

SEWAGE DISCHARGE REPORTING AND BEACH CLOSURE



Sewage discharges into ocean water
may cause human illness, injury to sea
life and economic damage





HUMAN DISEASES MAY INCLUDE

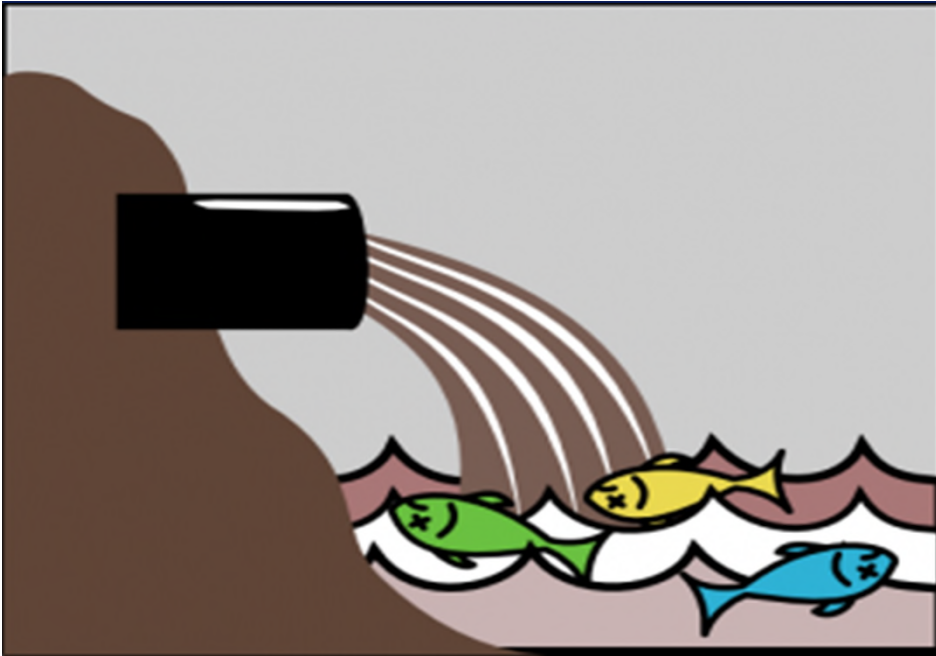
Bacteria – Salmonella, Shigella, Vibrio, Leptospira, Yersinia, E. coli, Campylobacter

Viruses – Hepatitis A, Hepatitis E, Poliovirus, Rotavirus, Echovirus, Norwalk virus

Parasites – Entamoeba, Giardia, Cryptosporidium, tape worms

Information from: Wastewater Reclamation and Reuse Vol. 10, Takashi Asano, Ed., CRC Press, 1998 Chapter 11: "Infectious Disease Concerns in Wastewater Reuse"





Sea animals eat plastics and other flushed materials, mistaking them for food. Nutrients from sewage may cause rapid growth of harmful bacteria in the water.

No one wants to swim in sewage. Businesses in Los Angeles County depend on beach goers for their livelihood and government depends on the tax revenue.



California Health and Safety Code, Section 5411.5

“Any person, who without regard to intent or negligence, causes or permits any sewage or other waste, or the effluent of treated sewage or other waste to be discharged in or on any waters of the state, or discharged in or deposited where it is, or probably will be, discharged in or on any waters of the state, as soon as that person has knowledge of the discharge, shall immediately notify the local health officer or the director of environmental health of the discharge.”



State requires tracking of sewage discharges and closure of affected beaches

In the event of a known release of untreated sewage into waters adjacent to a public beach, the local health officer shall:

- (1) Immediately post and close the beach or a portion thereof, or otherwise restrict its use until the source of the sewage release is eliminated;
- (2) Sample the affected waters; and
- (3) Continue closure or restriction of the beach or a portion thereof and posting the beach until testing results establish that the standards of Sections 7958(a)(1) are satisfied.

