swine.

b) In order to prevent summer CD and to remove unsanitary places, Meguro Detachment of this Department, together with Ward Office and Health Center started visiting cleaning campaign on roads, ditches, reservoirs etc. in the Ward from 27 June to 17 August. As this campaign needs citizens' help, posters and leaflets are made to inform them.

To places where cleaned up, disinfectant solution will be sprayed for insect control.

c) Tokyo-to Committee of distributing night-soil to farmers that had been organized for the purpose of promoting smooth night-soil distribution was changed into Tokyo-to Conference concerning distribution of night soil to farmers on 29 March through Tokyo Notification. They held the first meeting on 13 June to discuss the quantity of night-soil to be distributed to farmers this year.

The following shows the quantities decided in the conference (The figures are the same as in night-soil collection planning of 1949)

| | | | |
|----------------|-------|-----|----------------|
| Tokyo-to | 1,778 | kl. | (daily amount) |
| Saitama Pref. | 1,566 | " | (") |
| Chiba " | 338 | " | (") |
| Kanagawa " | 222 | " | (") |
| Ibaragi " | 13 | " | (") |
| Seibu rail way | 6 | " | (") |
| Total | 3,923 | " | (") |

APM

Monthly Report of Sanitation Department
for May 1949

22 June 1949

1. Disposition

a) Night-soil

| | |
|--|--------------|
| 1) Total amount collected | 106,512.7 kl |
| by Tokyo-to Laborers | 29,048.4 " |
| by farmers | 52,588.1 " |
| by individual citizens | 24,876.2 " |
| 2) Total amount disposed finally | 105,290.4 " |
| Back to farming villages | 79,672.7 " |
| in Tokyo Pref. | 37,322.2 " |
| in Saitama " | 29,764.5 " |
| in Chiba " | 8,140.2 " |
| in Ibaragi " | 172.4 " |
| in Kanagawa " | 4,273.4 " |
| Disposed by citizens themselves | 24,876.2 " |
| Others | 741.5 " |
| 3) Transportation | |
| Hand-cart, cattle or horse cart, truck, barge and railway. | |

b) Garbage and trash

| | |
|---------------------------------------|----------------|
| 1) Total amount collected | 22,686,601 kg. |
| Refuse | 9,953,693 " |
| Garbage | 6,475,830 " |
| Mixed | 2,043,735 " |
| Piled garbage | 2,354,370 " |
| Garbage & debris on road | 149,212 " |
| Requested | 1,709,761 " |
| 2) Amount finally disposed (utilized) | 22,686,601 " |
| For filling-up | 15,377,251 " |
| for fertilizer | 1,941,638 " |
| For feeding animals | 5,367,712 " |

2. Transportation

1) Average daily number of transportation operated

| | |
|----------------|-----|
| a. Truck | 155 |
| b. Cattle-cart | 40 |
| c. Hand-cart | 965 |
| d. Barge | 47 |

2) Amount of fuel consumed

| | |
|--------------|----------------|
| a. Gasoline | 89,798 litre + |
| b. Charcoal | 47,277 kg. |
| c. Light oil | 3,070 litre |

3. Amount of piled garbage collected with the direction from Allied Forces

| | |
|--------------------------------|-------------|
| Total no. trucks used | 18 |
| Total no. times they were used | 42 |
| Total no. laborers | 90 |
| Amount collected | 129,750 kg. |

Amount of garbage removed during Spring general cleaning campaign.

| | |
|--------------------------------|------------------|
| Total no. trucks used | 766 |
| Total no. times they were used | 3,995 ✓ |
| Total no. laborers | 3830 |
| Amount collected | 12,206,060 kg. ✓ |

5. Inspection findings, especially irregular ones and measures taken to correct them

a) At the regular meeting in Tokyo Military Government on 18 May, the M.G. official pointed out that there was garbage left on the street in some areas after the cleaning campaign was over, and that collection was very poor. Therefore, the following measures were taken immediately to correct the situation.

In areas where the campaign is under way special teams (with 15 trucks all together) were made to be ready any time needed besides the trucks hired specially for the campaign. At the same time, laborers engaged in routine work were sent to help the program so that there would be no garbage left.

6. Personnel and operational changes

a) Country-wide cleaning and beautifying campaign was made for a week from 16 May in the whole country. In Tokyo-to publicity and education was stressed. As the campaign was made during the same time as general cleaning program, it was very successful.

1) Movable exhibit on street

The exhibit consisted of 20 pieces of posters on sanitation. (9 a.m. — 4 p.m.)

| Date | Place |
|---------------|---------------------------------------|
| 16 May (Mon.) | In front of Police box at Sukiyabashi |
| 17 " (Tues.) | Ueno |
| 18 " (Wed.) | Ikebukuro Station |
| 19 " (Thurs.) | Shinagawa Station |
| 20 " (Fri.) | Shimbashi Station |
| 21 " (Sat.) | Shinjuku Station |
| 22 " (Sun.) | Kaminarimon, Asakusa |

2) Paper play show on sanitation

(10 a.m. — 12 a.m. ; 1 p.m. — 3 p.m.)

| Date | Place |
|--------|---|
| 16 May | In front of Shimbashi Station, Asakusa Park |
| 17 " | " Kinshicho Station, Kamata Sta. |
| 18 " | " Shibuya Station, Asakusa Park |
| 19 " | " Nakaño Sta.; Ueno Park |
| 20 " | " Oimachi Sta.; Ikebukuro Sta. |
| 21 " | " Ueno Park; Shibuya Station |
| 22 " | " Ikebukuro Sta.; Shimbashi Sta. |

3) Publicity through loud-speaker

Publicity on sanitation, esp. the aim of the cleaning campaign was made through loud speaker in front of Yurakucho, Shimbashi, Gotanda, Shibuya, Kanda, Okachimachi, Utsuka, Itabashi, Ikebukuro, Shinjuku, and Tawara-ma Stations.

Besides, 28,800 copies of posters for the public places, 3,700 copies for trams and 400 pieces of slides were made and used for educational purpose.

b) Meeting of all the employees engaged in cleaning service which was planned to encourage and recreate such people was held from 1 p.m. of 17 May at Kanda Auditorium. About 2,500 employees gathered there. As guests there were Mr. Allen of Tokyo Military Government, Mr. Gasui, governor, vice-governor Dr. Yamada, Dr. Miki, Director of Public Health Bureau of Welfare Ministry and Mr. Morita, chairman of Health Committee of Tokyo Assembly etc. The meeting consisted in 1st part of commendation and 2nd part of entertainment and ended in success after 5 p.m. To those who were commended the governor

No. commended:

| | |
|--------------------|----|
| Tokyo-to laborers | 81 |
| Temporary laborers | 24 |
| farmer collectors | 45 |

c) As 8 garbage burning points were damaged during the war time and lost their function, garbage has long been disposed mostly by filling up marshy area. But this is very unsatisfactory from public health and this Department has been planning to restore these burning points. From the early part of this year, rebuilding of Kamata burning point was started and it is expected to be completed about 15 June so that the actual business may begin.

The following is its outline:

- 1) Location — 589, Haneda-honcho, Uta-Ku, Tokyo
- 2) Space — 24.7 acre
- 3) Type of incinerator — iwamoto style, type c, natural draught
- 4) No. incinerators — 4
- 5) Handling capacity — 45,000 kg (per 10 hours)

d) It is needless to say that the ideal way of disposing night-soil is by flush system. However, at present only 40,000 houses have flush system benjos, that is about only 6% of all the houses in Tokyo. Due to the lack of material and money there has been no increase of installing such benjos recently. But thinking of unsanitariness and inefficiency of collecting system benjos, this Department has decided to promote the making of flush benjos together with water bureau and construction bureau whatever difficulties we may have to meet with. As to its operational plan, Sewage Section of water bureau is now making it.

e) This Department handled sewage disposal from Allied Installations in accordance with JP no.3287 dated 8 March 1948. But the term of the above PD expired at the end of March this year and the work was temporarily continued till the end of May. After that the work is to be transferred to SPB according to new JPNS.

TOKYO METROPOLITAN GOVERNMENT

SANITATION DEPARTMENT
MONTHLY REPORT
for April 1949May 1949
SEISO JIGYOBU
T.M.O.

