DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Name	Qualification.	Official Rank.	Pay class	Official Post.	Date of completion.	Remarks
Yoshizo Obata					Dec. 24, 1947.	Resigned from the post.
Hideo Takayanagi	Technical official.	7	4	In charge of Food Sanitation in Hokota P.H.C.	Apr. 9, 1948.	
Katsu Isoyama	"	6	7	In charge of Food Sanitation of Itako P.H.C.	July 12, 1948.	
Yu Yamaguchi	"	6	7	In charge of Food Sanitation of Public Health Sect.	Oct. 2, 1948.	
Haruo Saito	"	7	6	In charge of Food Sanitation in Tsuchiura P.H.C.	Dec. 23, 1948.	
Fumiei Hiratsuka	"	6	5	In charge of environmental sanitation in Public Health Sect.	Mar. 22, 1949.	
Kikuji Kobune	"	7	8	In charge of Food Sanitation in Mito P.H.C.	June 30, 1949.	
Kikunosuke Uematsu					Sept. 24, 1949.	Resigned from the post.

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Kaoru Katsumura	Technical official.	5	8	In charge of environmental sanitation in Public Health Sect.	Dec. 23, 1949.
Arihiro Nemoto	"	6	10	In charge of Food Sanitation in Omiya P.H.C.	June 30, 1950.
Masao Yokosuga	"	5	2	In charge of environmental sanitation in Public Health Sect.	Sept. 27, 1950.
Kiyoshi Fujinuma	"	6	6	" Mito P.H.C.	Dec. 20, 1950.
Yasunori Kujirai	"	4	7	" Shimotsuma P.H.C.	Mar. 28, 1951.
Total	13 persons.				

1) Name of those who are to sit for the next-term training course of the national sanitation board.

Masami Sakai, an engineer attached to Yatabe Health Center.

2) If there is a vacancy for a sanitary inspectorin the section or department, and if any, means of filling it:

There is no vacancy.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

IBARAKI L.O. No. 162

HEALTH DEPARTMENT
IBARAKI PREFECTURAL GOVERNMENT

Mar. 26, 1951

SUBJECT: Present situation of sanitary engineers and sanitary inspectors.

TO: Chief of Kanto Civil Affairs Region.
ATTN: Chief of Public Health Sect.

Enclosed is a report on the present situation of sanitary engineers and inspectors required by your memorandum dated March 16, 1951.

Ryozaburo, Goto.

RYOZABURO GOTO
Chief of Health Dep't.,
Ibaraki Pref. Gov't.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

a. Sanitary engineers:

Those who have completed the whole training course of sanitary engineering of the National Sanitation Board are as follows:

Name	Qualification.	Official Rank	Pay-class	Official Post	Date of Completion.	Remarks
Mizuho Handa					Aug. 7, 1948.	Got out of employment on Aug. 1, 1950.
Makoto Irobe	Technical Official.	7	6	In charge of Road Repair in the Road Sect., of Civil Engineering Dep't.		

1) Those who are to sit for the next-term training course:

Not decided.

2) Vacancies for sanitary engineers in the Section, Department or Bureau and, means of filling them:

There are 21 vacancies for sanitary engineers against the fixed number of 195. The vacancies are planned to be filled by the promotion of assistant engineers and the appointment.

3) If there is no one to sit for the next-term training, the reason therefor:

There is no one qualified to go in for the training in the Health Department. And some of the Civil Engineering Department are planned to take the next-term training.

b. Sanitary inspectors:

Those who have completed the whole training course of sanitary inspection of the National Sanitation Board are as follows:

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Name	Qualification.	Official Rank.	Pay class	Official Post.	Date of completion.	Remarks
Yoshizo Obata				"	Dec. 24, 1947.	Resigned from the post.
Hideo Takayanagi	Technical official.	7	4	In charge of Food Sanitation in Hokota P.H.C.	Apr. 9, 1948.	
Katsu Isoyama	"	6	7	In charge of Food Sanitation of Itako P.H.C.	July 12, 1948.	
Yu Yamaguchi	"	6	7	In charge of Food Sanitation of Public Health Sect.	Oct. 2, 1948.	
Haruo Saito	"	7	6	In charge of Food Sanitation in Tsuchiura P.H.C.	Dec. 23, 1948.	
Fumiei Hiratsuka	"	6	5	In charge of environmental sanitation in Public Health Sect.	Mar. 22, 1949.	
Kikuji Kobune	"	7	8	In charge of Food Sanitation in Mito P.H.C.	June 30, 1949.	
Kikunosuke Uematsu					Sept. 24, 1949.	Resigned from the post.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Kaoru Katsumura	Technical official.	5	8	In charge of environmental sanitation in Public Health Sect.	Dec. 23, 1949.
Arihiro Nemoto	"	6	10	In charge of Food Sanitation in Omiya P.H.C.	June 30, 1950.
Masao Yokosuga	"	5	2	In charge of environmental sanitation in Public Health Sect.	Sept. 27, 1950.
Kiyoshi Fujinuma	"	6	6	" Mito P.H.C.	Dec. 20, 1950.
Yasunori Kujirai	"	4		Shimotsuma P.H.C.	Mar. 28, 1951.
Total		13 persons.			

1) Name of those who are to sit for the next-term training course of the national sanitation board.

Masami Sakai, an engineer attached to Yatabe Health Center.

2) If there is a vacancy for a sanitary inspector in the section or department, and if any, means of filling it:

There is no vacancy.

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GOVERNOR'S OFFICE
GUMMA PREFECTURE
Maebashi City
Tel.4551,4561.

YI/SA/hn

27 March 1951

SUBJECT: Status of Sanitary Engineers and Sanitarians

TO : Kanto Civil Affairs Region

THRCUGH: Kanto Liaison and Coordination Office

Sirs:

In accordance with your request in writting, dated March 16, 1951, we hereby submit the subject report as follows:

1. No. of graduates, names and date of graduation from the National Institute of Public Health having taken the Sanitary Engineering Course:

No. of graduates	Names	Date of graduation
1	Tokiji Kobayashi	October, 1948

(1) The position that each graduate now fills in the public health department or other department:

He is 3rd Class Engineer and takes charge of guidance and control of the environmental sanitation.

(2) The names of those who are expected to attend the next course at the National Institute of Public Health:

None will be attend it.

(3) Are there any vacancies in the public health department for sanitary engineers?

No.

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(4) If no people are expected to attend the next course, why not?

Because no applicable personnel can be found.

(5) The qualifications and rating given for these position:

He was appointed Head Environmental Sanitation Engineer, became 3rd Class Engineer and receives No.11 Salary as 6th Class Official.

2. No., names, and date of graduation of graduates of the National Institute of Public Health having taken the sanitarians' course:

See attached list.

(2) The names of those expected to attend the next course for sanitarians:

3rd Class Engineer Senji Miyata

Truly yours,

YOSHIO IYOKU,
Governor of Gumma-ken

Incl.

Date of graduation	Names	Position in PH Dep.	Qualifications and salaries and rating
September 1947	Hideo Negishi		Medicinal Controller, sanitary Engineer, 3rd Class Engineer (No.6 Salary of 7th Class Official)
March 1948	Tamio Takahashi		Sanitary Engineer, 3rd Class Engineer (No.10 Salary of 7th Class Official)
April 1948	Shiro Okano	Head Sanitarian	" (No.6 Salary of 8th Class Official)
September 1948	Kiyoshi Shimizu		" (No.7 Salary of 6th Class Official)
December 1948	Shimpei Machida		" (No.5 Salary of 6th Class Official)
June 1949	Kengo Kobayashi	Head Sanitarian	" (No.7 Salary of 8th Class Official)
September 1949	Koichi Hashimoto		" (No.9 Salary of 5th Class Official)

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September 1950	Michio Hoshino	Sanitary Engineer, 3rd Class Engineer (No.10 Salary of 6th Class Official)
December 1950	Ichiro Yoshie	" (No.6 Salary of 8th Class Official)
March 1951	Sumiyasu Nakazawa	" (No.4 Salary of 6th Class Official)

Total: 10 persons

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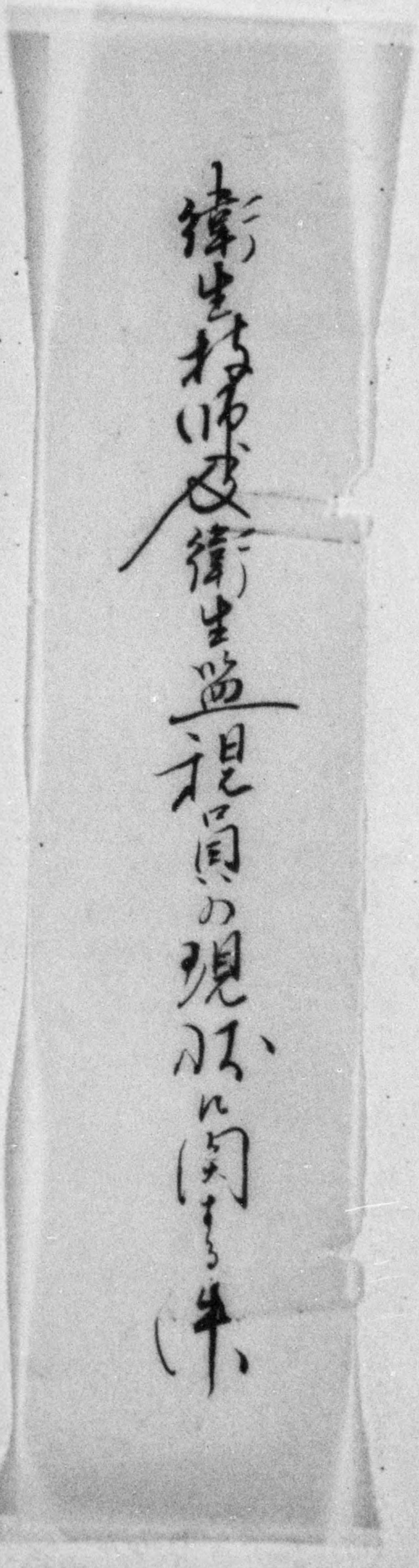

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

GOVERNOR'S OFFICE
GUMMA PREFECTURE
Maebashi City
Tel.4551,4561.

YI/SA/hn

27 March 1951

SUBJECT: Status of Sanitary Engineers and Sanitarians

TO : Kanto Civil Affairs Region

THROUGH: Kanto Liaison and Coordination Office

Sirs:

In accordance with your request in writting, dated March 16, 1951, we hereby submit the subject report as follows:

1. No. of graduates, names and date of graduation from the National Institute of Public Health having taken the Sanitary Engineering Course:

No. of graduates	Names	Date of graduation
1	Tokiji Kobayashi	October, 1948

(1) The position that each graduate now fills in the public health department or other department:

He is 3rd Class Engineer and takes charge of guidance and control of the environmental sanitation.

(2) The names of those who are expected to attend the next course at the National Institute of Public Health:

None will be attend it.

(3) Are there any vacancies in the public health department for sanitary engineers?

No.

Received
K.L.C.O.
26.3.31
TIME

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(4) If no people are expected to attend the next course, why not?

Because no applicable personnel can be found.

(5) The qualifications and rating given for these position:

He was appointed Head Environmental Sanitation Engineer, became 3rd Class Engineer and receives No.11 Salary as 6th Class Official.

2. No., names, and date of graduation of graduates of the National Institute of Public Health having taken the sanitarians' course:

See attached list.

(2) The names of those expected to attend the next course for sanitarians:

3rd Class Engineer Senji Miyata

Truly yours,

Yoshio Iyoku

YOSHIO IYOKU,
Governor of Gumma-ken

Incl.

Date of graduation	Names	Position in PH Dep.	Qualifications and salaries and rating
September 1947	Hideo Hegishi		Medicinal Controller, sanitary Engineer, 3rd Class Engineer (No.6 Salary of 7th Class Official)
March 1948	Tamio Takahashi		Sanitary Engineer, 3rd Class Engineer (No.10 Salary of 7th Class Official)
April 1948	Shiro Okano	Head Sanitarian	" (No.6 Salary of 8th Class Official)
September 1948	Kiyoshi Shimizu		" (No.7 Salary of 6th Class Official)
December 1948	Shimpei Machida		" (No.5 Salary of 6th Class Official)
June 1949	Kengo Kobayashi	Head Sanitarian	" (No.7 Salary of 8th Class Official)
September 1949	Koichi Hashimoto		" (No.9 Salary of 5th Class Official)

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September 1950	Michio Hoshino	Sanitary Engineer, 3rd Class Engineer (No.10 Salary of 6th Class Official)
December 1950	Ichiro Yoshie	" (No.6 Salary of 8th Class Official)
March 1951	Sumiyasu Nakazawa	" (No.4 Salary of 6th Class Official)

Total: 10 persons

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HEADQUARTERS
TOKAI-HOKURIKU CIVIL AFFAIRS REGION
APO 710

ANNEX B-1

To Civil Affairs Activities Report
Period Ending 31 March 1951

Author: Dr. Jaime Benavides, R.P.H.O.

1. General Administration.

Every prefecture was visited by all members of the Public Health Section.

Conferences

a. The "Nagoya Epidemic Control Center" was visited in order to investigate their work in connection with the examination of the city water supply and the equipment and personnel used in conducting food handlers' periodic checkups.

b. Two conferences were held in Nagoya with the R-R passenger traffic superintendent and staff which resulted in establishing measures to prevent an epidemic of smallpox.

c. The BCG program is receiving increasing attention through meetings with prefectural public health officers and health center directors.

d. Dysentery prevention and control was discussed with the officers concerned.

e. Administration and other programs have received proper attention.

Miss D. Damon, RN, has been assigned to the Public Health Section of this Region.

2. Preventive Medicine.

Typhoid-Paratyphoid

Typhoid-paratyphoid and smallpox vaccinations were carried out during March on all entertainers and food handlers participating in the Takaoka City (Toyama prefecture) Industrial Exhibition.

Pertussis

The pertussis immunization program is advancing slowly due to the still

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too high cost of vaccine. Only 10% of the planned number were innoculated in Aichi prefecture.

Dysentery

On 7-12 March, 25 cases of dysentery (in children) were reported from an orphanage in Aichi prefecture. All were hospitalized and treated successfully with streptomycin. The organism found in all cases was Komagome B III. The source of infection was traced to a woman who had been hired as a cook two weeks before the outbreak. She was hospitalized and treated.

This outbreak alerted the public health officers to the necessity of having stool examinations of all food handlers and an intensive campaign was begun to that effect.

Self-Medication

The information sections have been actively warning the public of the dangers involved in self-medication in general, and of dysentery in particular, as they lose valuable time before adequate treatment is instituted.

Smallpox

The periodic vaccination was started earlier throughout the Region on account of a threatened epidemic.

The patient reported last month as a case of smallpox made an uneventful recovery. No new cases have appeared.

At a conference with railway officers the following control measures were decided upon:

a. Have posters placed on strategic points throughout the station indicating the advisability of immediate vaccination against smallpox.

b. Have loud speakers broadcast the imminent danger of an epidemic if full cooperation is not received from the public on the measures established by the health officers.

c. Have a vaccination booth open daily from 0900 to 1700 to vaccinate volunteers among travellers from and to Nagoya. (This has been very successful).

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BASIC: ANNEX B-1 to Civil Affairs Activities Report, Tokai-Hokuriku Civil Affairs Region for period ending 31 March 1951.

Status of Immunizations under National Immunization Law:

Disease	Pref.	Date Season Program Begun	No. Imm. This Pd.	Cumulative Number	Est. Balance Yet to do
Diphtheria	Aichi	Oct '50	19,369	48,438	209,128
	Gifu	Jan '50	15,977	15,977	231,023
Smallpox	Aichi	Oct '50	14,627	15,980	195,520
	Gifu	Jan '51	2,513	2,513	115,113

3. Tuberculosis

Prefecture	Backlog of patients
Aichi	614
Mie	196
Gifu	171
Toyama	41
Ishikawa	270
Fukui	493
Total	1,785

Ishikawa Prefecture Board of Education and Public Health officers are cooperating in a campaign to hospitalize every active teacher suffering from tuberculosis and to refuse employment to prospective candidates found affected by this disease.

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ANNEX B-1

Restricted

Tuberculosis. Incidence and mortality in personnel working in Tokai-Hokuriku National Sanatoria since their inauguration.

