



Town Planning Toward Achieving a Clean and Neat City

Everyone wishes to live in a comfortable environment.

Measures to prevent littering the streets with discarded drink cans and cigarette butts and measures to prevent illegal dumping of waste and automobiles are being implemented in cooperation with regional authorities in order to ensure that our streets remain clean and litter-free.



1 Measures for littering and preventing smoking while walking

The "Yokohama City Ordinance Relating to the Prevention of Littering of Empty Cans, Cigarette Butts, and Other Garbage (No Littering/No Smoking Ordinance)" was enacted to inhibit the spread of garbage around the city. This ordinance prohibits litter such as empty cans and cigarette butts in all areas of the city, and it encourages people to refrain from smoking while walking. Anyone who wants to smoke outside must carry a portable ash tray.

Yokohama Non-smoking Areas

In order to protect the safety of citizens from burns and burned clothes caused by cigarettes and to prevent littering of butts, we have designated 8 districts in the city as non-smoking areas.

In non-smoking areas

Smoking in outdoor public places is prohibited (this includes holding a lit cigarette).

Road marking



Sign



Road markings and signs are provided in non-smoking areas.

Guides patrol non-smoking areas and give instructions to offenders. (Offenders are subject to a 2,000 yen fine.)



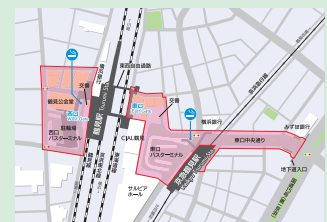
Yokohama Station district



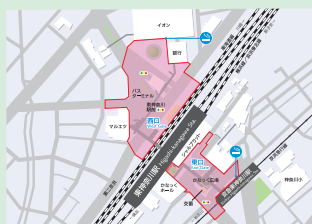
Minato Mirai 21 district



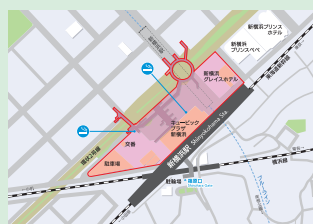
Kannai district



Tsurumi Station district



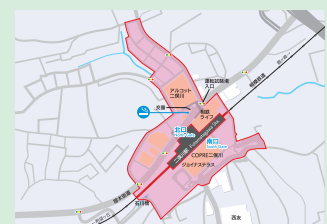
Higashi-kanagawa Station and Nakakido Station district



Shin-Yokohama station district



Totsuka Station district



Futamatagawa Station district

(as of July, 2020)

2 Cleaning up sidewalks and station plazas, etc.

The center of the city, which receives the most traffic from citizens and tourists and represents the face of Yokohama, and the areas around major stations in the city have been designated as top-priority regions for promoting cleanups.

27 regions (28 as of 2021) are currently designated as top-priority areas, including the area surrounding Yokohama Station, Minato Mirai 21, Kannai, Isezaki, Noge, Yamashita, Motomachi and the central area around Shin-Yokohama, and street cleaning and awareness activities, etc., are being carried out in these zones.

Furthermore, we are also implementing area beautification and cleanup activities with the cooperation of local citizens.

We are asking everybody not to litter, smoke while walking, or put garbage other than cans or bottles in the garbage cans next to vending machines.



3 Prevention of illegal dumping



In addition to disposing of all illegally discarded waste as swiftly as possible, we are strengthening our system to prevent illegal dumping by implementing measures such as nighttime patrols in the areas that are commonly affected.

If you see anybody illegally dumping waste, please take note of the vehicle's license number for evidence and contact the police (dial 110 or call your local police station) or the person in charge of promoting recycling your town hall (P35).

4 Measures for abandoned vehicles

The City of Yokohama investigates abandoned vehicles on the basis of the information they receive from citizens. If the owner is identified as a result, they are required to remove the vehicle. And as for vehicles whose owners are not found, they are removed after announcements are made through public notices, and waste certificates are obtained in accordance with the stipulations of the Yokohama City Ordinance on Preventing the Occurrence of and Proper Disposal of Abandoned Bicycles and Sunk Ships, etc.