Health and Safety Code: Sections 100275, 115880, and 116075,

Reference: Health and Safety Code: Sections 115880, 116075, and 116080



Reporting Agencies

City or County Sewage Collection Agencies

City or County Fire Departments

RWQCB

Cal OES

Beaches and Harbors, Other City or County Agencies,
Heal the Bay, or members of the public





LOS ANGELES COUNTY • DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH
Bureau of Environmental Protection
Recreational Waters Program
5050 Commerce Drive, Baldwin Park, CA 91706
(526) 430-5360 Fax (626) 813-3016



SEWAGE DISCHARGE REPORTING GUIDELINES
(November 1, 2009)

The Los Angeles County Department of Public Health, Environmental Health Division (the Department) is responsible for monitoring ocean water quality. The Department is charged with taking appropriate action when untreated sewage enters a drainage channel that discharges into a coastal region where public health may be jeopardized. If beaches become contaminated due to untreated sewage and pose a threat to public health, the beach may be closed. The Department is required to immediately issue instructions to post "Beach Closure" signs as well as to send out public advisory information through the wire services explaining the reason for each beach closure. Effective monitoring of ocean water quality however, requires open communication and a clear understanding of the Department's policies of reporting sewage spills from the cities within Los Angeles County, as well as the Sanitation Districts, Departments of Internal Services, Public Works, and the sewage treatment facilities. If we all work together, we can protect the public beaches and the ocean water quality in Los Angeles County.

It is the policy of the Department that a discharge or by-pass of sewage from the public sewerage system shall be reported to the Recreational Waters Program (the Program) immediately. Upon notification, the Program will determine the mandated action to be taken.

DEFINITIONS:

Immediate Response means 15 minutes from the time an agency confirms that a sanitary sewer overflow has occurred or is occurring from the agency's sewer collection system.

Reportable Sewage Discharge means any sewage that is discharged (break / blockage in any line, clean out cap removed, etc.) from a sewerage system outside of a building onto the ground surface which has passed the curb and entered the street gutter flowing toward or entering the storm water systems. This applies to commercial as well as residential buildings.

Waters of the State means any water on the ground surface which has passed the curb and entered the street gutter flowing toward or entering the storm water system.

PROCEDURE:

If discharging sewage is found to be flowing from a property, into the street, is moving toward or is already entering a storm drain (**Waters of the State**), the County Operator shall be notified **immediately** at (213) 974 – 1234.

- All notifications of sewage spills shall be assigned an Incident Number when called into the County Operator;
- The person reporting the sewage discharge is required to provide the following minimal information:
 1. Contact information;
 2. Location of the discharge;
 3. Amount of the discharge;
 4. Start time and end time of the discharge; and
 5. Disposition of the discharge (contained, went into a storm drain / waterway, soaked into ground, etc.).
- Additional information shall be provided upon containment of discharge.

AUTHORITY: California Health and Safety Code, Section 5411.5



DEFINITIONS:

Immediate Response means 15 minutes from the time an agency confirms that a sanitary sewer overflow has occurred or is occurring from the agency's sewer collection system.

Reportable Sewage Discharge means any sewage that is discharged (break or blockage in any line, clean out cap removed, etc.) from a sewerage system outside a building onto the ground surface which has passed the curb and entered the street gutter flowing toward or entering the storm water systems. This applies to commercial as well as residential buildings.

Waters of the State means any water on the ground surface which has passed the curb and entered the street gutter flowing toward or entering the storm water system.



PROCEDURE:

A sewage discharge that is flowing from a property into the street and is moving toward or has already entered a storm drain (Waters of the State), shall be immediately reported to the County Operator at (213) 974-1234.

Sewage discharges shall be reported to the County Operator. The discharge will be assigned an Incident Number. The person reporting the sewage discharge is required to provide the following minimal information:

1. Contact information
2. Location of the discharge
3. Amount of the discharge
4. Start time and end time of the discharge
5. Disposition of the discharge (contained, went into a storm drain or waterway, soaked into ground, etc)

Additional information shall be provided upon containment of discharge.



A New Task for Service Request 714320 has been Assigned to Team: DPH Recreational Waters Program {CMI: GTCU1676312}