Name of Sanatorium	Date inaugurated	No. employed				Morbidity				Mortality			
		Drs.	Nurses	Others	Total	Drs.	Nurses	Others	Total	Drs.	Nurses	Others	Total
Hokuriku	Oct 45	19	145	135	299			3	3		1	1	2
Furusato	Apr 48	12	116	98	226			1	1		1		1
Gifu	Jan 43	26	191	150	367						3		3
Aichi	Dec 40	34	544	250	828	2	49	7	58		8	3	11
Obu	Apr 48	20	136	201	357		3	1	4				
Umemori	Apr 48	16	103	106	225						1		1
Takacjaya Hospital	Apr 48	4	25	30	59		1		1				
Mie	May 41	17	304	170	491						8		8
Total		148	1,564	1,140	2,852	2	53	12	67		22	4	26

Above figures were compiled by Tokai-Hokuriku Office of the Medical Bureau, Welfare Ministry.

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ANNEX B-1

Tuberculosis. Surgery

Table showing:

a) Total number of operations performed on tubercular patients in 16 TB Sanitoria in Tokai-Hokuriku Region.

b) Postoperative mortality.

Types of Operation	Total Number	Results				Post-operative Deaths
		Cured	Improved	No change	Worse	
Thoracoplasty	682	27	486	137	32	19
Plombage	48	3	22	11	7	0
Cauterisation	64	1	40	21	2	0
Phreniclasis	77	7	41	27	2	1
Lobectomy	4	0	2	0	2	2
Others	32	1	17	8	6	2
Total	907	44	608	204	51	24

Above figures are for the year 1950, compiled by Tokai-Hokuriku Office of the Medical Bureau, Welfare Ministry.

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BASIC: ANNEX B-1 to Civil Affairs Activities Report, Tokai-Hokuriku Civil Affairs Region for period ending 31 March 1951.

4. Health Centers.

Directors complain of the increasing amount of administrative work and the decreasing number of personnel. They are anxious to have an increase in their staffs, especially in connection with the rapidly developing BCG program.

6. Budget.

Nagoya City (the only budget approved to date).

Year	Total Amount	% of Total City Budget
1951	¥602,784,000	5.7
1950	¥515,596,700	4.6

7. Veterinary Affairs.

a. Food.

(1) Three outbreaks of food poisoning involving 9 patients and resulting in 4 deaths occurred during February. All outbreaks were due to poor food handling in the home.

b. Food Inspection.

(1) Results of Food Establishment Inspection during February, 1951:

Pref.	# licensed estabs.	# of inspections	A	B	C	D	E
Aichi	26,655	7,999	599	1,767	2,747	1,334	349
Gifu	10,082	5,021	19	345	1,224	1,375	186
Mie	9,388	5,827	140	928	2,169	1,678	267
Fukui	5,333	3,901	76	469	1,255	633	428
Ishikawa	10,069	4,329	62	461	1,627	1,495	323
Toyama	6,550	4,283	95	1,029	1,906	1,017	105
Totals	68,077	31,360	991	4,999	10,928	7,532	1,658

Pref.	# failed major items	# sheet warnings	# closed	# prosecuted
Aichi	1,791	567	5	3
Gifu	1,230	386	16	0

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BASIC: ANNEX B-1 to Civil Affairs Activities Report, Tokai-Hokuriku Civil Affairs Region for period ending 31 March 1951.

Pref.	# failed major items	# sheet warnings	# closed	# prosecuted
Mie	1,268	268	7	0
Fukui	184	348	4	0
Ishikawa	964	89	0	0
Toyama	2,127	91	0	1
Totals	7,564	1,749	32	4

(2) The Regional veterinarian attended meetings of food inspectors in each prefecture during the month. Inspectors were urged to enforce the Food Sanitation Law more vigorously. It was found that most food inspectors have not thoroughly studied Welfare Ministry instructions regarding sanitary requirements, and therefore establishment scoring is far too lenient. It is felt that these meetings will result in more adequate inspection and stricter enforcement during the forthcoming months.

(3) Gifu prefecture has passed a budget for the construction of 20 small-type slaughterhouses. This budget was initiated by the prefectural Agricultural Department. These slaughterhouses will slaughter swine, sheep and goats for home consumption by farmers and the Agricultural Department believes their construction will increase the amount of protein in the rural diet. The prefectural Public Health Department has opposed the construction of these slaughterhouses in the belief that much of the meat will be sold illegally due to lack of preservation facilities in rural homes. They also state that these slaughterhouses will decrease the volume of slaughter of existing slaughterhouses and therefore their income will be insufficient to maintain adequate facilities for sanitation. Furthermore, there are not enough slaughterhouse inspectors to carry out the additional inspection required at these small-type slaughterhouses. However, the Agricultural Department says that livestock veterinary officials can be used as part time meat inspectors as provided in Welfare Ministry Notification #99, 10 September, 1931.

c. Rabies Control - 1 January - 1 March, 1951.

Pref.	Est. Dog Population	# Registered	# Vaccinations	# stray dogs destroyed
Aichi	125,300	90,624	9,625	2,404
Gifu	20,000	18,493	3,261	849
Mie	25,000	24,206	14,526	2,194
Fukui	3,000	1,249	360	47

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

BASIC: ANNEX B-1 to Civil Affairs Activities Report, Tokai-Hokuriku Civil Affairs Region for period ending 31 March 1951.

Pref.	Est. Dog Population	# Registered	# Vaccinations	# stray dogs destroyed
Ishikawa	6,300	5,244	38	185
Toyama	3,900	3,442	17	445
Totals	183,500	143,253	27,827	6,124

There were 123 dog catches employed during February, working a total of 2,181 days and capturing 7,066 dogs, of which 4,576 were destroyed. There were 148 portable cages and 85 permanent impounding facilities existing within the region as of March 1.

d. Animal Disease Control, 1 January - 1 March, 1951. (Source-Prefectural Livestock Sections).

(1) Testing programs.

Disease	# tested	# positive	# suspicious	# slaughtered
Cattle TB	3,573	12	61	12
Cattle Brucellosis	520	0	7	0
Equine Inf. Anemia	1,358	5	0	5
Fowl Pullorum	163,749	6,502	0	6,502

(2) Vaccination programs.

Animal	Population	Disease	# vaccinated
Cattle	214,000	Anthrax	3,873
Swine	55,000	Cholera	979

e. Outbreak of Animal Disease, March 1951. (Source - Prefectural Livestock Sections.)

Prefecture	Disease	Cases	Deaths	Recoveries
Gifu	Swine plague	9	6	3
Gifu	Swine cholera	8	8	0

8. Sanitary Engineering.

In preparation for the inauguration of the season's sanitary team activities, the communities of this Region have made all necessary arrangements for adequate personnel and supplies.

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An increased efficiency in activities is expected, because the foremen of these teams have been under continuous training during the winter.

9. Nursing Affairs.

All "A" and "B" schools of nursing in Tokai-Hokuriku anticipated admitting their fixed number of students.

Central kitchens are constantly tending to feed all patients with an attendant elimination of family members and a step further toward complete nursing care.

The first of the 20 C.D. wards to be attached to various hospitals throughout the region has been completed. The attempt for building construction conductive to good communicable disease nursing technique has been outstanding. It remains to be seen how technique is carried out.

The Regional Medical Bureau received a wire from the Ministry of Welfare on 17 March 1951 to open "B" schools of nursing in four national sanatoria as of 1 April 1951. Dr. Takahashi (Ministry of Welfare representative) then visited two of the sanatoria and made recommendations. Should tuberculous cases be treated in the general O.P.D. appears the greatest problem.

Public Health Nursing

Due to the fact that National Health Insurance public health nurses are paid through prefectural welfare department, it is extremely difficult to reach the goal of uniform public health nursing in any health center districts.

The last five month public health nursing course will be conducted in each prefecture beginning 1 April 1951.

Public Health nurses are gravely concerned about their 1951 home visiting schedule as more and more time is being diverted to the 1951 tuberculosis program. Examples of time consuming activities are as listed below.

1. Increased number of mass examinations.
2. Lab. work, i.e., examination of sputum, sedimentation, etc.
3. Clerical work for TBc school program.

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BASIC: ANNEX B-1 to Civil Affairs Activities Report, Tokai-Hokuriku Civil Affairs Region for period ending 31 March 1951.

Association

Prefectures are discussing ways and means of acquiring association buildings. In some instances, payments to the association with yearly dues are being emphasized. Our impression is that the branch associations are not ready, nor do they have the money at present for this project. Recommendations are that interest be kept alive by more definite data regarding cost and upkeep of such a building and by various ways and means of funds raising toward securing a permanent building in five to ten years.

10. Other

a. Items most needed to further the public health program.

(1) From Japanese sources.

School children are receiving free aureomycin treatment for trachoma, but they are often reinfected by their own relatives who cannot affort the expense of medical care. The situation is aggravated by doctors discharging too early "as cured" many of the children, who will soon return to start treatment all over again. It is desirable, therefore, that the Ministry take steps (a) to find ways and means of eradicating these sources of infection in the homes and (b) to disseminate to physicians the methods of treatment with the new drugs.

Note: Unless otherwise indicated, all statistics were obtained through the Prefectural Public Health Departments.

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Gr. 9 ZA
Mr. S
Mr. P
Miss M. M
Miss W
Miss Sh. OS
Miss H.

RESTRICTED

HEADQUARTERS
TOHOKU CIVIL AFFAIRS REGION
APO 547

ANNEX B-1
PUBLIC HEALTH ACTIVITIES
March 1951

By Dr. John Bryson, MD
(Medical Officer - Public Health)

1. GENERAL ADMINISTRATION

Profession	Prefecture	Elapsed Time since Visit
Public Health Officer	Yamagata	1 month
Veterinarian	Yamagata	1 month
Sanitary Engineer	Hokkaido	4 months
Public Health Nurse	Niigata	2 months
	Fukushima	2 months

2. PREVENTIVE MEDICINE

a. SIGNIFICANT LOCAL OR GENERAL OUTBREAK OF DISEASE:

(1) Sixteen cases and four healthy carriers of bacillary dysentery occurred in one battalion of police at the Sendai Regional Police School from 18-25 March. The first case occurred while this battalion was in training in Iizaka Town, Fukushima Prefecture. The remainder of the cases occurred after their return to the Sendai School. As a result, Fukushima Prefecture has examined 1,080 food handlers and hotel personnel and have since found five dysentery carriers. Iizaka Town had many cases of bacillary dysentery during 1950. As this town is a famous hot springs, it will have to be given close surveillance this year by the prefectural health officials.

(2) 138 cases and 14 carriers of Komagome B-3 bacillary dysentery have occurred in the housing area of Tohoku Pulp Company, Akita City, Akita Prefecture, from 25 February until the end of March. However, the number of new cases is decreasing at this time. The sourse of infection is still undetermined.

(3) In Akita, Fukushima, Miyagi and Yamagata Prefectures the incidence of bacillary dysentery has increased over that of last month. This increase varies from a three fold increase in Miyagi to an increase of 15 times in Akita. In Aomori, Iwate and Niigata Prefectures the incidence has remained the same as that of last month.

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

RESTRICTED

(4) Typhoid and paratyphoid cases remain at a low ebb. This is chiefly due to the partially completed immunization program rather than to basic sanitation. Akita Prefecture has had no cases this year whereas Niigata has had the most during the first three months with a total of 27 cases.

(5) Diphtheria incidence is stationary or decreasing in most prefectures, with the exception of Miyagi and Yamagata, where cases have doubled from 24 to 51 and 8 to 18, respectively.

(6) Pertussis is showing a general decreasing incidence throughout Tohoku Region.

(7) Measles cases have doubled or trebled in March over February in all prefectures except Akita, where the incidence has remained about the same as last month.

b. STATUS OF IMMUNIZATIONS:

Prefecture	Disease	Date Season Program Begun	No. Imm. This Pd.	Cumulative Number	Est. Balance Yet to Do
Akita	Smallpox	1 Apr 50	-	52,789	57,018
	TAB	1 May 50	-	648,432	448,521
	BCG	1 Jan 50	23,320	214,692	Unknown
	Diphtheria	1 Sep 50	9,046	82,132	114,454
	Pertussis	15 Sep 50	2,139	5,491	38,513
Aomori	Smallpox	In accordance with Ei-To-Hatsu No. 18, Ministry of Welfare, the results of immunizations will be delayed two months.			
	TAB				
	BCG				
	Diphtheria				
	Pertussis				
Fukushima	Smallpox	1 Jan 51	4,127	4,127	154,768
	TAB	1 Jan 51	3,208	3,208	1,636,859
	BCG	1 Jan 51	27,275	27,275	1,283,208
	Diphtheria	1 Jan 51	10,381	10,381	143,514
	Pertussis	1 Jan 51	2,640	2,640	112,783
Iwate	Smallpox	Oct 50	-	40,651	21,491
	TAB	May 50	-	932,928	145,813
	BCG	Apr 50	12,280	272,871	143,789
	Diphtheria	Jun 50	11,966	42,611	156,442
	Pertussis	Oct 50	1,724	5,316	164,285

RESTRICTED

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Annex B-1, Public Health Activities, Cont'd

Prefecture	Disease	Date Season Program Begun	No. Imm. This Pd.	Cumulative Number	Est. Balance Yet to Do
Miyagi	Smallpox	-	-	-	119,330
	TAB	-	-	-	1,358,319
	BCG	12 Jan 51	25,503	25,503	774,000
	Diphtheria	15 Jan 51	19,053	19,053	98,205
	Pertussis	10 Jan 51	3,939	3,939	46,754
Niigata	Smallpox	1 Apr 50	1,954	149,366	229,900
	TAB	1 Apr 50	0	1,480,980	337,631
	BCG	18 Jan 50	68,300	516,107	120,893
	Diphtheria	10 May 50	20,082	66,555	354,446
	Pertussis	1 Oct 50	2,408	13,691	16,309
Yamagata	Smallpox	Status of immunizations for the month of January will be reported later along with the Welfare Ministry's notice.			
	TAB				
	BCG				
	Diphtheria				
	Pertussis				

3. BUDGET AND FISCAL

a. The following budgets were requested and passed by the prefectures for the 1951-1952 fiscal year. These are compared to the total budgets for 1950-1951 fiscal year.

Prefecture	1950-51 Total Budget	1951-52 Budget Request	*1951-52 Final Budget
Akita	¥102,283,000	¥159,015,089	¥170,015,089
Aomori	100,811,000	125,326,527	125,326,527
Fukushima	139,082,000	567,058,429	321,701,171
Iwate	242,810,000	835,639,400	631,007,740
Miyagi	178,510,000	352,046,364	202,336,940
Niigata	306,153,000	538,242,794	381,086,992
Yamagata	109,962,000	268,358,280	192,910,558

* Supplementary budgets during the year will increase the above amounts.

b. The appropriated prefectural health department budgets represent the following percentage of the total prefectural budgets and expenditures per capita for fiscal year 1951.

Prefecture	% of Total Prefectural Budget	Expenditure Per Capita
Akita	5.6%	¥130.87
Aomori	3.0%	99.69
Fukushima	5.3%	156.00

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Annex B-1, Public Health Activities, Cont'd

Prefecture	% of Total Prefectural Budget	Expenditure Per Capita
Iwate	11.0%	¥468.55
Miyagi	3.3%	126.63
Niigata	6.2%	154.91
Yamagata	4.4%	147.28

c. COMMENTS ON ABOVE SUBPARAGRAPHS:

(1) The 21 million yen increase in the Akita budget is due partly to the establishment of a new prefectural hospital in Akita City at the cost of ¥52,000,000. The remainder of the necessary money for the prefectural hospital is being acquired by cuts in most all other activities by large amounts. Examples: vital statistics is cut from ¥700,000 to zero; health statistics from 1,000,000 to 750,000 yen; TB prevention from 11,000,000 to 3,500,000; maternal and child hygiene from 1,700,000 to 900,000 yen; nutrition from 2,500,000 to 148,000 yen.

(2) Aomori Prefecture appropriated the entire amount item by item as requested by Health Department. This budget request was much too modest.

(3) Fukushima Prefecture Health Department final budget includes 76,000,000 yen for hospitals and clinics. Excluding this, the actual budget for the Health Department is 245,000,000 yen. Cuts were across the board, but original request was well padded according to the Health Department director.

(4) Iwate Prefecture appropriated budget includes 521,000,000 yen for the medical service bureau which controls the prefectural hospitals and clinics. Excluding this, the Health Department budget is actually 109,000,000 yen or 2% of the prefectural budget or 81.26 yen per capita. Nevertheless, their budget was slashed to approximately one-third of the initial request.

