

# WASTE WATER

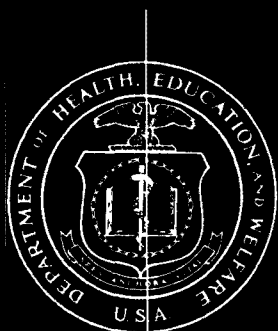


## DISPOSAL PRACTICES



## At Federal Installations

### Volume 23 - MICHIGAN



*Compiled by*

GENERAL SERVICES ADMINISTRATION

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
Public Health Service



**WASTE WATER DISPOSAL PRACTICES  
at  
FEDERAL INSTALLATIONS  
as of December 31, 1960**

**Volume 23 - MICHIGAN**

**U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
Public Health Service  
Division of Water Supply and Pollution Control  
Washington 25, D. C.**

# WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS

## State Volumes

<u>No.</u>		<u>No.</u>	
1	Alabama	28	Nebraska
2	Alaska	29	Nevada
3	Arizona	30	New Hampshire
4	Arkansas	31	New Jersey
5	California	32	New Mexico
6	Colorado	33	New York
7	Connecticut	34	North Carolina
8	Delaware	35	North Dakota
9	District of Columbia	36	Ohio
10	Florida	37	Oklahoma
11	Georgia	38	Oregon
12	Hawaii	39	Pennsylvania
13	Idaho	40	Rhode Island
14	Illinois	41	South Carolina
15	Indiana	42	South Dakota
16	Iowa	43	Tennessee
17	Kansas	44	Texas
18	Kentucky	45	Utah
19	Louisiana	46	Vermont
20	Maine	47	Virginia
21	Maryland	48	Washington
22	Massachusetts	49	West Virginia
23	Michigan	50	Wisconsin
24	Minnesota	51	Wyoming
25	Mississippi	52	Puerto Rico
26	Missouri	53	Virgin Islands
27	Montana		

## Department Volumes

<u>No.</u>	
54	U. S. Department of Agriculture
55	U. S. Department of Defense (classified)
56	U. S. Departments of Commerce, Interior, Justice, Post Office, State, Treasury, and Health, Education, and Welfare
57	Independent Agencies of the U. S. Government
58	U. S. Department of Defense (classified) for Alaska, Hawaii, Puerto Rico and Virgin Islands only

U. S. GOVERNMENT PRINTING OFFICE

WASHINGTON 25, D. C.

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## INTRODUCTION

### Inventory Background

The Federal Water Pollution Control Act (33 USC 466h), contemplates a Federal program in cooperation with State and interstate agencies and municipalities for the control and abatement of water pollution emanating from Federal installations.

The President, in a memorandum dated May 13, 1960, requested the Secretary of Health, Education, and Welfare to prepare an inventory of waste water disposal practices at Federal installations as a first step in the discharge of this responsibility. The President emphasized that the Federal establishment must point the way for the rest of the Nation by making certain its own house is in order with reference to the preventing and controlling of water pollution attributable to wastes discharged from Federal installations. The inventory, he stated, would assist the Federal agencies in determining what corrective actions may be required and how rapidly they may be accomplished to eliminate conditions contributing to such pollution.

On May 18, 1960, the Deputy Assistant to the President wrote the heads of all Federal departments and agencies, advising them of the President's instructions to the Secretary of Health, Education, and Welfare and stating that the President had asked them to provide "such assistance as may be requested by the Secretary of Health, Education, and Welfare in making this inventory and in completing it promptly."

The inventory entitled "Waste Water Disposal Practices at Federal Installations," of which this volume is a part, was prepared by the Department of Health, Education, and Welfare and the General Services Administration, in cooperation with all the Federal departments and agencies working in accordance with GSA Circular No. 232 (March 14, 1961). The circular, reproduced in the Appendix of this report, gives detailed instructions and criteria for the work.

### Inventory Coverage

The inventory covers waste water disposal practices of Federal activities on all real property owned by or leased to the Federal Government in all the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, and the Virgin Islands. Included also are the waste water disposal practices of wholly Government-owned corporations and nonfederal activities conducted on Federal properties, such as those of construction contractors and park concessionaires.

Not covered are trust properties; space leased to the United States for offices, including post offices, in nonfederally owned or operated buildings; land without activities generating wastes; lookout towers, ranger offices, and single living quarters in national forests and remote areas, and seldom-visited and/or unattended communications stations.

## Source of Inventory Data

Following instructions of GSA Circular No. 232, personnel at the individual reporting installation supplied the identifying and technical data. These reports were submitted to their respective Washington, D. C. headquarters. Here they were reviewed for completeness and accuracy, then forwarded to the special technical staff of the Division of Water Supply and Pollution Control, Public Health Service, for further review for conformity to instructions and definitions. Any discrepancies or differences were resolved by mutual agreement at this point. Accepted reports were forwarded to the Bureau of the Census for processing for the present document.

## How to Identify the Columnar Listings

1. "GSA Control." The numbers in Agency or Bureau and Installation columns are codes assigned by GSA for identifying purposes. The Report Number is the serial number assigned each report as received by the special staff. A number in this column opposite a total indicates the number of reports which are included in that total.

2. "Geographical Location" numbers are those assigned by GSA in its publication "Geographic Location Codes."

3. "Card Number" indicates the classification of the point of discharge according to the code sheet (page ix) immediately preceding the detailed listings.

4. "Activity" indicates whether the waste-generating activity is Federal (1), or nonfederal (2).

5. "Population" is a code number to indicate the population size group contributing the waste volume in a normal day's operation. For security reasons this information is deleted from all Department of Defense entries except in the Departmental classified volume.

6. Sewage volume is measured in gallons per day. However, in cases of pit privies and chemical toilets, where fecal wastes are not water-borne, the figure in this column relates to persons per day and is followed by the letter "P" in the column headed "Persons." These figures are summarized separately whenever totals appear.

7. "Percent Treated" under both sewage and industrial wastes relates to the percent of total volume of discharge which receives any treatment before discharge from the installation. It does not reflect the degree of any treatment, nor does it reflect the extent of any treatment after the discharge has been received by municipal sewerage systems.

Under industrial wastes the following processes were considered as treatment: tanks and equipment for neutralization of alkalinity or acidity; oil and grease separation and removal; precipitation of solids; removal of cyanides and chromates.

Chemical treatment of cooling water to control corrosion within piping systems and equipment was not considered to be industrial waste treatment. Cooling water is shown as a percent of the total industrial waste discharge volume.

8. "Industrial Wastes" volumes are given in gallons per day if water-borne. If there are solid wastes alone or in conjunction with water discharges, the letter "S" appears in the column headed "Solids." The types of industry generating these wastes are indicated by the numbers under "Industrial Activity Codes." These are interpreted on the code sheet.

9. "Notification," if any, relates to the type and most recent date prior to January 1, 1961, of a notification to the installation, issued by a representative of a governmental department, commission, bureau, board, or other legally constituted entity that a pollution problem exists in relation to that specific installation. An interpretation of the type code is given on the code sheet. The dates, if any apply, are given in the date columns.

#### Issuances of the Inventory

The reported data are issued in three types of listings and 58 volumes, as follows:

(1). Volumes 1-53 inclusive cover all reports for each of the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, and the Virgin Islands. Listings are alphabetical by county and by city within each county. Where no city applies, the data are shown at the end of each county. No data on military installations appear in the volumes for Alaska, Hawaii, Puerto Rico and the Virgin Islands.

(2). Volumes 54-57 inclusive are agency listings covering, respectively:

U. S. Department of Agriculture - Volume 54

U. S. Department of Defense (classified confidential) - Volume 55

U. S. Departments of Commerce, Interior, Justice, Post Office, State, Treasury, and Health, Education and Welfare - Volume 56

Independent Agencies of the U. S. Government - Volume 57

These agency listings show the reports alphabetically by State and by city within each State. Where no city applies, the data are shown by county at the end of the State.

(3). Volume 58 contains Department of Defense (classified confidential) reports for Alaska, Hawaii, Puerto Rico, and the Virgin Islands. The listings in this volume are arranged in the same manner as in Volumes 1-53.

## ACKNOWLEDGMENT

The Department of Health, Education, and Welfare and the General Services Administration gratefully acknowledge the fine cooperation extended by all departments and agencies in completing this report and, most particularly, that of the Bureau of the Census of the Department of Commerce. The Bureau of the Census processed the data furnished by all departments and agencies.

# INVENTORY OF WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS KEY TO CODES

DESCRIPTION	
CARD NUMBER	DESIGNATION
0	Installation Name, location & control number.
1	Public utility sewer system receiving wastes.
2	Surface water body receiving wastes.
3	To ground via septic tanks & subsurface drainage fields, cesspools; privy vaults, chemical toilets, lagoons, stabilization ponds & filters w/out discharge to surface body of water; deep wells; & spray or irrigation of land of reporting entity, etc.
4	Transferred to other users for cooling purposes &/or irrigation of land <u>not</u> within the reporting entity.

ACTIVITY	
CODF NUMBER	DESIGNATION
1	Federal activity generates all or major portion of wastes.
2	Non-federal activity generates all or major portion of wastes.

POPULATION SIZE	
CODE NUMBER	Total number of persons in reporting area during a 24-hr. day of normal operations.
1	1 - 50
2	51 - 100
3	101 - 500
4	501 - 1000
5	1001 - 2500
6	2501 - 5000
7	5001 - 10,000
8	over 10,000

SEWAGE - PERSONS	
<p>The letter "P" entered in the "Sewage-Persons" column denotes that non-water-carried fecal wastes are being generated. The figure entered in the "Sewage-Volume-Gallons Per Day" column to the immediate left of the letter "P" indicates the number of people who are generating the solid wastes. There is no indication of the quantity of solid wastes being generated. When no "P" appears in the "Persons" column, the figure in the "Sewage-Volume-Gallons Per Day" column indicates the gallons per day of liquid sewage which is generated.</p>	

INDUSTRIAL WASTE - SOLIDS	
<p>The letter "S" entered in the "Industrial Wastes-Solids" column denotes that solid industrial wastes are being generated. There is no indication of the quantity of solid wastes being generated. When a figure appears in the "Industrial Waste-Volume-Gallons Per Day" column immediately to the left of an "S", the figure represents the gallons of liquid industrial wastes generated per day.</p>	

INDUSTRIAL ACTIVITY CODES	
CODE NUMBER	DESIGNATION
10	Metal mining
11	Anthracite, bituminous coal & lignite mining
13	Crude petroleum & natural gas extraction
14	Mining & quarrying of nonmetallic minerals, except fuels
18	Radioactive materials operations
20	Food & kindred products
22	Textile mill products
24	Lumber & wood products
26	Paper & allied products
28	Chemicals & allied products
29	Products of petroleum & coal
30	Rubber & rubber products
31	Leather & leather products
33	Primary metal industries
34	Fabricated metal products
39	Miscellaneous wastes including cooling water from mechanical equipment, run-off from vehicle & aircraft washing operations, spent solutions from engine cleaning & metal plating operations, boiler blow-down and condensate discharges from heating plants, overflow water from fish hatchery ponds, etc.

NOTIFICATION-TYPE	
CODE NUMBER	DESIGNATION
	Type of notification, if any, which has been received from an official source that existing waste water discharge practices may be responsible for creating a water pollution problem.
1	No notification received
2	Formal notice
3	Letter report
4	Verbal report



## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS TREATED	PERCENT COOLING		TYPE	MO	DAY	YR
							MICHIGAN ALCONA CO												
							HARRISVILLE AGRICULTURE FOREST SERVICE RANGERS DWELLING HARRISVILLE CITY SEWER	1	1	275	0						1		
1226	07770	06359	21	2190	001	0	PROP WITHOUT CITY IDENT AGRICULTURE FOREST SERVICE LOWER MICH NAT FOREST GLENNIE WAREHOUSE GROUND	1	1	75	100						1		
1226	07770	06367	21	9999	001	0	PINE RIVER CAMPGROUND GROUND	1	1	25P	0						1		
1226	07770	06394	21	9999	001	0	HORSHOE LAKE CAMPGROUND GROUND	1	1	10P	0						1		
1226	07770	06395	21	9999	001	0	8 COUNTY TOTAL			350 35P									
		4					ALGER CO												
							GRAND MARAIS TREASURY U S COAST GUARD GRAND MARAIS LIFEBOAT STA GROUND	1	1	700	100						1		
							MUNISING AGRICULTURE FOREST SERVICE UPPER MICH NAT FOREST MUNISING RGR DWELLING MUNISING CITY SEWER	1	1	200	0						1		
1226	07776	06625	21	3440	003	0	MUNISING RGR OFFICE MUNISING CITY SEWER	1	1	50	0						1		
1226	07776	06628	21	3440	003	0	MUNISING WAREHOUSE MUNISING CITY SEWER	1	1	10	0						1		
1226	07776	06631	21	3440	003	0	POST OFFICE BUREAU OF FACILITIES POST OFFICE MUNISING CITY SEWER	1	1	250	0						1		
1804	00441	14645	21	3440	003	0	TREASURY U S COAST GUARD MUNISING LIFEBOAT STA MUNISING CITY SEWER	1	1	140	0						1		
2016	10952	08525	21	3440	003	0	PROP WITHOUT CITY IDENT AGRICULTURE FOREST SERVICE UPPER MICH NAT FOREST MOCCASIN LAKE CAMPGND GROUND	1	1	40P	0						1		
1226	07776	06594	21	9999	003	0	HOVEY LAKE CAMPGROUND GROUND	1	1	10P	0						1		
1226	07776	06595	21	9999	003	0	ISLAND LAKE CAMPGROUND GROUND	1	1	25P	0						1		
1226	07776	06596	21	9999	003	0	WIDOWATERS CAMPGROUND GROUND	1	1	50P	0						1		
1226	07776	06599	21	9999	003	0	BAY FURNACE CAMPGROUND GROUND	1	1	18P	0						1		
1226	07776	06602	21	9999	003	0	22 COUNTY TOTAL			1,350 143P									
		11					ALLEGAN CO												
							ALLEGAN POST OFFICE BUREAU OF FACILITIES POST OFFICE	1	1	200	0						1		
1804	00365	14566	21	0080	005	0	ALLEGAN CITY SEWER FEDERAL COMM COM ALLEGAN MONITORING STA GROUND	1	1	125	100						1		
2701	05083	00517	21	0080	005	0	4 COUNTY TOTAL			325									
		2					ALPENA CO												
							ALPENA DEFENSE NAVY RES ELECTRONIC FACILITY ALPENA CITY SEWER TREASURY	1		300	0						1		
1701	84196	01496	21	0120	007	0	U S COAST GUARD ALPENA LIGHT STATION ALPENA CITY SEWER	1	1	420	0						1		
2016	08417	08466	21	0120	007	0													

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	VOLUME GALLONS PER DAY	SOLIDS TREATED	PERCENT COOLING		TYPE	DATE		
→ 4705	00367	12572	21	0120	007	02	GENERAL SERVICES ADMIN FEDERAL BUILDING THUNDER BAY RIVER	1	1	400	0					1			
→ 2016	08580	08495	21	9999	007	03	PROP WITHOUT CITY IDENT TREASURY U S COAST GUARD MIDDLE ISLAND LIGHT STA GROUND	1	1	420	100					1			
→ 2016	08704	08518	21	9999	007	03	THUNDER BAY ISL LT STA GROUND	1	1	560	100					1			
		5					10 COUNTY TOTAL			2,100									
							BARRY CO												
							HASTINGS POST OFFICE BUREAU OF FACILITIES POST OFFICE												
1804	00414	14617	21	2220	015	01	HASTINGS CITY SEWER 2 COUNTY TOTAL	1	1	195	0					1			
		1								195									
							BAY CO												
→ 1701	22972	01517	21	0320	017	03	BAY CITY DEFENSE NAVY RESERVE TRAINING CENTER GROUND	1		659	100					1			
							POST OFFICE BUREAU OF FACILITIES P O COURT & CUSTOMHOUSE												
1804	00371	14571	21	0320	017	01	BAY CITY SEWER DEFENSE	1	2	28,300	0					1			
2101	22073	17584	21	0320	017	01	ARMY USAR CENTER BAY CITY SEWER	1		3,000	0					1			
→ 2016	08655	08508	21	1600	017	03	ESSEXVILLE TREASURY U S COAST GUARD SAGINAW RIVER LT STA GROUND	1	1	700	100					1			
		4					8 COUNTY TOTAL			32,659									
							BENZIE CO												
							FRANKFORT POST OFFICE BUREAU OF FACILITIES POST OFFICE												
1804	00404	14606	21	1800	019	01	FRANKFORT CITY SEWER TREASURY	1	1	65	0					1			
→ 2016	08493	08479	21	1800	019	03	U S COAST GUARD FRANKFORT LIFEBOAT STA GROUND	1	1	910	100					1			
→ 2016	08621	08502	21	9999	019	03	PROP WITHOUT CITY IDENT TREASURY U S COAST GUARD POINT BETSIE LIGHT STA GROUND	1	1	490	100					1			
		3					6 COUNTY TOTAL			1,465									
							BERRIEN CO												
							BENTON HARBOR AGRICULTURE AGR MARKETING SERVICE RR #1 PIPESTONE ROAD												
1211	33811	09253	21	0410	021	01	BENTON HARBOR CITY SEW DEFENSE	1	1	350	0					1			
1701	23970	01518	21	0410	021	01	NAVY RESERVE TRAINING CENTER BENTON HARBOR CITY SEW	1		65	0					1			
							POST OFFICE BUREAU OF FACILITIES POST OFFICE												
1804	00573	14573	21	0410	021	01	BENTON HARBOR CITY SEW	1	2	250	0					1			
							BUCHANAN POST OFFICE BUREAU OF FACILITIES POST OFFICE												
1804	00373	14580	21	0640	021	01	BUCHANAN CITY SEWER	1	1	280	0					1			