1. Disposition

a) Nightsoil

| | |
|---------------------------|--------------|
| 1) Total collected | 115,351.8 KL |
| By Tokyo-to operation | 31,711.1 " |
| By farmers | 56,562.9 " |
| By individual citizens | 27,077.8 " |
| 2) Total finally disposed | 112,403.6 " |
| Back to farming villages | 84,454.1 " |
| in Tokyo Pref. | 40,262.1 " |
| Saitama " | 33,467.5 " |
| Chiba " | 6,098.0 " |
| Ibaraki " | 226.8 " |
| Kanagawa " | 4,399.7 " |
| Disposed by citizens | 27,077.8 " |
| Others | 871.7 " |

3) Transportation

Hand cart, cattle cart, truck, barge and railroad.

b) Garbage and Trash

| | | |
|--------------------------------|---------------|---|
| 1) Total collected | 23,114,531 KG | - |
| Refuse | 10,514,828 " | |
| Garbage | 6,758,869 " | |
| Mixed | 2,334,694 " | |
| Piled trash | 1,842,187 " | |
| Trash & debris on road | 70,875 " | |
| Collected on contract | 1,593,078 " | |
| 2) Finally disposed (utilized) | 23,114,531 " | |
| Reclamation | 16,800,188 " | |
| Manured | 1,492,650 " | |
| Feeding cattle | 4,821,693 " | |

3) Transportation

Hand cart, cattle cart, truck, barge and railroad.

2. Transportation Equipment

1) Average daily number operating

| | |
|-------------|-----|
| Truck | 157 |
| Cattle cart | 44 |
| Hand cart | 823 |
| Barge | 49 |

2) Fuel consumed

| | |
|-----------|---------------|
| Gasoline | 66,695 Litres |
| Charcoal | 47,486 KG |
| Light oil | 3,100 Litres |

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3. Piled trash and debris collected, as directed by Occupation Forces

| | |
|---------------------------------|------------|
| Total no. of trucks operated | 30 |
| Total no. of trips by trucks | 49 |
| Total no. of operators attended | 150 |
| Total collected and disposed | 159,600 KG |

4. Inspection findings and measures taken to rectify them

a) Irregularities were recently perpetrated in Adachi Ward concerning distribution of the collected nightsoil. This was pointed out by TMGT officials concerned with proofs at the 5 April regular meeting held at TMGT.

On investigation, it was elicited that some employees attached to our Branch Office in the Ward had committed such irregular acts of urging such so-called colateral reward against the distribution of collected nightsoil, in the forms of some 'treatments' or of presents in the form of important foodstuffs, to be made to them by the farmers receiving nightsoil distributions. Two or three cases were found on investigation.

We summoned those employees and truck-drivers concerned (drivers are hired truck drivers) to this Office and strongly reprimanded them, warning that repetition of similar irregular acts will cause them a decisive action to be meted upon them. As a general measure, a written precaution against similar offence was circulated to all Branch and Sub-Branch Offices, as well as to the managements of contracting garages, so as to make the warnings well penetrated to all the subordinates and employees.

b) Regarding the unsatisfactory and unsanitary condition of disposal depots, owned and ran by the garbage and waste collectors for Occupation Force installations.

As the result of inspection carried out, the above was pointed out by TMGT officials concerned at 13 April regular meeting.

After investigations, this Office took following measures:

Summoning representatives of the contractors in question, Commes Co., Ltd., Gomi Gumi, Takane Seisakusho and Japan Materials Salvage Co., Ltd., this Office severely warned them to always maintain their disposal sheds a 100% clean and directed them to continue to cleanse bottles and other empty containers, as well as to undergo necessary sweeping and cleaning of the premises and sanitation by the application of DDT as often as necessary.

5. Plans on personnel arrangement and operations

A. Sanitary operations for 1949 official year are intended to be carried out as from the beginning of May in the line as undermentioned:

a) Principle

Classified collections going over the whole Tokyo area is deemed by all means necessary seen from

present aspect when things are on the road to rehabilitation. However, budgetary tightness again cripples this year in the line of necessary arrangement on personnel, materials and equipment. We are obliged to carry on our operations, paying attentions chiefly to the rehabilitation of main(important) points, as was in the last year.

Establishment of 'Model Areas' under supervision of our branch and sub-branch offices throughout the Metropolis is being planned. In these areas, sanitary operations will be carried out perfectly, in order to show and enlighten people's idea toward the enhancement of general sanitation and public health.

As for Classified Collection(i.e.- separate collection of kitchen garbage and other sundry trash from each house), approximately 70% of houses under our supervision will be put into this type of operation, and, thus, this Office aims at an improvement of sanitary cleaning and prevention of epidemics, in the endeavor of establishing a Metropolis of culture and a city for international tourists. Special attention was also centered on the maximum utilization of collected garbage and trash, so as to contribute toward the increased output of foodstuffs.

(a) Garbage disposal

In principle, daily collection to be strictly observed. Careful sorting of the collected garbage will be made, so as to improve the quality to meet for better utilization.

(b) Trash disposal

Persuade citizens to provide own trash boxes, each house respectively or one for several neighbouring houses jointly. When these are ready, regular collection will commence from such area where boxes are complete.

Before the trash boxes are ready, residents will be directed to dump trash at designated nearby points, to be collected regularly.

Citizens are strongly cautioned against deliberate dumping into open spaces or rivers, other than the designated points.

b) Operation Scheme

| | | |
|-------------------------------|------------------------|-------------------------------|
| No. of houses | | 831,810 houses |
| Classified collection | | 565,232 " |
| Mixed collection | | 265,269 " |
| Collection under contract | | 1,309 " |
| Daily output to be collected | | 848,929 KG |
| | <u>Output per day</u> | <u>Same per day per house</u> |
| Sundry trash | 375,338 KG | 663 Gr |
| Garbage | 280,613 " | 495 " |
| Mixed | 125,662 " | 473 " |
| Contract collect'n | 67,316 " | |
| Labor(proposed augmented to) | 1,062 persons(now 853) | |
| Allocations: For sundry trash | 463 persons | |
| garbage | 406 " | |

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| | |
|-----------------------|------------|
| mixed trash | 84 persons |
| contract collect'n | 50 " |
| reclamation operation | 59 " |

Work per head per day to be from 4 to 2 collections.

Reclamation work standard per head per day to be ~~112,500~~ KG.

11,250 kg

Transportation arrangement

| | |
|------------------------|----------|
| Trucks to be mobilized | 75 |
| Own trucks | 26 |
| Hired | 49 |
| cattle carts hired | 23 carts |

Budget

| | |
|------------------------|--------------------|
| Expenditure | Yen 276,484,480.00 |
| Direct expenditure | Yen 231,302,283.00 |
| Indirect | 45,182,197.00 |
| Income from operations | Yen 24,928,564.00 |

B. 1949 Spring Sweeping and Cleaning Drive

Planned in close contact with Epidemic Prevention, Prevention of Fires and Summer Prevention of Contagious Diseases. Decided to be carried out all-over the Metropolis, during the period 1 May - 8 June 1949, under following particulars:

| | |
|----------------------------------|------------------|
| No. of houses to operate | 831,810 houses |
| Expected total output to collect | 10,364,400 KG |
| Total no. of trucks to operate | 848 trucks |
| Total no. of labor to operate | 4,720 persons |
| Estimated expense | Yen 4,428,385.00 |

DAYS
MAN DAYS

To make this Drive known to citizens thoroughly, 820,000 handbills and 15,000 posters were prepared, canvassing to invite a full cooperation of citizens.

C. 1949 Nightsoil Disposal Operations

With following particulars, operations commenced on 1 May 1949.

a) Principle

In view of the fact that present situation does not yet permit the expansion of sewage system, and nightsoil disposal operations must be continued by means of collecting and returning it to nearby farming villages by distribution, for the most part.

However, a new tendency since last summer discouraged farmers to collect nightsoil in the Metropolis, in the face of the increasing manufacture of chemical fertilizer, coupled with the further decrease in the use of nightsoil as manure by residents' own home vegetable gardening, the latter which may be attributed to the better condition in the rationing of foodstuffs.

On the other hand, ever-increasing nightsoil output

page 5

accompanies as a natural sequence to the swift increase of population and total daily output of nightsoil is now estimated at 6,356 Kilo Litres, of which portion to be collected is estimated to reach 5,118 K Litres.

From the reason aforementioned, the total collected could not be distributed among farming villages like last year. Farmers do not distinguish themselves to collect it as manure but show a symptom of resigning from the collection one by one. Decrease of farmers' collection from the Metropolis makes this Office to directly attend to the collection, but even this is not in the position to be perfectly carried out in the face of a very limited budgetary allocation. Metropolitan finance does not permit such vast expense to defray increased equipment and operating hand. A minimum degree expansion was only possible and an alternative disposal planned will be 108 K Litres dumped into sewer mains and 72 K Litres dumped on high seas, yet the disposition for the most part is to be through the means of distributing among agrarian villages.