(5) Miyagi Prefecture made a general slash of almost all items in the prefectural health department budget. No money was appropriated for health center construction and renovation, although 19 million yen had been requested. This is compared to a one million yen appropriation for a prefectural VD hospital which stands empty most of the time.

(6) Niigata Prefecture's appropriation for the health department includes ¥45,000,000 for the prefectural hospitals. This makes a

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

slight decrease in actual percent of total prefectural budget and the per capita expenditure. Original request was well padded.

(7) Yamagata Prefecture Health Department appropriated budget is one-fourth less than the original request. Budget cuts were made on almost every item. No great discrepancies were noted between original budget request and appropriated budget.

4. VETERINARY AFFAIRS

a. RABIES PROGRAM:

The 1951 rabies preventive vaccinations will begin in April and continue through June. The majority of the prefectures are showing excellent progress in the campaign initiated by this office to pick up stray dogs. More dog catchers are being hired. A special education course is being conducted in order to raise the standards of the so-called "dog killers." This name is being abolished, and an arm band with the name "dog catcher" is being substituted. Licenses and uniforms are also being issued. The role of the dog catcher in community health is being well stressed.

b. ARTIFICIAL BREEDING PROGRAM:

This program is showing an increase in the number of milk and draft cattle being bred each year. Akita and Iwate Prefectures show no progress and very little interest in the advancement of this phase of activity. However, the farmers in the remaining prefectures are showing a continued interest in the advantages this program offers.

c. MILK SANITATION:

(1) The improvements made in the larger dairies throughout the region are most encouraging. The smaller dairies are, wherever possible, trying to unite together in order to build one good dairy and thereby meet the new Milk Standard Law which goes into effect 16 April 1951. However, there will be small plants in country districts where travel by the inspectors is difficult, so these plants will, no doubt, continue old methods.

(2) Dairy films were shown to approximately 2,000 dairymen throughout this region. These films were well received and a great deal of interest was evident.

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Annex B-1, Public Health Activities, Cont'd

d. FOOD HANDLERS TRAINING COURSE:

Since the initiation of this course last July, the program is gaining momentum. A total of 13,500 food handlers have graduated, each receiving a diploma signifying successful completion. Waitresses, butchers, cooks, ice candy handlers, and school kitchen employees are among those who graduated.

e. INFECTIOUS DISEASE CONTROL:

There were no large outbreaks of any animal diseases. Areas that have broken out sporadically with hog cholera were held in check. Due to the excellent quarantine and disease control efforts of Fukushima and Niigata Prefectures, bovine influenza was checked and did not spread to any other prefecture in Tohoku Region. All prefectures are testing for bovine TB, infectious anemia, pullorum disease, and brucellosis on schedule.

5. SANITARY ENGINEERING

a. ENVIRONMENTAL SANITATION:

Most prefectures still conducted the winter sanitation program in accordance with the Ministry of Welfares recommendations. Activities included typhus control, rodent control, training courses, school children dusting, and general sanitation inspections. There is still more need for public education through radio, newspapers, lectures, demonstrations, movies, and other aids.

b. INSECT AND RODENT CONTROL:

Emphasis this month was placed on the organization of the summer sanitary teams. Many prefectures claim there are not sufficient funds from the equalization grant for insect and rodent control activities and would like to have government aid. There is entirely too much emphasis placed on chemical warfare and not enough on the teachings of basic sanitation. After reviewing prefectural reports, it appears that the DDT dust is wasted in many instances and gives people a false sense of security. More refresher courses having ample demonstrations and other visual guides are needed.

c. WATER SUPPLY:

(1) Two guards at the water plant in Aomori City were found to be dysentery carriers. The guards were replaced, the filters were cleaned, and the chlorine residuals were increased to 0.2-0.4ppm throughout the city.

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(2) Miyako City, Iwate Prefecture, is drying up. From the information received, it appears that the water levels of the wells in Miyako have been lowered considerably due to the new well constructed by the Rasa Industrial Company, Ltd. An injunction to the company was issued by the city to temporary stop pumping, and the water levels were restored to 90% of the drawdown. A special report will be submitted regarding this condition.

d. WASTE DISPOSAL:

Trash and waste collections were hindered by the snows in the northern prefectures. General waste collection and disposal still needs improvement.

6. NURSING AFFAIRS

a. HOSPITAL INSPECTIONS:

There is a feeling in this region that the nursing sections need a more definite guide for hospital inspections and clinical refresher courses. The Reference Manual for Nurse Administrators prepared by Kanto Region is being used as a basis for the preparation of the guide. However, the nurses have not agreed to a small committee or other work group conference to work up the material. The opinion seems to be that a gathering of less than fifty people is not valuable.

b. NATIONAL EXAMINATION:

Many of the public health nurses feel that there is no need to take the National Examination. They can find no advantage in taking the examination since the Prefectural Nursing Section has interpreted Article 51 of Law #203 to mean that any licensed nurse can transfer from one prefecture to another on her prefectural license.

c. HO-HATSU No. 3:

Akita Prefecture plans to approve all hospitals who apply for additional payment for "complete nursing" regardless of conditions in the hospital. One reason for this is that it is felt that the points on nursing are too low and approval will encourage the hospital to establish an adequate nursing service. Iwate Prefecture intends to ignore Items 1"a" and "c" because "a" only requires "three shifts," hours not specified, and "c" "contradicts" the Health Insurance Law, Chapter IV, Article 43. This "contradiction" arises from the interpretation of the Insurance Law in regard to payments for "nursing." The

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Japanese are interpreting this to mean "attendants." Therefore, since the law allows attendants and the directive forbids them, the inspectors approve hospitals with attendants.

d. REQUESTS FOR VISITS:

31 hospitals in this region sent in written requests for a visit by the CA nurse. Only two gave specific reasons for wanting help. Shibata National Hospital had a fire that destroyed the TB ward and Morioka Municipal has a new director who does not believe that a 24-hour nursing service is needed. Plans have been made to visit both hospitals.

e. SCHOOLS:

There are eleven approved Class "A" schools of nursing in this region with a total student possibility of 930. There are ten approved Class "B" schools with a total student possibility of 420. Each prefecture has at least one school of each type. Odate Hospital has decided, after five years and one failure to pass a Japanese inspection, to improve their hospital to meet the nurses training regulations.

7. OTHER:

The Sendai CIC office informed this headquarters on 3 April 1951 that quarantine proceedings at Kamaishi City, Iwate Prefecture, and Shiogama City, Miyagi Prefecture, would henceforth be suspended. Hereafter ships would have to be quarantined at Hakodate or Yokohama before entering the above two ports. The quarantine proceeding at Kamaishi and Shiogama had been initiated in 1950 through a mis-interpretation of a National Government regulation.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

THE GOVERNMENT OF SAITAMA PREFECTURE
URAWA CITY, SAITAMA PREFECTURE

SLO-198 1 April 1951

SUBJECT: REPORT ON STATUS OF SANITARY ENGINEERS AND SANITARIANS

THRU : KANTO LIAISON & COORDINATION OFFICE

TO : HQ., KANTO CIVIL AFFAIRS REGION
(ATTENTION: CHIEF OF PUBLIC HEALTH SECTION)

1. Reference is made to Memorandum KCAR, file KPH-721, subject: "Status of Sanitary Engineers and Sanitarians", dated 16 March 1951.

2. a. The number of graduates, names and date of graduation from the National Institute of Public Health having taken the Sanitary Engineering Course.

No. of graduates	Name	Date of graduation
1	Shigeyoshi Nishihara	7 Aug. 1948

(1) The position that each graduate now fills in the public health department or other department.

Chief of Water-works sub-section, Public Health Section, Public Health Department.

(2) The names of those who are expected to attend the next course at the National Institute of Public Health.

Undecided

(3) Are there any vacancies in the public health department for sanitary engineers?
If so, what is being done to fill them?

There is no vacancy at present but for the purpose of strengthening the sub-section procedures are being taken for employing one person in April.

Received
K.L.C.O.
26.3.30
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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(4) If no people are expected to attend the next course, why not?

It is scheduled that the person who is to be employed in April will attend the course.

(5) The qualifications and ratings given for these positions.

Name	Qualifications	Rating
Shigeyoshi Nishihara	Third class technician, assigned to Public Health Section Chief of Water-works Sub-section	Salary: 8th grade No. 2

b. The numbers, names, and date of graduation of graduates of the National Institute of Public Health having taken the sanitarians' course.

No. of graduates	Name	Date of graduation
4	Saiji Shinkai	19 Mar. 1949
	Takeo Nomura	25 Mar. 1950
	Moriji Kato	27 Sept. 1950
	Noriyuki Murata	28 Mar. 1951

(1) The position that each graduate now fills in the public health department.

Name	Section where he is assigned	Title	Position
Saiji Shinkai	Public Health Sect.	3rd class technician	Chief of Environment sanitation sub-section
Takeo Nomura	"	"	Environment sanitarian
Moriji Kato	Urawa Health Center	"	"
Noriyuki Murata	Kawaguchi Health Center	"	"

(2) The names of those expected to attend the next course for sanitarians.

Naoyuki Morisawa	Non-regular Environment sanitarian, Kawaguchi Health Center.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(3) Are there any vacancies in the public health departments for sanitarians? If so, what is being done to fill them?

One (1) vacancy

It is slated to fill it after executing an examination in April.

(4) If no people are expected to attend the next course, why not?

Not applicable

(5) The qualifications and ratings given for those positions

Name	Qualification	Rating
Saiji Shinkai	Assigned to Public Health Section. 3rd class technician Chief of Environment sanitation sub-sect.	Salary: 8th grade No. 6
Takeo Nomura	Assigned to Public Health Section. 3rd class technician	7th grade No. 6
Moriji Kato	Assigned to Urawa Health Center. 3rd class technician	8th grade No. 9
Noriyuki Murata	Assigned to Kawaguchi Health Center. 3rd class technician	6th grade No. 8

FOR THE GOVERNOR:

Y. Hiyama

YUKIO HOYAMA
Chief of Medical
Administration Sect.
Saitama Pref. Government.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

YAMANASHI PREFECTURE

28 February 1951

TO : Public Health Section,
Kanto Civil Affairs Region

THRU : Kanto Liaison & Coordination Office, Tokyo

FROM : Yamanashi Ken Governor

SUBJECT : Status of Sanitary Engineers & Sanitarians.

In accordance with your request thru KLCO on this subject we report you as follows:

a. The number of graduates, names and date of graduation from the National Institute of Public Health having taken the Sanitary Engineering Course.

2 persons

1) The position that each graduate now fills in the public health department or other department.

Name	Date of the Graduation	Position	Qualification & Rating
Kōichi Nakayama	15 Sept. '47	-	Resigned
Hideharu Kōno	30 Nov. '48	Chief of Water & Drainage Affairs Unit, P.H. Section	Assistant Engineer, Salary: Grade 4, Class 5

2) The names of those who are expected to attend the next course at the National Institute of Public Health.

None

3) Are there any vacancies in the public health department for sanitary engineers? If so, what is being done to fill them?

None

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

4) If no people are expected to attend the next course, why not?

None eligible here at present.

5) The qualifications and rating given for these positions.

Refer to Para. (1)

b. The numbers, names, and date of graduation of graduates of the National Institute of Public Health having taken the sanitarians' course.

13 persons

1) The position that each graduate now fills in the public health department.

Name	Date of the Graduation	Position	Qualification & Rating
Tadao Nakamura	15 Sep. '47	Chief of Food Sanitarian Unit, Yoshida P.H. Center	Engineer, Salary 6-5
Masasuke Shimizu	15 Dec. '47	Chief, Medicine Distribution Unit, Medicinal Affairs Section	" " 8-6
Asashi Imai	27 Mar. '48	Food Sanitarian, Kofu P.H. Center	Assistant Engineer, Salary 5-5
Hiroyasu Yamamoto	'48	Chief, Food Sanitarian Unit, Ogasawara P.H.C.	Engineer, Salary 5-9
Takejiro Shinohara	'48	Chief, Sanitary Engineering Unit	" " 5-6
Yoshio Amemiya	23 Dec. '48	Chief, Acute Epidemic Control Affairs Unit, P.H. Section	" " 6-5

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Akira Takano	23 Dec. '48	Chief, Food Sanitarian Unit, Minobu P.H.C.	Engineer, Salary 5-5
Takeo Nakazawa	5 Mar. '49	Chief, Food Sanitarian Unit, Kusakabe P.H.C.	" " 6-4
Kinya Watanabe	27 Jan. '49	Chief, Food Sanitarian Unit, Yoshida P.H.C.	" " 6-3
Toshio Kojima	25 Sep. '49	Chief, Food Sanitarian Unit, P.H. Section	" " 5-10
Tsunami Ishikawa	25 Dec. '49	Chief, Food Sanitarian Unit, Kofu P.H.C.	" " 5-9
Hideo Ishiwatari	27 Mar. '50	Chief, Sanitary Engineering Unit	" " 5-10
Isao Kusayama	28 Mar. '51	Sanitarian	Secretary, Salary 4-3

2) The names of those expected to attend the next course for sanitarians.

Engineers: Sakuemon Hosoda, Hachiro Saito, Rokuro Horiuchi, Niichi Sonoda, Jitsuo Kobayashi, Kazuo Shinoda, Yoshitake Asada, Teiichi Ogino, Yasushige Kobayashi, Atsuo Gyobu, Takeshi Nitta

Secretary: Mitsugi Miyano

3) Are there any vacancies in the public health departments for sanitarians? If so, what is being done to fill them?

None applicable

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4) If no people are expected to attend the next course, why not?

None applicable

5) The qualifications and ratings given for these positions.

Refer to Para. (1)

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597

PREFECTURAL GOVERNMENT
of
YAMANASHI

Sho No. 227

28 March 1951

SUBJECT: Status of Sanitary Engineers & Sanitarians

TO: Dr. Vitold Jankowski,
Chief of Public Health Section,
Kanto Civil Affairs Region,
APO 500

THRU: Kanto Liaison & Coordination Office

In compliance with your Memorandum, Hqs, KPH 721, 16 Mar. '51, Subject: Status of Sanitary Engineering and Sanitarians, we hereby submit to your office our report as attached herewith.

Katsuyasu Yoshie

KATSUYASU YOSHIE
Governor

1 Incl:

Status of Sanitary Engineers & Sanitarians

Received
K.L.O.O.
26. 3. 31
LLMB

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

GHQ
587 section

NAGANO PREFECTURAL GOVERNMENT
MEDICAL SECTION

File: NLS-1816.
March 27, 1951.

TO: Chief of Kanto Civil Affairs Region
Attention: Public Health Section

THRU: Kanto Liaison & Coordination Office

SUBJECT: Status of Sanitary Engineers and Sanitarians

We hereby report on the above subject which was requested to report in accordance with the Memorandum KPH 721, dated on Mar. 16, 1951 as per attached.

For th Governor: S. Kurashina
S. KURASHINA,
Chief, Liaison Section

NK/TM

KANTO M.G. REGION
MAR 31. 1951
CMS
TAG

Received
K.L.O.O.
26.3.31
TEMS

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Status of Sanitary Engineers and Sanitarians

a. The number of graduates, names and date of graduation from the National Institute of Public Health having taken the Sanitary Engineering Course.

Number of graduates - 4

Names & Date of Graduation -

Name	Date of graduation
Yoshihiro Hishida	Aug. 7, 1948
Koshiro Otani	Nov. 30, "
Shoei Saito	April 12, 1949
Takayuki Yoshizawa	July 24, "

(1) The position that each graduate now fills in the public health department or other department:

Name	Present Position
Yoshihiro Hishida	Public Works Dep't. River Section Water Utilization Div. member
Koshiro Otani	Public Health Dep't. Pharmaceutical Section, Poisonous & Strong drugs Div. Number
Shoei Saito	Public Health Dep't. Prevention Sect. Chief in charge of water work, sewage, cleaning, garbage disposal work
Takayuki Yoshizawa	Nagano city Office Water Work Sect. Chief in charge of sanitary engineering

(2) The names of those who are expected to attend the next course at the National Institute of Public Health.

None

(3) Are there any vacancies in the public health department for sanitary engineers? If so, what is being done to fill them?

None

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(4) If no people are expected to attend the next course, why not?

Due to qualification to take the course is difficult comparing with other re-education courses, qualified person is not found now.