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

[illegible]

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION				
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	PERCENT TREATED	COOLING		TYPE	DATE	MO	DAY	YR
							CASS CO													
							DOWAGIAC													
							POST OFFICE													
→ 1804	00395	20280	21	1320	027	0	BUREAU OF FACILITIES	1	1										1	
		1				2	POST OFFICE													
							DOWAGIAC CREEK			700	0									
							2 COUNTY TOTAL			700										
							CHARLEVOIX CO													
							BEAVER ISLAND													
							TREASURY													
→ 2016	08429	08467	21	0345	029	0	U S COAST GUARD	1	1										1	
						3	BEAVER ISL LIFEBOAT STA			490	100									
							GROUND													
							BOYNE CITY													
							POST OFFICE													
1804	00578	14578	21	0530	029	0	BUREAU OF FACILITIES	1	1										1	
						1	POST OFFICE			200	0									
							BOYNE CITY SEWER													
							CHARLEVOIX													
							INTERIOR													
✓ → 1413	09508	09807	21	0880	029	0	FISH AND WILDLIFE SERV	1	1										1	
						1	CHARLEVOIX NAT FISH HAT			500	0									
						2	CHARLEVOIX CITY SEWER													
							LAKE MICHIGAN					800,000	0	0						
							TREASURY													
							U S COAST GUARD													
2016	08449	08470	21	0880	029	0	CHARLEVOIX MOORINGS	1	1										1	
						1	CHARLEVOIX CITY SEWER			140	0									
2016	10946	08522	21	0880	029	0	CHARLEVOIX LIFEBOAT STA	1	1										1	
		5				1	CHARLEVOIX CITY SEWER			2,240	0									
							11 COUNTY TOTAL			3,570										
							CHEBOYGAN CO													
							CHEBOYGAN													
							POST OFFICE													
1804	00378	14585	21	0900	031	0	BUREAU OF FACILITIES	1	1										1	
						1	POST OFFICE			166	0									
							CHEBOYGAN CITY SEWER													
							TREASURY													
							U S COAST GUARD													
2016	08451	08471	21	0900	031	0	CHEBOYGAN RANGE FR L/S	1	1										1	
						1	CHEBOYGAN CITY SEWER			350	0									
							PROP WITHOUT CITY IDENT													
							TREASURY													
→ 2016	08569	08493	21	9999	031	0	U S COAST GUARD	1	1										1	
						2	MARTIN REEF LIGHT STA			280	0									
→ 2016	08619	08501	21	9999	031	0	LAKE HURON	1	1										1	
						2	POE REEF LIGHT STATION			350	0									
		4					LAKE HURON			1,146										
							8 COUNTY TOTAL													
							CHIPPEWA CO													
							BARBEAU													
							TREASURY													
→ 2016	08582	08496	21	0285	033	0	U S COAST GUARD	1	1										1	
						3	MIDDLE NEEBISH CUT LAS			280	100									
							GROUND													
							BRIMLEY													
							INTERIOR													
✓ → 1413	09497	09805	21	0585	033	0	FISH AND WILDLIFE SERV	1	1										1	
						2	PENDILLS CREEK FISH HAT					5,750,000	0	0						
						3	LAKE SUPERIOR			750	100									
							GROUND													
							TREASURY													
→ 2016	08623	08503	21	0585	033	0	U S COAST GUARD	1	1										1	
						3	POINT IROQUOIS LT STA			280	100									
							GROUND													
							KINROSS AFB													
							DEFENSE													
→ 5701	24285	10947	21	2595	033	0	AIR FORCE	1											1	
						2	KINCHELOE AF BASE			254,000	100									
							SWAMP													

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS TREATED	PERCENT COOLING		TYPE	MO	DAY	YR
							RACO AGRICULTURE FOREST SERVICE UPPER MICH NAT FOREST												
→	1226	07776	06629	21	4135	033	0	RACO RANGER DWELLING	1	1						1			
							3	GROUND			150	100							
→	1226	07776	06630	21	4135	033	0	RACO OFFICE	1	1						1			
							3	GROUND			100	100							
								INTERIOR											
✓→	1413	13167	09812	21	4135	033	0	FISH AND WILDLIFE SERV MARQUETTE FOR FISH HAT - SULLIVANS CREEK	1	1						1			
							2	GROUND			150	100	4,220,000	0	0	39			
							3	DEFENSE ARMY											
→	2101	21293	19131	21	4135	033	0	LUCAS CAMP TARGET RANGE	1							1			
							3	GROUND			25P	0							
								SAULT STE MARIE TREASURY											
								U S COAST GUARD											
	2016	08667	08512	21	4480	033	0	CG BASE SAULT STE MARIE	1	1						1			
							1	SAULT STE MARIE SEWER			3,080	0							
								DEFENSE ARMY											
	2101	20537	17618	21	4480	033	0	CAMP LUCAS	1							1			
							1	SAULT STE MARIE SEWER			300	0							
								GENERAL SERVICES ADMIN											
	4705	00460	12583	21	4480	033	0	FEDERAL BLDG	1	1						1			
							1	SAULT STE MARIE SEWER			300	0							
								DEFENSE											
→	5701	24211	10950	21	4480	033	0	AIR FORCE	1							1			
							3	GROUND			9,360	100							
								FEDERAL AVIATION AGENCY											
	6901	00000	13013	21	4480	033	0	MUN AIRPORT NAV FAC	1	1						1			
							1	SAULT STE MARIE ARPT SEW			275	0							
								DEFENSE											
→	9601	09832	18822	21	4480	033	0	CORPS OF ENG CIVIL	1							1			
							2	ST MARYS CANAL											
	9601	09832	18823	21	4480	033	0	ST MARYS RIVER	1		4,800	0				1			
							0	ST MARYS CANAL											
→	9601	09832	20054	21	4480	033	0	SAULT STE MARIE SEWER	1		1,200	0				1			
							1	ST MARYS RIVER PROJECT											
							1	SAULT STE MARIE CITY SEW			1,200	0							
							2	ST MARYS RIVER			4,800	0							
								PROP WITHOUT CITY IDENT											
								AGRICULTURE											
								FOREST SERVICE											
→	1226	07776	06598	21	9999	033	0	UPPER MICH NAT FOREST	1	1						1			
							3	THREE LAKES CAMPGROUND											
→	1226	07776	06601	21	9999	033	0	GROUND	1	3	25P	0				1			
								SOLDIERS LAKE CAMP											
→	1226	07776	06613	21	9999	033	0	GROUND	1	1	170P	0				1			
								DICK CAMPGROUND											
→	1226	07776	06614	21	9999	033	0	GROUND	1	1	14P	0				1			
								BIG PINE PICNIC AREA											
→	1226	07776	06615	21	9999	033	0	GROUND	1	1	40P	0				1			
								BAY VIEW CAMPGROUND											
							3	GROUND			18P	0							
								TREASURY											
→	2016	08470	08473	21	9999	033	0	U S COAST GUARD	1	1						1			
							2	DETOUR REEF LIGHT STA											
→	2016	08551	08486	21	9999	033	0	LAKE HURON	1	1	420	0				1			
							3	LITTLE RAPIDS CUT LAS			420	100							
→	2016	08719	08520	21	9999	033	0	GROUND	1	1						1			
							3	WHITEFISH POINT LT STA			700	100							
								GROUND			282,565								
			24					51 COUNTY TOTAL			292P				9,970,000				
								CLARE CO											
								CLARE											
								POST OFFICE											
	1804	00380	14587	21	0930	035	0	BUREAU OF FACILITIES	1	1						1			
							1	POST OFFICE											
			1					CLARE CITY SEWER			100	0							
								2 COUNTY TOTAL			100								
								CLINTON CO											
								ST JOHNS											
								POST OFFICE											
	1804	00457	15063	21	4400	037	0	BUREAU OF FACILITIES	1	1						1			
							1	POST OFFICE											
			1					ST JOHNS CITY SEWER			500	0							
								2 COUNTY TOTAL			500								

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION				
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED		PERCENT TREATED	COOLING	TYPE	MO	DAY
							CRAWFORD CO													
							GRAYLING POST OFFICE													
1804	00410	14612	21	2050	039	0	BUREAU OF FACILITIES	1	1										1	
						1	POST OFFICE													
							GRAYLING CITY SEWER			100	0									
							DEFENSE ARMY													
2101	20379	17599	21	2050	039	0	NG FACILITY	2											1	
						1	GRAYLING CITY SEWER			15,000	0									
		2					4 COUNTY TOTAL			15,100										
							DELTA CO													
							ESCANABA POST OFFICE													
1804	00400	15057	21	1590	041	0	BUREAU OF FACILITIES	1	2										1	
						1	POST OFFICE													
							ESCANABA CITY SEWER			630	0									
							TREASURY													
							U S COAST GUARD													
2016	08485	08477	21	1590	041	0	ESCANABA LIGHT STATION	1	1										1	
						1	ESCANABA CITY SEWER			210	0									
							GLADSTONE POST OFFICE													
1804	00406	14608	21	1940	041	0	BUREAU OF FACILITIES	1	1										1	
						1	POST OFFICE													
							GLADSTONE CITY SEWER			100	0									
							RAPID RIVER AGRICULTURE													
							FOREST SERVICE													
							UPPER MICH NAT FOREST													
1226	07776	06620	21	4145	041	0	RAPID RIVER SHOP TWO	1	1										1	
						3	GROUND			60	100									
1226	07776	06621	21	4145	041	0	RAPID RIVER SHOP ONE	1	1										1	
						3	GROUND			50	100									
1226	07776	06622	21	4145	041	0	RAPID RIVER ADMIN BLDG	1	1										1	
						3	GROUND			100	100									
1226	07776	06623	21	4145	041	0	RAPID RIVER DWELLING	1	1										1	
						3	GROUND			250	100									
							PROP WITHOUT CITY IDENT													
							AGRICULTURE													
							FOREST SERVICE													
							UPPER MICH NAT FOREST													
1226	07776	06584	21	9999	041	0	CORNER LAKE CAMPGROUND	1	1										1	
						3	GROUND			4P	0									
1226	07776	06589	21	9999	041	0	FLOWING WELL CAMPGROUND	1	2										1	
						3	GROUND			65P	0									
1226	07776	06590	21	9999	041	0	HAYMEADOW CR CAMPGROUND	1	1										1	
						3	GROUND			10P	0									
1226	07776	06591	21	9999	041	0	PENINSULA PT CAMPGROUND	1	1										1	
						3	GROUND			40P	0									
1226	07776	06592	21	9999	041	0	CAMP 7 CAMPGROUND	1	1										1	
						3	GROUND			40P	0									
							TREASURY													
							U S COAST GUARD													
2016	08587	08497	21	9999	041	0	MINNEAPOLIS SHOAL L STA	1	1										1	
						2	LAKE MICHIGAN			350	0									
2016	08662	08511	21	9999	041	0	ST MARTIN ISLAND LT STA	1	1										1	
						3	GROUND			350	100									
		14					28 COUNTY TOTAL			2,100										
							159P													
							DICKINSON CO													
							IRON MOUNTAIN POST OFFICE													
1804	00421	14625	21	2450	043	0	BUREAU OF FACILITIES	1	1										1	
						1	POST OFFICE													
							IRON MTN CITY SEWER			1,000	0									
3601	10289	00075	21	2450	043	0	VETERANS ADMINISTRATION	1	3										1	
						1	V A HOSPITAL													
		2					IRON MOUNT CITY SEWER			68,000	0									
							4 COUNTY TOTAL			69,000										
							EATON CO													
							CHARLOTTE POST OFFICE													
1804	00377	14584	21	0890	045	0	BUREAU OF FACILITIES	1	1										1	
						1	POST OFFICE													
							CHARLOTTE CITY SEWER			249	0									

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION					
AGENCY OR BUREAU	INSTAL- LATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	VOLUME GALLONS PER DAY	PERCENT			TYPE	DATE				
													TREATED	COOLING				MO	DAY	YR	
1804	00399	14601	21	1460	045	01	EATON RAPIDS POST OFFICE BUREAU OF FACILITIES POST OFFICE EATON RAPIDS CITY SEWER	1	1	425	0							1			
1804	00408	14610	21	2000	045	01	GRAND LEDGE POST OFFICE BUREAU OF FACILITIES POST OFFICE GRAND LEDGE CITY SEWER 6 COUNTY TOTAL	1	1	800 1,474	0							1			
		3					EMMET CO														
2016	08510	08482	21	1145	047	02	CROSS VILLAGE TREASURY U S COAST GUARD GRAYS REEF LIGHT STA LAKE MICHIGAN	1	1	350	0							1			
2016	08553	08487	21	2160	047	03	HARBOR SPRINGS TREASURY U S COAST GUARD LITTLE TRAVERSE LT STA GROUND	1	1	280	100							1			
6901	12894	13010	21	3880	047	01	PELLSTON FEDERAL AVIATION AGENCY EMMET CO AIRPT AD BLDG ARPT TO PELLSTON SEWER	1	1	250	0							1			
1804	00447	14651	21	3930	047	01	PETOSKEY POST OFFICE BUREAU OF FACILITIES POST OFFICE PETOSKEY CITY SEWER	1	1	250	0							1			
2016	08721	08521	21	9999	047	02	PROP WITHOUT CITY IDEN TREASURY U S COAST GUARD WHITE SHOAL LIGHT STA LAKE MICHIGAN 10 COUNTY TOTAL	1	1	490 1,620	0							1			
		5					GENESEE CO														
1804	00401	14602	21	1680	049	01	FENTON POST OFFICE BUREAU OF FACILITIES POST OFFICE FENTON VILLAGE SEWER	1	1	200	0							1			
1701	22994	01535	21	1730	049	01	FLINT DEFENSE NAVY RESERVE TRAINING CENTER FLINT CITY SEWER	1		500	0							1			
1804	00000	14605	21	1730	049	01	POST OFFICE BUREAU OF FACILITIES VEHICLE MAINT FACILITY FLINT CITY SEWER	1	1	140	0							1			
1804	00403	14604	21	1730	049	01	POST OFFICE FLINT CITY SEWER DEFENSE ARMY	1	2	45	0							1			
2101	20336	17594	21	1730	049	01	USAR CENTER #1 FLINT CITY SEWER	1		2,000	0							1			
2101	22114	17595	21	1730	049	01	USAR CENTER #2 FLINT CITY SEWER	1		2,000	0							1			
4705	00402	20951	21	1730	049	01	GENERAL SERVICES ADMIN FEDERAL BUILDING FLINT CITY SEWER	1	1	160	0							1			
6901	00000	13002	21	1730	049	01	FEDERAL AVIATION AGENCY BISHOP AIRPORT TOWER BISHOP AIRPORT SEWER	1	1	450	0							1			
2101	21394	17596	21	1980	049	03	GRAND BLANC DEFENSE ARMY DETROIT ORD STOR FAC #1 GROUND	1		15	100							1			
2101	21421	17597	21	1980	049	03	DETROIT ORD STOR FAC #2 GROUND 20 COUNTY TOTAL	1		15 5,525	100							1			
		10																			