After all, the expansion of our direct operation due to the natural increase of output is inevitable, and it has been contemplated to work out suitable measure in the case of future resignation from collection by the farmers. Present plan is so framed to maintain an elasticity to cope with some unexpected situation, and our attention was centered to complementing existing equipment and facilities, including the increase in efficiency for operation and maintenance of high sanitary standard.

b) Operations Planned

| | |
|--|--------------------------|
| No. of houses to be operated | 755,890 houses |
| Direct collection | 216,912 " |
| Collection by farmers | 386,411 " |
| Disposed by residents | 152,567 " |
| Quantity to collect(per day) | 5,118 K L |
| Direct collection | 1,674 " |
| Collection by farmers | 2,429 " |
| Disposed by residents | 1,015 " |
| Quantity finally disposed | 5,118 " |
| Distributed to farming villages | 3,923 " |
| Disposed by own farms | 1,015 " |
| Dumped to sewer mains | 108 " |
| Dumped to high seas | 72 " |
| Distribution planned | |
| To farmers in Tokyo-to | 1,778 " |
| Saitama Pref. | 1,566 " |
| Chiba Pref. | 338 " |
| Kanagawa Pref. | 222 " |
| To others | 19 " |
| | <u>3,923 K L</u> |
| Transportation arrangement(Direct Operation) | |
| Trucks | 165 trucks 588 operators |
| Hand carts | 98 carts 98 " |

page 6

| | |
|------------------|--------------------|
| Budget estimates | |
| Expenditure | |
| Direct | Yen 437,837,178.00 |
| Indirect | 67,773,296.00 |
| Income | 531,567,360.00 |

D. All-Japan Sanitary Cleaning and Beautifying Drive

As mentioned in our last report, this movement has been decided to be carried out throughout the country for one week beginning 16 May 1949, under the sponsorship of the Welfare Ministry.

In joining the nation-wide drive, the Tokyo-to laid importance on the pervasion of sanitary thought among citizens, and took up functions for the week as under-mentioned.

May 1949

- 16 Mon Set as a Home Cleaning Day
Urging cooperation of citizens in the cleaning inside and outside of respective residence and applying disinfectant.
- 17 Tues Cleaning sewerage, gutters and rivers
See to smooth running of water, dredging and prevention of deliberate dumping of filth into river or canal.
- 18 Wed Day for cleaning streets and parks
See to thorough cleaning and complete disposal of rubbish.
- 19 Thurs Day for cleaning open spaces
Disposal of piled rubbish and debris, and prevention of deliberate dumping.
- 20 Fri Washing-Cleaning Day
Washing and cleaning of residences and dormitories.
- 21 Sat Cleaning public & utility establishments
Cleaning and sanitation of public offices, schools, theaters, public halls and other buildings and establishments.
- 22 Sun All-Metropolis drive against insects and rodents.

Publicity for the Drive

- 28,800 posters made to be posted at conspicuous places, drawing attention of citizens toward the penetration of the spirit of present drive, simultaneously aiming enhancement of general knowledge on sanitation. Besides, posters for tram cars will be made for Government Railway electric cars, city trams and company trams.
- Lantern Slide. 400 lantern slides to be distributed to movie houses in the Metropolis.
- Paper Theater. Paper theater sets specially made for the propaganda will tour streets to draw attention of younger generations.
- School Propaganda. Leaflets distributed among school children, and school authorities are asked to invite pupils' composition and picture work on the subject.
- Other propagandas. Through radio broadcasting, press and street-casting.

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Rally for Sanitary Operators.

Under the sponsorship of the Seiso Jigyobu, a rally of sanitary operators and employees regularly attending the sanitation service was scheduled to take place at the Kyoritsu Hall, Kanda, Chiyoda-ku, on 17 May 1949, from at 1 p.m.

Presentation of official commendations accompanied by some presents, to approximately 100 operators, who distinguished in their work in the past, will be made. A few amusement numbers will then be staged for the comfort, in the meaning of providing relaxation against their contribution to the public sanitation.

ARU

Monthly Report of Sanitation Department
for March 1949

April, 1949

1. Disposition

a) Night-soil

| | | | |
|----------------------------------|--------------|---------|---------|
| 1) Total amount collected | 115,976,9 kl | 20.8 Lt | 24.9 Lt |
| By Tokyo-to Laborers | 32,410,9 " | | |
| By farmers | 56,515,4 " | | |
| By individual citizens | 27,050,6 " | | |
| 2) Total amount disposed finally | 112,487,7 " | | |
| Back to farming villages | 85,053,7 " | | |
| in Tokyo Pref. | 40,322,0 " | | |
| in Saitama " | 31,813,2 " | | |
| in Chiba " | 8,151,8 " | | |
| in Ibaraki " | 345,2 " | | |
| in Kanagawa " | 4,421,5 " | | |
| Disposed by citizens themselves | 27,050,6 " | | |
| Others | 383,4 " | | |

3) Transportation

Hand-cart, cattle or horse cart, truck, barge and railway.

b) Garbage and trash

| | | | |
|---------------------------------------|----------------|--------|---------|
| 1) Total amount collected | 23,812,838 kg. | 4.2 kg | 5.97 kg |
| Refuse | 10,829,370 " | | |
| Garbage | 6,943,163 " | | |
| Mixed | 2,154,919 " | | |
| Piled garbage | 1,697,228 " | | |
| Garbage & debris on road | 659,280 " | | |
| Requested | 1,528,878 " | | |
| 2) Amount finally disposed (utilized) | 23,812,838 kg. | | |
| For filling-up | 16,655,588 " | | |
| For fertilizer | 1,893,488 " | | |
| For feeding animals | 5,263,762 " | | |

2. Transportation

1) Average daily number of transportation operated

| | |
|----------------|-----|
| a. Truck | 150 |
| b. Cattle-cart | 44 |
| c. Hand-cart | 772 |
| d. Barge | 41 |

2) Amount of fuel consumed

| | |
|-------------|--------------|
| a. Gasoline | 69,438 litre |
| b. Charcoal | 49,799 kg. |

3. Amount of piled garbage collected with the direction from Allied Forces

| | |
|--------------------------------|-------------|
| Total no. trucks used | 25 |
| Total no. times they were used | 60 |
| Total no. laborers | 125 |
| Amount collected | 188,700 kg. |

4. Inspection findings, esp. irregular ones and measures taken to correct them

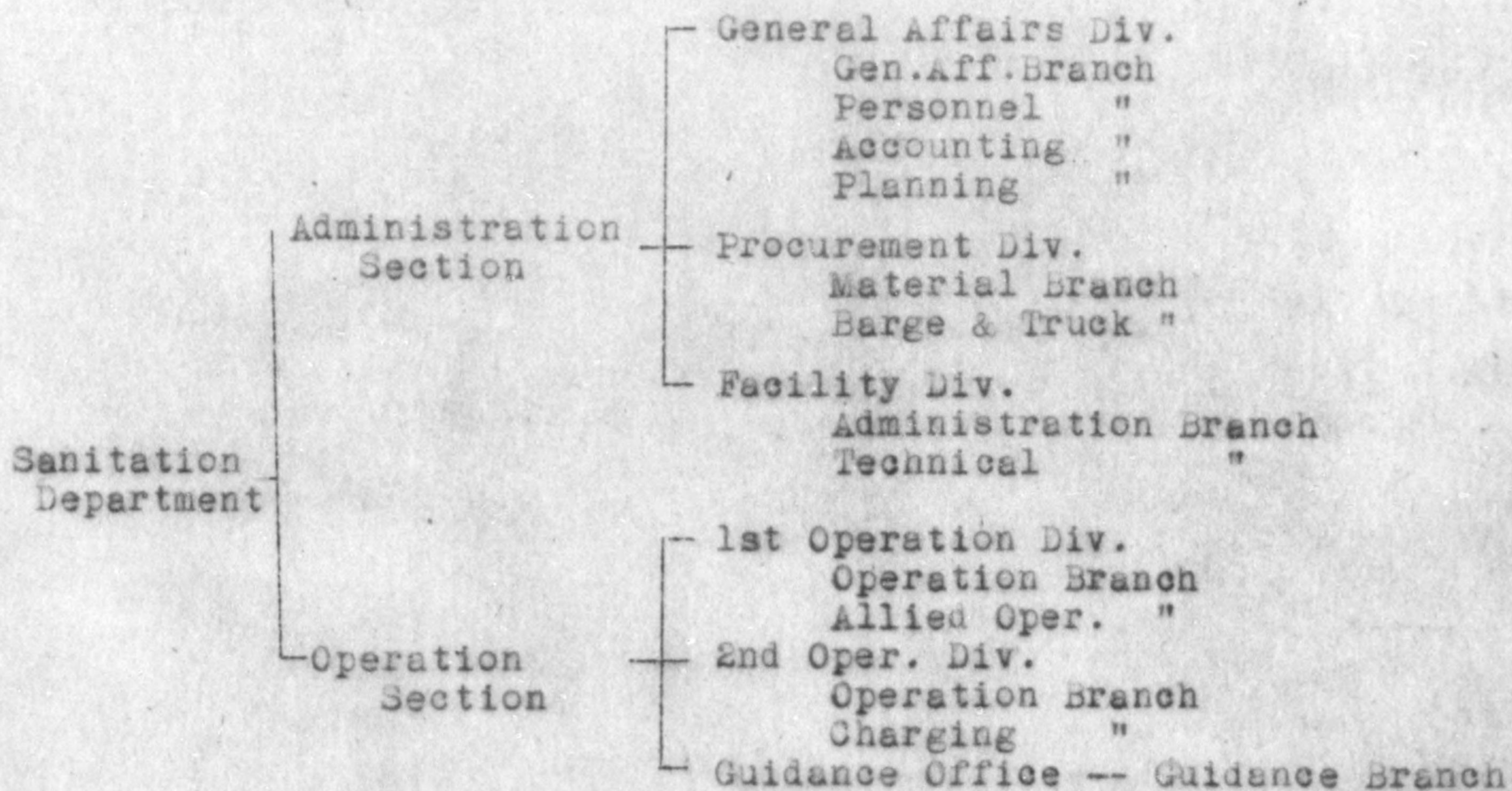
(a) At the regular meeting at Tokyo Military Government on 2 March, concerning official of MG pointed out that cleaning after garbage is collected was very unsatisfactory. Investigation of this Department disclosed that the contractor, Nippon Kosei Shizai Co. was rendering very poor collection work. So we called the representative of that company, explained the actual condition, called strictly his attention to the importance of cleaning which is the first aim of garbage and waste collection work, and ordered to make all his employees work harder so that they would not get the similar warning once more.