The targets are automobiles and motorcycles rated at 125 cc or higher or more that have been abandoned for more than ten days.





Promoting Environmental Activities

1 Environmental project committee member program

The Environmental Project Committee members are endorsed by regional authorities and neighborhood associations, and delegated by the mayor to perform 3R activities in order to reduce regional garbage in the region and combat climate change in order to maintain a beautiful and clean community. The number of members on the Environmental Project Committee has reached 3,968 people (as of March 31, 2020)



■ The Main Activities of the Environmental Project Committee Members

Organizing activities in the community and neighborhood associations

- Popularizing the separation of garbage at local collection points and promoting community clean-up activities
- Holding social gatherings and other events aimed at encouraging people to take part in local 3R activities and at spreading the word, enlightening and providing information related to these activities.
- Initiatives implemented to clean up the city by preventing illegal garbage disposal and littering.



Initiatives implemented to popularize the separation of garbage in local activities

Initiatives implemented by wards and neighborhoods

- Participation in and cooperation with the 3R activities, training courses, site visits and other events organized by wards and local groups.
- Collaborating with local organizations

2 Award and certification system

The new Yokohama 3R Dream award and certification are presented to the people, organizations and companies that have achieved the most success in promoting the reduction and recycling of garbage in a wide range of regional activities for the purpose of promoting 3R activities and making sure that they become part of the fabric of local society.



[Number of awards and certified people 332 citizens 28 organizations and 49 companies (FY2019 actual)]

1 **Yokohama 3R Dream Action Promoters**
Individuals and organizations that have successfully promoted the "Yokohama 3R Dream Plan" through recycling activities, providing instruction on garbage separation, and educating people on the subject.
8 individuals and 2 organizations

2 **Promoters of clean and beautiful neighborhoods**
Individuals and organizations that have promoted "clean and beautiful neighborhoods" through clean-up and greenification activities
23 individuals and 26 organizations

3 **Long-term services for the environmental project committee**
Members of environmental project committee that have been committed to activities in local communities for several years
301 individuals

4 **Companies certified for their excellence in 3R activities**
Companies or business sites that have contributed to 3R activities or separation/disposal of commercial waste
46 companies

5 **Certification for excellent companies collecting and carrying household waste**
Companies that have contributed to appropriate processing and separation/disposal of commercial waste
*Certifications were not made in 2019 because the certification criteria were being reviewed.

6 **Yokohama City Food 3R Kiraboshi Activity Award**
Business establishments that have shown remarkable achievements in suppressing food waste generation, recycling and awareness, etc.
3 companies



Environmental Learning and Hands-on Facilities

1 Environmental learning program

The purpose of the environmental learning program is to establish opportunities for individuals of all ages to study the environment through visiting lectures and community seminars.

We provide some examples of how the environmental learning program can be tailored to different age groups, such as preschool children and adults.

Also, we have established four lecture themes: reducing food loss, plastic waste measures, where garbage ends up, and sorting and recycling. These themes comprise a basic program that covers the current situation and issues, and we have optional programs that can be added to based on your learning needs.



• List of programs

See the Resource and Waste Recycling Bureau website for information on the environmental learning program.
<https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/gakushu/program.html>

2 3R Dream supplementary readers

To the greatest possible extent, we are also distributing the “Making Links for the Future: Yokohama 3R Dream!” supplementary training reader to fourth graders in order to enhance their awareness on reducing garbage and implementing recycling on a daily basis from an early age.



3 Poster Contest

As a catalyst for 3R initiatives, and to facilitate area cleanup activities, we are holding a poster contest for children attending city elementary and junior high schools.

The winning pieces will be displayed at a promotional awareness exhibition and may also be utilized in printed material.