Service Request Number:	714320
Priority:	H2
Resolve By:	N/A
Department:	Los Angeles County Environmental Health
Open Time:	8/23/2016 12:49 PM
Primary Contact:	Public-Health-Sewage-Recreational Waters Program Los Angeles County Environmental Health rhealth@ph.lacounty.gov : 626-430-5360
Service Recipient:	Public-Health-Sewage-Recreational Waters Program Los Angeles County Environmental Health rhealth@ph.lacounty.gov : 626-430-5360
Location:	5050 Commerce Drive,
Affected CI:	--No Primary CI Identified--
Incident Description:	sewage spill on 8/22
Service:	Service Desk Support
Category:	Specialized Department Support
Subcategory:	Request Sewage Spill Notification
Task Notes:	
Journal Notes:	
Secure Specifics Data:	<p>Notification Date: 8/23/2016 12:53 PM Gallons Discharged: 200 Person Reporting: George Rodriguez Gallons Storm Drains: 0 Person Reporting Phone: (310) 901-7069 Post Date: Primary Agency: City of Santa Monica Water Resources Protection Program Cause of Discharge: Roots Agency Notify Date: Agencies Involved: Action Taken: agency was notified of call on 8/22 @ 1:30pm, arrived at 1:45pm, spill trickled while there and ended at 3:30pm. All 200 gal were captured in gutter and returned to sewer. No storm drains were reached. Note: Storm Drain Flow Stop Time: Storm Drain Location: OceanSpill: No Sewage Entry Location: Flow Rate: Discharge Start Time: Discharge End Time: Discharge Location: 415 San Vicente Blvd City: Santa Monica Zip Code: 90402</p>

[Click here to go directly to the Incident ticket.](#)



Request 715190

Primary Contact:
 Public-Health-Sewage-Recreational Waters Program
 Employee #: - No employee number on record -
 Phone: 626-430-5360
 E-mail: rhealth@ph.lacounty.gov
 Department: Los Angeles County Environmental Health

Service Recipient:
 Public-Health-Sewage-Recreational Waters Program
 Employee #: - No Employee number on record -
 Phone: 626-430-5360
 E-mail: rhealth@ph.lacounty.gov
 Department: Los Angeles County Environmental Health
 Site ID:
 Location: 5050 Commerce Drive,
 Floor/Room:
 Alt. Contact:

Status: In Progress
 Next: Resolve
 Set Pending

Record Classify Fulfill Resolve Closed

Created 8/24/2016 9:21 AM by Jalene Limon
 Last Edited 8/24/2016 9:30 AM by Cherwell Admin

Step 1: Record the details

Description: Sewage Spill
 Reported by Santa Fe Springs Public Works
 Public Works is currently in the process of disinfecting the sidewalk will call back more information

Call Source: Phone

Step 2: Classification (clear classifications)

Service: Service Desk Support
 Category: Specialized Department Support
 SubCategory: Request Sewage Spill Notification

Priority: H2 Impact: Urgency:

Primary CI:

Current Status: 8/24- escalated to DPH

Step 3: Fulfillment

Notification Date: 8/24/2016 9:22 AM
 Person Reporting: Sarina Choate
 Person Reporting Phone: (562) 409-7567
 Primary Agency:
 Agency Notify Date: 8/24/2016 9:00 AM
 Action Taken:

Gallons Discharged: 60
 Gallons Storm Drain: 30
 Post Date:
 Cause of Discharge: Private Line
 Agencies Involved:
 Notes:

Environmental Health

[District Surveillance & Enforcement](#)[Environmental Planning & Support](#)[Environmental Protection](#)[Specialized Surveillance & Enforcement](#)[Toxicology & Environmental Assessment](#)

Tell Us How We're Doing

[Service Quality Survey](#)[Quality Assurance](#)

Contact Information

[Public Services & Contact](#)

BEACHES AND FRESH WATER SWIM AREAS

A beach is the shore of a body of water covered by sand, gravel, or larger rock fragments.



- [Ocean Monitoring](#)
 - [Beach Advisories and Grades](#)
 - [State Ocean Water Quality Standards](#)
 - [Sewage Discharge to Ocean Incident Reports](#)
- Fresh Water Swim Areas
 - [Pyramid Lake Swimming Allowed with Caution Press Release \(2016-07-25\)](#) 📄
 - [Pyramid Lake Caution Sign](#) 📄
 - [Fresh Water Sample Results \(2016-06-05\)](#) 📄

Contact us at (626) 430-5360.

Pay for your Public Health Permit or License

To pay for your Public Health Permit and/or License using your Credit Card (Visa, MasterCard, American Express, or Discover), Debit Card, or Electronic Check (ECheck), please visit our [Payment Portal](#).