A letter of the similar purpose was sent to every contractor to call his attention.

5. Personnel and operational changes

(a) Base of the fundamental cleaning administration lies upon the Filth-Cleaning Law. In this law "filth" is determined to include garbage, cinders, sludge, sewer and night-soil. But up to now Scavenger Section handled only garbage, night-soil and ashes and cinders (the last one is stopped now), and others were handled by Reconstruction Bureau or Water Bureau.

However, the problem of city cleaning has become very important and urgent. Welfare Minister made the inspection on cleaning service in Tokyo. Emergency measure for improving environmental sanitation work was decided in the Cabinet conference. Thus Central Government has come to help this work actively. At this time this big cleaning work of Tokyo that has a great amount of budget around ¥800,000,000, about 3,100 employees, 250 vehicles and 80 barges can hardly be handled well by a mere section of a bureau. Combining road cleaning, river cleaning and sewer cleaning under one head, here new Department of Sanitation was born on 8 March. Its organization is shown below:



(b) The following is the list of major personnel of the new Department

| New post | Name | Former post |
|------------------------------|--------------------|---|
| Chief of San.Dept. | Den Mori | Chief, Gen. Aff. Sec., Health Bureau |
| Chief Adm. Sec. | Jin Toru | Chief, Gen. Aff. Div. G. A. Sec. Water Bureau |
| Chief of Oper. Sec. | Tatsujiro Saito | Chief, Adm. Div. Maintenance Sec. Traffic Bureau |
| Chief of Gen. Aff. Div. | Hideo Ishibashi | same |
| Chief of Procur. Div. | Shojiro Yamaguchi | same |
| Chief of Facility Div. | Shojiro Yamaguchi | |
| Chief of 1st Oper. Div. | Takuzo Umezawa | Chief of Daito Scav. Detachment |
| Chief of 2nd " | Kaisaku Kasai | same |
| Chief of guidance office | Tatsujiro Saito | |
| Chief of Gen. Aff. Branch | K. Okada | same |
| Chief of Personnel Bra. | K. Umeuchi | " |
| Chief of Accounting B. | K. Hasegawa | Accounting B. |
| Chief of Planning B. | T. Miyao | same |
| Chief of Material B. | T. Fujii | " |
| Chief of Barge & Truck B. | T. Wakabayashi | " |
| Chief of Adm. B. | K. Aoshika | Facility B. |
| Chief of Technical B. | | |
| Chief of 1st Oper. Br. | G. Takahashi | same |
| Chief of Allied Oper. B. | M. Kajiyama | Personnel B. |
| Chief of Charging B. | M. Ishida | " |
| Chief of 2nd Oper. B. | Y. Kawasaki | same |
| Chief of Guidance B. | S. Asano | Gen. Aff. B. |

(c) The budget of annual expenditure and income of this Department for the fiscal year of 1949 which was presented in the first Tokyo-to Assembly meeting was approved as drafted on 29 March.

Annual income ¥356,495,924

Annual expenditure ¥782,094,254

Details were reported in last month's report.

(d) Regulations concerning the charging for night-soil collection that had been deliberated by Tokyo-to Assembly from the end of last year was passed as drafted on 16 March. It was decided it would be put into practice from 15 April as follows:

1. Date to start: 15 April (But the first 15 days are made free service time and charging will be started actually from 1 May.)

2. Fee
(10 yen per a bucket (capacity-about 36 litre))

3. Method

People in Tokyo buy collecting tickets in advance at collecting ticket points which are handled by tobacco retailer's or stamp seller's, and when night soil is collected they give tickets to collectors in accordance with the amount collected.

4. Exemption and reduction of fee

Those who get housing relief by Daily Life Security Law are exempted from paying fee for collection. To those who hold social work or other work for public benefits and who are approved by Tokyo-to Governor fee is reduced to half.

- (e) When the regulations concerning the charging for night-soil collection was passed, the collateral decision was made to set up proper committee by each ward for deliberating on the areas that regulations can be applied and cannot be applied and so forth. The Department planned to have a conference in each ward explaining the night-soil situation and expecting a smooth execution of the regulations. The following is the list of those invited and representatives of the Dept:

a) Those invited

Mayor of ward, vice-mayor, branch chief, chairman and vice-chairman of ward assembly Head of Ward Health Committee, members of Tokyo-to Assembly from that ward, Health Center director, one representative of "Minsei-in", representatives of farmers.

b) From Tokyo-to

Chief of Sanitation dept., some Section chiefs and Division chiefs of the Dept. Chief of Ward Scav.Sec.

Schedule

| | | |
|----|-------|-----------------------------------|
| 23 | March | Chuo-Ku |
| 31 | " | Daito-Ku |
| 1 | April | Adachi-Ku, Shinjuku-Ku |
| 2 | " | Ota-Ku, Setagaya-Ku, Shinagawa-Ku |
| 4 | " | Koto-Ku |
| 5 | " | Suginami-Ku, Neko-Ku |
| 6 | " | Itabashi-Ku, Nerima-Ku |
| 7 | " | Kita-Ku, Toshima-Ku |
| 8 | " | Bunkyo-Ku, Edogawa-Ku |
| 9 | " | Arakawa-Ku, Meguro-Ku |
| 11 | " | Katsushika-Ku |
| 12 | " | Shibuya-Ku |
| 13 | " | Chiyoda-Ku |

This charging program was publicized through leaflet (600,000 copies—one piece will be distributed to each house), poster (around 20,000 pieces to be raised up in trams, railway stations, bulletin-boards), newspaper, radio, station loud-speaker etc.

- (f) Based on the principles of "Outline of urgent measures concerning improvement and raising-up of environmental sanitation" that was decided at Cabinet conference, cleaning and beautifying campaign is planned all over the country. Its outline is as follows:

1. Name: Whole-country cleaning and beautifying drive
2. Sponsorship: Welfare Ministry, prefecture, city, town, village
3. Supporter: City Cleaning Corporation
4. Period: 16 — 22 May
5. Schedule

| | |
|----------------|----------------------------------|
| 16 May (Mon.) | Home cleaning day |
| 17 May (Tues.) | Washing day |
| 18 May (Wed.) | Ditch, river cleaning day |
| 19 " (Thur.) | Park, road cleaning day |
| 20 " (Fri.) | Insect and rodent control day |
| 21 " (Sat.) | Public installation cleaning day |
| 22 " (Sun.) | Vacant land cleaning day |

6. Publicity

Talk over radio, through newspaper, poster, slide, exhibition, educational program, publicity on truck and barge.

As to details, they will be decided in a conference.

- (g) As the business concerning the charging of night-soil collection will be increased in volume, the budget to increase 65 sanitary inspectors and 80 clerks has been approved. So the collection of applicants was made in the early part of March. There were 114 men and 57 women applicants. Examination both oral and writing was made on 30 March. Papers are now being seen.

6. Comment on environmental sanitation

- (a) Central Government has come to work actively to improve the poor environmental sanitation situation all over the country. And the outline of urgent measures for improving environmental sanitation was decided in Cabinet conference on 22 February 1949.

1. Purpose

The purpose of this program is to clean and beautify damaged cities, make healthy and bright surroundings for living, and thereby promote people's desire to work and contribute to the reconstruction of our country.

2. Principle

Cleaning of cities, sanitary disposal of filth, and providing of necessary facilities, instrument and personnel are tried.

This program will be started as soon as public enterprise giving priority to big cities and war-damaged cities, and will be finished after 5 years.

3. Measures

1) Strengthening of cleaning activity

Disposal of piled garbage, debris etc., cleaning of road, park and other public places and keeping of these places clean.