• List of award-winning works

See the City of Yokohama website for information on award-winning works.
<https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/gakushu/posucongaiyou.html>

Grand prize winners for 2020



Lower elementary



Upper elementary



Junior high

4 3R Dream educational facilities

We operate learning facilities to provide information and ideas related to 3R activities and environmental problems

3R Dream Seminars

Exhibitions on Garbage and Environmental Issues

Hosting Hands-on Workshops and other Events

*Admission is free for each facility.

3R Dream Learning Space Tsurumi

[Address] 1-15-1 Suehiro-cho, Tsurumi-ku (inside the Resources and Waste Recycling Bureau's Tsurumi Plant)

[Hours] 09:00 to 16:30 (last entrance available at 16:00)

[Closed] Sundays, national holidays, during inspections of the Tsurumi Plant, New Year holiday (December 28 to January 4)

[Website] <https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/shokai/shokyaku/kojo-tsur/tsurukou-hiroba.html>

3R Dream Learning Space Asahi

[Address] 2-8-1 Shirane, Asahi-ku (inside the Resources and Waste Recycling Bureau's Asahi Plant)

[Hours] 09:00 to 12:00, 13:00 to 16:00

[Closed] Sundays, national holidays, during inspections of the Asahi Plant, New Year holiday (December 28 to January 4)

[Website] <https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/shokai/shokyaku/kojo-as/3mhiroba.html>

3R Dream Learning Space Kanazawa

[Address] 2-7-1 Sachiura, Kanazawa-ku (inside the Resources and Waste Recycling Bureau's Kanazawa Plant)

[Hours] 09:00 to 16:30 (last entrance available at 16:00)

[Closed] Sundays, national holidays, during inspections of the Kanazawa Plant, New Year holiday (December 28 to January 4)

[Website] <https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/shokai/shokyaku/kojo-ka/14slim-hiroba.html>

3R Dream Learning Space Tsuzuki

[Address] 27-1 Hiradai, Tsuzuki-ku (inside the Resources and Waste Recycling Bureau's Tsuzuki Plant)

[Hours] 09:00 to 12:00, 13:00 to 16:30 (last entrance available at 16:00)

[Closed] Sundays, during inspections of the Tsuzuki Plant, New Year holiday (December 28 to January 4)

[Website] <https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/shokai/shokyaku/kojo-tsuz/3mhiroba.html>

Play Park Sakae

[Address] 1570-1 Kamigo-cho, Sakae-ku

[Hours] 09:00 to 12:00, 13:00 to 16:00

[Closed] Sundays, New Year holiday (approximately one month)

[Website] <https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/shokai/jimusho/sakae/info/>

Enjoy learning! Tsuzuki 3R Dream Classroom

[Address] 27-2 Hiradai, Tsuzuki-ku

[Hours] 09:00 to 12:00, 13:00 to 16:00

[Closed] Sundays, New Year holidays (December 28 to January 4)

(Closed when center recycling reception in the same building is closed)

5 Plant tours

In order to increase understanding of the 3R Dream initiative, tours of incineration plants are provided to elementary students and regular citizens.

If you want to tour an incineration plant, prior application is required. For details, check the tour information on the plant's website.

- The following plant tour page allows you to take a video tour of a plant, and includes links for each plant's website.

<https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/shokai/shokyaku/kengaku/>

6 Visiting lectures

Visiting lectures are held for any age group, including preschool children and adults, in order to learn about problems related to waste and the environment.

For details and how to apply, see "Environmental learning program" (P.27).



International Cooperation in the Waste Sector

In order to help solve problems related to waste in overseas cities, the City of Yokohama shares its accumulated knowhow on garbage sorting and recycling and introduces initiatives that can be implemented in cooperation with citizens, businesses, and the government. We also accept observation tours from overseas.

1 Support through the Y-PORT project

The City of Yokohama is involved in an international technology cooperation platform (Y-PORT project), which facilitates public-private sector collaboration using resources and technology from Yokohama.

As a part of this, we are currently cooperating in the waste sector with Da Nang City in Vietnam.