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION		
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	PERCENT	VOLUME GALLONS PER DAY	SOLIDS TREATED	PERCENT COOLING		TYPE	DATE	
							GLADWIN CO												
6901	00000	13003	21	1950	051	0	GLADWIN FEDERAL AVIATION AGENCY MUN AIRPORT NAV FAC	1	1								1		
		1				1	GLADWIN AIRPORT SEWER 2 COUNTY TOTAL			125	0								
							GOGEBIC CO												
1226	07773	06481	21	0460	053	0	BESSEMER AGRICULTURE FOREST SERVICE OTTAWA NAT FOREST	1	1								1		
						1	BESSEMER RGR DWELLING			200	0								
1226	07773	06482	21	0460	053	0	BESSEMER CITY SEWER	1	1								1		
						1	BESSEMER RGR STA OFF BESSEMER CITY SEWER			200	0								
							IRONWOOD												
1804	00423	14627	21	2470	053	0	POST OFFICE BUREAU OF FACILITIES	1	1								1		
						1	POST OFFICE IRONWOOD CITY SEWER			240	0								
							WATERSMEET												
							AGRICULTURE												
							FOREST SERVICE												
							OTTAWA NAT FOREST												
→ 1226	07773	06476	21	5115	053	0	WATERSMEET DWLG #3	1	1								1		
						3	GROUND			300	100								
→ 1226	07773	06477	21	5115	053	0	WATERSMEET DWLG #4	1	1								1		
						3	GROUND			200	100								
→ 1226	07773	06478	21	5115	053	0	WATERSMEET RGR STA OFF	1	1								1		
						3	GROUND			400	100								
→ 1226	07773	06479	21	5115	053	0	WATERSMEET DWLG #1	1	1								1		
						3	GROUND			200	100								
→ 1226	07773	06480	21	5115	053	0	WATERSMEET DWLG #2	1	1								1		
						3	GROUND			200	100								
							PROP WITHOUT CITY IDENT												
							AGRICULTURE												
							FOREST SERVICE												
							OTTAWA NAT FOREST												
→ 1226	07773	06454	21	9999	053	0	POMEROY LK CAMPGROUND	1	2								1		
						3	GROUND			60P	0								
→ 1226	07773	06458	21	9999	053	0	LANGFORD LAKE CAMPGND	1	2								1		
						3	GROUND			100P	0								
→ 1226	07773	06459	21	9999	053	0	MARION LK CAMPGROUND	1	2								1		
						3	GROUND			100P	0								
→ 1226	07773	06464	21	9999	053	0	BURNED DAM CAMPGROUND	1	1								1		
						3	GROUND			10P	0								
→ 1226	07773	06465	21	9999	053	0	IMP LAKE CAMPGROUND	1	1								1		
						3	GROUND			30P	0								
		13					26 COUNTY TOTAL			1,940									
							300P												
							GRAND TRAVERSE CO												
							TRAVERSE CITY												
							POST OFFICE												
1804	00463	15069	21	4880	055	0	BUREAU OF FACILITIES	1	2								1		
						1	POST OFFICE												
							TRAVERSE CITY SEWER			50	0								
							TREASURY												
2016	08708	08519	21	4880	055	0	U S COAST GUARD	1	3								1		
						1	TRAVERSE CITY AIR STA			7,840	0								
							TRAVERSE CITY SEWER												
							DEFENSE												
							ARMY												
2101	21942	17619	21	4880	055	0	USAR CENTER	1									1		
						1	TRAVERSE CITY SEWER			2,000	0								
→ 6901	00000	13014	21	4880	055	0	FEDERAL AVIATION AGENCY	1	1								1		
						1	TRAVERSE CITY AD BLDG												
		4				1	TRAVERSE CITY AIR SEW			250	0								
							8 COUNTY TOTAL			10,140									
							GRATIOT CO												
							ALMA												
							POST OFFICE												
1804	00366	14567	21	0100	057	0	BUREAU OF FACILITIES	1	1								1		
						1	POST OFFICE												
		1					ALMA CITY SEWER			150	0								
							2 COUNTY TOTAL			150									

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE			INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION				
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT		TYPE	DATE			
															TREATED			COOLING	MO	DAY	YR
							HILLSDALE CO														
1804	00415	14619	21	2280	059	0	HILLSDALE POST OFFICE	1	1									1			
		1				1	BUREAU OF FACILITIES POST OFFICE			750		0									
							HILLSDALE CITY SEWER			750											
							2 COUNTY TOTAL														
							HOUGHTON CO														
							CALUMET POST OFFICE														
1804	00375	14582	21	0720	061	0	BUREAU OF FACILITIES POST OFFICE	1	1									1			
						1	CALUMET VILLAGE SEWER			150		0									
							HANCOCK DEFENSE														
1701	23007	01543	21	2130	061	0	NAVY RESERVE TRAINING CENTER	1										1			
						1	HANCOCK CITY SEWER			200		0									
							POST OFFICE														
1804	00412	14615	21	2130	061	0	BUREAU OF FACILITIES POST OFFICE	1	1									1			
						1	HANCOCK CITY SEWER			200		0									
							HOUGHTON INTERIOR														
1414	07081	11686	21	2340	061	0	NATIONAL PARK SERVICE	1	1									1			
						2	MAINLAND HEADQUARTERS			200		100									
							PORTAGE LAKE POST OFFICE														
							BUREAU OF FACILITIES														
1804	00417	14621	21	2340	061	0	POST OFFICE	1	1									1			
						1	HOUGHTON VILLAGE SEWER			135		0									
6901	12892	13005	21	2340	061	0	FEDERAL AVIATION AGENCY	1	1									1			
						1	COUNTY MEM ARPT NAV FAC			300		0									
							HOUGHTON AIRPORT SEWER														
							PROP WITHOUT CITY IDENT														
							AGRICULTURE														
							FOREST SERVICE														
1226	07773	06462	21	9999	061	0	OTTAWA NAT FOREST	1	1									1			
						3	BOB LAKE CAMPGROUND			25P		0									
1226	07773	06472	21	9999	061	0	GROUND	1	1									1			
						3	KENTON DWLG #1 & 2			400		100									
1226	07773	06473	21	9999	061	0	GROUND	1	1									1			
						3	KENTON DWELLING #3			200		100									
1226	07773	06475	21	9999	061	0	GROUND	1	1									1			
						3	KENTON RGR STA OFF			200		100									
							GROUND			200		100									
							TREASURY														
2016	08543	08485	21	9999	061	0	U S COAST GUARD	1	1									1			
						2	KEWEENAW LOWER ENT LS			560		0									
2016	08626	08505	21	9999	061	0	LAKE SUPERIOR	1	1									1			
						3	PORTAGE LIFEBOAT STA			1,190		100									
		12					GROUND			3,735											
							24 COUNTY TOTAL			25P											
							HURON CO														
							BAD AXE POST OFFICE														
1804	00369	14569	21	0240	063	0	BUREAU OF FACILITIES POST OFFICE	1	1									1			
						1	BAD AXE CITY SEWER			75		0									
							HARBOR BEACH														
							TREASURY														
2016	08522	08483	21	2150	063	0	U S COAST GUARD	1	1									1			
						2	HARBOR BEACH LIFEBOAT STA			840		0									
							LAKE HURON														
							PORT AUSTIN DEFENSE														
5701	24213	10949	21	4040	063	0	AIR FORCE	1										1			
						2	PORT AUSTIN AF STA			14,600		100									
		3					LAKE HURON			15,515											
							6 COUNTY TOTAL														

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	PERCENT TREATED	COOLING		TYPE	MO	DAY	YR
							INGHAM CO												
							EAST LANSING AGRICULTURE												
1212	07327	07822	21	1430	065	0	AGR RESEARCH SERVICE	1	1	12,000	0					1			
						1	REGIONAL POULTRY LAB												
							INGHAM CO DRAIN COMM												
							POST OFFICE												
1804	00397	14599	21	1430	065	0	BUREAU OF FACILITIES	1	2	500	0					1			
						1	EAST LANSING CITY SEWER												
							LANSING DEFENSE NAVY												
1701	23024	01553	21	2700	065	0	RESERVE TRAINING CENTER	1								1			
						1	LANSING CITY SEWER			500	0								
							POST OFFICE												
1804	01284	14631	21	2700	065	0	BUREAU OF FACILITIES	1	1	300	0					1			
						1	MOTOR VEHICLE FACILITY												
							LANSING CITY SEWER												
							DEFENSE ARMY												
2101	20494	17601	21	2700	065	0	USAR CENTER	1								1			
						1	LANSING CITY SEWER			2,000	0								
							GENERAL SERVICES ADMIN												
4705	00427	20953	21	2700	065	0	POST OFFICE	1	3	3,500	0					1			
						1	LANSING CITY SEWER												
→ 6901	00000	13007	21	2700	065	0	FEDERAL AVIATION AGENCY	1	1	600	0					1			
						1	CAP CITY AIRPT TR BLDG												
							CAP CITY AIRPT SEWER												
							MASON POST OFFICE												
							BUREAU OF FACILITIES												
1804	00435	14640	21	3090	065	0	POST OFFICE	1	1	175	0					1			
		8				1	MASON CITY SEWER			19,575									
							16 COUNTY TOTAL												
							IONIA CO												
							BELDING POST OFFICE												
							BUREAU OF FACILITIES												
1804	00372	14572	21	0370	067	0	POST OFFICE	1	1	80	0					1			
						1	BELDING CITY SEWER												
							IONIA POST OFFICE												
							BUREAU OF FACILITIES												
1804	00420	14624	21	2440	067	0	POST OFFICE	1	1	36	0					1			
		2				1	IONIA CITY SEWER			116									
							4 COUNTY TOTAL												
							IOSCO CO												
							EAST TAWAS AGRICULTURE												
							FOREST SERVICE												
1226	07770	06347	21	1450	069	0	RANGERS DWELLING	1	1	225	0					1			
						1	E TAWAS CITY SEWER												
							POST OFFICE												
1804	00398	14600	21	1450	069	0	BUREAU OF FACILITIES	1	1	1,000	0					1			
						1	POST OFF & FOREST SER												
							EAST TAWAS CITY SEWER												
→ 2016	08701	08517	21	1450	069	0	TREASURY	1	1	1,050	100					1			
						3	U S COAST GUARD												
							TAWAS LIFEBOAT STA												
							GROUND												
							OSCODA DEFENSE												
→ 5701	24278	08999	21	3725	069	0	AIR FORCE	1		290,000	100					1			
						2	WURTSMITH AF BASE			4,900	100								
						3	VAN ETTAN CREEK												
							GROUND												
							PROP WITHOUT CITY IDENT												
							AGRICULTURE												
							FOREST SERVICE												
→ 1226	07770	06343	21	9999	069	0	LOWER MICH NAT FOREST	1	2							1			
						3	MONUMENT CAMPGROUND			65P	0								
							GROUND												
→ 1226	07770	06371	21	9999	069	0	SILVER CR GUARD STA	1	1	10P	0					1			
						3	GROUND												

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED		COOLING	TYPE	MO	DAY
1226	07770	06389	21	9999	069	0	ROLLWAYS CAMPGROUND GROUND	1	2	95P	0						1			
1226	07770	06390	21	9999	069	0	ROLLWAYS PICNIC AREA GROUND	1	2	300	100						1			
1226	07770	06391	21	9999	069	0	CORSAIR PICNIC GROUND GROUND	1	1	40P	0						1			
1226	07770	06392	21	9999	069	0	SILVER VALLEY CAMPGRND GROUND	1	1	800	100						1			
1226	07770	06393	21	9999	069	0	LUMBERMANS MONUMENT GROUND	1	4	1,200P	100						1			
		11				3	23 COUNTY TOTAL			299,475P										
							IRON CO													
							CRYSTAL FALLS POST OFFICE													
1804	00382	14589	21	1160	071	0	BUREAU OF FACILITIES POST OFFICE	1	1	18	0						1			
						1	CRYSTAL FALLS CITY SEW													
							IRON RIVER POST OFFICE													
1804	00422	14626	21	2460	071	0	BUREAU OF FACILITIES POST OFFICE	1	1								1			
						1	IRON RIVER CITY SEWER			28	0									
							PROP WITHOUT CITY IDENT AGRICULTURE													
							FOREST SERVICE OTTAWA NAT FOREST													
1226	07773	06453	21	9999	071	0	NORWAY LAKE CAMPGROUND X	1	2								1			
						3	GROUND			40P	100									
						3	GROUND			160P	0									
1226	07773	06455	21	9999	071	0	PERCH LAKE CAMPGROUND X	1	2								1			
						3	GROUND			100P	0									
1226	07773	06457	21	9999	071	0	HAGERMAN LK PICNIC GRND	1	3	150P	0						1			
						3	GROUND													
1226	07773	06460	21	9999	071	0	NESBIT LAKE ORGN CAMP	1	3	1,000	100						1			
						3	GROUND													
1226	07773	06461	21	9999	071	0	GOLDEN LAKE CAMPGROUND	1	1	30P	0						1			
						3	GROUND													
1226	07773	06463	21	9999	071	0	KIDNEY LAKE CAMPGROUND X	1	1	25P	0						1			
						3	GROUND													
1226	07773	06466	21	9999	071	0	OTTAWA LAKE CAMPGROUND	1	3	2,000	100						1			
						3	GROUND			3,046P										
		9					19 COUNTY TOTAL			505P										
							ISABELLA CO													
							MOUNT PLEASANT POST OFFICE													
1804	00440	14644	21	3410	073	0	BUREAU OF FACILITIES POST OFFICE	1	1								1			
		1				1	MT PLEASANT CITY SEWER			371	0									
							2 COUNTY TOTAL			371										
							JACKSON CO													
							JACKSON DEFENSE NAVY													
1701	23012	01547	21	2500	075	0	RESERVE TRAINING CENTER	1									1			
						1	JACKSON CITY SEWER			300	0									
							POST OFFICE													
1804	00425	14629	21	2500	075	0	BUREAU OF FACILITIES POST OFFICE	1	3								1			
						1	JACKSON CITY SEWER			3,750	0									
							DEFENSE ARMY													
2101	21937	17600	21	2500	075	0	USAR CENTER	1									1			
						1	JACKSON CITY SEWER			2,000	0									
6901	00000	13006	21	2500	075	0	FEDERAL AVIATION AGENCY	1	1								1			
						1	REYNOLDS FIELD AD BLDG			350	0									
		4					8 COUNTY TOTAL			6,400										
							KALAMAZOO CO													
							KALAMAZOO DEFENSE NAVY													
1701	23018	01550	21	2520	077	0	RESERVE TRAINING CENTER	1									1			
						1	KALAMAZOO CITY SEWER			850	0									

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION				
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT		TYPE	DATE			
														TREATED			COOLING	MO	DAY	YR
1804	00129	14630	21	2520	077	0	POST OFFICE BUREAU OF FACILITIES VEHICLE MAINT FACILITY	1	1							1				
4705	00426	12579	21	2520	077	0	KALAMAZOO CITY SEWER GENERAL SERVICES ADMIN	1	2	250	0					1				
		3				1	FEDERAL BUILDING KALAMAZOO CITY SEWER 6 COUNTY TOTAL			3,076 4,176	0									
							KENT CO													
							GRAND RAPIDS DEFENSE NAVY													
1701	23004	01541	21	2010	081	0	RESERVE TRAINING CENTER GRAND RAPIDS CITY SEWER	1		3,200	0					1				
						1	POST OFFICE BUREAU OF FACILITIES													
1804	01978	14611	21	2010	081	0	MOTOR VEHICLE FACILITY GRAND RAPIDS CITY SEWER	1	2	2,210	0					1				
						1	DEFENSE													
→ 2101	20373	19124	21	2010	081	0	ARMY NAT GUARD FACILITY	1								1				
						3	GROUND			3,000	100									
2101	20374	17598	21	2010	081	0	USAR CENTER GRAND RAPIDS CITY SEWER	1		2,000	0					1				
						1	GENERAL SERVICES ADMIN													
4705	00409	20952	21	2010	081	0	POST OFFICE & COURTHOUSE GRAND RAPIDS CITY SEWER	1	3	4,000	0					1				
						1	FEDERAL AVIATION AGENCY													
→ 6901	43510	13004	21	2010	081	0	KENT CO AIRPORT TOWER GRAND RAPIDS AIRPT SEW	1	1	475	0					1				
						1														
							LOWELL POST OFFICE BUREAU OF FACILITIES													
1804	00390	14634	21	2860	081	0	POST OFFICE LOWELL CITY SEWER	1	1	75	0					1				
						1														
							ROCKFORD POST OFFICE BUREAU OF FACILITIES													
1804	00452	14656	21	4260	081	0	POST OFFICE ROCKFORD CITY SEWER	1	1	350 15,310	0					1				
		8				1	16 COUNTY TOTAL													
							KEWEENAW CO													
							AHMEEK DEFENSE AIR FORCE													
→ 5701	24238	10944	21	0030	083	0	CALUMET AIR FORCE STA CENTRAL CREEK	1		20,000	100					1				
						2														
							EAGLE HARBOR TREASURY U S COAST GUARD													
→ 2016	08482	08476	21	1365	083	0	EAGLE HARBOR LT STA GROUND	1	1	280	100					3	07	23 56		
						3														
							PROP WITHOUT CITY IDENT INTERIOR NATIONAL PARK SERVICE													
→ 1414	07081	11685	21	9999	083	0	ISLE ROYLE NAT PARK CP SISKIWIW CAMPGROUND	1	1							1				
						3	GROUND			1P	0									
→ 1414	07081	11687	21	9999	083	0	BEAVER ISLAND GROUND	1	1			1P	0			1				
						3														
→ 1414	07081	11688	21	9999	083	0	BELLE ISLAND CAMPGROUND GROUND	1	1			1P	0			1				
						3														
→ 1414	07081	11689	21	9999	083	0	BIRCH ISLAND GROUND	1	1			1P	0			1				
						3														
→ 1414	07081	11690	21	9999	083	0	WINDIGO LODGE GROUND	1	1	1,000	100					1				
						3														
→ 1414	07081	11691	21	9999	083	0	WASHINGTON CREEK CAMPGND GROUND	1	1			3P	0			1				
						3														
→ 1414	07081	11692	21	9999	083	0	TODD HARBOR CAMPGROUND GROUND	1	1			1P	0			1				
						3														
→ 1414	07081	11693	21	9999	083	0	TOBIN HARBOR CAMPGROUND GROUND	1	1			3P	0			1				
						3														
→ 1414	07081	11694	21	9999	083	0	ROCK HARBOR LODGE GROUND	1	2	1,800	100					1				
						3														
→ 1414	07081	11695	21	9999	083	0	ROCK HARBOR CAMPGROUND GROUND	1	1			1P	0			1				
						3														