2) Improving of sanitary facilities

Repairing and making of public lavatory, public garbage box, filth handling point, filth burning-up point, filth transportation, sewage system etc.

4. Expense

Expense necessary for this activity will be paid by city and Central Government will subsidize for it.

Monthly Report of Scavenge Section
for February 1949

16 March 1949

1. Disposition

a) Night-soil

| | | |
|----------------------------------|-----------|----|
| 1) Total amount collected | 112,097.6 | kl |
| By Tokyo-to laborers | 28,538.5 | " |
| By farmers | 56,327.9 | " |
| By individual citizens | 27,231.2 | " |
| 2) Total amount disposed finally | 109,183.0 | kl |
| Back to farming villages | 81,156.8 | " |
| in Tokyo Pref. | 36,880.4 | " |
| in Saitama Pref. | 32,593.4 | " |
| in Chiba " | 6,830.3 | " |
| in Ibaragi " | 189.4 | " |
| in Kanagawa " | 4,663.3 | " |
| Disposed by citizens themselves | 27,231.2 | " |
| Others | 795.0 | " |

3) Transportation

Hand-cart, cattle or horse cart, truck, barge and railway

b) Garbage and trash

| | | |
|---------------------------------------|------------|----|
| 1) Total amount collected | 22,373,475 | kg |
| Refuse | 9,286,320 | " |
| Garbage | 6,488,445 | " |
| Mixed | 1,785,560 | " |
| Filed garbage | 2,566,125 | " |
| Garbage & debris on road | 801,075 | " |
| Requested | 1,465,950 | " |
| 2) Amount finally disposed (utilized) | 22,373,475 | " |
| For filling-up | 15,977,663 | " |
| For fertilizer | 1,422,750 | " |
| For feeding animals | 4,973,062 | " |

2. Transportation

1) Average daily number of transportation operated

| | |
|----------------|-----|
| a. Truck | 149 |
| b. Cattle-cart | 41 |
| c. Hand-cart | 756 |
| d. Barge | 9 |

2) Amount of fuel consumed

| | |
|-------------|--------------|
| a. Gasoline | 69,778 litre |
| b. Charcoal | 45,908 kg |

3. Amount of piled garbage collected with the direction from Allied Forces

| | |
|--------------------------------|------------|
| Total no. trucks used | 23 |
| Total no. times they were used | 48 |
| Total no. laborers | 115 |
| Amount collected | 172,913 kg |

4. Inspection findings, esp. irregular ones and measures taken to correct them.

- a) Concerning spontaneous combustion caused by methane gas in 2nd Chogo Garbage Disposal Plant that was pointed out by Economic Section of Tokyo Military Government on 17 Feb., the following corrective measures were taken.

Officials were immediately sent for the investigation. As they found the complete extinguishing of fire was impossible, sending in of garbage was stopped as a temporary measure. Coal cinders were put all over the plant area to prevent the spreading of fire.

By this measure we got the understanding of MG in outline but, in case it is incomplete, secondary measure will be taken.

- b) This Section has asked contractors to submit the report on income and expenditure of the disposition service of Allied Garbage and waste materials, but the reports we got were considered valueless as data. Lately, however, with the direction from Construction Ministry, the report form was changed. Taking this opportunity, this Section also changed its report form so that services and their income and expenditure would be clearly shown on paper. Through the method of making them submit more accurate data, we are trying to have good management of this disposal program.

The report by this new form will be asked to submit back from the month of last January.

5. Personnel and operational changes

- a) To correct unsmooth disposition of night-soil, this Section has made a series of plans such as establishing of disposal plant, dumping into sewage system, making of man-holes etc. and we are expecting smooth disposition in the future. In order to get the accurate information of actual receiving situation of night-soil in farming villages and also to make the data for making proper disposal planning, the survey on the following items will be made and the data will be submitted from each agricultural co-operative society. The survey is made only in the farming villages within the distance of 40 km radius where making night-soil into fertilizer is fairly easy.

Items to be surveyed:

- 1) No. houses and population in a town or village.
- 2) No. farm-houses and no. farm houses that utilize night-soil.
- 3) Space of cultivated land and space of land that can receive night-soil.
- 4) Space of land by type of major products and estimated amount of night-soil that can be received.
- 5) Proper amount of demand
- 6) Utilizing situation of night-soil
Amount, where it is got or where it is collected.
- 7) Farmer's share in the expense
Price for buying or cost for collecting

- 8) Way of transportation
- 9) Approximate distance from central Tokyo
- 10) Cost of fertilizer consumed in a year
- 11) No. of reservoirs and their capacity
- 12) Other references

b) As to the budget for the fiscal year of 1949 that is from 1 April, the skelton budget was presented to the local Congress that held the session from 28 Feb. and is now under discussion. The budget for the Scavenger Section is as follows:

| | |
|--------------------------|--------------|
| Annual reveue | ¥356,495,924 |
| Rent and charge | ¥243,764,476 |
| Miscellaneous income | ¥112,731,448 |
| Annual expenditure | ¥782,094,954 |
| For personnel | ¥333,986,516 |
| For services | ¥448,108,438 |
| 1) For business | 31,664,164 |
| 2) For gabage collection | 105,106,023 |

Explanation

| | |
|---|----------------|
| 1. No.houses to be collected | 830,544 |
| 2. Amount to be collected in a day | 795,476 kg |
| 3. Amount to be transported (daily average) | 795,476 " |
| Truck Tokyo-to's | 22 152,460 " |
| Hired | 36 388,080 " |
| Cattle-cart (hired)- | 25 65,625 " |
| Hand-cart | 1010 189,311 " |
| Barge (Tokyo-to's) - | 33 87,525 " |
| 4. Finally disposed (daily average) | 795,476 " |
| Feeding animals | 179,130 " |
| Fertilizer | 52,500 " |
| Filling-up of sea | 115,500 " |
| Filling-up | 447,346 " |

3) For night-soil collection ¥311,338,252

Explanation

| | |
|--|------------------------|
| 1. No.houses to be collected | |
| By Tokyo-to direct service | 292,354 |
| By farmers | 380,987 <i>613,441</i> |
| 2. Amount to be collected in a day | |
| Tokyo-to | 1,822 kl |
| Farmers- | 2,218 " |
| 3. Amount to be transported(daily average) | 4,040 kl |
| Truck Tokyo-to's-21 | 205 kl |
| Hired. -- | 147 1,427 " |
| Rear-car | 778 190 " |
| Farmers' collection | 2,218 " |
| 4. Finally disposed (daily average) | 4,040 kl |
| a. Back to farming villages | 3,860 " |
| Tokyo Pref. | 1,679 " |
| Saitama " | 1,492 " |
| Kanagawa " | 1,256 " |
| Chiba " | 415 " |
| Ibaragi " | 18 " |

| | |
|------------------------|--------|
| b. Special disposition | 180 kl |
| Dumping into ocean | 72 " |
| Dumping into sewage | 108 " |

c) As to the emergency removal of piled garbage from places pointed out by MG that was begun from 4 December, during this month, about 172,913 kg of garbage was disposed with total no. of 23 trucks and 115 laborers.

d) Visiting course by Sgt. Jardee from Public Health Section of MG was given as follows during February and all the wards were covered.

| | |
|---------|-----------------------------|
| 1 Feb. | Shinagawa, Ota, Kamata |
| 3 Feb. | Chuo, Nihombashi, Minato |
| 7 Feb. | Bunkyo, Hongo |
| 9 Feb. | Toshima, Itabashi, Nerima |
| 11 Feb. | Nakano, Suginami |
| 15 Feb. | Arakawa, Adachi |
| 17 Feb. | Kita, Takinogawa |
| 21 Feb. | Koto, Honji, Joto |
| 23 Feb. | Meguro, Ebara, Setagaya |
| 25 Feb. | Sumida, Katsushika, Edogawa |

e) It was planned to hire 320 laborers every month from last December as a program for saving the jobless (total no. till the end of March is 26,946) for the service of garbage collection and street cleaning. But as the budget for hiring such laborers in the year was cut ¥1,136,250 out of the ¥6,817,500, the no. that can be hired during March comes down to about 215.