In line with population increases and economic development, the amount of waste in Da Nang is increasing significantly. The urgent need for final disposal sites is becoming a problem, and a JICA Grassroots Technical Cooperation Project was implemented from March 2017 to March 2020, where training was conducted in Yokohama and experts were dispatched to the field in order to share knowhow and experience on garbage sorting and recycling.

In March 2020, a phase-two project was adopted, and in the future, waste data from Da Nang City will be collected and managed, and we will cooperate with them to improve their garbage and resource collection system.



Resource collection in Da Nang City

2 Support through the African Clean Cities Platform (ACCP)

In April 2017, the Ministry of the Environment, JICA, the City of Yokohama, the United Nations Environment Programme (UNEP), the United Nations Human Settlement Programme (UN-HABITAT), and several African countries and cities worked together to share knowledge on waste in Africa and to establish the African Clean Cities Platform (ACCP) to promote the sustainable development goals (SDGs).

The City of Yokohama's existing waste management knowledge and initiatives were evaluated, and we were designated as the hub in Japan for training for waste administrators from African countries.



Training in Yokohama City

3 Attendance of international conferences, etc.

We participate in international conferences in the waste sector to provide knowledge on our waste management initiatives and learn about the situation in overseas cities. By participating in international conferences, we can contribute to solving waste-related problems in emerging nations and improve Yokohama's brand strength.



Business Garbage Related Initiatives



In addition to encouraging companies to proceed with their own waste reduction and recycling initiatives, we also inspect offices and provide guidance on garbage separation and the correct methods of disposal. Final checks on the garbage delivered to incineration plants are also carried out in order to promote the reduction and recycling of business garbage.

1 Raising awareness about reducing and recycling garbage

We have taken various opportunities to explain the purpose and importance of the Yokohama 3R^s Dream plan to businesses and to encourage waste reduction and recycling.

We hold workshops on legal frameworks such as the Waste Management Law and on promoting the 3Rs (e.g., sorting for recycling) to newly appointed waste managers of large-scale commercial buildings.

Explanations are also provided to restaurants and other small- to medium-sized companies on the correct method of disposing of waste and the contents of “the Food Recycling Law”.

*What is meant by “commercial large-scale buildings”

- (1) Large retail stores specified in the Large Retail Stores Act
 - (2) Retail stores with store area between 500m² and 1,000m².
 - (3) Business sites with 3,000m² or more total area.
- Business site which is any of these 3 above.

Thorough separation of business garbage

Recycled waste paper and industrial waste such as plastics cannot be transported to the incineration plant. Among waste materials incinerated by businesses, there is a lot of waste paper that is recyclable, such as memo paper and sticky notes, as well as plastic such as plastic wraps and vinyls, etc., which are transported to the incineration plant. As these cannot be brought into the incineration plant, we provide advice and instruction to the company regarding thorough separation and disposal.

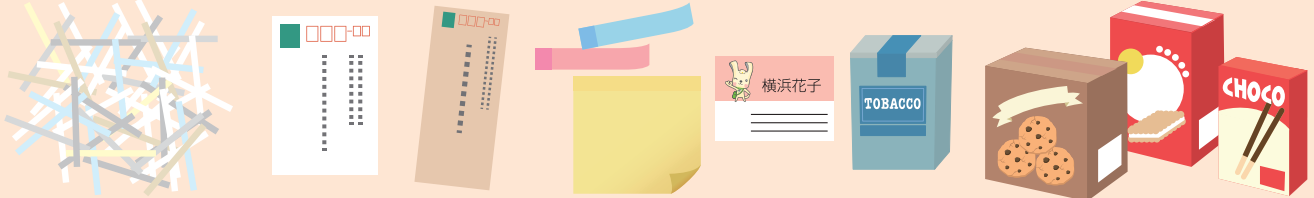
Example of being carried in without separation

*These cannot be brought into the incineration plant.



Recyclable waste paper

Shredded paper, postcards, envelopes, stickers, business cards, cigarette boxes, candy boxes, etc.