A convenience fee per transaction will apply. The convenience fees for Credit Card, Debit Card, and Electronic Check are 2.25% of payment, \$1.49, and \$0.95 respectively. Please have your

When a sewage discharge call is received, the appropriate course of action is decided based upon the disposition of the sewage

Beach Closure – Sewage flows into the ocean creating a public health hazard

Referred to another jurisdiction – Sewage has or will flow into a neighboring city or county

No Action Necessary – Sewage discharge does not pose a public health hazard



Timely reporting allows Environmental Health to protect the public by minimizing exposure to contaminated water

Post affected beaches with closure signs

Press Release

On the Environmental Health website

On the Environmental Health hotline

**BEACH CLOSED
FOR SWIMMING**

CONTAMINATED WATER
CONTACT WITH OCEAN WATER MAY CAUSE ILLNESS



**PLAYA CERRADA
PROHIBIDO NADAR**

AGUA CONTAMINADA
PUEDE CAUSAR ENFERMEDADES



For more information concerning beach water quality
contact the Los Angeles County Department of Public Health
1-800 525-5662 <http://www.publichealth.lacounty.gov/beach>



COUNTY OF LOS ANGELES
Public Health

ENVIRONMENTAL HEALTH - WATER QUALITY PROGRAM

SEWAGE DISCHARGE INCIDENT REPORT

Display Incident Report by Year:

Note: Move your mouse over each column heading for a more detailed description of each column.

Date	Location/ Track No.	Start Time	End Time	Notified Time	Agency	Discharged (gal)	Contained (gal)	Into Drain/River (gal)	Cause	Action Taken
2010										
February										
02/23/2010	<u>4015 Woodcliff Rd</u> SHERMAN OAKS, CA 91403 913040	12:00	Unknown	12:58	not given	414	414	0	Roots	No Action Taken: Discharge did NOT reach Ocean
02/23/2010	<u>18525 Collins St.</u> TARZANA, CA 91356 913026	Unknown	11:23	00:00	L.A. County Department Public Works	47	47	0	Grease	No Action Taken: Discharge did NOT reach Ocean
02/21/2010	<u>1916 Grant Ave</u> REDONDO BEACH, CA 90278 912679	17:31	Unknown	17:45	Redondo Fire Department	10	Unknown	Unknown	Unknown	No Action Taken: Total Quantity & Distance from Ocean does NOT pose Public Health Risk
02/21/2010	<u>9250 Mason Ave</u> CHATSWORTH, CA 91311 912672	Unknown	Unknown	17:00	CA EMA	2000	Unknown	Unknown	business discharge	No Action Taken: Miscellaneous Reason (See Detail in Notes Section)
02/20/2010	<u>2523 4th Ave.</u> LOS ANGELES, CA 90018 912646	13:20	14:05	14:47	L.A. City Bureau of Sanitation	1492	1492	0	Roots	No Action Taken: Discharge did NOT reach Ocean
02/19/2010	<u>13565 Deste Drive</u> LOS ANGELES, CA 90272 912556	11:15	12:30	13:50	L.A. City Bureau of Sanitation	80	80	0	Roots	No Action Taken: Discharge did NOT reach Ocean
02/17/2010	<u>35 Oak Tree Lane</u> PALOS VERDES ESTATES, CA 912206	Unknown	Unknown	23:10	LA County Sewer Maintenance	400	Unknown	Unknown	Roots	No Action Taken: Total Quantity & Distance from Ocean does NOT pose Public Health Risk
02/17/2010	<u>27294 Morago Drive</u> LOS ANGELES, CA 90077 902212	20:56	20:56	20:56	L.A. City Bureau of Sanitation	185	0	185	Roots	No Action Taken: Discharge did NOT reach Ocean
02/16/2010	<u>14800 S. Spring St @ Main</u> UNINCORP. LA COUNTY, CA 911900	Unknown	Unknown	14:55	L.A. County Department Public Works	800	Unknown	Unknown	Blockage	No Action Taken: Total Quantity & Distance from Ocean does NOT pose Public Health Risk



Sewage Discharges Resulted in:

8 beach closures in 2007

2 beach closures in 2008

2 beach closures in 2009

1 beach closure in 2010

4 beach closure in 2011

2 beach closure in 2012

2 beach closure in 2013

1 beach closure in 2014

2 beach closure in 2015



Sewage Discharge Reporting

Sewage discharges shall be reported to the County Operator at:

(213) 974-1234

Environmental Health will respond to sewage complaints 7 days a week, 24 hours a day.



QUESTIONS?