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT PERSONS TREATED	VOLUME GALLONS PER DAY	PERCENT PERSONS TREATED	COOLING		TYPE	DATE		
→ 1414	07081	11696	21	9999	083	0	MOTT ISLAND HEADQTRS	1	1							1			
→ 1414	07081	11697	21	9999	083	0	GROUND	1	1	800	100					1			
→ 1414	07081	11698	21	9999	083	0	MOSKEY BASIN CAMPGROUND	1	1							1			
→ 1414	07081	11699	21	9999	083	0	GROUND	1	1	2P	0					1			
→ 1414	07081	11699	21	9999	083	0	MERRITTS LANE CAMPGROUND	1	1	1P	0					1			
→ 1414	07081	11700	21	9999	083	0	GROUND	1	1	3P	0					1			
→ 1414	07081	11700	21	9999	083	0	MALONE BAY CAMPGROUND	1	1							1			
→ 1414	07081	11701	21	9999	083	0	GROUND	1	1	2P	0					1			
→ 1414	07081	11701	21	9999	083	0	MCCARGO COVE CAMPGROUND	1	1	1P	0					1			
→ 1414	07081	11702	21	9999	083	0	GROUND	1	1	1P	0					1			
→ 1414	07081	11702	21	9999	083	0	GRACE ISLAND CAMPGROUND	1	1							1			
→ 1414	07081	11703	21	9999	083	0	GROUND	1	1	1P	0					1			
→ 1414	07081	11703	21	9999	083	0	DUNCAN NARROWS CAMPGND	1	1							1			
→ 1414	07081	11704	21	9999	083	0	GROUND	1	1	1P	0					1			
→ 1414	07081	11704	21	9999	083	0	DUNCAN BAY CAMPGROUND	1	1							1			
→ 1414	07081	11705	21	9999	083	0	GROUND	1	1	4P	0					1			
→ 1414	07081	11705	21	9999	083	0	DAISY FARM CAMPGROUND	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	2P	0					1			
→ 1414	07081	11706	21	9999	083	0	CHIPPEWA HARBOR CAMPGND	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	1P	0					1			
→ 1414	07081	11706	21	9999	083	0	CARIBOU ISLAND	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1							1			
→ 1414	07081	11706	21	9999	083	0	TREASURY	1	1							1			
→ 1414	07081	11706	21	9999	083	0	U S COAST GUARD	1	1							1			
→ 1414	07081	11706	21	9999	083	0	MANITOU ISLAND LT STA	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	350	100					1			
→ 1414	07081	11706	21	9999	083	0	PASSAGE ISLAND LT STA	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	350	100					1			
→ 1414	07081	11706	21	9999	083	0	ROCK OF AGES LIGHT STA	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	350	100					1			
→ 1414	07081	11706	21	9999	083	0	STANNARD ROCK LIGHT STA	1	1							1			
→ 1414	07081	11706	21	9999	083	0	LAKE SUPERIOR	1	1	280	0					1			
→ 1414	07081	11706	21	9999	083	0	54 COUNTY TOTAL	1	1	25,210									
→ 1414	07081	11706	21	9999	083	0	LAKE CO	1	1	30P									
→ 1414	07081	11706	21	9999	083	0	BALDWIN	1	1										
→ 1414	07081	11706	21	9999	083	0	AGRICULTURE	1	1										
→ 1414	07081	11706	21	9999	083	0	FOREST SERVICE	1	1										
→ 1414	07081	11706	21	9999	083	0	LOWER MICH NAT FOREST	1	1										
→ 1414	07081	11706	21	9999	083	0	DISTRICT RANGERS OFFICE	1	1										
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	225	100					1			
→ 1414	07081	11706	21	9999	083	0	BALDWIN SHOPS & WHSES	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	13P	0					1			
→ 1414	07081	11706	21	9999	083	0	ASST RANGER DWELLING	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	375	100					1			
→ 1414	07081	11706	21	9999	083	0	RANGER DWELLING	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	225	100								
→ 1414	07081	11706	21	9999	083	0	PROP WITHOUT CITY IDENT	1	1										
→ 1414	07081	11706	21	9999	083	0	AGRICULTURE	1	1										
→ 1414	07081	11706	21	9999	083	0	FOREST SERVICE	1	1										
→ 1414	07081	11706	21	9999	083	0	LOWER MICH NAT FOREST	1	1										
→ 1414	07081	11706	21	9999	083	0	BEAR TRACK CAMPGROUND	1	1										
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	20P	0					1			
→ 1414	07081	11706	21	9999	083	0	OLD GRADE CAMPGROUND	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	40P	0					1			
→ 1414	07081	11706	21	9999	083	0	TIMBER CREEK CAMPGROUND	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	25P	0					1			
→ 1414	07081	11706	21	9999	083	0	DRIFTWOOD VALLEY CMPGND	1	1							1			
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	25P	0								
→ 1414	07081	11706	21	9999	083	0	16 COUNTY TOTAL	1	1	825									
→ 1414	07081	11706	21	9999	083	0	LAPEER CO	1	1	123P									
→ 1414	07081	11706	21	9999	083	0	LAPEER	1	1										
→ 1414	07081	11706	21	9999	083	0	POST OFFICE	1	1										
→ 1414	07081	11706	21	9999	083	0	BUREAU OF FACILITIES	1	1										
→ 1414	07081	11706	21	9999	083	0	POST OFFICE	1	1										
→ 1414	07081	11706	21	9999	083	0	LAPEER CITY SEWER	1	1	100	0					1			
→ 1414	07081	11706	21	9999	083	0	2 COUNTY TOTAL	1	1	100									
→ 1414	07081	11706	21	9999	083	0	LEELANAU CO	1	1										
→ 1414	07081	11706	21	9999	083	0	EMPIRE	1	1										
→ 1414	07081	11706	21	9999	083	0	DEFENSE	1	1										
→ 1414	07081	11706	21	9999	083	0	AIR FORCE	1	1										
→ 1414	07081	11706	21	9999	083	0	EMPIRE AIR FORCE STA	1	1										
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	18,000	100					1			
→ 1414	07081	11706	21	9999	083	0	NORTHPORT	1	1										
→ 1414	07081	11706	21	9999	083	0	TREASURY	1	1										
→ 1414	07081	11706	21	9999	083	0	U S COAST GUARD	1	1										
→ 1414	07081	11706	21	9999	083	0	GRAND TRAVERSE LT STA	1	1										
→ 1414	07081	11706	21	9999	083	0	GROUND	1	1	420	100					1			

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE		INDUSTRIAL WASTE		INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	VOLUME GALLONS PER DAY	PERCENT TREATED		TYPE	MO	DAY	YR
→ 2016	08595	08498	21	9999	089	0	PROP WITHOUT CITY IDENT TREASURY U S COAST GUARD NORTH MANITOU SHOAL LS LAKE MICHIGAN 6 COUNTY TOTAL	1	1	350 18,770	0				1			
		3				2	LENAWEE CO  BLISSFIELD POST OFFICE BUREAU OF FACILITIES POST OFFICE BLISSFIELD VILL SEWER	1	1	185	0				1			
1804	00577	14577	21	0500	091	0	HUDSON POST OFFICE BUREAU OF FACILITIES POST OFFICE HUDSON CITY SEWER 4 COUNTY TOTAL	1	1	175 360	0				1			
1804	00419	14623	21	2390	091	0	LIVINGSTON CO  HOWELL POST OFFICE BUREAU OF FACILITIES POST OFFICE HOWELL CITY SEWER 2 COUNTY TOTAL	1	1	100 100	0				1			
		2				1	MACKINAC CO  MACKINAC ISLAND TREASURY U S COAST GUARD MACKINAC ISL LIFEBOAT STA LAKE HURON	1	1	980	0				1			
→ 2016	10951	08524	21	2920	097	0	ST IGNACE AGRICULTURE FOREST SERVICE ST IGNACE R DWELLING EDISON SLT ELEC SEWER	1	1	200	0				1			
		06626	21	4390	097	0	PROP WITHOUT CITY IDENT AGRICULTURE FOREST SERVICE UPPER MICH NAT FOREST MAPLE HILL PICNIC AREA GROUND	1	1	4P	0				1			
→ 1226	07776	06588	21	9999	097	0	LAKE MICH CUST CABIN GROUND	1	1	50	100				1			
1226	07776	06593	21	9999	097	0	CARP RIVER CAMPGROUND GROUND	1	2	60P	0				1			
1226	07776	06600	21	9999	097	0	LAKE MICHIGAN SUB UNIT GROUND	1	2	3,000	100				1			
1226	07776	06603	21	9999	097	0	BREVORT LAKE CAMPGROUND GROUND	1	4	5,000	100				1			
1226	07776	06612	21	9999	097	0	FOLEY CREEK CAMPGROUND GROUND	1	2	60P	0				1			
1226	07776	06627	21	9999	097	0	MORAN GUARD STATION GROUND TREASURY U S COAST GUARD LANSING SHOAL LIGHT STA LAKE MICHIGAN	1	1	100	100				1			
→ 2016	08456	08472	21	9999	097	0	SPECTACLE REEF LT STA LAKE HURON 22 COUNTY TOTAL	1	1	350 280 9,960 124P	0				1			
→ 2016	08688	08515	21	9999	097	0	MACOMB CO  EAST DETROIT POST OFFICE BUREAU OF FACILITIES POST OFFICE EAST DETROIT CITY SEWER DEFENSE ARMY USAR CENTER DETROIT CITY SEWER	1	1	636	0				1			
		11				2												
1804	00396	14598	21	1380	099	0		1	2						1			
2101	22255	17593	21	1380	099	0		1		2,000	0				1			

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION				
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT		TYPE	DATE			
														TREATED	COOLING		MO	DAY	YR	
							MOUNT CLEMENS DEFENSE ARMY													
2101	21309	17606	21	3390	099	0	NIKE DET SITE 14-16-C	1											1	
						1	SELFRIDGE AFB SEWER			2,000	0								1	
2101	21309	17607	21	3390	099	0	NIKE DET SITE 14-16-C	1											1	
						1	SELFRIDGE AFB SEWER			2,000	100								1	
2101	21309	17608	21	3390	099	0	NIKE DET SITE 14-16-H	1											1	
						3	GROUND			10,000	100								1	
2101	21309	17609	21	3390	099	0	NIKE DET SITE 14-16-L	1											1	
						3	GROUND			2,000	100								1	
2101	21309	19232	21	3390	099	0	NIKE DET SITES 14 16-L	1											1	
						1	NIKE SITE D-15-H SEWER			1,000	0								1	
2101	80598	19127	21	3390	099	0	DETROIT DEFENSE AREA	1											1	
						1	MT CLEMENS CITY SEWER			40,000	0									
							DEFENSE													
							AIR FORCE													
5701	24261	10952	21	3390	099	0	SELFRIDGE AFB HOMES	1											1	
						1	SELFRIDGE AFB SEWER			120,000	0									
							HEALTH ED AND WELFARE													
							OFFICE OF EDUCATION													
7509	11228	08283	21	3390	099	0	SELFRIDGE AF BASE SCHOOL	1 4											1	
						1	SELFRIDGE AFB SEWER			9,270	0									
							NEW HAVEN DEFENSE ARMY													
2101	00000	19129	21	3540	099	0	FAM HOUS DET DEF AREA	1											1	
						3	GROUND			800	100									
							SELFRIDGE AF BASE													
							DEFENSE													
							AIR FORCE													
5701	24262	10951	21	4515	099	0	SELFRIDGE AF BASE	1											1	
						2	CLINTON RIVER			374,000	100									
							WARREN DEFENSE ARMY													
2101	20268	19233	21	5110	099	0	DETROIT ARSENAL	1									34	1		
						1	MACOMB COUNTY SEWER			447,500	0	50,000	90	10						
						3	GROUND			2,500	100									
2101	21945	17620	21	5110	099	0	MICHIGAN ORD MISSILE PLT	1									39	1		
						1	STERLING TOWNSHIP SEWER			200,000	0	900,000	100	0						
							PROP WITHOUT CITY IDENT													
							DEFENSE													
							ARMY													
2101	21245	17621	21	9999	099	0	NIKE DETROIT SITE 6-C	1											1	
						3	GROUND			4,000	100									
2101	21245	17622	21	9999	099	0	NIKE DETROIT SITE 6-L	1											1	
						3	GROUND			2,000	100									
		16					33 COUNTY TOTAL			1,219,706		950,000								
							MANISTEE CO													
							MANISTEE POST OFFICE													
							BUREAU OF FACILITIES													
1804	00431	14636	21	2960	101	0	POST OFFICE	1 1											1	
						1	MANISTEE CITY SEWER			300	0									
							TREASURY													
2016	08563	08490	21	2960	101	0	U S COAST GUARD	1 1											1	
						3	MANISTEE MOORINGS			490	100									
							GROUND													
							PROP WITHOUT CITY IDENT													
							AGRICULTURE													
							FOREST SERVICE													
1226	07770	06368	21	9999	101	0	LOWER MICH NAT FOREST	1 1											1	
						3	NURSERYMAN DWELLING													
							GROUND			225	100								1	
1226	07770	06369	21	9999	101	0	WELLSTON GUARD DWELLING	1 1											1	
						3	GROUND			300	100									
1226	07770	06370	21	9999	101	0	WELLSTON SIGN SHOP	1 1											1	
						3	GROUND			100	100									
1226	07770	06373	21	9999	101	0	UELLE ROLLWAYS CMPGND	1 1											1	
						3	GROUND			35P	0									
1226	07770	06376	21	9999	101	0	MANIKIWA PICNIC GROUND	1 1											1	
						3	GROUND			30P	0									
1226	07770	06377	21	9999	101	0	MANIKIWA ORGANIZ CAMP	1 3											1	
						3	GROUND			5,250	100									

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	PERCENT			TYPE	DATE		
													TREATED	COOLING			MO	DAY	YR
→ 1226	07770	06378	21	9999	101	0	PINE LAKE CAMPGROUND	1	1										1
					3		GROUND			41P	0								
1226	07770	06379	21	9999	101	0	DORNER LAKE CAMPGROUND	1	1										1
					3		GROUND			25P	0								
1226	07770	06381	21	9999	101	0	ASST NURSERYMN DWELLING	1	1										1
					3		GROUND			300	100								
1226	07770	06382	21	9999	101	0	NURSERY OFFICE	1	1										1
					3		GROUND			60	100								
1226	07770	06383	21	9999	101	0	NURSERY CREW TOILETS	1	1										1
					3		GROUND			30P	0								
→ 1226	07770	06387	21	9999	101	0	SAND LAKE CAMPGROUND	1	3										1
					3		GROUND			419P	0								
		14					28 COUNTY TOTAL			7,025									
							MARQUETTE CO			580P									
							DUKES												
							AGRICULTURE												
							FOREST SERVICE												
1226	07776	06045	21	1335	103	0	UPPER MICH NAT FOREST	1	1										1
					3		U P EXPERIMENT FOREST			300	100								
1226	07776	06605	21	1335	103	0	DUKES WAREHOUSE ONE	1	1										1
					3		GROUND			30	100								
							HAMLIN												
							TREASURY												
→ 2016	08433	08469	21	2115	103	0	U S COAST GUARD	1	1										1
					3		BIG SABLE LIGHT STA			420	100								
							GROUND												
							ISHPEMING												
							POST OFFICE												
1804	00424	14628	21	2480	103	0	BUREAU OF FACILITIES	1	1										1
					1		POST OFFICE			300	0								
							ISHPEMING CITY SEWER												
							MARQUETTE												
							POST OFFICE												
1804	00433	14638	21	3050	103	0	BUREAU OF FACILITIES	1	2										1
					1		POST OFF & COURTHOUSE			1,000	0								
							MARQUETTE CITY SEWER												
							TREASURY												
2016	08568	08492	21	3050	103	0	U S COAST GUARD	1	1										1
					1		MARQUETTE LIFEBOAT STA			1,190	0								
							MARQUETTE CITY SEWER												
→ 6901	00000	13008	21	3050	103	0	FEDERAL AVIATION AGENCY	1	1										1
					1		MARQUETTE AIRPT TR BLDG			300	0								
							MARQUETTE CO AIRPT SEW												
							NEGAUNEE												
							POST OFFICE												
1804	00443	14647	21	3480	103	0	BUREAU OF FACILITIES	1	1										1
					1		POST OFFICE			75	0								
							NEGAUNEE CITY SEWER												
							REPUBLIC												
							DEFENSE												
→ 5701	24760	10948	21	4190	103	0	AIR FORCE	1											1
					2		K I SAWYER AF BASE			469,000	100								
					3		SILVER LEAD CREEK			500	100								
							GROUND												
							WEST HURON ISLAND												
							TREASURY												
→ 2016	08530	08484	21	5175	103	0	U S COAST GUARD	1	1										1
					3		HURON ISLAND LIGHT STA			350	100								
							GROUND			473,465									
		10					21 COUNTY TOTAL												
							MASON CO												
							LUDINGTON												
							POST OFFICE												
1804	00430	14635	21	2870	105	0	BUREAU OF FACILITIES	1	1										1
					1		POST OFFICE			800	0								
							LUDINGTON CITY SEWER												
							TREASURY												
2016	08556	08488	21	2870	105	0	U S COAST GUARD	1	1										1
					1		LUDINGTON LIFEBOAT STA			1,400	0								
							LUDINGTON CITY SEWER												