(5) The qualifications and rating given for these positions:

Those graduates of re-education course are employed as technicians priority to other people.

No special promotion or raise of salary because of graduation of re-education course. But for the reference we hereby show present rating of those graduated the course.

Name	Rating
Yoshihiro Hishida	7th Class, 7th rating (¥8,100)
Koshiro Otani	5th Class special (¥6,500)
Shoei Saito	7th Class, 7th rating (¥8,100)
Takayuki Yoshizawa	7th Class, 5th rating (7,500) (city office salary rating)

b. The numbers, names, and date of graduation of graduates of the National Institute of Public Health having taken the sanitarians' course.

No. of graduates - 16

Name & Date of graduation -

Name	Date of graduation
Mitsuhiko Kubota	Sept. 15, 1947
Uhei Maezawa	Dec. 23, 1947
Mitsuo Kanbayashi	Mar. 31, 1948
Takashi Yoneyama	July 3, 1948

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Name	Date of Graduation
Hisayoshi Ito	Oct. 2, 1948
Shoji Kosuge	Dec. 23, "
Shigemichi	Mar. 22, 1949
Takeshi Kitazawa	June 30, "
Hideji Toyoda	Sept. 24, "
Yasuaki Murasawa	Dec. 23, 1949
Hiroshi Naruta	Mar. 29, 1950
Shuzaburo Usuda	June 30, "
Bunji Osumi	Sept. 27, "
Gen Uehara	Dec. 20, "
Tsuneo Ueda	Mar. 28, 1951
Giichi Shido	Mar. 28, "

(1) The position that each graduate now fills in the public health department:

Name	Present position
Mitsuhiko Kubota	Pharmaceutical Section
Uhei Maezawa	Public Health Section
Mitsuo Kanbayashi	Transfer to Welfare Ministry
Takashi Yoneyama	Public Health Section
Hisayoshi Ito	Omachi Health Center
Shoji Kosuge	Ueda " "
Shigemichi Fujiwara	Nakano " " (Sanitary Div. Chief)
Takeshi Kitazawa	Nagano " "
Hideji Toyoda	Matsushiro " " (General Affairs Div.Chief)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Name	Present Position
Yasuyuki Murasawa	Iida Health Center
Hiroshi Naruta	Suwa " "
Shuzaburo Usuda	Komoro " "
Bunji Osumi	Ina " "
Gen Uehara	Public Health Section
Tsuneo Ueda	Suwa Health Center
Giichi Shido	Public Health Section

(2) The names of those expected to attend the next course for sanitarians:

Masasuke Kawano

(3) Are there any vacancies in the public health departments for sanitarians? If so, what is being done to fill them?

None

(4) If no people are expected to attend the next course, why not ?

None

(5) The qualifications and ratings given for these positions:

Name	Salary rating
Mitsuhiko Kubota	6th Class, 11th rating
Uhei Maezawa	6th " 7th "
Mitsuo Kanbayashi	-
Takashi Yoneyama	6th Class 7th rating
Hisayoshi Ito	5th " (6,100)
Shoji Kosuge	6th " 10th rating

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Name	Salary rating
Shigemichi Fujiwara	6th Class 7th rating
Takeshi Kitazawa	5th Class (¥6,500)
Hideji Toyoda	7th Class 6th rating
Yasuaki Murasawa	6th " 7th "
Hiroshi Naruta	5th Class (¥6,300)
Shuzaburo Usuda	6th " 11th rating
Bunji Osumi	5th Class (¥6,700)
Gen Uehara	¥5,500 per month
Tsuneo Ueda	5th Class (¥6,100)
Giichi Shido	¥6,300 per month

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

616

LIAISON OFFICE
TOKYO METROPOLITAN GOVERNMENT

(23) 1001
Tel. (23) 1181
(23) 1385

2 - APR 1951

T.L.C.O.-R. No. 338-1

SUBJECT: Status of Sanitary Engineers and Sanitarians

TO : Headquarters, Kanto Civil Affairs Region
(Att'n: Public Health Section)

1. Reference is made to memorandum, KCAR, KPH 721, subject: "Status of Sanitary Engineers and Sanitarians" dated 16 March 1951.

2. Enclosed herewith is submitted the information sent by the Bureau concerned.

F. Komatsu

FUJIYOSHI KOMATSU
Acting Director of Liaison Office,
Tokyo Metropolitan Government

Incl:
As indicated above.

Received
K.L.C.O.
26. 4. -2
TIME

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

a. 1. As for Memorandum a, and a (1) and (5) thereof, they are reported as follows:

Name	The Date of Graduation	Present Post	Capacity	Rand and Wage Bracket
Keiji CHIBA	27 Nov 1948	The foreman	Engineer	8:6
Hiroshi NIKAIDO	"	The design business clerk	"	7.8
Hideo FUJII	16 Apr 1949	The tester of aquatic quality	Ass't Engineer	6.11
Kenichi SHIMADA	23 Jul 1949	The foreman	Engineer	8.6
Nagaji NAKAJIMA	"	The clerk for maintenance of contaminated water disposal plant	"	9.7
Kyoji UENO	25 Dec 1949	The Ass't foreman	Ass't Engineer	6.10
Masayuki KUSUNOKI	"	The team leader	Engineer	9.8
Saburo EBINA	"	The tester of aquatic quality	"	8.9
Kinji ISHIZUKA	30 Jun 1950	The design business clerk	Ass't Engineer	8.6
Rokuro SAWAYANAGI	"	The tester of aquatic quality	"	6.8
Ryozo NAGASAKI	"	"	"	6.7
Yasuhisa IWASAKI	28 Mar 1951	The ass't foreman	"	6.10
Susumu TANAKA	"	"	"	6.8
Mitsuru KOJIMA	"	The tester of aquatic quality	"	6.6

Total 14 Persons

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2. As for a (2), it is reported as follows:
(The names of those who are to receive the next training course)
kunimitsu JINBO
Tatsuyuki KAWAI
Shizuka HAMAMATSU
Katsura KASHIMURA
Kenji MATSUSHITA

3. As for a (3), there is no vacancy for a sanitation expert to be filled.

4. As for a (4), it covers the same persons listed in the above par. 2 as those slated to receive the training course, showing none applicable to it.

b.

1. Memorandum b, and b (1) and (5) thereof are reported as follows:

Name	The Date of Graduation	Present Post	Capacity	Rand and Wage Bracket
Takeo SEKI	15 Sep 1947	The business management team leader	Engineer	10.6
Koji SHIMADA	"	Chief of Veterinary Section	"	10.4
Yuji MIZUTANI	"	The full-time supervisor	"	Retired from service
Masao AOKI	23 Dec 1947	The Investigation team leader	"	10.6
Chinatsu KAWABATA	"	The full-time supervisor	"	Retired from service
Masahiko MINAKAMI	"	"	"	8.8
Toru Ikeda	27 Mar 1948	"	"	9.8
Hiroshi MIKI	"	"	"	7.9
Taketoshi YOSHIHARA	"	"	"	7.7
Kiyohisa NAGANUMA	3 Jul 1948	"	"	7.7
Mutsu SAMEYAMA	"	"	"	7.9
Yasushi SABURI	"	Chief clerk of Investigation	"	10.5
Shigeru HASHIMOTO	2 Oct 1948	The Inspection team leader	"	10.7

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Kohei MATSUMOTO	2 Oct 1948	The full-time supervisor	Engineer	7.9
Tadashi MORITO	"	Chief, Food and Veterinary Sub-section of Health Centre	"	8.7
Masaji IKEDA	23 Dec 1948	Chief clerk of Administration	"	6.9
Kosaku MAEJIMA	"	Chief, Food and Veterinary Sub-section of Health Center	"	7.8
Jyotaro TANAKA	2 Oct 1948	The full-time supervisor	"	8.10
Jiro MITSUI	19 Mar 1949	Chief, General Affairs and sanitation Section	Office Secretary	11.5
Shiro HANAZAWA	"	Chief, Sub-section of Environment Sanitation	Eng'r	10.6
Seitoku YAMADA	30 Jun 1949	The full-time supervisor	"	8.7
Sakae KOBAYASHI	"	Chief clerk of Inspection	"	7.9
Masahiko ICHIKAWA	"	Chief, Food and Veterinary Sub-section of Health Centre	"	8.7
Masatsune KOGUSHI	24 Sep 1949	The full-time supervisor	"	6.11
Tokuo UJIHARA	"	"	"	7.8
Tokuichi ITO	"	"	"	8.7
Takeo MUKITA	"	"	"	8.6
Sakae SHINOMIYA	23 Dec 1949	Chief, Food and Veterinary Sub-section of Health Centre	"	8.6

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Misao NOGAMI	23 Dec 1949	Chief, Sanitary Education Sub-section	Office secretary	9.8
Minoru OTA	"	Chief, Environment Sanitation Sub-section	"	9.7
Tomekichi UCHINO	"	"	"	9.8
Motonobu ARAI	29 Mar 1950	Chief, Food and Veterinary Sub-section of Health Centre	Engineer	8.10
Yoshimitsu WATANABE	"	"	"	8.6
Kano YOSHIDA	"	"	"	8.6
Shumei KASAOKA	"	"	"	8.7
Hisao UMETA	"	The full-time supervisor	"	7.9
Hisanori MIYAKE	"	"	"	8.6
Chitose TEZUKA	30 Jun 1950	Chief, Food and Veterinary Sub-section of Health centre	"	8.8
Hidemi YAMAGISHI	"	"	"	8.9
Junji ASAKAWA	"	The full-time supervisor	"	7.9
Kei KONO	"	"	"	Ret'd from service
Katsuhiko TAKAGI	"	"	"	6.9
Furumi TATEOKA	"	"	"	7.6

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Yoshiaki OGAWA	27 Sep 1950	The full-time supervisor	Engineer	8.8
Kiyoshi KAIZU	"	Chief, Food and Veterinary Sub-section of Health Centre	"	8.6
Shiro YAGITA	20 Dec 1950	"	"	8.8
Kameshichiro SATO	"	"	"	8.6
Shiro NAKAMURA	"	The full-time supervisor	"	7.8
Nobuhiko OKUBO	to graduate on 28 Mar 1951	Chief, Food and Veterinary Sub-section of Health Centre	"	8.8
Toshimitsu NAKAO	"	The full-time supervisor.	"	8.8
Hideo TAKEUCHI	to graduate on 28 Mar 1951	The full-time supervisor	"	6.9
Yoshio KONO	"	"	"	7.7
Sadahiko UMEZAWA	20 Dec 1949	"	"	7.8
Hajime KOMUKU	25 Mar 1950	"	"	6.10
Einosuke TANAKA	20 Dec 1949	"	"	6.10
Masayuki HAYASHIDA	25 Mar 1950	"	"	6.9
Shintaro ENOMOTO	"	"	"	7.9
Masaki HARUKAWA	"	Chief Environment Sanitation Sub-section	"	9.10

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Seiichi HOTTA	"	The full-time supervisor Chief, Environment Sanitation Sub-section	"		7.6
Giichiro KURODA	30. Jun 1950	"	"		8.7
Kiyoshi HIRATSUKA	"	The full-time supervisor	"		7.10
Soichiro YASUMOTO	"	"	"		6.11
Tatsuzo ONO	"	Chief, Environment Sanitation Sub-section	Office secretary		9.7
Kozo TAKUCHI	"	The full-time supervisor	Eng'r		7.6
Hiroshi TOKUNAGA	"	Chief, Environment Sanitation Sub-section	Office secretary		9.6
Takamitsu OKUBO	27. Sep 1950	The full-time supervisor	Eng'r		7.9
Ryuzo SUGASA	"	"	"		7.9
Hiroaki SUGIMORI	"	"	"		6.8
Reisuke TOMITA	"	"	"		7.6
Matajiro YONEKURA	20 Dec 1950	Chief, Food and Veterinary Sub-section of Health Center	"		7.7
Kiyii SAKAMOTO	"	Chief, Environment Sanitation Sub-section	"		10.8
Tanin KATO	"	The full-time supervisor	"		7.6
Hikojiro NEGISHI	28 Mar 1951	"	"		7.8

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Kenji IDE	"	"	6.3
Morinito KAZAMI	"	"	7.8

Total 75 persons

2. b (2) of the above Memorandum is reported as follows:

(The names of these who are to receive the next training course)

Kenji KOYAMA
Hideo KUROKAWA
Yoshikatsu NAKANISHI
Keiichi OTABE
Senichi ENDO
Mitsuo KISHIMOTO
Isamu ITO
Yasuo NODA

3. As for b (3), there are vacancies to be filled for the sanitation supervisors.

Accordingly, the steps are being taken in that the assistant engineers working as the assistant sanitation supervisors have been successively appointed to fill those vacancies by way of selection after the test given to them, if qualified for a full employment service.

4. As for b (4), it is applicable to none, as the same persons appearing in the foregoing Par. 2 are slated to receive the training course.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

LIAISON SECTION
CHIBA PREFECTURAL GOVERNMENT

Mar. 30, 1951

To : Chief, Kanto Civil Affairs Region.

Attn: Public Health Section.

Thru: Kanto Liaison & Coordination Office.

From: Chief, Medical Affairs Section,
Chiba Pref. Gov't.

Subj: Status of Sanitary Engineers & Sanitarians.

In reply to your inquiry, I hereby submit a report to you as follows:

a. The number of graduates, names and date of graduation from the National Institute of Public Health having taken the Sanitary Engineering Course:

(1) The position that each graduate now fills in the public health department or other department:

Name of Section	Name	Date of completion	Remarks
Medicament Section	Jun Osawa	Mar.28, 1948	Retired from office May 31,'49
Public Health Sect.	Hisanao Yamashita	Dec.23, 1949	Retired from office Jun.30,'50

(2) The names of those who are expected to attend the next course at the National Institute of Public Health:
Undecided

(3) Are there any vacancies in the public health department for sanitary engineers?
None

(4) If no people are expected to attend the next course, why not?
Sanitary engineers are expected to be newly adopted.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(5) The qualifications and rating given for these positions

Name of Section	Public office	Rating	Qualification	Name	Remarks
Medicament Sect.	3rd grade engineer	Grade 7, No. 3	Pharmacist	Jun Osawa	At the time when retiring from office
Public Health Sect.	2nd grade engineer	Grade 9, No. 3	Physician	Hisanao Yamashita	Do

b. The numbers, names, and date of graduation of graduates of the National Institute of Public Health having taken the sanitarians' course.

(1) The position that each graduate now fills in the public health department :

Place of employment	Name	Date of completion	Remarks
Public health Sect.	Tadashi Hayashi	Dec. 10, '47	
Do	Masakichi Kimizuka	Oct. 3, '48	
Do	Yoshio Ono	Jun. 15, '49	Retired from office in March, 1951
Kamogawa Health Center	Katsukiyo Hishiki	Feb. 20, '48	
Central Health Center	Yasusuke Uchida	Jun. 25, '48	
Do	Kimitoshi Oihira	Dec. 20, '48	Retired from office, Feb. 20, 1950
Yokaichiba Health Center	Fumio Oki	Mar. 28, '51	
Matsodo Health Center	Sukeshiro Kakiuchi	Dec. 20, '50	

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(2) The names of those expected to attend the next course for sanitarians :

Name of health center	Official position	Qualification	Type of occupation	Name	Remarks
Central Health Center	3rd grade engineer	Veterinarian	Food sanitation isnpector	Katsuo Sakuma	
Matsudo Health Center	Do	Do	Do	Manji Kaneko	
Noda Health Center	Do	Do	Do	Hidezo Yoshioka	

(3) Are there any vacancies in the public health departments for sanitarians ? If so, what is being done to fill then?
None

(4) If no people are expected to attend the next course, why not? No need for reply.

(5) The qualifications and ratings given for these positions.

Place of employment	Official position	Rating	Qualification	Name	Remarks
Public Health Sect.	3rd grade engineer	Grade 6, No. 6	Pharmacist	Tadashi Hayashi	Food sanitation inspector
Do	Do	Grade 5, No. 5		Masaichi Kimizuka	Do
Do	Do	Grade 7, No. 6	Nutritionist	Yoshio Ono	Do(Retired from office in Mar., 1951)
Kamogawa Health Center	Do	Grade 6, No. 5	Pharmacist	Katsukiyo Hishiki	Do
Central Health Center	Do	Grade 6, No. 6	Veterinarian	Yasusuke Uchida	Do

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Central Health Center	3rd grade engineer	Grade 5, No. 7	Veterinarian	Kimitoshi Oihara	Do(Retired from office Feb. 20,1950)
Yokaichiba Health Center	Do	Grade 6, No. 2	Do	Fumio Oki	Do
Matsudo Health Center	Petty employee	Grade 5, No. 1	Do	Sukeshiro Kakiuchi	Sanitary engineering inspector

For the chief:

Signed by: K. Kishiro
Kazuo Kishiro,
Chief, Liaison Sect.,
Chiba Pref. Gov't.