Plastics

Wrapping and trays, plastic bags, exterior film from cigarette boxes etc., containers for box lunches, cup noodles, etc.



**How to separate business garbage" is available on the web site of the Resources Recycling Bureau.

<https://www.city.yokohama.lg.jp/kurashi/sumai-kurashi/gomi-recycle/ongen/pamphlet/jigyowake.html>

2 Office inspections and guidance provided to companies

Owners of commercial large-scale buildings are required to submit a “Garbage Reduction and Recycling Plans” once a year in compliance with the “City of Yokohama ordinance/bylaw concerning reduction, recycling and proper disposal of waste.” Our officers visit each company in order to confirm the contents of these plans and to check on their actual implementation, and at the same time we provide guidance on the methods of disposing of business garbage and promote the 3R initiatives.

[Adoption of Fines for Violators of the Business Garbage Rules]

The “City of Yokohama ordinance concerning reduction, recycling and proper disposal of waste” obligates residents and companies in the city to sort and dispose of waste by the prescribed method. The ordinance also establishes a procedure to motivate residents or commercial business operators who do not obey the rules despite being repeatedly advised whereby they could ultimately be fined a maximum of 2000 yen.

■Number of commercial large-scale buildings and entries for investigations

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Number of large-scale buildings	2,800	2,792	2,784	2,804	2,782	2,799	2,789
Number of Inspections	878	902	882	878	817	842	815

3 Guidance for waste treatment companies/general waste treatment facilities

In order to transport or process the general waste of others, you need authorization to operate as a general waste collection and transport company or as a treatment company.

In Yokohama, this authorization system is used to instruct general waste treatment companies (collection/transport companies and processing companies) how to appropriately treat waste.

Yokohama has 14 companies operating as intermediary facilities for treating general timber and kitchen waste, and these facilities are involved in the recycling of wooden products, tree cuttings and other garden waste, and kitchen waste generated from leftover food and unsold food disposed of by local companies.

When establishing additional facilities like this, first of all we discuss many issues in order to ensure that the plan takes the surrounding environment into consideration.

Once the facilities have started operating, we provide guidance via site inspection to guarantee that the facilities are being run in an appropriate manner.

4 Inspections of waste delivered to incineration plants

Checks are carried out on all of the garbage delivered to incineration plants, and appropriate disposal methods promoted, such as ordering the people who deliver used paper and other resources, branches, trunks and other tree cuttings that exceed a predetermined size, as well as plastic and other industrial waste to the plant to either take them back or deliver them to specific recycling routes, etc.

Also, incineration plants have installed special inspection machines to enable thorough and efficient inspections. These machines consist of conveyor belts conveying all delivered garbage to pits at a speed that enables them to be checked for inappropriate items during the process.



Items that cannot be accepted



Branches

- Items 50cm to 300cm in length must be taken to crushing plants
- Items more than 300cm in length cannot be accepted



Tree trunks and other cuttings

- Items more than 20cm in diameter cannot be accepted



PET bottles

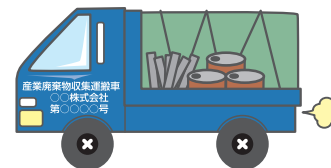
- This is categorized as industrial waste and cannot be accepted



Industrial Waste

1 Industrial waste

Twenty kinds of waste generated in accordance with business activities are referred to as “industrial waste.” The following are examples of industrial waste:



Burned butts, sludge, waste oil, waste acid, waste alkali, waste plastic items, papers, wooden chips, textile waste, flora and fauna residue, rubber waste, scraps, glass chips, concrete chips, and pottery chips, slag, rubble, animal urine and feces, animal carcasses, smoke dust, fauna solid waste, and processed materials for discarding waste

*Some part of the items are limited to the waste generated by specified industries and from the activities.