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION				
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT		TYPE	DATE			
														TREATED			COOLING	MO	DAY	YR
1226	07770	06375	21	9999	105	03	PROP WITHOUT CITY IDENT AGRICULTURE FOREST SERVICE RIVER DRIVE PICNIC GND GROUND 6 COUNTY TOTAL	1	1	15P 2,200 15P	0						1			
		3					MECOSTA CO													
1804	00575	14574	21	0480	107	01	BIG RAPIDS POST OFFICE BUREAU OF FACILITIES POST OFFICE BIG RAPIDS CITY SEWER 2 COUNTY TOTAL	1	1	450 450	0						1			
		1					MENOMINEE CO													
1804	00436	14641	21	3170	109	01	MENOMINEE POST OFFICE BUREAU OF FACILITIES POST OFFICE MENOMINEE CITY SEWER TREASURY	1	1	342	0						1			
2016	08574	08494	21	3170	109	01	U S COAST GUARD MENOMINEE PHD LT STA MENOMINEE CITY SEWER 4 COUNTY TOTAL	1	1	210 552	0						1			
		2					MIDLAND CO													
1804	00437	14642	21	3240	111	01	MIDLAND POST OFFICE BUREAU OF FACILITIES POST OFFICE MIDLAND CITY SEWER 2 COUNTY TOTAL	1	1	525 525	0						1			
		1					MONROE CO													
1509	09123	00230	21	3250	115	01	MILAN JUSTICE BUREAU OF PRISONS FED CORRECTIONAL INST MILAN CITY SEWER	1	4	130,000	0						1			
							MONROE POST OFFICE BUREAU OF FACILITIES POST OFFICE MONROE CITY SEWER DEFENSE ARMY	1	2	448	0						1			
2101	21242	17603	21	3320	115	03	NIKE DETROIT SITE 57-C GROUND	1		6,000	100						1			
2101	21242	17604	21	3320	115	03	NIKE DETROIT SITE 57-H GROUND	1		12,000	100						1			
2101	21242	17605	21	3320	115	03	NIKE DETROIT SITE 57-L GROUND	1		2,000	100						1			
2101	80598	19126	21	3320	115	01	DETROIT DEFENSE AREA MONROE CITY SEWER	1		5,600	0						1			
2016	12780	08528	21	9999	115	02	PROP WITHOUT CITY IDENT TREASURY U S COAST GUARD DETROIT RIVER LIGHT STA LAKE ERIE 14 COUNTY TOTAL	1	1	350 156,398	0						1			
		7					MONTICALLY CO													
1804	00411	14613	21	2060	117	01	GREENVILLE POST OFFICE BUREAU OF FACILITIES POST OFFICE GREENVILLE CITY SEWER 2 COUNTY TOTAL	1	1	100 100	0						1			
		1					MUSKEGON CO													
1701	23036	01559	21	3450	121	01	MUSKEGON DEFENSE NAVY RESERVE TRAINING CENTER MUSKEGON CITY SEWER	1		160	0						1			

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	VOLUME GALLONS PER DAY	SOLIDS TREATED	PERCENT COOLING		TYPE	DATE		
																	MO	DAY	YR
1804	00442	14646	21	3450	121	0	POST OFFICE BUREAU OF FACILITIES POST OFFICE	1	3										1
						1	MUSKEGON CITY SEWER			1,700	0								
2016	10953	08526	21	3450	121	0	TREASURY U S COAST GUARD	1	1										1
						1	MUSKEGON LIFEBOAT STA			1,330	0								
→ 2101	20229	17610	21	3450	121	0	MUSKEGON CITY SEWER	1											
						1	DEFENSE												
						3	ARMY												
2101	21944	17611	21	3450	121	0	MUSKEGON ORD PLANT	1		103,000	0			34					1
						1	MUSKEGON CITY SEWER												
						3	GROUND					60,000	60	40					1
						1	USAR CENTER	1											
						1	MUSKEGON CITY SEWER			2,000	0								
→ 6901	00000	13009	21	3450	121	0	FEDERAL AVIATION AGENCY	1	1										
		6				1	MUSKEGON AIRPT HGR BLDG			525	0								1
						1	MUSKEGON CO AIRPORT SEW			108,715		60,000							
							13 COUNTY TOTAL												
							NEWAYGO CO												
							FREMONT												
							POST OFFICE												
1804	00405	14607	21	1840	123	0	BUREAU OF FACILITIES	1	1										1
						1	POST OFFICE												
							FREMONT CITY SEWER			134	0								
							WHITECLOUD												
							AGRICULTURE												
<del>1226</del>	<del>07770</del>	<del>06352</del>	<del>21</del>	<del>5190</del>	<del>123</del>	<del>0</del>	FOREST SERVICE	<del>1</del>	<del>1</del>										<del>1</del>
<del>1226</del>	<del>07770</del>	<del>06353</del>	<del>21</del>	<del>5190</del>	<del>123</del>	<del>0</del>	LOWER MICH NAT FOREST	<del>1</del>	<del>1</del>	125	0								<del>1</del>
<del>1226</del>	<del>07770</del>	<del>06353</del>	<del>21</del>	<del>5190</del>	<del>123</del>	<del>0</del>	DISTRICT RANGERS OFFICE	<del>1</del>	<del>1</del>										<del>1</del>
→ 1226	07770	06353	21	5190	123	0	WHITE CLOUD CITY SEWER	1	1										1
						3	RANGER DWELLING	1	1	375	0								
						3	WHITE CLOUD CITY SEWER	1	1	700	100								1
							WAYSIDE L PICNIC GND												
							GROUND												
							PROP WITHOUT CITY IDENT												
							AGRICULTURE												
→ 1226	07770	06363	21	9999	123	0	FOREST SERVICE	1	1										1
						3	LOWER MICH NAT FOREST			10P	0								
→ 1226	07770	06386	21	9999	123	0	LODA LAKE PICNIC GROUND	1	1										1
		6				3	GROUND			15P	0								
							HIGHBANKS CAMPGROUND			1,334									
							GROUND			25P									
							12 COUNTY TOTAL												
							OAKLAND CO												
							BIRMINGHAM												
							POST OFFICE												
1804	00576	14575	21	0490	125	0	BUREAU OF FACILITIES	1	3										1
						1	POST OFFICE												
1804	02128	14576	21	0490	125	0	BIRMINGHAM CITY SEWER	1	1	1,792	0								1
						1	VEHICLE MAINT FACILITY			540	0								
							BIRMINGHAM CITY SEWER												
							FERNDAL												
							POST OFFICE												
1804	00386	14603	21	1690	125	0	BUREAU OF FACILITIES	1	2										1
						1	POST OFFICE												
							FERNDAL MUN SEWER			735	0								
							MILFORD												
							DEFENSE												
2101	80598	19125	21	3260	125	0	ARMY	1											1
						1	DETROIT DEFENSE AREA			400	0								
							MILFORD CITY SEWER												
							PONTIAC												
							DEFENSE												
							NAVY												
1701	23042	01562	21	4020	125	0	RESERVE TRAINING CENTER	1											1
						1	PONTIAC CITY SEWER			35	0								
							POST OFFICE												
1804	01004	14653	21	4020	125	0	BUREAU OF FACILITIES	1	1										1
						1	VEHICLE MAINT FACILITY												
						1	PONTIAC CITY SEWER			64	0								
							DEFENSE												
→ 2101	21357	17613	21	4020	125	0	ARMY	1											1
						3	NIKE DETROIT SITE 97-C			2,000	100								
							GROUND												

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED		TYPE	DATE		
																	MO	DAY	YR
2101	21357	17614	21	4020	125	0	NIKE DETROIT SITE 97-L GROUND	1		1,000	100					1			
→ 2101	21420	17616	21	4020	125	0	DETROIT ORD STOR FAC #4 GROUND	1		15	100					1			
→ 2101	21470	17612	21	4020	125	0	NIKE DETROIT SITE 87-L GROUND	1		2,000	100					1			
2101	21470	17615	21	4020	125	0	NIKE DETROIT SITE 87-C GROUND	1		4,000	100					1			
2101	80598	19130	21	4020	125	0	DETROIT DEFENSE AREA PONTIAC CITY SEWER	1		9,200	0					1			
4705	00449	12580	21	4020	125	0	GENERAL SERVICES ADMIN FEDERAL BUILDING	1	2	700	0					1			
						1	PONTIAC CITY SEWER												
							ROCHESTER POST OFFICE												
1804	00451	14655	21	4250	125	0	BUREAU OF FACILITIES POST OFFICE	1	1	400	0					1			
						1	ROCHESTER VILL SEWER												
							ROYAL OAK POST OFFICE												
1804	00454	15059	21	4340	125	0	BUREAU OF FACILITIES POST OFFICE	1	3	1,135	0					1			
						1	ROYAL OAK CITY SEWER												
							PROP WITHOUT CITY IDENT DEFENSE ARMY												
→ 2101	21501	17623	21	9999	125	0	NIKE DETROIT SITE 86-C GROUND	1		3,000	100					1			
→ 2101	21501	17624	21	9999	125	0	NIKE DETROIT SITE 86-L GROUND	1		1,000	100					1			
		17				3	34 COUNTY TOTAL			28,016									
							OCEANA CO												
							HART POST OFFICE												
1804	00413	14616	21	2200	127	0	BUREAU OF FACILITIES POST OFFICE	1	1	200	0					1			
						1	HART CITY SEWER												
							PROP WITHOUT CITY IDENT AGRICULTURE												
→ 1226	07770	06362	21	9999	127	0	FOREST SERVICE PINES POINT CAMPGROUND	1	1	200	0					1			
		2				3	GROUND			200									
							4 COUNTY TOTAL			200									
							ONTONAGON CO												
							ONTONAGON AGRICULTURE												
							FOREST SERVICE												
							OTTAWA NAT FOREST												
1226	07773	06467	21	3700	131	0	ONTONAGON DWELLING #1	1	1	200	0					1			
→ 1226	07773	06468	21	3700	131	0	ONTONAGON CITY SEWER	1	1	200	0					1			
						1	ONTONAGON DWELLING #2												
1226	07773	06469	21	3700	131	0	ONTONAGON CITY SEWER	1	1	200	0					1			
						1	ONTONAGON RGR STA OFF												
							ONTONAGON CITY SEWER												
→ 2016	08601	08499	21	3700	131	0	TREASURY U S COAST GUARD	1	1	280	0					1			
						2	ONTONAGON LIGHT STATION												
							LAKE SUPERIOR												
							PROP WITHOUT CITY IDENT AGRICULTURE												
→ 1226	07773	06456	21	9999	131	0	FOREST SERVICE	1	3	150P	0					1			
						3	OTTAWA NAT FOREST												
1226	07773	06470	21	9999	131	0	COURTNEY LAKE CAMPGRND	1	1	240	100					1			
						3	GROUND												
1226	07773	06471	21	9999	131	0	BERGLAND DWELLING #2	1	1	240	100					1			
						3	GROUND												
1226	07773	06474	21	9999	131	0	BERGLAND DWELLING #1	1	1	240	100					1			
						3	GROUND												
→ 1226	07773	06474	21	9999	131	0	BERGLAND RGR STA OFF	1	1	200	100					1			
						3	GROUND												
		8					16 COUNTY TOTAL			1,560									
										150P									

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	PERCENT TREATED	COOLING		TYPE	DATE		
							OSCODA CO												
							MIO AGRICULTURE FOREST SERVICE LOWER MICH NAT FOREST DISTRICT RANGER OFFICE												
→	1226	07770	06346	21	3305	135 0	GROUND	1	1		75	100							1
	1226	07770	06348	21	3305	135 0	RANGERS DWELLING	1	1										1
✓	1226	07770	06350	21	3305	135 0	GROUND			225	100								1
						3	MIO WAREHOUSE	1	1										1
→	1226	07770	06372	21	3305	135 0	GROUND			45	100								1
						3	ASST RANGERS DWELLING	1	1										1
						3	GROUND			450	100								
							PROP WITHOUT CITY IDENT AGRICULTURE FOREST SERVICE												
→	1226	07766	06345	21	9999	135 0	LOON LAKE CAMPGROUND	1	3										1
						3	GROUND			215P	0								
	1226	07770	06342	21	9999	135 0	LOWER MICH NAT FOREST ISLAND LAKE CAMPGROUND	1	3										1
						3	GROUND			145P	0								1
	1226	07770	06364	21	9999	135 0	MACK LAKE CAMPGROUND	1	1										1
						3	GROUND			30P	0								1
	1226	07770	06365	21	9999	135 0	WAGNER LAKE CAMPGROUND	1	1										1
						3	GROUND			50P	0								1
→	1226	07770	06366	21	9999	135 0	BOY SCOUT ORGANIZ CAMP	1	1										1
						3	GROUND			50P	0								
			9				18 COUNTY TOTAL			795									
										490P									
							OTTAWA CO												
							GRAND HAVEN POST OFFICE BUREAU OF FACILITIES												
	1804	00407	14609	21	1990	139 0	POST OFFICE	1	1										1
						1	GRAND HAVEN CITY SEWER TREASURY			2,800	0								
→	2016	08497	08480	21	1990	139 0	U S COAST GUARD GRAND HAVEN LIFEBOAT STA	1	1										1
						3	GROUND			910	100								
→	9601	09822	18821	21	1990	139 0	DEFENSE CORPS OF ENG CIVIL GRAND HAVEN BOATYARD	1											1
→	9601	09822	20052	21	1990	139 0	GRAND RIVER ENGINEERS SUPPLY DEPOT	1		120	0								1
						2	GRAND RIVER			120	0								
							HOLLAND POST OFFICE BUREAU OF FACILITIES												
	1804	00416	14620	21	2290	139 0	POST OFFICE	1	2										1
						1	HOLLAND MUN SEWER TREASURY			382	0								
→	2016	10957	08527	21	2290	139 0	U S COAST GUARD HOLLAND MOORINGS	1	1										1
						3	GROUND			315	100								
							ZEELAND POST OFFICE BUREAU OF FACILITIES												
	1804	00467	15073	21	5340	139 0	POST OFFICE	1	1										1
			7			1	ZEELAND CITY SEWER			80	0								
							14 COUNTY TOTAL			4,727									
							PRESQUE ISLE CO												
✓	1413	00000	20746	21	3270	141 0	MILLERSBURG INTERIOR FISH AND WILDLIFE SERV HAMMOND BAY BIOL STA	1	1										1
						3	GROUND			100	100								
							ROGERS CITY POST OFFICE BUREAU OF FACILITIES												
	1804	00453	15058	21	4280	141 0	POST OFFICE	1	1										1
						1	ROGERS CITY SEWER TREASURY			50	0								
→	2016	08490	08478	21	4280	141 0	U S COAST GUARD FORTY MILE PT LIGHT STA	1	1										1
						3	GROUND			140	100								