Received
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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Dr. Adams
Dr. Hashimoto

Kanagawa Prefectural Government

Yokohama, 31 March 1951

Subject : Status of Sanitary Engineers and Sanitarians

To : Chief, Kanto Civil Affairs Region
Attn : Public Health Section

Through : Kanto Liaison and Coordination Office

Attached is a report on status of sanitary engineers and sanitarians requested by your office with Memorandum KPH 721, dated 16 March 1951, which has been submitted from the chief of Public Health Section (Mr. Hashimoto, in direct charge of the report).

Yui Shirane,
For Chief,
Liaison Division

1 Incl:
Status of sanitary engineers and sanitarians

Received
K.L.O.O.
26. 4. -2

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(as of 30th March 1951)

1)

a) Graduates from the sanitary engineering department of the National Institute of Public Health having taken the sanitary engineering course

Name	Age	Date of graduation	Present service & position	Rating
Naoji Ohya	27	27 Nov. 1948	Food sanitation sub-divis- ion, Public Health Division, Technical official	6 Kyu 7 Go
Hiroshi Tokutomi	26	16 Apr. 1949	Water-supply sub-division, River & harbor Division, Civil Engineer Section. Technical official	8 Kyu 2 Go
Nobuo Muto	25	23 July 1949	Chemical Division, Sanit- ary Laboratory. Part-time official	6 Kyu 5 Go
Sadae Kubota	26	30 June 1950	Investigation sub-division, River & Harbor Division, Civil Engineer Section. Technical official	7 Kyu 1 Go

4 person Total

b) The names of those who are expected to attend the next course at the National Institute of Public Health.

Now under consideration among 3 or 4 qualified persons

c) There are no vacancies for sanitary engineers at present

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(as of 30th March 1951)

2)
a) Graduates from the sanitarians' department of the National Institute of Public Health having taken the sanitarians' course.

Name	Age	Date of graduation	Present service & position	Qualification & rating
Susumu Tenaka	48	23 Dec. 1947	Sanitary Division, Atsugi Health Centre. Technical official	Food sanitarian. 7 Kyu 7 Go
Tokuji Kanasugi	30	3 July 1948	Sanitary institution sub-division, Public Health Division. Technical official	Surroundings sanitarian. 6 Kyu 8 Go
Shizuo Ohbu	44	2 Oct. 1948	Sanitary Division, Hiratsuka Health Centre. Technical official	Food sanitarian. 7 Kyu 7 Go
Kazuo Sekimoto	40	23 Dec. 1948	Food sanitation sub-division, Public Health Division. Technical official	Food sanitarian. 8 Kyu 6 Go
Katsushi Murakami	36	12 Mar. 1949	Sanitary Division, Odawara Health Centre. Technical official	Surroundings sanitarian. 7 Kyu 4 Go
Hachiro Komuro	31	24 Sept. 1949	Sanitary Division, Matsuda Health Centre. Technical official	Surroundings sanitarian. 6 Kyu 7 Go
Tadanobu Isozaki	39	23 Nov. 1949	Sanitary Division, Fujisawa Health Centre. Technical official	Food sanitarian. 7 Kyu 4 Go
Kiichi Ishii	30	30 June 1950	Sanitary Division, Odawara Health Centre. Technical official	Food sanitarian. 6 Kyu 8 Go
Rei Takada	26	27 Sept. 1950	Sanitary Division, Hiratsuka Health Centre. Technical official	Food sanitarian. 6 Kyu 7 Go
Kan Yoshii	22	20 Dec. 1950	Sanitary institution sub-division, Public Health Division. Technical official	Surroundings sanitarian. 5 Kyu 4 Go
Masaru Ono	22	20 Dec. 1950	Veterinary affairs sub-division, Public Health Division. Part-time official	5 Kyu 4 Go
Tohru Tanaka	35	28 Mar. 1950	Sanitary institution sub-division, Public Health Division. Technical official	Surroundings sanitarian. 7 Kyu 6 Go

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Katsumi Yoshida	27	28 Mar. 1950	Food sanitation sub-division, Public Health Division. Technical official	Food sanitarian. 6 Kyu 8 Go
Iwao Kato	24	28 Mar. 1950	Veterinary affairs sub-division, Public Health Division. Part-time official	6 Kyu 2 Go
14 persons	Total			

b) The names of those who are expected to attend the next course at the National Institute of Public Health.

Takehiro Ogawa, food sanitarian, Fujisawa Health Centre

c) There are no vacancies for sanitarians at present .

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Mr. Allen
cwl

Ministry of Welfare - Spring Insect and Rodent Control Training Meeting

Program

22 March 1951

Time	Subject	Instructor
0900	Opening speech - Instructive address Purpose and reason for a spring training meetings; advance planning of summer infectious disease control program in accordance with the summer phase of the Yearly sanitation Program and its importance; importance of repetition of this training meeting by the prefectural sanitation man for Health Center personnel, who is turn repeat a similar meeting for city, town and village officials and sanitary team personnel before 1 May 1951; emphasize importance and necessity of receiving IPM training courses for sanitarians and sanitary engineers; arouse attention for those materials which should already be in the Health Center Sanitation Sections, such as Ei-Hatsu's 174, 342, 322-2; also the organization and plan of the sanitary team operation as issued in Eiken 107.	Chief Public Sanit. Bureau PH&W representative Chief, Env. San. Div.
1000	Insect and rodent control expenditures for 1951; explanation of Equalization Grants on insect and rodent control; importance of advising community mayors on efficient utilization of sanitation personnel as outlined in Cabinet Order #222.	Chief Env. San. Section Mr. Shina
1100	Explanation of laws, Cabinet Orders, Ministerial Ordinances, important Ei-hatsus, etc., pertaining to insect and rodent control and the summer sanitation program. (Art. 16-2 of Law 212, Cabinet Order 222, M/W Ordinance 44, Ei-hatsu 174, 342, 322-2, 843; Ei-ken 107; policy on legislating the provisions on the status, authority and qualifications of the Environmental Sanitary Inspector.	Mr. Shina
1300	Organization and responsibility of 1951 Insect and Rodent Control Program at prefectural level, city level, health center level and rural level. Coordination with National Spring "clean-up" Week and other groups as public information program.	Chief Env. San. Section
1400	Garbage storage, collection and disposal	Dr. Nagatome
1500	5% DDT, residual effect, spray demonstration	Dr. Wheeler, PH&W Santo

OMIT
IN APR 1951
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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Time	Subject	Instructor
23 March 1951		
0900	Role of Sanitary Teams and the Assistant Inspector, especially the purpose of the organization, responsibility and operation of these personnel.	Dr. Nagatome
1000	Review of 1950 communicable diseases traced directly or indirectly to poor environmental sanitation in Japan. (1) Dysentery (2) Japanese B encephalitis (3) Typhus (4) Typhoid (5) Para-typhoid and (6) Malaria	Chief, Communicable Disease Section
1100	Insect Control and Use of Insecticides - Ei-hatsu 342 Animal Barn Spraying Program - Ei-hatsu 322-2	Dr. Nagatome
1300	16 mm film showing insect and rodent control (1) The tale of DDT (2) Public Sanitation (3) Fly Control (4) Dysentery Control	Mr. Gonda
1500	Explanation and Operation of the assistant inspector-sanitary team demonstration	Mr. MacLaren PH&W
24 March 1951		
0900	Critique and discussion	All
1100	16 mm film "Winged Fever" on Hikone city malaria control	Dr. Kobayashi
1300	Critique and discussion	All

Reference:

(1) National Law 212, 30 May 1950. Law concerning special cases, etc, of the share of the National Treasury which included an amendment to the Infectious Disease Prevention Law, Art. 16-2 that cites responsibility for insect and rodent control.

(2) Cabinet Order 222, 7 July 1950. "Partial Amendments to the enforcement order of the Infectious Disease Prevention Law stating authorized sanitary team and assistant inspectors.

(3) Ministry of Welfare Ordinance #44, amends various Laws to give Environmental Sanitation Inspector authority for inspections.

(4) Ei-hatsu 174, 6 March 1950, Phases of a Yearly Sanitation Program.

(5) Ei-hatsu 342, 22 March 1950, Insect Control and Use of Insecticides.

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Time	Subject	Instructor

(6) Ei-hatsu 322-2, 17 April 1950, Barn Spraying Program

(7) Ei-hatsu 843, 15 Nov 1950, Standard Well Construction

(8) Ei-kan 107, 27 Sept 1950, Transmittal of Two Information Phamplets, (a) IM 5-632, Insect and Rodent Control and (b) Role of Sanitary Team and Inspector Organization.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

1.

狐川水質試験結果報告書

経済安定本部資源調査會
衛生部會水質汚濁防止委員會長
柴　田　三　郎

公衆衛生院　衛生工學部
荻　原　耕　一

1. 序語

山梨縣中巨摩郡南湖村の狐川筋に一皮革工場（早川工業所）があつて、そこからの工業廢水が狐川に汚濁を加え、下流の村民の公共水利用目的を阻害してゐるや否やが討議されてゐた。柴田、及荻原は山梨縣衛生部の依頼によつて昭和２６年３月６日現地に出張して問題となつてゐた川筋の要所要所の水質を試験したが、その結果は第一表に記す通りである。尙試験場所は第１圖に×印を以て示してある。溶存酸素，ＰＨ及水量は現地に於て測定し，Ｂ.Ｏ.Ｄ.（生物化學的酸素要求量）は試験方法の性質上試料を持ち歸つて國立公衆衛生院に於て測定した。

2. 試験結果

試験成績は第１表に記載する通りである。試験方法は水質汚濁防止委員會の制定した産業廢水試験法に據つたが，この方法は京水道協會の下水試験法と同一方法である。

皮革廢水は１分間に約６斗（約１立方米）の割合で試験中絶えず放流した。この量は１日作業から發生する約５００石を６時間に亘つて平均量づゝ絶えず放流するのに相當する。

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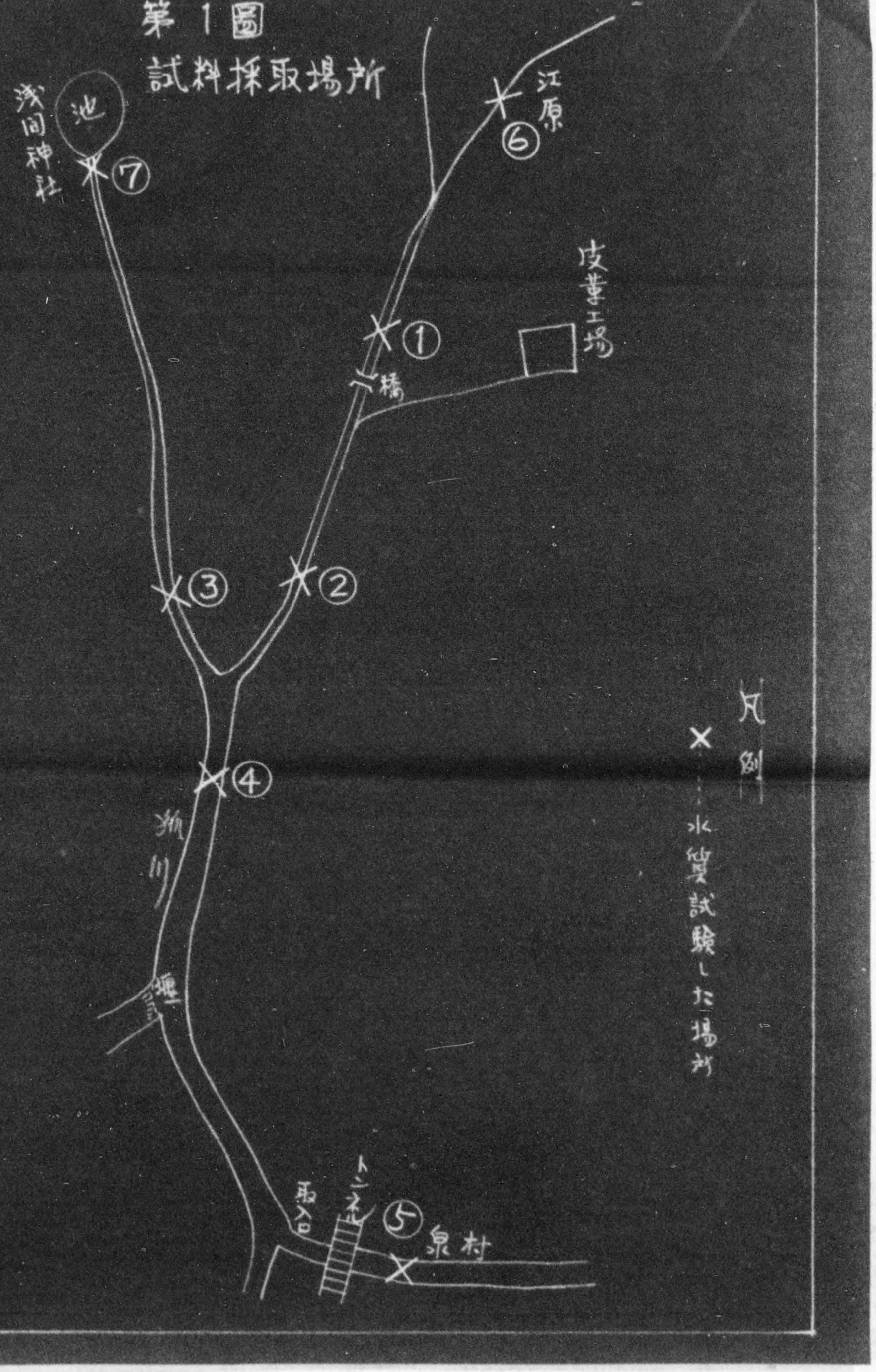
第1図
試料採取場所



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

2. 第1表　　狐川筋水質試驗成績

昭和26年3月8日：　天候・・・晴

番號	場所	時間	水量 ft3/sec	水溫 °C	PH	溶存酸素 PPM	B.O.D. (20 °C 5day) P.P.M.	大腸菌形群 1 cc 中
1	支流橋の上流	A.M. 10.30	10.0	12.0	7.4	9.08	0.2	13
2	皮革廠水の混じた10間下流	A.M. 11.0	10.6	12.3	7.4	8.30	3.42	4.9
3	淺間神社池からの川で支流との合流點近く	〃 11.20	15.7	13.8	7.3	8.56	0.3	35
4	狐川本流合流點下	A.M. 11.40	26.5	13.5	7.3	8.56	1.1	試驗セズ
5	泉村を貫流する取入流上流	P.M. 0.30	14.0	7.92	7.4	8.30	0.9	3.1
6	大井村江原	P.M. 2.10	4.1	12.5	7.1	8.56	0.6	4.5
7	淺間神社池出口	P.M. 2.30	試驗セズ	16.0	8.4	14.27	試驗セズ	試驗セズ

3, 試驗結果檢討

狐川は公共水であつて，しかも田畑からの浸透水，溢水等が混入し，川に沿つた民家の下水も亦放流されるので飲用水としてその儘利用出來ないから，その水質は公共水の汚濁限界點以上であれば，灌漑用水，

4	[illegible]合流點下	[illegible] 11.40	28.5	13.5	7.3	8.56	1.1	[illegible]
5	泉村を貫流する取入流上流	P.M. 0.30	14.0	7.92	7.4	8.30	0.9	3.1
6	大井村江原	P.M. 2.10	4.1	12.5	7.1	8.56	0.6	4.5
7	淺間神社池出口	P.M. 2.30	試驗セズ	16.0	8.4	14.27	試驗セズ	試驗セズ

3. 試驗結果檢討

狐川は公共水であつて，しかも田畑からの浸透水，溢水等が混入し，川に沿つた民家の下水も亦放流されるので飲用水としてその儘利用出來ないから，その水質は公共水の汚濁限界點以上であれば，灌漑用水，魚類生存用水，等に差支ない筈である。水質汚濁防止委員會の決議した汚濁限界點卽ち許容範圍は第2表の通りである。

第2表　公共水の許容範圍

生物化學的酸素要求量(B.O.D.) 20℃ 5日間	溶存酸素 (D.O.)	水素イオン濃度 PH	大腸菌形群
5 PPM 以下	5 PPM 以上	5.8 ～ 9.0	1cc 中 200 以上

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3.