ARM

12 February 1949

Monthly Report of Scavenger Section
for January 1949

1. Disposition

a) Night-soil

| | | |
|----------------------------------|-----------|----|
| 1) Total amount collected | 112,317.4 | kl |
| By Tokyo-to collectors | 28,761.3 | " |
| By farmers | 56,780.8 | " |
| By individual citizens | 26,775.3 | " |
| 2) Total amount disposed finally | 109,909.8 | " |
| Back to farming villages | 82,518.2 | " |
| in Tokyo Prefecture | 37,617.2 | " |
| in Saitama " | 32,334.2 | " |
| in Chiba " | 8,088.1 | " |
| in Ibaragi " | 470.9 | " |
| IN Kanagawa " | 4,007.8 | " |
| Disposed by citizens themselves | 26,775.3 | " |
| Others | 616.3 | " |

3) Transportation

By hand-cart, cattle or horse cart, truck, barge and railway

b) Garbage and trash

| | | |
|---------------------------------------|------------|----|
| 1) Total amount collected | 21,642,413 | kg |
| Refuse | 8,909,753 | " |
| Garbage | 6,354,990 | " |
| Mixed | 1,807,508 | " |
| Piled garbage | 2,457,862 | " |
| Garbage & debris on road | 684,450 | " |
| Requested | 1,427,850 | " |
| 2) Amount finally disposed (utilized) | 21,642,413 | " |
| For filling-up | 15,523,425 | " |
| For fertilizer | 1,280,738 | " |
| For feeding animals | 4,838,250 | " |

3) Transportation

By hand-cart, cattle or horse cart, barge and truck

2. Transportation

1) Average daily number of transportation operated
(Tokyo-to operation only)

| | | |
|-------------------------|-----|--|
| a. Truck | 158 | |
| b. Cattle or horse cart | 46 | |
| c. Hand-cart | 718 | |
| d. Barge | 10 | |

2) Amount of fuel consumed

| | | |
|--------------|--------|-------|
| a. Gasoline | 71,710 | litre |
| b. Charcoal | 46,448 | kg |
| c. Light oil | 2,687 | litre |

3. Amount of piled garbage collected with the direction from
Allied Forces

| | |
|-------------------------------|---------------|
| Total no. trucks used | 165 |
| Total no. times they are used | 477 |
| Total no. laborers | 825 |
| Amount collected | 1,598,663 kg. |

4. Inspection findings, esp. irregular ones and measures taken to correct them.

a) Garbage collection, esp. removal of piled garbage and stoppage of dumping garbage has been what this Section bent on and tried to improve. Tokyo Military Government has also had great interest in this, and sent Sgt. Jardee to scavenger detachments and branch offices to give inspectors instructions on their work, explaining the important part of cleaning work in public health program, pointing out the following definite items, wishing them better and harder work, and thus he gave key-points for the future inspection activity.

This kind of course is continued in February at various places.

| | |
|---------|-----------------------------|
| 25 Jan. | Chiyoda, Kojimachi |
| 26 Jan. | Daito, Asakusa |
| 27 Jan. | Shibuya, Akasaka, Azabu |
| 28 Jan. | Shinjuku, Yotsuya, Ushigome |

1. Correction of lack of cooperation between government and citizens.
2. Providing of garbage container.
3. Prevention of dumping garbage into river, vacant land etc.
4. Uniformity of visiting collection.
5. Precautions on writing in work diary.

b) When a Military Gov't official inspected Shiozakicho disposal plant, short quantity of load on truck was pointed out. So this Section took the following step to correct it. As this seemed to be caused by indiscretion of some laborers, the Section made inspectors sent from the central office check closely those trucks that came into that plant. At the same time, the official letter calling their attention to all the chiefs of detachments and branch offices, and these chiefs were asked to pass on the intention of the Section to all the personnel under them.

c) Night-soil collection in the district of Shinjuku scavenge detachment was done by four teams. But after last summer when night-soil disposition began to be difficult they had to send night-soil to farming villages far away, because sending it to Jogi Reservoir was stopped. So trucks were temporarily added to solve the pressing problem. But as new houses which need night-soil collection are increasing, they can not depend just on temporary addition of trucks for long which is also difficult. It is therefore, decided to change the initial plan and have five teams with 25 laborers instead of four with 20 people.

With the same reason as above, the operational plan in the district of Nakamura scavenge detachment has been changed and two more trucks were added to six for the collection of night-soil in the district.

5. Personnel and operational changes

a) Establishing of purifying plant has been planned as a permanent disposal measure for solving the unsmooth disposition of night-soil. The Section is applying to Welfare Ministry for national subsidy and allocation of materials. As soon as we can expect their help, the Section will arrange to get budget. The outline of the plan is as follows:

- 1) Place of establishing
In the compound of Sunamachi Sewage Plant, (Sewage Section) 9-chome, Minami-sunamachi, Koto-ku, Tokyo
- 2) Quantity to be handled
1,800 kilo-litre a day
- 3) Regulating tank 1
Inside diameter: 22 meter
Available depth: 4.75 meter
Available capacity: 1,800 kilo-litre (with agitator)
- 4) Digestion tanks 20
Inside diameter 25 meter
Available depth 6-11.8 meter
Double-style round digestion tank
With heating apparatus and scum-breaker
Available capacity per a tank 3,250 cubic meter
Total available capacity of 20 tanks 65,000 cubic meter
Nominal days for digestion — 30 days
- 5) Drying bed
Sand bed for drying under the sun, partially roofed.
Total space 40,000 square meter
- 6) Gas tanks (4)
Capacity per a tank 1,000 cubic meter (1,000 ton)
- 7) Estimated money needed ¥550,000,000

b) As one of unemployment saving program reported before, 197 laborers worked for garbage collection and street cleaning during January as follows:

| Type | No. laborers | Total no. laborers during a month (stretched in a day) | Amount collected |
|-----------------|--------------|--|------------------|
| Refuse | 40 | 230 | 149,960 kg. |
| Mixed | 3 | 20 | 13,040 " |
| Piled garbage | 19 | 179 | 116,708 " |
| Street cleaning | 135 | 1,049 | 684,450 " |
| Total | 197 | 1,478 | 946,158 " |

c) Concerning the removal of piled garbage from places which were pointed out by Tokyo M.G. starting from 4 Dec., special teams from central office were organized and removed about 1,598,663 kg. of garbage with 165 trucks and 825 laborers (these figures are those stretched in a day).

14 January 1949

Monthly Report of Scavenger Section
for December 1948

1. Disposition

a) Night-soil

| | | |
|----------------------------------|-----------|----|
| 1) Total amount collected | 115,651.9 | kl |
| By Tokyo-to collectors | 32,789.9 | " |
| By farmers | 56,213.3 | " |
| By individual citizens | 26,648.7 | " |
| 2) Total amount disposed finally | 113,802.6 | " |
| Back to farmers | 86,764.6 | " |
| in Tokyo Prefecture | 40,510.4 | " |
| in Saitama Pref. | 33,941.3 | " |
| in Chiba " | 7,505.5 | " |
| in Ibaragi " | 410.0 | " |
| in Kanagawa " | 4,397.4 | " |
| Disposed by citizens themselves | 26,648.7 | " |
| Others | 389.3 | " |

3) Transportation

By hand-cart, cattle or horse cart, truck, barge and railway

b) Garbage and trash

| | | |
|---------------------------|------------|----|
| 1) Total amount collected | 23,200,410 | kg |
| Refuse | 9,819,225 | " |
| Garbage | 6,965,115 | " |
| Mixed | 2,048,408 | " |
| Piled garbage | 2,622,806 | " |
| Garbage & debris on road | 171,412 | " |
| Requested | 1,573,444 | " |

2) Amount finally disposed (UTILIZED)

| | | |
|---------------------|------------|---|
| For filling-up | 23,200,410 | " |
| For fertilizer | 16,300,860 | " |
| For feeding animals | 1,589,438 | " |
| For feeding animals | 5,310,112 | " |

3) Transportation

By hand cart, cattle or horse cart, barge and truck

2. Transportation

1) Average daily number of transportation operated
(Tokyo-to operation only)

| | |
|--------------------|-----|
| a. Truck | 144 |
| b. Cattle or horse | 45 |
| c. Hand-cart | 648 |
| d. Barge | 25 |

2) Amount of fuel consumed

| | | |
|-------------|----------|-------|
| a. Gasoline | 82,129.7 | litre |
| b. Charcoal | 52,887.0 | kg |

3. Amount of garbage collected with the direction from Allied Forces

| | |
|-------------------------------------|-------------|
| Total number of trucks used | 45 |
| Total number of times they are used | 102 |
| Total no. of laborers | 225 |
| Amount collected | 367,200 kg. |

4. Amount of garbage collected by year-end removal program

| | |
|----------------------------------|---------------|
| Total no. of trucks used | 148 |
| Total no. times of they are used | 506 |
| Total no. laborers | 725 |
| Amount garbage collected | 1,718,700 kg. |

5. Inspection findings, esp. irregular ones and measures taken to correct them

a) Concerning the dumping of garbage in vacant lands in Tokyo that was pointed out at the regular meeting of MG, this Section has regretted this greatly and has tried to stop it. Stimulated further by this mentioning, signs telling the following were made and put at the places pointed out by MG and places where dumping was expected to be made:

"No dumping garbage or rubbish by order of the Director of Public Health Bureau. Violators will be severely punished.
Tokyo Metropolitan Office, Metropolitan Police Board"

As to the removal of piled garbage pointed out, special teams of this Section were organized from 4 December and they removed about 367,200 kg. of garbage with the total number of 45 trucks and 225 labourers.

b) Continued from the above operation, special teams were organized in order to collect lots of garbage expected to come out at the end of the year. They worked from 15th to 30th Dec. and collected about 1,718,700kg. of garbage with the total number of 148 trucks and 725 labourers.