2 Monitoring and guidance with regard to improper waste treatment

The City of Yokohama has had a consultation desk at the Resources and Waste Recycling Office of each ward since April 1, 2005, that addresses issues related to industrial waste and takes immediate action against inappropriate treatment. In addition, the City has deployed a specialized team mainly consisting of retired policemen from the Kanagawa Police Department to the Department of Measures for Managing Industrial Waste. This team seeks to monitor and provide guidance to parties that are breaking laws with regard to the proper treatment of industrial waste by taking strict measures against illegal cases in cooperation with the office in each ward.

3 Guidance for waste generating companies

We select several significant companies from the 120,000 existing companies in Yokohama, determined which require guidance most of all, systematically implement entry and inspections monitor and direct their waste management. The City also educates companies by producing textbooks explaining the concepts of proper waste treatment and holding explanatory meetings.



4 Proper disposal of PCB waste

PCB waste must by law be completely processed within the period specified below. Waste with a high concentration of PCBs (highly concentrated PCB waste) must be promptly processed. We conduct on-site guidance and questionnaire surveys to ensure that all PCB waste in the city is disposed of within the disposal period.

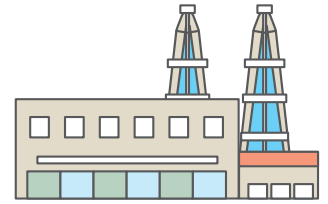
Disposal destination and disposal period for PCB waste

Waste type		Disposal destination	Disposal period
High concentration PCB waste	Transformers, capacitors, etc.	JESCO Tokyo	Until March 31, 2022
	Ballasts, etc.	JESCO Hokkaido	Until March 31, 2023
Low concentration PCB waste		Authorized detoxification processing facilities etc.	Until March 31, 2027

5 Industrial waste treatment facilities

Industrial waste treatment facilities include intermediary treatment facilities such as sludge dehydrating facilities, incineration facilities for waste plastic items, crushing facilities for wooden chips or rubble, and landfill sites such as final disposal sites. When constructing a new facility, we engage in thorough discussions with the concerned parties in order to plan for adequate consideration for the surrounding environment before applying for the necessary permits.

After the facility starts operations, we will have it submit reports, conduct inspections, and provide guidance on proper facility management.



6 Guidance for treatment companies

Individuals or companies who transport and treat others' industrial waste need to obtain a permit for carrying out said industrial waste collection and transportation or treatment.

Particularly, waste containing explosives, toxic materials, materials connected with infectious diseases, and other substances that can possibly damage people's health or living environment are designated as specially controlled industrial waste. Therefore, before dealing in the transportation or treatment of specially controlled industrial waste, one must obtain a permit for specially controlled industrial waste collection and transportation or treatment.

Through the permit system mentioned above, the City of Yokohama guides industrial waste treatment businesses (collection and transportation businesses and treatment businesses) regarding proper waste treatment.

"Excellence Certification System"

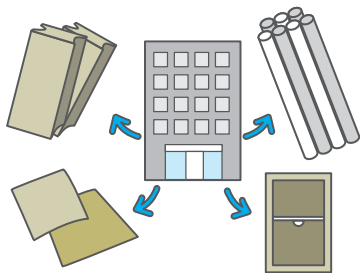
優良

System for examining/certifying waste processing operators with proven track record and superior ability for performance that meets standards (standards for excellence) for processing industrial waste in accordance with the Waste Management Law.

A list of businesses certified for excellence by the mayor of Yokohama is provided on the City of Yokohama Resources & Waste Recycling Bureau website.

<http://www.city.yokohama.lg.jp/shigen/sub-jigyo/sanpai/02gyo/03yuuryo/>

7 Construction waste recycling



As for recycling construction waste, we offer guidance for companies on separating waste, dismantling, asbestos countermeasures, etc. We do this by examining notifications and other documents based on the Law Concerning Recycling of Materials from Construction Work (commonly known as the Construction Material Recycling Law), and by patrolling the sites.