狐川筋の水質試験結果である第1表を見ると，試料採取のどの箇所の水も公共水として及第してゐる。

皮革廃水の混じた直後，即ち㊁の場所の水のB.O.D.も3.42 PPMに止り，5 PPMに及んでゐない。溶存酸素は7.9 PPMである。泉村に流入した川水のB.O.D.は0.9 PPMであり，溶存酸素は7.9 PPMであり，この點から見ればA級の水である。但し大腸菌形群の數から云ふとB級の水と云ふべきであらう。大腸菌形群が表中の數字である點から見てその儘を飲用水としては危險であると考える。支流橋上の水中の大腸菌が1 cc中13であるのに，皮革廃水が混じたのち4.9に減じてゐるのは，主として廃水中のタンニン及石灰による消毒作用の結果である。

支流即ち㊃の水中の大腸菌形群が1 cc中13であること，及び狐川の本流と云つてよい㊂の場所の水中の大腸菌形群が55であるのは，田畑からの糞尿その他の流入，民家からの下水の混流が原因だと考えられる。泉村に達しての水中の大腸菌形群が1 cc中3.1に減少してゐるのは支流，本流合流しての下流に民家がなく，川の片側は堤防であつて田畑からの混入水も少いので，この間を流れる間に自然酸化及，川底への沈澱作用によつて淨化されたものと認められる。

4. 結　　語

皮革工場廃水の混じた狐川の水がその下流の民家附近を流れる場合に於て，公共水として如何なる水質かの實地試験結果は，汚濁限界點の檢査上に位し，大腸菌形群の點を除いては水質汚濁防止委員會の定めた公共水等級のAに當る。從つて皮革工場廃水による汚濁の影響は

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田畑からの糞尿その他の流入，民家からの下水の混流が原因だと考えられる。泉村に達しての水中の大腸菌形群が100中3.1に減少してゐるのは支流，本流合流しての下流に民家がなく，川の片側は堤防であつて田畑からの混入水も少いので，この間を流れる間に自然酸化及，川底への沈澱作用によつて淨化されたものと認められる。

4. 結　　語

皮革工場廢水の混じた狐川の水がその下流の民家附近を流れる場合に於て，公共水として如何なる水質かの實地試驗結果は，汚濁限界點の遙か上に位し，大腸菌形群の點を除いては水質汚濁防止委員會の定めた公共水等級のAに當る。從つて皮革工場廢水による汚濁の影響は殆んど見られない。大腸菌に對して皮革工場廢水は殺菌の效果を果してゐるとも云える。

5. 參　　考

(1) 水質汚濁防止委員會による公共水の等級は第2表の通りである。

(2) 早川皮革工場の廢水は現在何等河川汚濁の源になつて居らないが，更に完備した工場とする爲には第2圖に示す如き廢水處理設備を勸告する。この處理設備によれば現在の廢水の濃度を約80%だけ減ずることが出來るから，完成の上では狐川に對する廢水の影響は廢水混入直下と雖も極めて微小となるであらう。

附記——本調査に當つて，B.O.D.溶存酸素PHの試驗は柴田及荻原が之に當り，大腸菌形群の檢査は公衆衞生院技官岩戸博士がこれを擔當した。

昭和26年5月14日

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4.

（公共水の水質等級と水の用途）

等級	生物化学的酸素要求量 (B.O.D.) 20°C 5日間 PPM	溶存酸素 (D.O.) PPM	大腸菌系群 cc につき	水素イオン濃度 PH	用途例
A	1.0 以下	7.5以上			水道用水 水産用水
B	1.1~2.0	7.5以上			水道用水 水産用水 工業用水 遊泳用 魚介増殖用
C	2.1~5.0	5以上			工業用水 水産用水(B.O.D.4以下) 農業用水
汚濁限界線	5	5	200	最小 5.8 最大 9.0	
D	5.1~8.0				工業用水としても沈殿及ろ過処理を必要とする 農業用水
E	8.1より大				上水源に不適 工業用水源としては高級処理を要す 水産用水に不適 農業用水にも疑問

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を入れて十二時間以上の沈澱時間を與へ上澄液部を九〇%にしようとするのである。この沈澱槽の効率は八〇%平均であるから原廢水の汚物の八割が沈澱除去され二割だけが上澄液に殘ることになる。B・O・D・五〇〇乃至一二〇〇PPmのタンニン廢水は、B・O・D・一〇〇乃至二四〇PPmになつて溢出し、工場周邊の地下水で更に一〇倍に稀釋されるので、公共の川（狐川支流）に流入する場合にはB・O・D・一〇乃至二五PPmになる筈である。これが更に川の支流によつて、二〇〇乃至二五〇倍或はそれ以上に稀釋される筈である。沈澱槽底に沈積した石灰泥（汚物を凝集したもの）は廢水に對して一〇乃至一四%であり、含水量は九五%乃至九七%である。これをサイフオンによつて汚泥貯溜槽に抽出し、更にここで水切りを行つて、水分九三乃至九五%に調節した上で、小石及砂からなる濾過及乾燥床にポムプ揚げして水切りと風乾とを行ふ。此處で約三日間乾燥されれば含水量八三乃至八五%になる。

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廢水處理說明書

タンニング廢水はスクリーン槽を通る場合に、そこに設備された棒状スクリーンによつて、所有する毛、肉片等を除去された後に凝集槽に入る。一方、凝集槽には石灰液が導入される。石灰量は約五〇〇PPmである。

廢水は凝集槽で一五―二〇分間の間石灰と充分に混合させられる。石灰はタンニン酸を中和すると共に水酸化カルシウムの凝集性を發揮して廢水中の浮遊及コロイド狀の油脂及蛋白質を凝集し大塊とし、次いで送られる沈澱槽に於て、これら廢水中の有機物を石灰泥と共に沈澱し去る役目をする。凝集槽の攪拌はモーターによる機械操作で一分間六〇〇廻轉である。

沈澱槽の全容量は約八一立方米であつて、ここには工場一日間の廢水發生量、三百石（約五四㎥）の一倍半を貯溜し得る。石灰によつて凝集された廢水は二〇分後に既に八〇％の上澄液を生ずるが、念

風乾された汚泥は更にコンクリート床に移され此處で十分に太陽にさらされて風乾され、袋入りとされて肥料として販賣又は配布される。從つて皮革工場内には腐敗可能な物質が液狀及び固形狀に亘つて常に存在しなくなる。

附記

以上の廢水處理設備プラン及說明は、經濟安定本部水質汚濁防止委員長、工學博士桑田三郎氏が早川皮革工場廢水の處理實驗を國立公衆衛生院で行つた結果に基き作製したものである。

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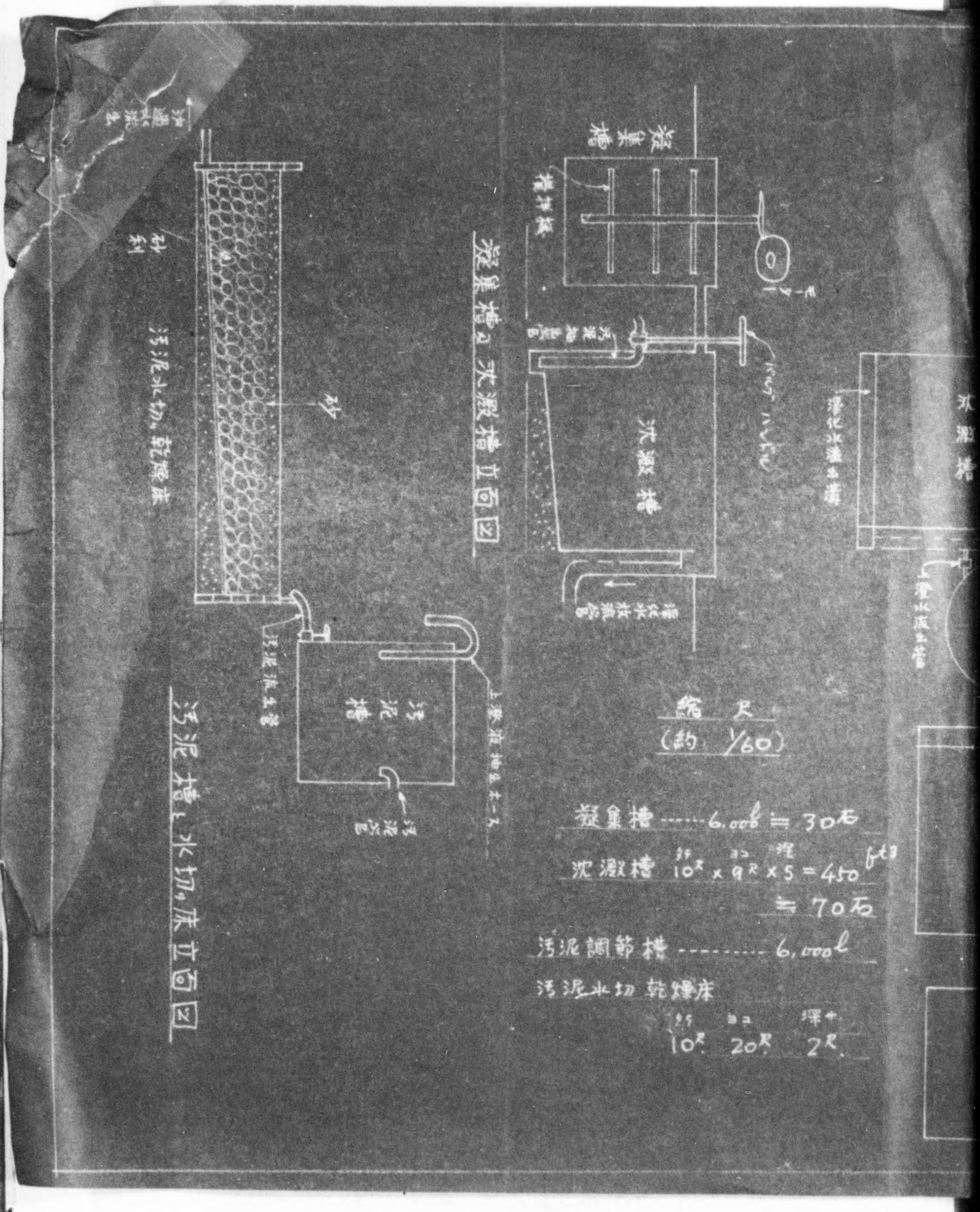

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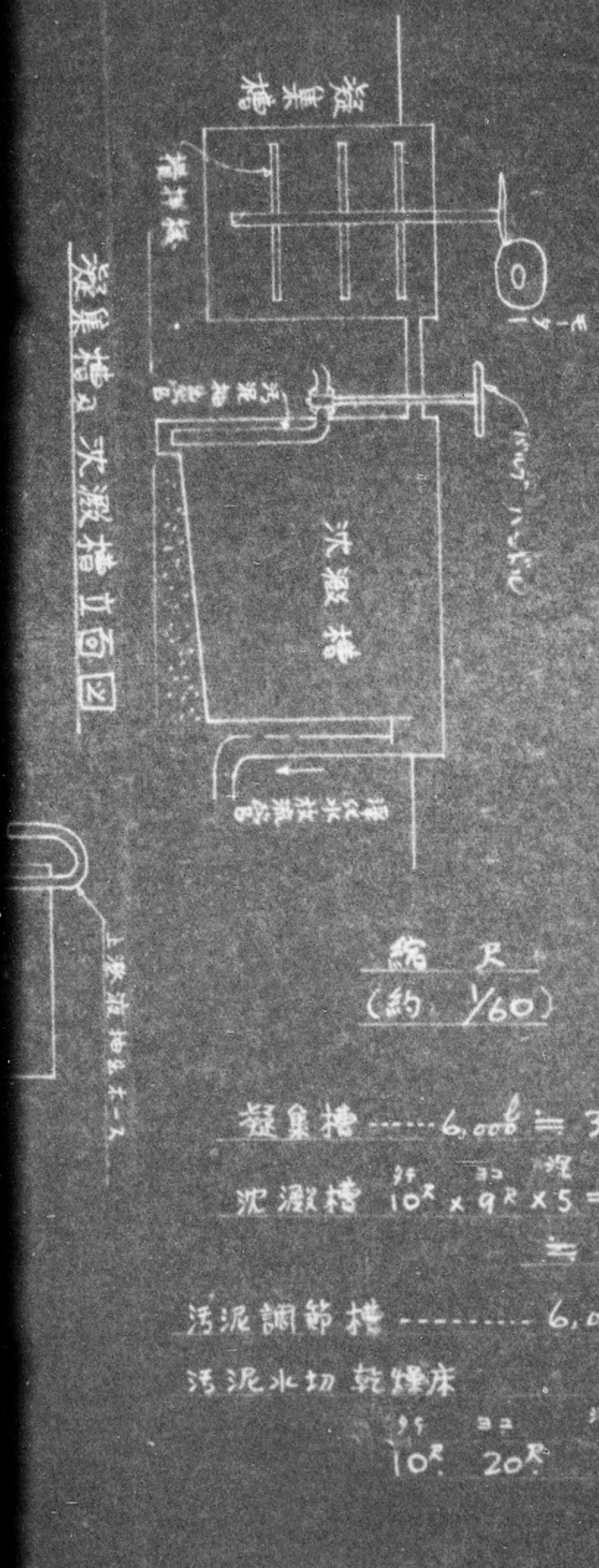


凝集槽及沈殿槽立面図

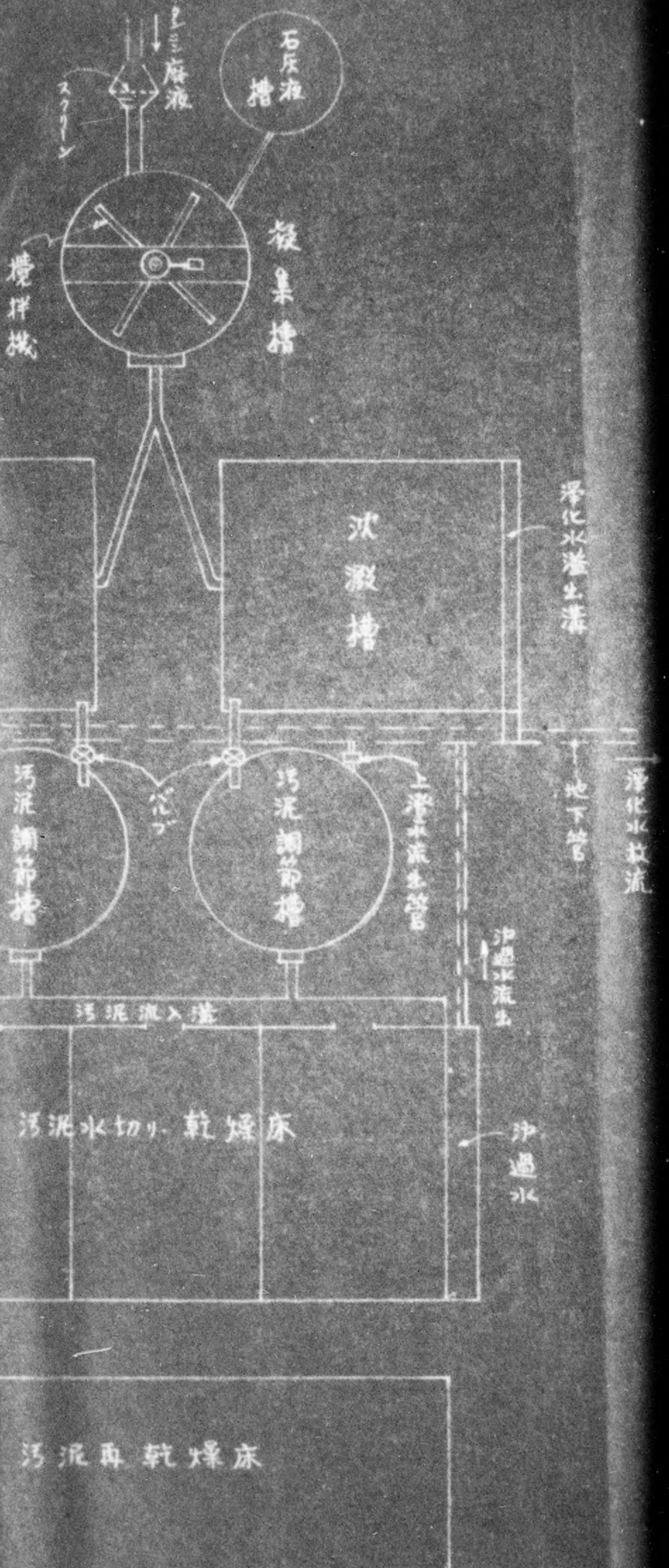
縮尺
(約 1/60)