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP	SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY						VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS TREATED	PERCENT COOLING		TYPE	DATE		
→ 2016	08636	08506	21	9999	141	0	PROP WITHOUT CITY IDENT TREASURY U S COAST GUARD PRESQUE ISLE LIGHT STA GROUND 8 COUNTY TOTAL	1	1		350 640	100					1			
		4				3	SAGINAW CO													
✓ → 1413	09520	09815	21	4350	145	0	SAGINAW INTERIOR FISH AND WILDLIFE SERV SHIAWASSEE NAT WILD REF GROUND GROUND DEFENSE NAVY	1	1		300 3P	0					1			
1701	23054	01566	21	4350	145	0	RESERVE TRAINING CENTER SAGINAW CITY SEWER POST OFFICE BUREAU OF FACILITIES POST OFFICE SAGINAW CITY SEWER POST OFFICE GARAGE SAGINAW CITY SEWER DEFENSE ARMY	1			500	0					1			
1804	00455	15060	21	4350	145	0	USAR CENTER SAGINAW CITY SEWER VETERANS ADMINISTRATION V A HOSPITAL SAGINAW CITY SEWER GENERAL SERVICES ADMIN TRANS PLANT BLDG # 3 SAGINAW CITY SEWER FEDERAL AVIATION AGENCY TRI CITY AIRPT NAV FAC TRI CITY AIRPORT SEWER 17 COUNTY TOTAL	1	3		9,536	0					1			
1804	01009	15061	21	4350	145	0	ST CLAIR CO	1	1		100	0					1			
2101	22074	17617	21	4350	145	0	HARSENS ISLAND TREASURY U S COAST GUARD ST CLAIR FLATS CANAL LS GROUND	1			2,000	0					1			
3601	07311	00076	21	4350	145	0	MARYSVILLE JUSTICE IMMIGRATION AND NAT SER BORDER PATROL STATION MARYSVILLE CITY SEWER	1	3		50,000	0					1			
4705	00787	12582	21	4350	145	0	PORT HURON DEFENSE NAVY RESERVE TRAINING FAC PORT HURON CITY SEWER TREASURY U S COAST GUARD PORT HURON LIFEBOAT STA PORT HURON CITY SEWER GENERAL SERVICES ADMIN FEDERAL BUILDING PORT HURON CITY SEWER	2	3		666	0	66,000	100	1	34	1			
→ 6901	12895	13012	21	4350	145	0	ST CLAIR	1	1		275 63,377	0	66,000				1			
		8				1	POST OFFICE BUREAU OF FACILITIES POST OFFICE ST CLAIR CITY SEWER				3P									
→ 2016	08656	08509	21	2195	147	0	PROP WITHOUT CITY IDENT DEFENSE ARMY NIKE DETROIT SITE 17-C GROUND NIKE DETROIT SITE 17-L GROUND 16 COUNTY TOTAL	1	1		980	100					1			
1507	13727	00465	21	3080	147	0	ST CLAIR	1	1		100	0					1			
1701	23044	01580	21	4060	147	0	POST OFFICE BUREAU OF FACILITIES POST OFFICE ST CLAIR CITY SEWER	1			148	0					1			
2016	08629	08504	21	4060	147	0	PROP WITHOUT CITY IDENT DEFENSE ARMY NIKE DETROIT SITE 17-C GROUND NIKE DETROIT SITE 17-L GROUND 16 COUNTY TOTAL	1	1		1,190	0					1			
4705	00450	12581	21	4060	147	0	ST CLAIR	1	2		630	0					1			
1804	00456	15062	21	4370	147	0	POST OFFICE BUREAU OF FACILITIES POST OFFICE ST CLAIR CITY SEWER	1	1		700	0					1			
2101	21595	17625	21	9999	147	0	PROP WITHOUT CITY IDENT DEFENSE ARMY NIKE DETROIT SITE 17-C GROUND NIKE DETROIT SITE 17-L GROUND 16 COUNTY TOTAL	1			2,000	100					1			
2101	21595	17626	21	9999	147	0	ST CLAIR	1			2,000	100					1			
		8				3	POST OFFICE BUREAU OF FACILITIES POST OFFICE ST CLAIR CITY SEWER				7,748									

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	PERCENT TREATED	PERCENT TREATED		TYPE	DATE		
							ST JOSEPH CO												
							STURGIS POST OFFICE												
1804	00461	15067	21	4760	149	0	BUREAU OF FACILITIES	1	1										
						1	POST OFFICE												
							STURGIS CITY SEWER			400	0								1
							THREE RIVERS POST OFFICE												
1804	00462	15068	21	4870	149	0	BUREAU OF FACILITIES	1	1										1
						1	POST OFFICE												
		2					THREE RIVERS CITY SEWER			45	0								
							4 COUNTY TOTAL			445									
							SANILAC CO												
							SANDUSKY POST OFFICE												
1804	00459	15065	21	4450	151	0	BUREAU OF FACILITIES	1	1										1
						1	POST OFFICE												
		1					SANDUSKY CITY SEWER			500	0								
							2 COUNTY TOTAL			500									
							SCHOOLCRAFT CO												
							MANISTIQUE AGRICULTURE												
							FOREST SERVICE												
							UPPER MICH NAT FOREST												
X	1226	07776	06616	21	2970	153	0	MANISTIQUE DWLG #1	1	1									1
						1	MANISTIQUE CITY SEWER			250	0								1
	1226	07776	06617	21	2970	153	0	MANISTIQUE WHSE #1	1	1									1
						1	MANISTIQUE CITY SEWER			30	0								1
	1226	07776	06618	21	2970	153	0	NURSERY DWELLING	1	1									1
						3	GROUND			250	100								1
	1226	07776	06619	21	2970	153	0	NURSERY ADMIN BLDG	1	1									1
						3	GROUND			300	100								1
	1226	07776	06624	21	2970	153	0	MANISTIQUE DWELLING TWO	1	1									1
						1	MANISTIQUE CITY SEWER			200	0								
							POST OFFICE												
1804	00432	14637	21	2970	153	0	BUREAU OF FACILITIES	1	1										1
						1	POST OFFICE												
							MANISTIQUE CITY SEWER			160	0								
							TREASURY												
2016	08562	08489	21	2970	153	0	U S COAST GUARD	1	1										1
						1	MANISTIQUE LIGHT STA												
							MANISTIQUE CITY SEWER			280	0								
							PROP WITHOUT CITY IDENT												
							AGRICULTURE												
							FOREST SERVICE												
							UPPER MICH NAT FOREST												
	1226	07776	06585	21	9999	153	0	LITTLE BASS L CAMPGND	1	1									1
						3	GROUND			8P	0								
	1226	07776	06586	21	9999	153	0	COLWELLLAKE CAMPGROUND	1	1									1
						3	GROUND			10P	0								
	1226	07776	06587	21	9999	153	0	INDIAN RIVER CAMPGROUND	1	1									1
						3	GROUND			6P	0								
	1226	07776	06597	21	9999	153	0	PETES LAKE CAMPGROUND	1	3									1
						3	GROUND			130P	0								
	1226	07776	06606	21	9999	153	0	CLEAR L REC HALL	1	2									1
						3	GROUND			25	100								
	1226	07776	06607	21	9999	153	0	CLEAR L MESS HALL	1	2									1
						3	GROUND			200	100								
	1226	07776	06608	21	9999	153	0	CLEAR L INFIRMARY	1	2									1
						3	GROUND			25	100								
	1226	07776	06609	21	9999	153	0	CLEAR L BATHHOUSE TWO	1	2									1
						3	GROUND			250	100								
	1226	07776	06610	21	9999	153	0	CLEAR L BATHHOUSE ONE	1	2									1
						3	GROUND			200	100								
	1226	07776	06611	21	9999	153	0	CLEAR L CARETAKER CABIN	1	2									1
						3	GROUND			100	100								
							INTERIOR												
							FISH AND WILDLIFE SERV												
1413	09284	09810	21	9999	153	0	SENEY NWL REF PICNIC AR	1	1										1
						3	GROUND			1P	0								
X	1413	09284	09811	21	9999	153	0	SENEY NWL REF 2 HQS ARS	1	1									1
						3	GROUND			100	0								
						3	GROUND			850	0								
							TREASURY												
							U S COAST GUARD												
2016	08675	08513	21	9999	153	0	SEUL CHOIX POINTE L STA	1	1										1
						3	GROUND			420	100								
		20					41 COUNTY TOTAL			3,640									
										155P									

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	VOLUME GALLONS PER DAY	PERCENT				TYPE	DATE		
													TREATED	COOLING				MO	DAY	YR
							SHIAWASSEE CO													
							OWOSSO													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	00445	14649	21	3780	155	0	POST OFFICE	1	1										1	
		1				1	OWOSSO CITY SEWER			100	0									
							2 COUNTY TOTAL			100										
							TUSCOLA CO													
							CARO													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	00376	14583	21	0760	157	0	POST OFFICE	1	1										1	
		1				1	CARO VILLAGE SEWER			200	0									
							2 COUNTY TOTAL			200										
							VAN BUREN CO													
							PAW PAW													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	00446	14650	21	3850	159	0	POST OFFICE	1	1										1	
						1	PAW PAW VILLAGE SEWER			268	0									
							SOUTH HAVEN													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	00833	15066	21	4570	159	0	POST OFFICE	1	1										1	
						1	SOUTH HAVEN MUN SEWER			100	0									
							TREASURY													
							U S COAST GUARD													
2016	08685	08514	21	4570	159	0	SOUTH HAVEN LIFEBOAT STA	1	1										1	
		3				1	SOUTH HAVEN CITY SEWER			840	0									
							6 COUNTY TOTAL			1,208										
							WASHTENAW CO													
							ANN ARBOR													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	00000	14568	21	0150	161	0	VEHICLE MAINT FACILITY	1	1										1	
						1	ANN ARBOR CITY SEWER			316	0									
							DEFENSE													
							ARMY													
2101	22440	17582	21	0150	161	0	USAR CENTER	1											1	
						1	ANN ARBOR CITY SEWER			3,000	0									
							VETERANS ADMINISTRATION													
3601	10239	00072	21	0150	161	0	V A HOSPITAL	1	4										1	
						1	ANN ARBOR CITY SEWER			75,000	0									
							GENERAL SERVICES ADMIN													
4705	00368	12573	21	0150	161	0	FEDERAL BUILDING	1	1										1	
						1	ANN ARBOR-CITY SEWER			150	0									
							CHELSEA													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	00379	14586	21	0910	161	0	POST OFFICE	1	1										1	
						1	CHELSEA CITY SEWER			100	0									
							MILAN													
							JUSTICE													
1505	05984	08180	21	3250	161	0	FED PRISON IND INC	1	3										1	
						1	FED PRISON INDUSTRIES			2,330	0									
							FED CORRECT INST SEWER													
							YPSILANTI													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	00466	15072	21	5330	161	0	POST OFFICE	1	2										1	
						1	YPSILANTI CITY SEWER			600	0									
→ 6901	06124	13015	21	5330	161	0	FEDERAL AVIATION AGENCY	1	2										1	
		8				1	WILLOW RUN AIRPORT TOWER			1,575	0									
							WILLOW RUN AIRPT SEWER			83,071										
							16 COUNTY TOTAL													
							WAYNE CO													
							DEARBORN													
							DEFENSE													
							NAVY													
1701	22982	01528	21	1210	163	0	RESERVE TRAINING CENTER	1											1	
						1	DEARBORN CITY SEWER			500	0									

## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	VOLUME GALLONS PER DAY	SOLIDS TREATED	PERCENT			TYPE	MO	DAY	YEAR
														TREATED	COOLING					
1804	00383	14590	21	1210	163	0	POST OFFICE BUREAU OF FACILITIES	1	3								1			
1804	02027	14591	21	1210	163	0	POST OFFICE DEARBORN CITY SEWER	1	1	900	0						1			
						1	VEHICLE MAINT FACILITY DEARBORN CITY SEWER			650	0									
3601	10260	00074	21	1210	163	0	VETERANS ADMINISTRATION V A HOSPITAL	1	5								1			
						1	DEARBORN CITY SEWER			150,000	0									
							DETROIT DEFENSE NAVY													
1701	00000	01489	21	1260	163	0	RECRUITING STATION DETROIT CITY SEWER	1		2,000	0						1			
1701	22987	01531	21	1260	163	0	RESERVE TRAINING CENTER DETROIT CITY SEWER	1		9,521	0						1			
							POST OFFICE BUREAU OF FACILITIES													
1804	00385	14597	21	1260	163	0	POST OFFICE GARAGE DETROIT CITY SEWER	1	3	12,900	0						1			
1804	00389	14592	21	1260	163	0	JEFFERSON STA DETROIT CITY SEWER	1	3	825	0						1			
1804	00392	14593	21	1260	163	0	NORTHWESTERN STA DETROIT CITY SEWER	1	3	1,515	0						1			
1804	00394	14594	21	1260	163	0	P O ROOSEVELT PK ANNEX DETROIT CITY SEWER	1	6	28,395	0						1			
1804	01524	14595	21	1260	163	0	P O WEST SIDE GARAGE DETROIT CITY SEWER	1	3	1,448	0						1			
1804	01714	14596	21	1260	163	0	P O EAST SIDE GARAGE DETROIT CITY SEWER	1	2	1,745	0						1			
							TREASURY U S COAST GUARD													
2016	08431	08468	21	1260	163	0	BELLE ISLE LIFEBOAT STA DETROIT CITY SEWER	1	1	1,610	0						1			
2016	08471	08474	21	1260	163	0	CG BASE DETROIT DETROIT CITY SEWER	1	1	2,520	0						1			
							DEFENSE ARMY													
2101	20269	17585	21	1260	163	0	ORD TANK AUTO COMMAND DETROIT CITY SEWER	1		50,500	0						1			
2101	20943	17586	21	1260	163	0	FORT WAYNE MIL RES HDQS DETROIT CITY SEWER	1		75,000	0						1			
2101	21244	17590	21	1260	163	0	NIKE DETROIT SITE 69-L DETROIT CITY SEWER	1		2,000	0						1			
2101	21244	17591	21	1260	163	0	NIKE DETROIT SITE 69-H DETROIT CITY SEWER	1		3,000	0						1			
2101	21244	17592	21	1260	163	0	NIKE DETROIT SITE 69-C DETROIT CITY SEWER	1		1,000	0						1			
2101	21334	17587	21	1260	163	0	NIKE DET SITE 23-26L DETROIT CITY SEWER	1		5,000	100						1			
2101	21334	17588	21	1260	163	0	NIKE DET SITE 23-26-C DETROIT CITY SEWER	1		4,000	0						1			
2101	21334	17589	21	1260	163	0	NIKE DET SITE 23-26-C DETROIT CITY SEWER	1		2,000	0						1			
2101	80598	19122	21	1260	163	0	DETROIT DEFENSE AREA DETROIT CITY SEWER	1		36,000	0						1			
4705	00759	12574	21	1260	163	0	GENERAL SERVICES ADMIN CUSTOMS HOUSE	1	3	1,500	0						1			
4705	00761	12578	21	1260	163	0	POST OFF & COURTHOUSE DETROIT CITY SEWER	1	5	20,000	0	30,000	0	100			1			
4705	05090	12576	21	1260	163	0	IMM & NATURAL SER BLDG DETROIT CITY SEWER	1	3	3,000	0						1			
4705	58544	12575	21	1260	163	0	FOOD & DRUG BUILDING DETROIT CITY SEWER	1	2	900	0	1,100	0	100			1			
4705	58548	12577	21	1260	163	0	LIPPMAN BUILDING DETROIT CITY SEWER	1	3	1,800	0	4,200	0	100			1			
							FEDERAL AVIATION AGENCY DETROIT RADAR ARSR 1													
6901	12876	13001	21	1260	163	0	GROUND	1	1	125	100						1			
6901	12877	13000	21	1260	163	0	DETROIT AIRPORT AD BLDG ARPT TO DETROIT SEWER	1	1	375	0						1			
							HEALTH ED AND WELFARE PUBLIC HEALTH SERVICE													
7513	00819	00581	21	1260	163	0	USPHS HOSPITAL DETROIT CITY SEWER	1	3	40,000	0						1			
							DEFENSE CORPS OF ENG CIVIL													
9601	09819	18820	21	1260	163	0	DETROIT BOATYARD DETROIT CITY SEWER	1		1,500	0						1			
9601	09819	20051	21	1260	163	0	OIST ENGR WHSE BTRYD DETROIT CITY SEWER	1		1,500	0						1			

**WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS - - DECEMBER 31,1960**

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED		TYPE	MO	DAY	YR
→ 1701	22932	01460	21	2065	163	0	GROSSE ISLE DEFENSE NAVY	1								1			
						2	AIR STATION FRENCHMANS CREEK			85,000	100	4,500	0	0	39	1			
1804	00387	14614	21	2120	163	0	HAMTRAMCK POST OFFICE	1	2							1			
						1	BUREAU OF FACILITIES POST OFFICE			540	0								
							HAMTRAMCK CITY SEWER												
1804	00388	14618	21	2260	163	0	HIGHLAND PARK POST OFFICE	1	3							1			
						1	BUREAU OF FACILITIES POST OFFICE			1,868	0								
							HIGHLAND PK MUN SEWER												
1804	00390	14633	21	2820	163	0	LINCOLN PARK POST OFFICE	1	1							1			
						1	BUREAU OF FACILITIES POST OFFICE			529	0								
							LINCOLN PARK CITY SEWER												
2101	21001	17602	21	2850	163	0	LIVONIA DEFENSE ARMY	1								1			
						3	DETROIT ORD STOR FAC #3 GROUND			20	100								
1413	00000	20745	21	3610	163	0	NORTHVILLE INTERIOR	1	1							1			
						1	FISH AND WILDLIFE SERV NORTHVILLE LABORATORY			450	0								
							NORTHVILLE CITY SEWER												
1804	00448	14652	21	4010	163	0	PLYMOUTH POST OFFICE	1	1							1			
						1	BUREAU OF FACILITIES POST OFFICE			420	0								
							PLYMOUTH CITY SEWER												
1804	00393	14654	21	4220	163	0	RIVER ROUGE POST OFFICE	1	1							1			
						1	BUREAU OF FACILITIES POST OFFICE			983	0								
							RIVER ROUGE MUN SEWER												
→ 6901	43514	13011	21	4295	163	0	ROMULUS FEDERAL AVIATION AGENCY	1	3							1			
						1	WAYNE CO AIRPT NAV FAC			2,750	0								
							WAYNE CO AIRPORT SEWER												
1804	00464	15070	21	5140	163	0	WAYNE POST OFFICE	1	2							1			
						1	BUREAU OF FACILITIES POST OFFICE			611	0								
							WAYNE CITY SEWER												
1804	00465	15071	21	5310	163	0	WYANDOTTE POST OFFICE	1	2							1			
						1	BUREAU OF FACILITIES POST OFFICE			425	0								
							WYANDOTTE CITY SEWER												
2101	21336	17629	21	9999	163	0	PROP WITHOUT CITY IDENT	1								1			
						1	DEFENSE ARMY												
							NIKE DETROIT SITE 54-L												
2101	21336	17630	21	9999	163	0	WYANDOTTE CITY SEWER	1		1,000	0					1			
						1	NIKE DET SITE 54-55-C			2,000	0								
							WYANDOTTE CITY SEWER												
2101	21483	17627	21	9999	163	0	NIKE DETROIT SITE 51-C	1		1,000	100					1			
→ 2101	21483	17628	21	9999	163	0	GROSSE ISLE MUN SEWER	1								1			
						3	NIKE DETROIT SITE 51-L			1,000	100								
→ 2101	21484	17631	21	9999	163	0	GROUND	1								1			
						3	NIKE DETROIT SITE 61-L			1,000	100								
							GROUND												
2101	7,484	19234	21	9999	163	0	NIKE DETROIT SITE 61-C	1		4,000	0					1			
						1	ROMULUS MUN SEWER												
→ 2101	80598	19128	21	9999	163	0	DETROIT DEFENSE AREA	1		400	100					1			
						3	GROUND												
							102 COUNTY TOTAL			567,725		39,800							

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## WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO	DESCRIPTION	ACTIVITY	POP SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS TREATED	VOLUME GALLONS PER DAY	SOLIDS TREATED	PERCENT COOLING		TYPE	DATE		
																	MO	DAY	YR
							WEXFORD CO												
							CADILLAC												
							AGRICULTURE												
							FOREST SERVICE												
1226	07770	06349	21	0700	165	0	HEMLOCK CAMPGROUND	1	1								1		
						3	GROUND			30P	0								
							DEFENSE												
							NAVY												
1701	22974	01520	21	0700	165	0	RESERVE TRAINING CENTER	1									1		
						1	CADILLAC CITY SEWER			375	0								
							POST OFFICE												
							BUREAU OF FACILITIES												
1804	00374	14581	21	0700	165	0	POST OFFICE	1	1								1		
						1	CADILLAC CITY SEWER			230	0								
							HARRIETTA												
							AGRICULTURE												
							FOREST SERVICE												
→ 1226	07770	06344	21	2170	165	0	LOWER MICH NAT FOREST	1	1								1		
						3	HARRIETTA WAREHOUSE			6P	0								
							GROUND												
1226	07770	06351	21	2170	165	0	HARRIETTA GD DWELLING	1	1								1		
						3	GROUND			225	100								
→ 1226	07770	06355	21	2170	165	0	CABERFAE WINTER SPORTS	1	6								1		
						3	GROUND			12,250	100								
							PROP WITHOUT CITY IDENT												
							AGRICULTURE												
							FOREST SERV												
→ 1226	07770	06361	21	9999	165	0	LOWER MICH NAT FOREST	1	3								1		
						3	PETERSON BR CAMPGROUND			120P	0								
							GROUND												
1226	07770	06380	21	9999	165	0	SEATON CREEK CAMPGROUND	1	1								1		
						3	GROUND			45P	0								
→ 1226	07770	06388	21	9999	165	0	RAVINE CAMPGROUND	1	1								1		
						3	GROUND			35P	0								
		9					18 COUNTY TOTAL			13,080									
		482					976 STATE TOTAL			4,583,863		11,905,800							
										236P									
										3,620P									

## APPENDIX

**GENERAL SERVICES ADMINISTRATION**  
WASHINGTON 25, D. C.

March 14, 1961

GENERAL SERVICES ADMINISTRATION CIRCULAR NO. 232

TO : Heads of Federal Agencies

SUBJECT: Reports on Waste Water Disposal Practices  
at Federal Installations

1. Purpose. This circular prescribes (a) reports necessary for the compilation of an inventory of waste water disposal practices at Federal installations, both owned by and leased to the United States, as of December 31, 1960; and (b) forms with detailed instructions for the preparation and submission of these inventory reports to the General Services Administration by the reporting agencies.
2. Authority. The authority of the Surgeon General of the U. S. Public Health Service to prescribe an inventory of waste water disposal practices at Federal installations is based upon sections 4c and 9 of the Federal Water Pollution Control Act (33 U.S.C. 466 c and h).

The President in a memorandum dated May 13, 1960, requested the Secretary of Health, Education, and Welfare "to take the lead in making an inventory of the pollution control situation at Federal installations." The Deputy Assistant to the President in a letter dated May 18, 1960, to the Heads of all Federal agencies advised them of the President's instructions to the Secretary of Health, Education, and Welfare and stated that, "the President has asked that you provide such assistance as may be requested by the Secretary of Health, Education, and Welfare in making this inventory and in completing it promptly."

The Secretary of Health, Education, and Welfare in a memorandum of agreement dated January 4, 1961, requested that the General Services Administration assist the Public Health Service in compiling an inventory of waste water disposal practices at Federal installations.

3. Reporting Agency. A reporting agency, for the purpose of this inventory, is the same as the one reporting for the inventories of real property owned by and/or leased to the United States Government as prescribed in GSA Reg. 2-XI-201.01 and 2-XI-202.01.

4. Coverage. The reports of waste water disposal practices prescribed by this circular shall cover all waste water generated by activities of the United States, from all real property owned by and leased to the Federal Government, including wholly owned Government corporations, in the fifty States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, and the Virgin Islands. Reports shall also cover waste water from (1) nonfederal activities conducted in Federal buildings or structures and (2) activities on Federal land carried on by a nonfederal operator acting as an agent for and under the supervision of the United States, such as construction contractors and park concessionaires. For purposes of this circular, waste water disposal is defined to include (a) all discharges from building plumbing systems, (b) all fecal discharges whether or not water carried, (c) all liquid wastes from active or abandoned industrial activities, including cooling waters, and (d) all solid wastes from active or abandoned industrial activities which are discharged directly into, or which may find their way into, surface or ground waters.

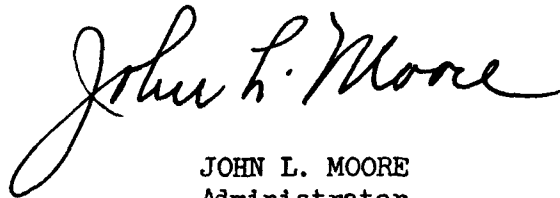
Reports are required for all real property owned by and leased to the United States except:

- a. Installations held in trust by the United States,
  - b. All building locations leased to the United States for use as offices or post offices, as reportable on GSA Form 1166A,
  - c. Installations consisting only of land where there are no reportable activities generating wastes as defined in the preceding paragraph,
  - d. Lookout towers, ranger offices and single quarters in National Forests and other remote areas, and
  - e. Installations from which no wastes as defined in this circular are generated, such as seldom-visited, unattended installations consisting of automatic signalling, lighting, gauging or warning devices.
5. Reports to be Submitted. Each reporting agency shall prepare, in accordance with instructions in Attachment 1a, and submit to the General Services Administration, a separate report on GSA Form 1166C, Report of Waste Water Disposal Practices at Federal Installations (Attachment 1) for each reporting entity as defined in Attachment 1a, Paragraph 1, as of December 31, 1960.

Each reporting agency shall also prepare, in accordance with instructions in Attachment 2a, and submit to General Services Administration for each Bureau or comparable organizational unit, a report on GSA Form 1209C, Number of Reports Submitted - Waste Water Disposal Practices at Federal Installations (Attachment 2).

An original and two copies of each report shall be submitted to the General Services Administration, Office of Comptroller, Washington 25, D. C., not later than 120 days subsequent to date of issuance of this circular.

6. Supplies of Forms. GSA Forms 1166C and 1209C may be obtained from General Services Administration, Office of Regional Administrative Assistant, Reproduction and Distribution Division, General Services Regional Office Building, Washington 25, D. C. The telephone number is Government dial code 13, extension 36453.
7. Agency Liaison. The Agency Liaison representative on real property inventories, designated pursuant to GSA Regulation 2-XI-101.06, also shall serve for purposes of this inventory. If desired, a special agency representative may be designated for purposes of this inventory of waste water disposal practices at Federal installations. When an agency designates a special representative for this inventory, it shall be his responsibility to coordinate all reports with the regular real property liaison representative. The General Services Administration, Office of Comptroller, Washington 25, D. C., shall be advised in writing of the names of all such special liaison representatives or any changes in such designation.
8. Inquiries. For additional information regarding the content of this circular, or any questions or problems relating thereto, agency representatives may communicate with the General Services Administration, Office of Comptroller, Washington 25, D. C., telephone: Government dial code 183, extension 4131.



JOHN L. MOORE  
Administrator

Attachments



<b>GENERAL SERVICES ADMINISTRATION</b>				FORM APPROVED BUDGET BUREAU NO. 29-6102		1. AGENCY CONTROL NO.		2. REPORT AS OF December 31, 1960	
<b>REPORT OF WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS</b>						3. GSA CONTROL NO.		4. THIS BLOCK FOR GSA USE	
5. NAME OF INSTALLATION						6. ACTIVITY (Check one)  <input type="checkbox"/> (1) FEDERAL ACTIVITY <input type="checkbox"/> (2) NONFEDERAL ACTIVITY			
7. REPORTING AGENCY						8. INSTALLATION POPULATION (Check one)  <input type="checkbox"/> (1) 1-50 <input type="checkbox"/> (5) 1001-2500 <input type="checkbox"/> (2) 51-100 <input type="checkbox"/> (6) 2501-5000 <input type="checkbox"/> (3) 101-500 <input type="checkbox"/> (7) 5001-10,000 <input type="checkbox"/> (4) 501-1000 <input type="checkbox"/> (8) MORE THAN 10,000			
9. BUREAU OR OTHER MAJOR ORGANIZATION									
<b>LOCATION OF INSTALLATION</b>									
10. STATE OR CONT.		11. CITY OR TOWN		12. STREET ADDRESS, RFD, ROUTE NO., OR OTHER LOCAL DESIGNATION					
13. COUNTY OR COUNTRY									
14. GEO-GRAPHICAL CODE	STATE OR CONT.	CITY OR TOWN	COUNTY OR COUNTRY						
<b>WASTE WATER DISCHARGE</b>									
15. POINT OF DISCHARGE				SEWAGE		INDUSTRIAL WASTE			
CODE				16. EST. DISCHARGE/DAY (gallons)	17. PERCENT TREATED	18. EST. DISCHARGE/DAY (gallons)	19. PERCENT TREATED	20. PERCENT COOLING	
1.	PUBLIC UTILITY SEWER  (Name of Owner and/or Operator)*								
2.	SURFACE WATER BODY  (Name of Body)*								
3.	GROUND								
4.	TRANSFERRED TO OTHER USERS								
TOTAL									
<b>21. ACTIVITIES GENERATING INDUSTRIAL WASTE (Check as appropriate)</b>									
<input type="checkbox"/> (10) METAL MINING		<input type="checkbox"/> (18) RADIOACTIVE MATERIALS OPERATIONS		<input type="checkbox"/> (26) PAPER AND ALLIED PRODUCTS		<input type="checkbox"/> (31) LEATHER AND LEATHER PRODUCTS			
<input type="checkbox"/> (11) ANTHRACITE, BITUMINOUS COAL & LIGNITE MINING		<input type="checkbox"/> (20) FOOD AND KINDRED PRODUCTS		<input type="checkbox"/> (28) CHEMICALS AND ALLIED PRODUCTS		<input type="checkbox"/> (33) PRIMARY METAL INDUSTRIES			
<input type="checkbox"/> (13) CRUDE PETROLEUM & NATURAL GAS EXTRACTION		<input type="checkbox"/> (22) TEXTILE MILL PRODUCTS		<input type="checkbox"/> (29) PRODUCTS OF PETROLEUM AND COAL		<input type="checkbox"/> (34) FABRICATED METAL PRODUCTS			
<input type="checkbox"/> (14) MINING & QUARRYING OF NONMETALLIC MINERALS, EXCEPT FUELS		<input type="checkbox"/> (24) LUMBER AND WOOD PRODUCTS		<input type="checkbox"/> (30) RUBBER AND RUBBER PRODUCTS		<input type="checkbox"/> (39) MISCELLANEOUS MANUFACTURING INDUSTRIES			
<b>22. NOTICE ON WATER POLLUTION (Check and complete as appropriate)</b>									
<input type="checkbox"/> (1) NO NOTIFICATION RECEIVED		<input type="checkbox"/> (2) FORMAL NOTICE		<input type="checkbox"/> (3) LETTER REPORT		<input type="checkbox"/> (4) VERBAL REPORT			
23. REMARKS (Use reverse if more space is required)									
24. PREPARED BY (Type name and title)				25. SIGNATURE			26. DATE		

\* Abbreviate when necessary so as not to exceed 23 letters and spaces.

GSA FORM  
FEB 61 1166C



INSTRUCTIONS FOR THE PREPARATION OF GSA FORM 1166C, REPORT OF  
WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS

1. General Instructions.

- a. Coverage and Reporting Agency. GSA Form 1166C, Report of Waste Water Disposal Practices at Federal Installations, shall be prepared by all reporting agencies as of December 31, 1960, in an original and two carbon copies. These reports shall cover all waste water generated by activities of the United States, from all real property owned by and leased to the Federal Government, including wholly owned Government corporations, in the fifty States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, and the Virgin Islands. Reports shall also cover waste water from (1) nonfederal activities conducted in Federal buildings or structures and (2) activities on Federal land carried on by a nonfederal operator acting as an agent for and under the supervision of the United States, such as construction contractors and park concessionaires. For purposes of this circular, waste water disposal is defined to include (a) all discharges from building plumbing systems, (b) all fecal discharges whether or not water carried, (c) all liquid wastes from active or abandoned industrial activities, including cooling waters, and (d) all solid wastes from active or abandoned industrial activities which are discharged directly into, or which may find their way into, surface or ground waters.

Reports are required for all real property owned by and leased to the United States except:

- (1) Installations held in trust by the United States,
- (2) All building locations leased to the United States for use as offices or post offices, as reportable on GSA Form 1166A,
- (3) Installations consisting only of land where there are no reportable activities generating wastes as defined in the preceding paragraph,
- (4) Lookout towers, ranger offices and single quarters in National Forests and other remote areas, and
- (5) Installations from which no wastes as defined in this circular are generated, such as seldom-visited, unattended installations consisting of automatic signalling, lighting, gauging or warning devices.

For purposes of this inventory, a reporting agency shall be the same as that prescribed for the annual inventories of real property owned by and leased to the United States Government in GSA Regulations 2-XI-201.01 and 2-XI-202.01.

- b. Reporting Entity. It is the purpose of this inventory to locate and describe the sources of all wastes generated from Federal installations which affect, or are likely to affect, the quality of either surface or ground waters. Thus, a reporting entity for purposes of this inventory may differ somewhat from the entity used in the inventories of real property owned by and leased to the United States.

(1) Single Report from Federal Installations.

A Federal installation which generates waste discharging to not more than one of any or all types of discharge points as described in Block 15 of these instructions is the same reporting entity for this inventory as in the Federal real property inventories. Reports should be so prepared that waste waters which are discharged from a single waste water system within an installation through one or more effluent pipes directly into a single surface water body are included in one reporting entity.

(2) Two or more Reports from Federal Installations.

- (a) A Federal installation which generates waste discharging to more than one of any or all types of discharge points as described in Block 15 of these instructions is the subject of two or more reports. In the case of these installations, a reporting entity is to be determined in accordance with the occurrence and location of any activities taking place thereon which result in the discharge of waste waters to a water body or to the ground. If waste waters are separately handled in separate parts of an installation, even though effluents are discharged to the same water body but at different discharge points, individual reports shall be prepared for each of the separate systems.

Example: An individual unit of a military base having its own sewage disposal facilities is considered a reporting entity even though the effluent from this unit enters the same stream as that receiving the waste waters from some other part of the base.

- (b) Wherever waste waters are discharged to two or more different bodies of water, or to widely separated points on the same body of water, each such discharge shall be considered to be a separate reporting entity.