In addition, in regard to dismantling of buildings with a floor area of less than 80m² that are not subject to the Construction Material Recycling Law, we have established "guidelines for the dismantling of buildings," screen applications, and perform on-site patrols in the same manner stipulated in the law.

8 Automobile recycling

The "Law for Used Automobiles Recovery" (or the so-called "End-of-Life Vehicle Recycling Law") was enacted on January 1, 2005.

The End-of-Life Vehicle Recycling Law is a law that defines the roles of related parties such as automobile manufacturers and owners of automobiles and aims to reduce waste and effectively use resources.

Actions such as getting rid of, accepting, or dismantling used vehicles without going through the necessary registration and permit procedures are not allowed.

We conduct on-site inspections for businesses that have received permits, and provide instructions on resource recycling and appropriate processing.

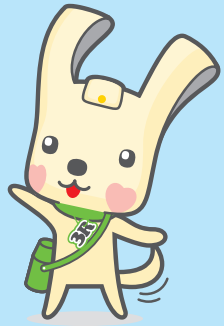
In addition, this law is applicable to all Japan's automobiles and the owners have to pay for recycling fees.

Recycling fee



Bureau Facility Locations

-  Office
-  Incineration plant
-  Vehicles Division
-  Landfill Sites
-  Other



*The Hodogaya Plant is used as a back-up plant.

Information on Bureau Facilities

■Resources and Waste Recycling Bureau Offices

Office Name	Address
Tsurumi Office	39 Ono-cho, Tsurumi-ku
Kanagawa Office	3-1-43 Chiwaka-cho, Kanagawa-ku
Nishi Office	11-4 Hamamatsu-cho, Nishi-ku
Naka Office	11-2 Nishiki-cho, Naka-ku
Minami Office	1-1-2 Mutsumi-cho, Minami-ku
Konan Office	8-4-41 Konandai, Konan-ku
Hodogaya Office	355 Kariba-cho, Hodogaya-ku
Asahi Office	2-8-1 Shirane, Asahi-ku
Isogo Office	6 Shin-Isogo-cho, Isogo-ku

Office Name	Address
Kanazawa Office	2-2-6 Sachiura, Kanazawa-ku
Kohoku Office	1238 Mamedo-cho, Kohoku-ku
Midori Office	5-1-15 Nagatsuta- Minami-dai, Midori-ku
Aoba Office	2039-1 Ichigao-cho, Aoba-ku
Tsuzuki Office	27-2 Hiradai, Tsuzuki-ku
Totsuka Office	415-8 Kawakami-cho, Totsuka-ku
Sakae Office	1570-1 Kamigo-cho, Sakae-ku
Izumi Office	5874-14 Izumi-cho, Izumi-ku
Seya Office	548-2 Futatsubashi-cho, Seya-ku

■Offices Related to the Treatment of Human Waste

Office Name	Address
Hokubu Office	3-38-2 Kami-Shirane, Asahi-ku

Office Name	Address
Isogo Inspection Center	38 Shin-Isogo-cho, Isogo-ku

■Incineration Plants

Plant Name	Address
Tsurumi Plant	1-15-1 Suehiro-cho, tsurumi-ku
Asahi Plant	2-8-1 Shirane, Asahi-ku
Kanazawa Plant	2-7-1 Sachiura, Kanazawa-ku
Tsuzuki Plant	27-1 Hiradai, Tsuzuki-ku

*The Hodogaya Plant is temporarily suspended.

■Recycling-related Facilities

Facility Name	Address
Tsurumi Recycling Center	1-15-1 Suehiro-cho, Tsurumi-ku
Kanazawa Resource Separation Center	2-7-1 Sachiura, Kanazawa-ku
Midori Resource Separation Center	1-3-1 Kamiyama, Midori-ku
Totsuka Resource Separation Center	1921-12 Kamiyabe-cho, Totsuka-ku

■Final disposal site

Facility Name	Address
Minami-Honmoku Block #5 Final Disposal Site	3-1 Minami-honmoku, Naka-ku 4-1 Ground Destination