凝集槽 ..... 6,000ℓ ≒ 30石

沈澱槽 10尺 × 9尺 × 5 = 450 ft³
≒ 70石

汚泥調節槽 6,000ℓ

汚泥水切乾燥床
外 巾 深
10尺 20尺 2尺



汚泥再乾燥床

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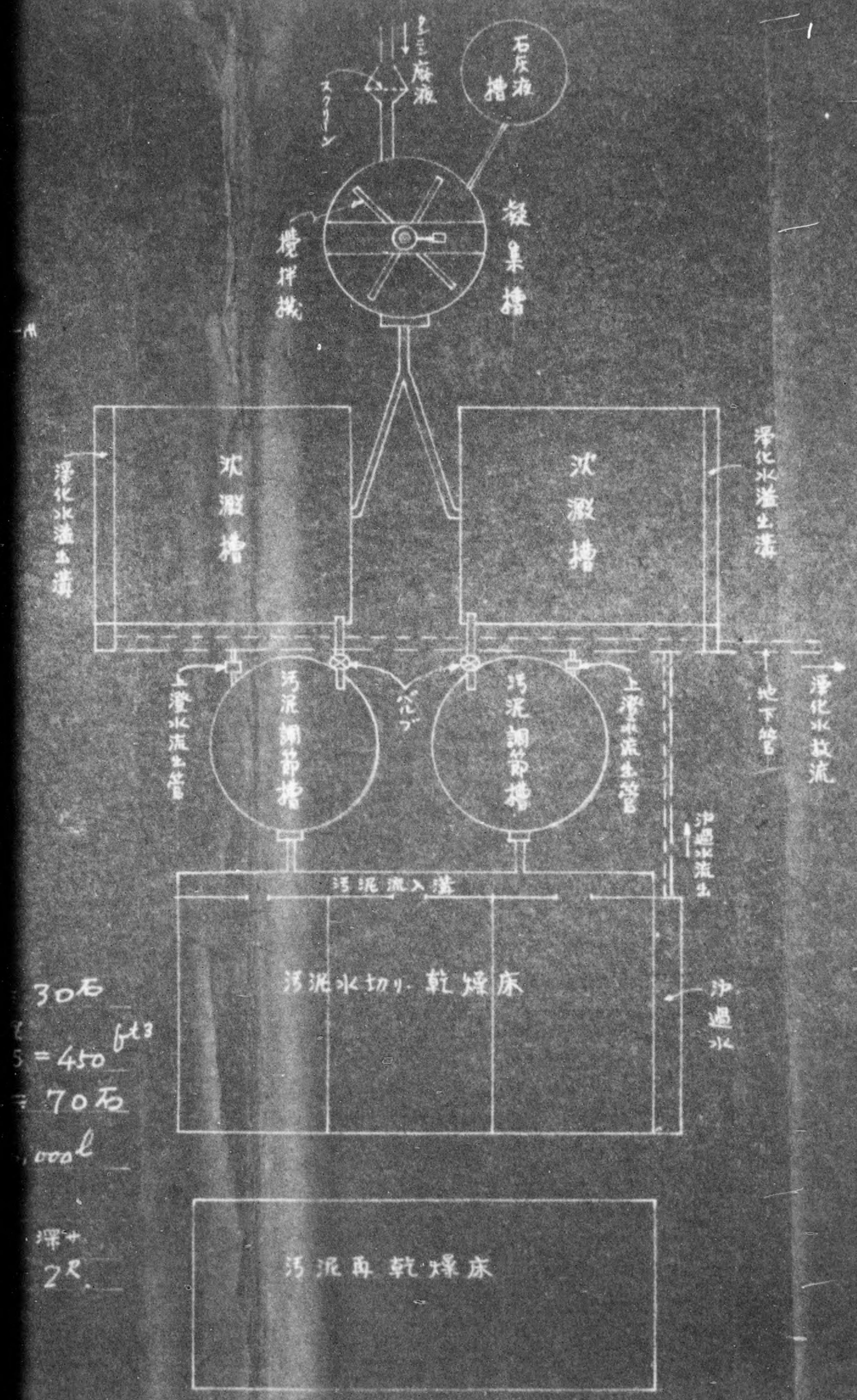
早川革工場廃水處理略図

—設計者 柴田三郎



30石
= 450 ft3
= 70石
,000l
深サ
2尺

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19 January 1951

PROPRIETORS' NAME AND ADDRESSES
Chinese Restaurants

1. Shyu Shokyo (Taikasai-Kan	6-6, Kobiki-cho, Chyuo-Ku (Near Kabuki Theatre) Tokyo, Japan
2. Chin Shiritsu	4-5, Ginza, Chyuo-Ku (Ave "Z" & Ginza) Tokyo, Japan
3. Tei Kyoshi	2-5, Ginza, Chyuo-Ku (AVE "Z" & Ginza) Tokyo, Japan
4. Ri Shyumbei	2-5, Ginza, Chyuo-Ku (Ave "Z" & Ginza) Tokyo, Japan
5. Shyu Shiga	3-5, Nishi Ginza, Chyuo-Ku (Ave "Z" & Ginza) Tokyo, Japan
6. Ri Howan	5-4, Nishi Ginza, Chyuo-Ku (Ave "Z" & Ginza) Tokyo, Japan
7. Tei Jyukon	2-6, Nishi Ginza, Chyuo-Ku (Ave "Z" & Ginza) Tokyo, Japan
8. Rin Jyu (Chuka-Daiichiro)	2-2, Ginza, Chyuo-Ku (St Lukes Ave & Ginza) Tokyo, Japan
9. To Haki	5-5, Nishi Ginza, Chyuo-Ku (Ave "Z" & Ginza) Tokyo, Japan
10. Cho Miya Tanaka, Katsuko	4-6, Ginza, Chyuo-Ku (Ave "Z" & Ginza) Tokyo, Japan

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3 Apr. 5-1
陳参七（坪川工業25）着、
6 Apr. 2次検討済み
Test Result done by Mr
Shibata of the Hayakawa
Hidden Co. Waste Water.

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Shizuoka —

1. Shizuoka city
2. Shimizu. (city only)
3. ~~Numazu~~
3. Numazu
4. Ito

~~Yokosuka~~ Yamanashi

1) Kofu city —
2) Shimoyoshida
3) Otsuki
4) ~~Ny~~ Nirazaki

Gunma.

(1) Maebashi
(2) Takasaki
(3) ~~Kiryo~~ Kiryu
14 Isezaki

Saitama

(1) Urawa (3.) Kumagaya
(2) Omiya (4) Kawagoe

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Aomori

(1) Muto (3) Tsuchiura
(2) Hitachi (4) ~~Kobayama~~ Ishioka
Mito

Tochigi

(1) — Utsunomiya (already done) (3) Ashikaga
(2) ~~Tochigi~~ Tochigi (4) Kanuma

Nagano.

(1) Nagano (4) Ueda.
(2) Matsumoto
(3) Suwa

Kanagawa.

(1) Yokosuka (3) Odawara.
(2) Kawasaki (4) Chigasaki

Chiba.

(1) Chiba (3) Choshi
(2) Tateyama (4) Kazusa.

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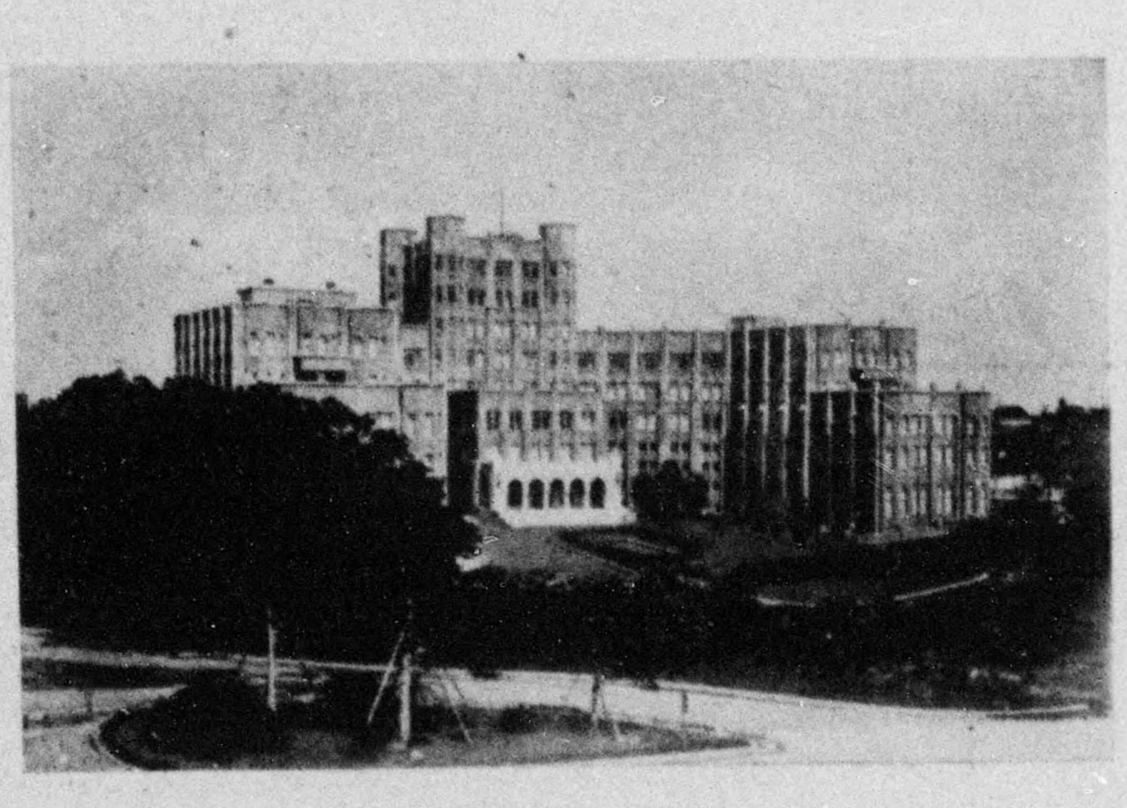
ORGANIZATION OF THE INSTITUTE OF PUBLIC HEALTH



The Institute of Public Health was established by the donation of the Rockefeller Fonndation, and commenced its work in March 1938, under the management of the Ministry of Welfare, for the purpose of training public health personnel. At the beginning nine departments were established in the Institute to carry out its activities, and after a few changes, the present organization which consists of 14 departments and one section was started.

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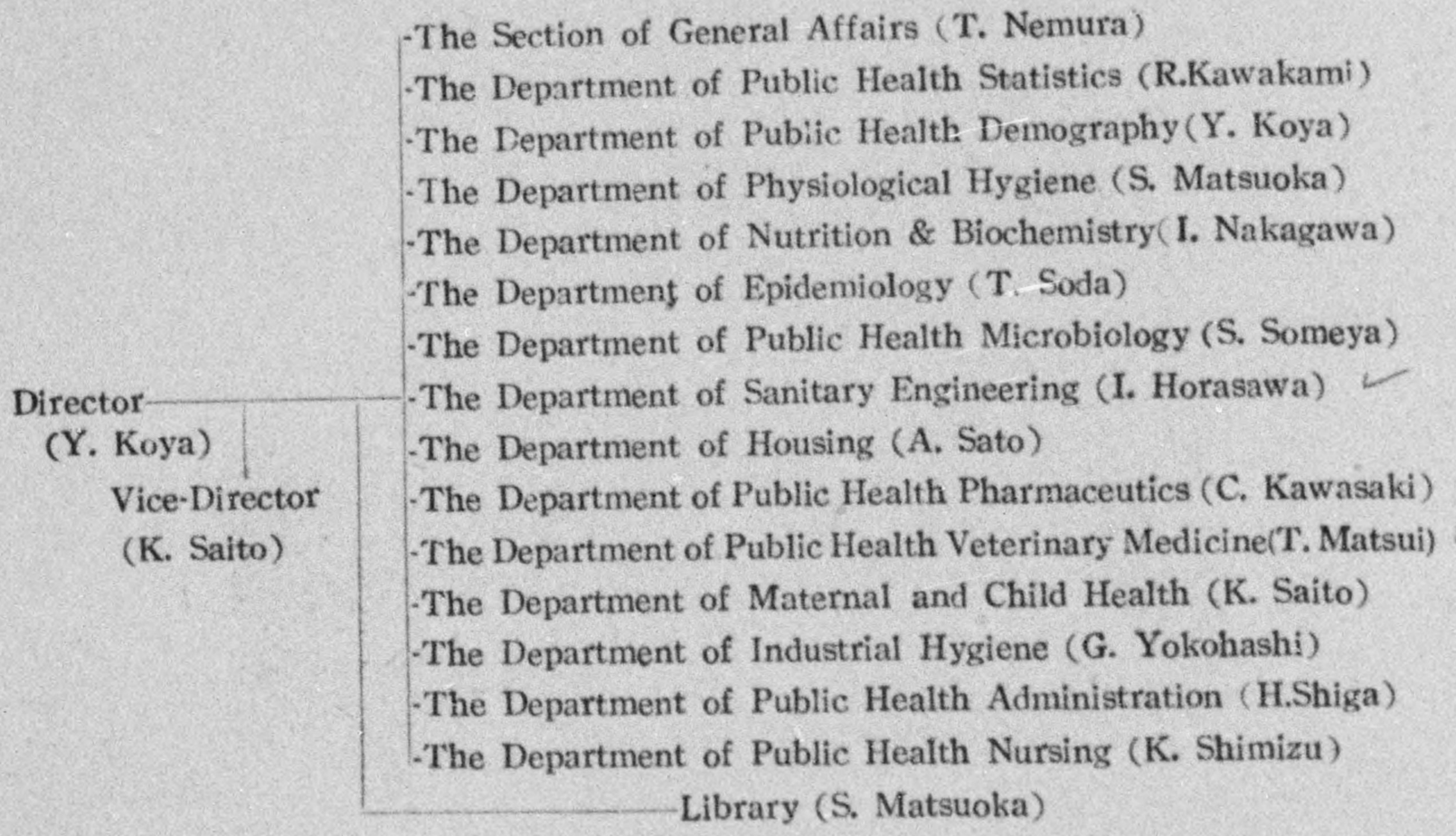
The Organization of

The Institute of Public Health

(June 1, 1949)



TOTAL NUMBER OF THE GRADUATES OF REGULAR COURSES IN THE PERIOD DEC. 1938—MARCH 1944.

Medical	Course	98
Pharmaceutical	〃	82
Veterinary	〃	107
P.H. Nursing	〃	104

The Institute met the increasing difficulties in carrying out its activities of these regular courses due to the war. Finally the regular courses were suspended in 1944, but the short courses were able to be continued until 1946. The total number of graduates of the short courses in the period 1938—1942 is 1,302. The students of these courses were mostly the directors of health centers. But some were veterinarians, pharmaceutical health officers, public health nurses and factory doctors.

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THE PRESENT EDUCATIONAL ACTIVITIES

On December 13th, 1946, it was suggested by Gen. Sams for the Institute to undertake the refresher courses of a few months, duration for key post health officers and auxiliary personnel selected by the health authorities of the local government, to meet the urgent need of improving the present health and sanitary condition of the country, suspending the regular courses of training of the Institute for a few years.

After careful studies of the plan for the above project by the officers of the Public Health and Welfare Section, G.H.Q., the specialists in the Ministry of Welfare and the Institute of Public Health, the following seven courses were scheduled. The capacity of the course is 50 each.

Courses for	Term
Health Officers	3 months
P. H. Pharmacists	3 "
P. H. Veterinarians	2 "
Nutritionists	2 "
Sanitarians	3 "
Sanitary Engineers	6 "
P. H. Nurses	4 "

The primary schedule for sanitary engineers of six months was later shortened to three months.