Example: Two parts of a single Federal installation discharging waste waters separately to two different streams are considered as two separate reporting entities.

- (c) Where waste waters are disposed of into two or more points of the ground, all such disposal facilities on a Federal installation which are located within a radius of one-half mile shall be included in one reporting entity unless there are well-defined units with a lesser radius which will more exactly describe the facilities.

## 2. Specific Instructions for Preparation of GSA Form 1166C.

### a. Date, Agency, and Property Identification.

Block 1. Agency Control No. For identification purposes, each reporting agency may assign an agency control number to each report.

Block 2. Report As Of. The effective date of this report, December 31, 1960, is preprinted on the form.

Block 3. GSA Control No. Enter in this block the GSA control number assigned to the GSA Forms 1166 or 1166A covering the real property owned by or leased to the Federal Government for which this report is prepared. In some cases several reports for the purpose of this inventory may be covered by real property reported under one GSA control number on GSA Forms 1166 or 1166A. In the case of installations being reported for the first time enter ("NEW").

Block 4. This block for GSA use.

Block 5. Name of Installation. When this report covers all real property reported on GSA Forms 1166 or 1166A as of June 30, 1960; enter the same name shown on these forms. When this report covers only a part of the real property previously reported, enter the commonly used name for the portion of the real property being reported. When an installation is located in more than one State, a separate report is required to cover the

portion of the installation located in each State. Abbreviate the name of the installation, when necessary, so that it shall not exceed 23 type spaces, including blank spaces between letters or words. For example, "First National Bank Building" which has 28 type spaces may be abbreviated "First Nat Bank Bldg".

- Block 6. Activity. Check the applicable box to indicate the predominant activity generating waste waters. These activities are:

<u>Code</u>	<u>Activity Type</u>
1	Federal activity.
2	Nonfederal activity.

Only one box should be checked for each report. When only activity of the United States Government generates the reported waste, check the box for Code 1. When a Federal installation contains some minor nonfederal activities which generate waste flowing into the same point of discharge being reported for U. S. activities, check only the box for Code 1. Examples of these minor activities are a restaurant concession occupying a small portion of a Federal building, laundries, and gasoline facilities on military installations, etc. When nonfederal activities on Federal real property are the major or only source generating waste reported, check the box for Code 2 and give the name of the operator in Block 23, Remarks.

- Block 7. Reporting Agency. Enter the name of the reporting agency; that is, the department, commission, administration, or authority. For example: Department of Commerce, Atomic Energy Commission, Veterans Administration, or Tennessee Valley Authority.

- Block 8. Installation Population. Check the box for the appropriate code to show the total number of persons in the area covered by this report during a 24-hour day of normal operations. The codes and respective population description follow.

<u>Code</u>	<u>Number of Persons</u>
1	1-50
2	51-100
3	101-500
4	501-1000
5	1001-2500
6	2501-5000
7	5001-10,000
8	more than 10,000

Block 9. Bureau or Other Major Organization. Enter the name of the reporting Bureau or comparable major organization unit within the reporting agency. For example: National Bureau of Standards.

Block 10. State or Continent. Enter the name of the State (in U.S.) or continent (outside U.S.) in which the real property is located. When an installation is located in more than one State, a separate report shall be submitted to cover the portion of the installation located in each State.

Block 11. City or Town. Enter the name of the city or town in or near which the installation is located, provided (1) the installation is in one county only, and (2) the designated city or town is in the same county as the location of the installation (Block 13.). When these circumstances do not apply, enter "No City Identification".

Block 12. Street Address. Enter the street address, RFD, route number or other local designation.

Block 13. County or Country. Enter the name(s) of the county, counties, parish(es) (in U.S.) or U.S. territory or possession, (outside U.S.) in which the real property is located. Separate reports for each county in the same State are not required; however, the name of each county must be entered in this block. If the space is insufficient, complete the list of counties under "Remarks", Block 23.

Block 14. Geographical Code. Enter the appropriate numerical code for the location of the installation as shown in Blocks 10, 11, and 13 in the following sequence: State or Continent (2 digits), City or Town (4 digits), County or Country (3 digits). (Example: Coral

Gables, Dade County, Florida, will be shown as 09-0670-025.)

Codes shall be obtained from the publication "Geographical Location Codes", issued by the General Services Administration, Office of Comptroller. (See GSA Circular No. 146, Revision No. 2, dated June 30, 1960.) Do not fill in this space if the geographical code is not known. When the location of the installation cannot be identified with any city (Block 11) the code under "City" shall be reported as 9999. When the installation is located in more than one county (Block 13), the code under "County" shall be reported as 999.

b. Waste Water Discharge.

Block 15. Point of Discharge. The points of discharge are pre-printed in this block.

When one of the points of discharge is a public utility sewer, enter the name of the owner and/or operator of the sewer system in the appropriate space provided in this block under the preprinted "Public Utility Sewer." Abbreviate the name of the owner, when necessary, so as not to exceed 23 type spaces and/or letters, including the blank spaces between letters or words.

When one of the points of discharge is a surface water body, enter the name of this body in the space provided in Block 15 under "Surface Water Body." Abbreviate the name of the body, when necessary, so as not to exceed 23 type spaces and/or letters, including blank spaces between letters or words. The various points of discharge are described below.

<u>Code</u>	<u>Description</u>
1	<u>Public Utility Sewers</u> are generally municipal, county, or other local governmental systems. They are also defined to include any pipe, conduit, or receiving chamber which is part of a sewer system owned and/or operated by any other than the reporting entity.
2	<u>Surface Water Body</u> shall mean any river, stream, lake, pond, tidal, or estuarial water.

It shall include sewage lagoons or waste stabilization ponds, whose effluents discharge to a surface water body.

- 3 Ground shall mean the discharge into septic tanks, cesspools and subsurface disposal fields, privy vaults, chemical toilets, sewage lagoons or stabilization ponds where no effluent discharges to a surface water body. Also include deep wells or spray and other irrigation on land of the reporting entity.
- 4 Transferred to Other Users shall mean that the waste water discharge is actually piped or otherwise transferred to some person, public or private body other than the reporting entity for use such as for cooling purposes, or irrigation on land not within the reporting entity.

Block 16. Estimated Sewage Discharge Per Day. Enter the estimated average discharge of sewage in gallons per day for each point of discharge printed in Block 15. Include all discharges from building plumbing systems. In the case of fecal discharges which are not water-carried, enter the number of persons using that particular facility during an average day and use the letter "P" after the figure for number of persons. Show the total discharge as reported in gallons for Codes 1, 2, 3, and 4, and enter the total in the space so marked.

Block 17. Percent of Sewage Treated. For each point of discharge reported in Block 16, enter the percent to show the portion of this sewage which is treated by the reporting agency and/or lessee of the property. Under "Remarks" Block 23, describe briefly this treatment.

Block 18. Estimated Industrial Waste Discharge Per Day. This block is to be used to report both liquid and solid wastes from active or abandoned industrial activities. Enter the estimated average discharge of liquid waste including cooling waters in gallons per day for each applicable point of discharge printed in Block 15.

If there are any solid wastes as defined in this circular, paragraph 4, Coverage, enter the letter "S" after the figure reporting gallons of liquid discharge. If there are solid wastes only, enter the letter "S". Show the total industrial liquid waste discharge in gallons for Codes 1, 2, 3, and 4 in the "Total" space.

Block 19. Percent of Industrial Waste Treated. For each point of discharge of industrial waste reported in Block 18, enter the percent to show the portion of this total industrial waste which is treated by the reporting agency and/or lessee of the property. Under "Remarks" Block 23, describe briefly this treatment.

Block 20. Percent Cooling Water. For each point of discharge reported in Block 18, enter the percent of this industrial waste which is cooling water.

Block 21. Activities Generating Industrial Wastes. When industrial wastes are reported, check the necessary boxes for codes representing activities conducted at this installation which generate industrial wastes. The codes and classifications of activities generating industrial wastes follow:

<u>Code</u>	<u>Description</u>
10	<u>Metal Mining</u> includes establishments primarily engaged in mining, developing mines, or exploring for metallic minerals (ores). These ores are valued chiefly for the metals contained to be recovered for use as such or as constituents of alloys. In addition, ores of rare earth metals and titanium are included. This major group also includes all ore dressing and beneficiating operations whether performed at mills operating in conjunction with the mines served or at mills, such as custom mills, operated separately. These include mills which crush, grind, wash, dry, sinter, or leach ore, or perform gravity separation or flotation operations. <u>Exception:</u> Any metal mining as defined under this code which is concerned primarily with uranium or other radioactive ores shall be reported under Code 18, <u>Radioactive Materials Operations.</u>
11	<u>Anthracite, Bituminous Coal, and Lignite Mining</u> includes establishments primarily engaged in producing anthracite (hard coal), bituminous coal, or lignite. Mining operations, dredging operations, and preparation plants such as cleaning plants, breakers, and washeries, whether or not such plants are operated in conjunction with the mines served, are included.

- 13 Crude Petroleum and Natural Gas Extraction includes establishments primarily engaged in producing crude petroleum, natural gas, natural gasoline, and cycle condensate. Types of activities included are explorations, drilling, well operation and maintenance, and the operation of natural gasoline and cycle plants. The group includes emulsion breaking and desilting of crude petroleum performed to render the oil marketable, and the production of petroleum products from lignite.
- 14 Mining and Quarrying of Nonmetallic Minerals, Except Fuels includes establishments primarily engaged in mining or quarrying, developing mines, or exploring for nonmetallic minerals, except fuels.
- 18 Radioactive Materials Operations includes all operations involved in mining, developing mines or exploring for uranium or other radioactive ores; all operations involved in processing such ores for the separation of radioactive materials; and all operations involved in handling and fabricating of such materials. Also included are all nuclear reactor operations such as those involved in the production of radioactive isotopes, in the testing of experimental units or in the production of power. Exception: Operations where radioactive materials are used in medical diagnostic, therapeutic or research procedures or as tracers in industrial or other research, are not included in this Code, and such operations are not to be considered in this inventory.
- 20 Food and Kindred Products includes establishments manufacturing foods and beverages for human consumption, and certain related products such as manufactured ice and prepared feeds for animals and fowls.
- 22 Textile Mill Products includes establishments engaged in performing any of the following operations, regardless of the type of fiber used: (1) manufacturing yarn, thread, cordage, and twine; (2) manufacturing woven fabric, carpets and rugs, braids, laces, knit fabric,

knit garments, and other products from yarn; (3) dyeing and finishing fibers, yarn, and fabrics, and (4) coating, waterproofing, and otherwise treating fabric. Also included are establishments engaged in manufacturing felt fabrics and products.

- 24     Lumber and Wood Products includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, veneer mills, lath mills, shingle mills, cooperage-stock mills, planing mills and plywood mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely, or mainly, of wood or wood substitutes, including furniture.
- 26     Paper and Allied Products includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into any kind of paper or paperboard; and the manufacture of paper and paperboard into converted paper products such as coated paper, paper bags, paper boxes, cards and envelopes.
- 28     Chemicals and Allied Products includes establishments producing basic chemicals, establishments manufacturing products by predominantly chemical processes; includes manufacture of photographic chemicals.
- 29     Products of Petroleum and Coal includes establishments refining crude petroleum and manufacturing coke and coke-oven products, paving and roofing materials, and other products made from petroleum and coal; includes establishments manufacturing and distributing gas to consumers.
- 30     Rubber and Rubber Products includes establishments refining natural rubber or manufacturing synthetic rubber, includes establishments manufacturing from natural or synthetic rubber, gutta percha, balata, or gutta siak, all kinds of rubber products such as tires, rubber footwear, mechanical rubber goods, and rubber sundries. This group also includes establishments manufacturing reclaimed rubber or rebuilt and retreaded rubber tires.

- 31 Leather and Leather Products includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and similar products made of other materials.
- 33 Primary Metal Industries includes establishments engaged in the smelting and refining of ferrous and nonferrous metal from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; and in the manufacture of castings, forgings, and other basic products of ferrous and nonferrous metals. All operations involved primarily with uranium or other radioactive materials shall be reported under Code 18, Radioactive Materials Operations.
- 34 Fabricated Metal Products includes establishments engaged in fabricating ferrous and nonferrous metal products such as tin cans and other tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal stampings, lighting fixtures, fabricated wire products, and a variety of metal products not elsewhere classified. Includes ordnance, machinery and transportation equipment.
- 39 Miscellaneous Manufacturing Industries includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group.

Block 22. Notice on Water Pollution. Check the appropriate box to indicate the type of notification, if any, which has been received from an official source that existing waste water discharge practices at the installation reported may be responsible for any water pollution problem. Codes and types of advice follow:

<u>Code</u>	<u>Type of Advice</u>
1	No notification received
2	Formal notice
3	Letter report
4	verbal report

For the type of notice checked, enter the date. The date shall be entered by its numerical designation using 6 digits for the month, day, and year. For example, February 5, 1960, would be reported as 02-05-60. If more than one notice has been received, enter the latest notice in this block. Other notices shall be described in Block 23.

c. Remarks, Signature, and Date

Block 23. Remarks. When nonfederal activities are reported in Block 6, enter the name of the operator here. Where treatment is indicated in Block 17 and/or 19, enter a description of each element of the treatment process in this block. Also, enter a description of notices concerning water pollution problems received prior to the notice shown in Block 22, if any. If it is necessary to clarify or expand any entries beyond the space provided in the various blocks, make such notations in this block and continue, if necessary, on the reverse of the form.

Block 24. Prepared by. Type in the name and title of the official responsible for the preparation of the report.

Block 25. Signature. The official designated in Block 24 shall sign his name in the block.

Block 26. Date. Enter the date on which the report was prepared.

<b>GENERAL SERVICES ADMINISTRATION</b> <b>NUMBER OF REPORTS SUBMITTED</b> <b>WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS</b>		FORM APPROVED BUDGET BUREAU NO. 29-6101	1. AS OF December 31, 1960
2. REPORTING AGENCY		3. BUREAU OR OTHER MAJOR ORGANIZATION	
TOTAL NUMBER OF REPORTS FOR INSTALLATIONS IN: -			NUMBER OF REPORTS SUBMITTED
4. THE UNITED STATES ( <i>The 50 States and the District of Columbia</i> ) .....			
5. PUERTO RICO .....			
6. THE VIRGIN ISLANDS .....			
7. GRAND TOTAL NUMBER OF REPORTS (4+5+6) .....			
8. REMARKS			
9. PREPARED BY ( <i>Type name and title</i> )		10. SIGNATURE	11. DATE

GSA FORM FEB 61 1209C



INSTRUCTIONS FOR THE PREPARATION OF GSA FORM 1209C, NUMBER OF REPORTS  
SUBMITTED - WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS

1. General Instructions. GSA Form 1209C, Number of Reports Submitted - Waste Water Disposal Practices at Federal Installations, shall be prepared by each reporting agency for each bureau or other major organizational unit.

GSA Form 1209C is intended to provide a control over individual inventory reports of waste water disposal at Federal installations submitted on GSA Forms 1166C.

A separate GSA Form 1209C shall be prepared for each bureau or other comparable major organizational unit. An original and 2 carbon copies of this form together with the related GSA Forms 1166C shall be prepared and submitted to the General Services Administration, Office of Comptroller, Washington 25, D. C., not later than 120 days subsequent to date of issuance of this circular.

2. Specific Instructions.

- a. Date, Reporting Agency, and Bureau.

Block 1. As Of. The effective date of this report, December 31, 1960, is preprinted on the form.

Block 2. Reporting Agency. Enter in this block the name of the reporting agency, that is, the department, commission, administration, or authority. For example: Department of Commerce, Atomic Energy Commission, Veterans Administration, or Tennessee Valley Authority.

Block 3. Bureau or Other Major Organizational Unit. Enter on this line the name of the bureau or other comparable major organizational unit within the reporting agency. For example: National Bureau of Standards or Bureau of Land Management.

- b. Total Number of Reports for Installations by Location.

Block 4. The United States (The 50 States and the District of Columbia). Enter in this block the total number of reports, GSA Forms 1166C, submitted for installations in the United States.

- Block 5. Puerto Rico. Enter in this block the total number of reports, GSA Forms 1166C, submitted for installations located in Puerto Rico.
- Block 6. The Virgin Islands. Enter in this block the number of reports, GSA Forms 1166C, submitted for installations located in the Virgin Islands.
- Block 7. Grand Total Number of Reports (4+5+6). Enter in this block the total number of reports, GSA Forms 1166C, submitted by the reporting bureau or other major organizational unit. This amount should agree with the sum of Blocks 4, 5, and 6.

c. Remarks.

- Block 8. Remarks. Indicate in Block 8 if Public Health Service technical assistance may be desired to deal with unusual or persistent water pollution control problems, and specify.
- Block 9. Prepared by. Type in the name and title of the official responsible for the preparation of the report.
- Block 10. Signature. The official designated as responsible for the preparation of the report shall sign his name in this block.
- Block 11. Date. Enter date on which the report was prepared.