6. Personnel and operational plans

a) Charging of night-soil collection has been tried by this Section to carry out. It is decided informally to start this from 1 March 1949 in order to relieve somewhat the huge money necessary for scavenger activities and to contribute for improving facilities. The Section made the tentative regulations on this and presented it to Local Assembly meeting at the end of Dec. The decision of this question was deferred to next meeting after the new year for serious study and further discussion. If this carried out, Tokyo-to will get the income of ¥250,000,000 all through a year.

b) It has been decided to repair Ayase Plant and to establish 6 points for dumping into sewage as permanent and temporary measures for night-soil disposition. The Section is going to request the additional budget of about ¥4,000,000 (one fifth of the whole expense of ¥18,000,000) for repairing Ayase Plant. In parallel with this, the repair of drainage-pump has already been started. As to the establishment of dumping points into sewage, it needs about ¥3,000,000 but this will come from the budget the Section already has. Concerning the point in Miyanaka Park in Toshima-Ku, specifications are now being made. As to the point in the ground of Okubo Hospital in Shinjuku-ku, the Section is now negotiating about the land.

c) As a program for saving the unemployed, it was decided to use total number of 26,946 day laborers until the end of March for garbage collection and street cleaning. The following chart shows how many day laborers are assigned to each detachment and branch a day.

| Name of detachment | No. laborers | Name of detachment | No. laborers |
|--------------------|--------------|--------------------|--------------|
| Chiyoda | 10 | Kojimachi | 10 |
| Chuo | 10 | Nihombashi | 10 |
| Minato | 15 | Azabu | 5 |
| Akesaka | 3 | Shinjuku | 10 |
| Yotsuya | 5 | Ushigome | 3 |
| Bunkyo | 6 | Hongo | 10 |
| Daito | 18 | Asakusa | 8 |
| Sumida | 8 | Honjo | 5 |
| Koto | 5 | Joto | 5 |
| Shinagawa | 10 | Ebara | 5 |
| Ota | 7 | Kameta | 8 |
| Kita | 8 | Takinogawa | 5 |
| Meguro | 6 | Setagaya | 5 |
| Shibuya | 10 | Nakano | 5 |
| Suginami | 8 | Toshima | 3 |
| Arakawa | 3 | Itabashi | 8 |
| Nerima | 3 | Adachi | 5 |
| Katsushika | 5 | Edogawa | 3 |
| Fukagawa | 15 | Total | 268 |

7. Environmental sanitation

a) On 7 Dec. the Section called all the chiefs of Scavenge detachments in Chuo Health Center and showed the film "This town and that town" prepared by this Section for the purpose of popularizing the idea of environmental sanitation. At that time Military Government kindly showed us the American film on "Clean Water." This gives us a glimpse of scavenger work in United States and it was very effective to us.

WP

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Monthly report on actual results of scavenge work during December 1946

Scavenge Section

I. Disposition of garbage and refuse

1. Collection

| Work | Miscellaneous | | Kitchen | | Mixed | |
|----------------|---------------|-----------|-----------|-----------|-----------|-----------|
| | No houses | Quantity | No houses | Quantity | No houses | Quantity |
| General | 191,893 | 1,995,042 | 367,527 | 4,906,628 | 48,583 | 666,772 |
| Asked | 201 | 479,283 | 53 | 76,770 | 49 | 187,046 |
| Allied Forces | 22 | 376,612 | 33 | 55,695 | 7 | 130,252 |
| Heaped garbage | | | | | 1,669 | 3,634,365 |
| Total | 192,116 | 2,850,937 | 367,613 | 5,039,093 | 50,308 | 4,618,435 |

| Work | Ashes | | Total | |
|----------------|-----------|----------|-----------|------------|
| | No houses | Quantity | No houses | Quantity |
| General | | | 608,003 | 7,568,442 |
| Asked | | | 303 | 743,099 |
| Allied Forces | 4 | 19,125 | 66 | 581,684 |
| Heaped Garbage | | | 1,669 | 3,634,365 |
| Total | 4 | 19,125 | 610,041 | 12,527,590 |

2. Disposition

| | | | | |
|---------------|-------------|---------------|------------------------------|---------------|
| Reclamation | Compost | Feed supply | Others disposed within wards | Total |
| 6,058,402 kg. | 814,158 kg. | 2,189,400 kg. | 3,465,630 kg. | 12,527,590kg. |

II. Disposition of faeces and urine

1. Ladling

| Work | By Scavenge No houses, | Sec. Quantity | By farmer no houses | Quantity | By self No houses | Quantity |
|------------------|---------------------------|------------------|------------------------|-------------|----------------------|--------------|
| General | 37,460 | 23,857.3 Kl | 262,251 | 41,732.1 Kl | 142.128 | 21,700.6 Kl. |
| Asked | 532 | 850.4 | 117 | 131.2 | | |
| Allied Forces | 16 | 95.4 | 0 | | | |
| Public W.C. | 127 | 246.9 | 73 | 151.3 | | |
| Total | 128,135 | 250,050.0 | 262,441 | 42,014.6 | 142.128 | 21,700.6 |

| Work | By Sc | Total No. houses | Quantity Kl |
|------------------|-------|---------------------|----------------|
| General | | 531,839 | 87,290.0 Kl |
| Asked | | 649 | 9,981.6 |
| Allied Forces | | 16 | 398.2 |
| Public W.C. | | 200 | 95.4 |
| Total | | 532,704 | 88,765.2 |

2. Reduction into fertilizer

1 Kl = 5.5 Koku

| Metropolitan area Koku | Saitama Pref. Koku | Chiba Pref. Koku | Ibaragi Pref. Koku | Kanagawa Pref. Koku | Self dis- position Koku |
|------------------------------|--------------------------|------------------------|--------------------------|---------------------------|-------------------------------|
| 33,656.9 | 22,707.0 | 1,446.8 | | 3,571.2 | 21,700.6 |
| Others Koku | Total Koku | | | | |
| 4,957.1 | 88,059.6 | | | | |

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~~60~~
60

RMZ

Monthly Report of Scavenge Section for March, 1947

1.

(1) Night soil

a) ^{Total} Quantity collected 90,560.2 Kl

b) Quantity finally disposed (given to rural area) 89,960.3

increase
seasonal
winter ↑
difference

{ Rural area in Tokyo 31,140.0

{ Saitama Pref. 21,860.8

{ Chiba " 2,301.5

{ Kanagawa " 3,669.3

{ Disposed by themselves to be used for their farm ^{Pvt. garden} 21,488.0

Others 9,500.7

c) Transportation on horse

By handcarts, ox carts, trucks, ships, railroad

(2) Garbage and trash

a) ^{Total} Quantity collected 16,661,459 kg

{ Trash 2,270,044

{ Soil 1,004,112

including...

| | |
|---|----------|
| { Chiba " " | 2,301.5 |
| { Kanagawa " " | 3,669.3 |
| { Disposed by themselves to be used for their farm | 21,488.0 |
| Others | 9,500.7 |

Pvt. garden

c) Transportation on horse

By handcarts, ox carts, trucks, ships, railroad

(2) Garbage and trash

a) ^{Total} Quantity collected

| | |
|-----------|-----------|
| { Trash | 2,270,044 |
| { Garbage | 5,004,112 |
| { Mixed | 8,243,928 |
| { Ashes | 1,143,375 |

for filling up

not due to inc. coal;
due to wider coll. service
Since 7 Mar. all coll. resp. of central govt.

b) Quantities utilized

| | |
|------------------|--------------|
| { For filling-up | 8,812,838 kg |
| { Manure | 1,262,215 " |
| { Feed | 2,387,250 " |
| { Others | 4,199,156 " |

c) Transportation

By handcarts, ox or horse-carts, ships trucks

15

(5015)

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(2)

2. 1) Daily average of transportation in operation

Trucks : 89.6

Handcarts : 79.3

2) Total amount of gasoline used : 29,860 l

3. Inspection findings

1) Damage of public lavatories has been extremely serious. We have been trying hard to repair them as early as possible, and the work was not done well as we hoped, because of shortage of repair materials. But as we know well it is essential for the rehabilitation of Tokyo, we tried our best and as the result, the repairing work of 31 public lavatories was accomplished by the end of March. At the same time, in order to call people's attention to keep them always clean, we put on the following mottoes to each lavatory:

a) Let us ~~me~~ keep benjo clean.

b) Ease nature at the proper place.

c) Let us not to stain benjo.

about 200 more had been

as we know well it is essential for the rehabilitation of Tokyo, we tried our best and as the result, the repairing work of 31 public lavatories was accomplished by the end of March. At the same time, in order to call people's attention to keep them always clean, we put on the following mottoes to each lavatory:

- a) Let us ~~mo~~ keep benjo clean.
- b) Ease nature at the proper place.
- c) Let us not ~~to~~ stain benjo.