Record of Refresher Courses given at the Institute of Public Health (June 20, 1949)

	Total number of graduates	Length	Number of courses given up to the date	Date of start of the first course
Course for Medical Officers	291	3 m.	7	June 16, 1947
" Sanitarians	319	3 m.	7	June 16, 1947
" Public Health Pharmacists	215	2 m.	5	Jan. 9, 1948
" Public Health Veterinarians	266	2 m.	6	Jan. 9, 1948

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	Total number of graduates	Length	Number of courses given up to the date	Date of start of the first course
〃 Public Health Nurses	323	4 m.	6	April 2, 1947
〃 Public Health Nutritionists	159	2 m.	4	May 14, 1948
〃 Sanitary Engineers	95	3 m.	3	May 14, 1948
	1,668			

Besides these Refresher Courses, the special short courses were given to the public health personnel in charge of twelve key functions of model health center in the period June 1948 to March 1949 under the joint sponsorship of the Ministry of Welfare and the Institute of Public Health. These courses were of great value to improve and promote the activities of model health centers, which are now established in all of 46 prefectures. The term of each short course was usually one week.

The Institute is now planning to resume one of its primary functions in giving regular, full-year course to the graduates of medical schools who are going to devote their careers to the work of public health. The first post-war regular course for medical graduates is to be opened in July 1949. Students in this course are scheduled to share the first three months in their training with the medical officers of the refresher course. After this period they are to go round various departments of the Institute so that they are able to learn the activities of public health more or less in details.

Since the population problem is one of the most important problems of Japan today, the Institute is planning to give a special training course of contraception to those health center workers who are to be responsible for the contraceptive consultation. Furthermore, the new Department of Public Health Demography was established for the purpose to meet the demand of scientific study of population problem in general.

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Institute of Public Health
Schedule for 13th Sanitarians' Course
(July 10 - Sept. 27, 1950)

Class	Subject	Total Hrs.	Lecture	Practice
A.	Introduction.	5	(5)	(0)
B.	Public Health and its Administration.	14	(14)	(0)
C.	Administration of Sanitation.	19	19	(0)
D.	Vital Statistics.	12	(4)	(8)
E.	Epidemiology and Infectious Disease Control.	38	(29)	(9)
F.	Environmental Sanitation.	113	71	42
	Outline of Sanitation.	-2-	-(2)-	-
	F_1 - Drinking water and Sewage.	-35-	-(12)-	20
	F_2 - Waste Disposal.	-16-	-(12)-	-(6)-
	F_3 - Rodent and Insect Control.	-34-	-(21)-	-(13)-
	F_4 - Architectural Hygiene.	-15-	-(12)-	-(3)-
	F_5 - Sanitation of Public Places.	-6-	-(6)-	-(0)-
	F_6 - Occupational Hygiene.	-3-	-(3)-	-0-
G.	Food Hygiene.	85	(67)	(18)
H.	Co-operation with Laboratory.	1	(1)	(0)
I.	Field Practice.	30	(0)	(30)
	Special Sanitary survey.	36	(4.5)	(31.5)

C.	Administration of Sanitation.	19	19	(-)
D.	Vital Statistics.	12	(4)	(8)
E.	Epidemiology and Infectious Disease Control.	38	(29)	(9)
F.	Environmental Sanitation.	113	71	42
	Outline of Sanitation.	-2-	-(2)-	-
	F_1 - Drinking water and Sewage.	-35-	-(12)-	20
	F_2 - Waste Disposal.	-18-	-(12)-	-(6)-
	F_3 - Rodent and Insect Control.	-34-	-(21)-	-(13)-
	F_4 - Architectural Hygiene.	-15-	-(12)-	-(3)-
	F_5 - Sanitation of Public Places.	-6-	-(6)-	-(0)-
	F_6 - Occupational Hygiene.	-3-	-(3)-	-0-
G.	Food Hygiene.	85	(67)	(18)
H.	Co-operation with Laboratory.	1	(1)	(0)
I.	Field Practice.	30	(0)	(30)
	Special Sanitary survey.	36	(4.5)	(31.5)
	Discussion.	27	-	-
	Total	380	(214.5) (+ 27)	138.5

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		Lect.	Pract.	Total Hrs.	
A.	Introductory Lectures.	5		5	
	(1) General remarks to Public Health and Sanitation.	(2)		(2)	McCoy
	(2) Duties of Sanitarians.	(2)		(2)	Matsuda Ozaki
	(3) On the Sanitarians' Course.	(1)		(1)	Horasawa
B.	Public Health and its Administration.			14	
	(1) Outline of Public Health.				
	a - Introduction of Public Health	(2)		(2)	Koya
	b - Outline of Environmental Hygiene.	(3)		(3)	Matsuoka
	(2) Outline of Public Health Administration.				
	a - Concept of Public Health Administration.	(3)		(3)	Kimura
	b - Organization.				
	c - Practice	(3)		(3)	Nagatomo
	d - Health Education.	(3)		(3)	Shiga Hara
C.	Administration of Sanitation.	19		19	
	(1) Administration of Environmental Sanitation (general).	(6)		(6)	Matsuda
	(2) Administration of water works and Sewerage.	(2)		(2)	Tanabe
	(3) Administration of waste disposal.	(2)		(2)	Nagatomo
	(4) Administration of insect and rodent control	(3)		(3)	Matsuda
	(5) Administration of food hygiene.	(6)		(6)	Ozaki
D.	Vital Statistics.	4	8	12	Kawakami Komatsu

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B.	Public Health and its Administration.			14	
	(1) Outline of Public Health.				
	a - Introduction of Public Health	(2)		(2)	Koya
	b - Outline of Environmental Hygiene.	(3)		(3)	Matsuoka
	(2) Outline of Public Health Administration.				
	a - Concept of Public Health Administration.	(3)		(3)	Kimura
	b - Organization.				
	c - Practice	(3)		(3)	Nagatomo
	d - Health Education.	(3)		(3)	Shiga Haru
C.	Administration of Sanitation.	19		19	
	(1) Administration of Environmental Sanitation (general).	(6)		(6)	Matsuda
	(2) Administration of water works and Sewarage.	(2)		(2)	Tanabe
	(3) Administration of waste disposal.	(2)		(2)	Nagatomo
	(4) Administration of insect and rodent control	(3)		(3)	Matsuda
	(5) Administration of food hygiene.	(6)		(6)	Ozaki
D.	Vital Statistics.	4	8	12	Kawakami Komatsu
	(1) Compilation of raw data.				
	(2) Average and ratio or rate.				
	(3) Sampling, variation, measures of unreliability.				
	(4) Correlation and time series.				
	(5) Courses of other health data and graphic presentation of data.				

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E. Epidemiology and infectious disease control	29	9	38	
(1) Pathogenic microbes and immunity.	(3)		(3)	Kojima
(2) Outline of Epidemiology.	(3)		(3)	Kubo
(3) Special Epidemiology.				
a - Epidemiology of intestinal infectious diseases.	(3)		(3)	Shigematsu
b - Epidemiology of insect-borne infectious diseases and ones due to animal sources.	(5)		(5)	Hirayama
c - Epidemiology of respiratory infectious diseases.				
(4) Disinfection.				
a - Outline.	(2)		(2)	Shishido
b - Practice.		(6)	(6)	do.
(5) Bacteriological and immunological examination of infectious and parasitic diseases.	(3)	(3)	(6)	do.
(6) Biological products.	(2)		(2)	Someya
(7) Control of endemic and parasitic diseases.	(3)		(3)	Shishido
(8) Control of veneral diseases.	(2)		(2)	Miyairi
(9) Administration of infectious disease control	(3)		(3)	Nakamatsu
F. Environmental sanitation.	68	42	110	
Outline of environmental sanitation.	-2-		-2-	McLarin
F_1 - Drinking Water and Sewage.	-15-	-20-	-35-	
(1) Drinking water.				
a - Outline of [illegible]	(2)			

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a - Outline.	(2)		(2)	Shishido
b - Practice.		(6)	(6)	do.
(5) Bacteriological and immunological examination of infectious and parasitic diseases.	(3)	(3)	(6)	do.
(6) Biological products.	(2)		(2)	Someya
(7) Control of endemic and parasitic diseases.	(3)		(3)	Shishido
(8) Control of veneral diseases.	(2)		(2)	Miyairi
(9) Administration of infectious disease control	(3)		(3)	Nakamatsu
F. Environmental sanitation.	68	42	110	
Outline of environmental sanitation.	-2-		-2-	McLarin
F_1 - Drinking Water and Sewage.	-15-	-20-	-35-	
(1) Drinking water.				
a - Outline of water-works.	(3)		(3)	Horasawa
b - Sanitary Inspection of water	(3)		(3)	do.
c - Swimming pool and others	(2)		(2)	do.
d - Field trip on water purification plant.		(3)	(3)	Nakajima
(2) Sewage.				
a - Sewage and public health.				
b - Sanitary inspection of sewage.	(5)		(5)	Horasawa
c - Sewer	(1)		(1)	Sago
d - Field trip on sewage works.		(3)	(3)	Matsumoto

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(3) Examination of water and sewage.				
a - General introduction	(1)		(1)	Horasawa
b - Physical and chemical examination.		(5)	(6)	Hagiwara
c - Bacteriological examination.		(6)	(6)	Iwato
d - Microscopical examination.		(2)	(2)	Horasawa
F_2 - ~~Water~~ Disposal.	-12-	-6-	-18-	
(1) Waste and its collection, transportation and utilization.	(5)	(3)	(8)	Ogawa
(2) Refuse and infectious diseases.	(1)		(1)	do.
(3) Night soil disposal.	(5)	(3)	(8)	Genda
a - Privy and water closet.				
b - Transportation.				
C - Disposal and utilization.				
d - Night soil and infectious diseases.				
(4) Burial and cremation.	(1)		(1)	Ogawa
F_3 - Rodent and Insect control.	-21-	-13-	-34-	
(1) Medical Entomology.	(3)	(3)	(6)	Asanuma
(2) Classification and Habit of Rodents.	(2)	(1)	(3)	Horasawa
(3) Insecticide.	(2)		(2)	Suenaga
(4) Rodendicide	(2)		(2)	Motoyama
(5) Control of insects.				
Outline	6		(6)	Wheeler
Recent trend on the insect control	(3)		(3)	Sassa
Practice of sanitary team.		(6)		

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	b - Transportation.				
	C - Disposal and utilization.				
	d - Night soil and infectious diseases.				
(4)	Burial and cremation.	(1)		(1)	Ogawa
F_3 - Rodent and Insect control.		-21-	-13-	-34-	
(1)	Medical Entomology.	(3)	(3)	(6)	Asanuma
(2)	Classificaation and Habit of Rodents.	(2)	(1)	(3)	Horasawa
(3)	Insecticide.	(2)		(2)	Suenaga
(4)	Rodendicide	(2)		(2)	Motoyama
(5)	Control of insects.				
	Outline	6		(6)	Wheeler
	Recent trend on the insect control	(3)		(3)	Sassa
	Practice of sanitary team.		(6)	(6)	Yamaguchi
(6)	Rodent Control.	(3)	(3)	(6)	Gonda
F_4 - Architectural Hygiene.		12	3	15	Sato Koda
(1)	Housing Inspection.				
	a - Building materials.				
	b - Proof construction about earthquake, fire, rat.				
	c - Sanitary inspection about illumination, ventilation, and indoor climate.				
	d - Design of the kitchen.				

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(2) Housing Administration.				
a - Housing Problem and its policy.				
b - Housing standard in urban and rural.				
c - City and Rural Planning and hygiene.				
F_5 - Public places.	6		6	
(1) Sanitation of public bath.	(3)		(3)	Shiga
(2) Sanitation of barber shop and laundary				
(3) Sanitation of camp and others.				
(4) Sanitation of park and seaside resort.				Shiga
(5) Sanitation of traffics.				
(6) Sanitation of theatre and picture hall	(3)		(3)	Sato
F_6 - Occupational Hygiene.	3		3	Sakabe
G. Food Hygiene.	67	18	85	
(1) Food and nutrition.				
a - Administration on nutrition	(3)		(3)	Arimoto
b - Outline of nutrition	(3)		(3)	Sato
(2) Food technology and its sanitary control method.				
a - Meat, milk and dairy products.	(3)		(3)	Matsui
b - Canned food and preserved food.	(3)		(3)	Amano
c - Ice and refrigeration.	(3)		(3)	Watari
d - Examination of food in general.	(3)		(3)	Kawasaki
e - Assaying of food products.	(3)		(3)	Komoda
f - Examination of Milk and Meat.		(6)	(6)	Matsui Nakano

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(5) Sanitation of traffics.				
(6) Sanitation of theatre and picture hall	(3)			(3) Sato
F_6 - Occupational Hygiene.	3			3 Sakabe
G. Food Hygiene.	67	18	85	
(1) Food and nutrition.				
a - Administration on nutrition	(3)			(3) Arimoto
b - Outline of nutrition	(3)			(3) Sato
(2) Food technology and its sanitary control method.				
a - Meat, milk and dairy products.	(3)			(3) Matsui
b - Canned food and preserved food.	(3)			(3) Amano
c - Ice and refrigeration.	(3)			(3) Watari
d - Examination of food in general.	(3)			(3) Kawasaki
e - Assaying of food products.	(3)			(3) Komoda
f - Examination of Milk and Meat.		(6)		(6) Matsui Nakano
g - Test of poisonous matter.	(1)	(3)		(4) Kawasaki
(3) Food inspection.				
a - General principles.				
Administrative power, education and health inspection of inspectors.	(9)			(9) Ozaki
Method of food inspection.	(12)			(12) Seki and Hashimoto

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Method of food inspection (Meat, milk etc.)	(6)		(6)	Kitaura
Act concerning to sanitary inspection.	(3)		(3)	Tani
b - Inspectio of special places.				
Slaughter houses and meat factories.		(3)	(3)	Kitaura Imiya
Fish markets. Vegetable markets.		(3)	(3)	Ishihara
Sanitary inspection of factory	(3)	(3)	(6)	Fukuyama
(4) Food poisoning and its prevention.				
a - Bacterial poisoning.	(6)		(6)	Hatta
b - Chemical Poisoning	(6)		(6)	Kinbara
H. Co-operation with Laboratory.	1		1	Sato (Tokuro)
I. Field practice.		30	30	
Practice of environmental sanitation Practice of food inspection		(24)	(24)	by Members of Tokyo Metropoli tan Office
Practice of sanitation of public places.		(6)	(6)	do.
J. Special Sanitary Survey.	4.5	31.5	36	
a - Introductory Explanation	(1.5)		(1.5)	
b - Field Work	(3)	(31.5)	(34.5)	
c - Report and Discussion of results				
K. Discussion.	27		27	

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Eleventh 2 month course for Public Health
Veterinarians' Course begining

July 3, 1950

Subject	Lecture (Hrs.)	Practice (Hrs.)	Total
Introductory Lectures	7	-	7
Principle of Public Health and Administration	17.0	-	17.0
Public Health Statistics	4	8	12
Epidemiology and Bacteriology	24	-	24
Nutrition	6	-	6
Meat Hygiene	27	6	33
Milk Hygiene	15	9	24
Sea food Hygiene	27	12	39
Food inspection	6	-	6
Rabies control	6	-	6
Sanitary Engineering	15	9	24
Field Practice	-	42	42
Seminars	18	-	18
Total	169	89	259

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I. Introductory Lectures (7 Hrs.)

	Lecture (Hrs.)	
1. Introduction to the Public Health	1	G.H.Q.
2. Public Health in U.S.A.	1.5	Dr. McCoy
3. Introduction to the Veterinary Public Health	1	Dr. Beechwood
4. Meaning of Public Health	2	Koya
5. Meaning and Scope of V.P.H.	1.5	Matsui

II. Principles of Public Health (17 Hrs.)

1. Outline of Public Health	2	Saito
2. Health Center Activities	1.5	Kimura
3. Food Control Administration	3	Asomura
4. Communicable Disease Control	1.5	Baba
5. T. B. Control	1.5	Tsuda
6. Animal Infection Disease Control	3	Tanaka
7. Health Education	1.5	Shiga
8. Problems of the Budget	3	Hinoue

III. Public Health Statistics (12 Hrs.)

	Lecture	Practice	
1. Complication of raw data	1	2	Kawakami Shindo
2. Average, ratio and rates	1	2	"
3. Sampling, Variation, measures of Unreliability	1	2	"
	1	2	Kawakami