2) Clothing supply to labourers.

Labourers engaged in this work are to get clothing supply according to regulations. But actually they did not get it for a long time since the war because of clothing shortage. So we made every effort to get it for them, negotiating with concerning agencies, and we could distribute 1 clothes (uniform) to each labourer. We expect good results both to citizens and to labourers from this.

3) Disposal of piled trash

There were a lots of piled trash on the roadsides

about 200 more
had repair

160 inspectors

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(3)

and vacant land. As they are very dangerous esp. now near summer, special cleansing was made by organizing teams (92 labourers and 3 trucks) They hanged the w^{iden} tag at the cleansed spots telling "not to throw any trash henceforth."

- 4. no change
- 5. They sprayed disinfectants at the side of lavatories, disposal plants of night soil and of garbage, trash, as one means of C.D control of summer.
- 6. As our highest aim of night soil disposal is to complete sewer-toilet system, we are always making close contact with Sewage Sec., Water Supply Bureau.

The following is the brief explanation of services and plans of Sewage Section

1. Explanation of Sewage in Tokyo

Although the central Tokyo is served by sewage system, in other parts of Tokyo, there run just incomplete open drains both for rain water and filthy water. The above

6. As our highest aim of night soil disposal is to complete sewer-toilet system, we are always making close contact with Sewage Sec., Water Supply Bureau.

The following is the brief explanation of services and plans of Sewage Section

1. Explanation of Sewage in Tokyo

Although the central Tokyo is served by sewage system, in other parts of Tokyo, there run just incomplete open drains both for rain water and filthy water. The above sewage system is divided into three channels, namely Shibaura, Mikawashima and Sunamachi.

(1) Shibaura ^{drainage} channel

Area served: most parts of Chiyoda, Chūō, Minato, Shinjuku, Bunkyo, Toshima kus and a part of Daito, Shinagawa, Kita, Arakawa kus

^{total} total area. 5,949 hectare
Length of drainage pipe: 1,037,910 m.

Zenigame-cho pumping plant station

Location, Atemachi, Chiyoda-kus

(24-5)

④

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Equipment : sand-settling pond, filter, ^{screen} pump
Shibaura drainage disposal plant

Location : Takahama-cho, Shiba, Minato-ku

Equipment : settling pond, pump, sand-settling pond,
drainage tank Simplex system oxygen tank

(2) Mikawashima drainage channel

Area served : most parts of Daito, Arakawa ku and
a part of Chiyoda, Bunkyo, Kita kuu respectively
1, 675 hectare

Total length of pipe 471,891 m.

Izumi-cho pump plant

Location : Izumi-cho, Kanda, Chiyoda-ku

Equipment : ^{screen} filter, pump

Tamachi pump^{ing} plant station

Location ; Tamachi, Arakusa-ku, Daito ku

Equipment ; ^{screen} filter, pump

Nashiba pump plant station

Location ; 3-cho me, Minami-senju-cho Arakawa-ku

Equipment ; sand-settling pond, ^{screen} filter, pumps

④

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Equipment : sand-settling pond, filter, pump
Shibaura drainage disposal plant

Location : Takahama-cho, Shiba, Minato-ku

Equipment : settling pond, pump, sand-settling pond,
drainage tank Simplex system oxygen tank

(2) Mikawashima drainage channel

Area served : most parts of Daito, Arakawa ku and
a part of Chiyoda, Bunkyo, Kita kus respectively
1, 675 hectare

Total length of pipe 471,891 m.

Izumi-cho pump plant

Location : Izumi-cho, Kanda, Chiyoda-ku

Equipment : ^{screen} filter, pump

Tamachi pump^{ing} plant station

Location ; Tamachi, Asakusa-ku, Daito ku

Equipment ; ^{screen} filter, pump

Nashiba pump plant station

Location ; 3-chome, Minami-senju-cho Arakawa-ku

Equipment : sand settling pond, filter, pump

Total length of pipe 471,891 m.

Izumi-cho pump plant

Location: Izumi-cho, Kanda, Chiyoda-ku

Equipment: ^{screen} Filter, pump

Tamachi pump^{ing} plant station

Location; Tamachi, Asakusa-ku, Daito-ku

Equipment; ^{screen} filter, pump

Nashiba pump^{ing} plant station

Location; 3-chome, Minami-senju-cho, Arakawa-ku

Equipment; sand-settling pond, ^{screen} filter, pump

Shisiri pump^{ing} plant station

Location: 10-chome, Minami-senju-cho, Arakawa-ku

Equipment: sand-settling pond, ^{screen} filter, pump

Minami-senju pump^{ing} plant station

Location; 8-chome, Minami-senju-cho, Arakawa-ku

Equipment; sand-settling pond, ^{screen} filter, pump

Mikawashima drainage disposal plants

Location; 8 chome & 2-chome, Mikawashima-cho, Arakawa-ku

Equipment; sand-settling pond, ^{screen} filter,

settling pond Paddle's system oxygen tank

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Distributing disposal
~~spray~~ filtration bed, final settling pond,
settling
filter tank

(3) Sunamachi drainage channel

Area served: most parts of Sumida, Koto-ku and
a part of Adachi-ku
1,497 hectare

Total length of pipes 299,895 m.

Narihira-bashi pumping plant station

Location; 3-chome, Azuma-bashi, Sumida-ku

Equipment; sand-settling pond, filter, pump

Sannohashi pumping plant station

Location; 4-chome, Katagawa, Sumida-ku

Equipment; sand-settling pond, filter, pump

Kiba pumping plant station

Location; 3-chome, Toyozumi-cho, Fukagawa, Koto-ku

Equipment; sand-settling pond, filter, pump

Azuma pumping plant station

Location; 5-chome, Nishi, Azuma-cho, Sumida-ku

Equipment; sand-settling pond, filter, pump
Sannohashi pumping plant station

Location; 4-chome, Katagawa, Sumida-ku

Equipment; sand-settling pond, filter, ^{screen} pump

Kiba pumping plant station

Location; 3-chome, Toyozumi-cho, Fukagawa, Koto-ku

Equipment; sand-settling pond, filter, ^{screen} pump

Azuma pumping plant station

Location; 5-chome, Nishi, Azuma-cho, Sumida-ku

Equipment; sand-settling pond, filter, ^{screen} pump

Sunamachi drainage disposal plant

Location; 9-chome, Minami-sunamachi, Koto-ku

Equipment; pump, settling pond

2. Plans

There are 3 plans in drainage services at present.

(1) Repairing work

repairing of bombed drainage channels and
pumping plants ^{stations} and disposal plants

(2) Rehabilitation

Removal and new set-up of drainage pipes

~~60~~ 60

~~147~~

Monthly report (February)

Scavenge Section

I. Disposition

1. Night soil

a. Amount disposed (total amount dipped) 83,912 kl.

b. Last disposition (to agrarian villages) 30,789 - 3/8

Metropolitan area 21,578 - 1/4

Saitama pref. 1,982 "

Chiba " 3,476 "

Kanagawa " 20,994 - 1/4

Self-disposition (for home back yard) 4,546 "

Athers

c. Transportation

By hand-carts, ox or horse-carts, barges, trains and trucks.

2. Garbage & trash

a. Amount disposed (collected) 13,421,955 Kg.

Items: Miscellaneous 2,062,909 "

Kitchen 4,341,742 "

by fire & mag. gas

for fertilizer

458
5+53

by

Managawa

3,476

Self-disposition (for home back yard)

20,994 " 1/4

Others

4,546 "

C. Transportation

By hand-carts, ox or horse-carts, barges, trains and trucks.

2. Garbage & trash

a. Amount disposed (collected)

13,421,955 Kg.

Items: Miscellaneous

2,062,909 "

Kitchen

4,341,742 "

Mixed

5,857,204 "

Ash

1,160,100 "

b. Last disposition (utilization)

Items: Reclamation to what

6,227,737 Kg 1/2

Compost

968,269 "

Feed supply

1,981,650 " 1/6

What

Others

4,244,299 "

c. Transportation

By handcarts, ox or horse carts, barges, trucks.

II. Transportations

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1445
5+52

(11)

1. Daily average

Truck

85.7

Handcart (including rickshaw)

78.2 ↑

2. Gasoline used a month

27,440 l. ↓

III. Unsatisfactory findings and measures employed for correction

Scavenger facilities were ~~hit~~ severely hit by the war damages, so we are making efforts to rehabilitate them.

Changes in personnel, operational plans

No change

V. Environmental sanitation

Comparatively good.

VI. Connection between water work and sewage system

veined from night soil disposition.

Water work and sewage system are under the control of Water Work Bureau, but we are earnestly making efforts to complete water work and sewage system in connection with Construction Bureau.

add
present
ref. to
Water
Bureau