



City of Healdsburg  
Public Works Department  
401 Grove Street  
Healdsburg, CA 95448

### 2005 Annual Sewer Collection System Event Summary

Date	Location	Description	Quantity	Duration	Immediate Corrective Action	Cause	Reached Receiving Water	Follow-up Corrective Action
7/26/2005	Sunnyvale Drive	At 3:16 PM the Public Works Maintenance crews discovered sewage overflowing from a manhole on Sunnyvale Drive. The overflow was caused by a blockage located approximately 20 feet downstream of the overflowing manhole on Sunnyvale Drive. We estimated the sewage was overflowing at a rate of 5 gallons per minute for nearly eighty minutes, and that approximately 400 gallons entered the City's storm drain system	400 gallons	80 minutes	When the blockage was cleared, the contained sewage was removed from an access point on Terrace Blvd. The drainage system was flushed multiple times in order to remove any trace of sewage.	The cause of the blockage was large rocks (>4"), diapers, and fine roots.	Since receiving waters, private property, or other jurisdictional areas were not affected by this event, no other notifications were made.	We contacted nearby residents to inform them on the proper use of the public sewer system, and ask their help in preventing future blockages.
10/31/2005	111 Healdsburg Avenue	At 8:40 PM, our City Maintenance crew responded to a report of a sewer overflow at 111 Healdsburg Avenue. Our crews arrived on scene and found sewage overflowing from property owner's grease interceptor. At 9:05 PM, the blockage was cleared and normal sewer service restored. During this event approximately 20 gallons of sewage entered a nearby storm drain catch inlet where it was contained.	20 gallons	25 minutes	After the blockage was cleared, the sewage contained in the nearby storm drain catch inlet was vacuumed and flushed, leaving no residual sewage.	The cause of the blockage was grease buildup on the City's side of the property owner's sewer lateral. In our Industrial Waste Program records, we verified that this business' interceptor was last inspected on August 23, 2005.	After clearing the blockage, we removed (vacuumed) the contained sewage from the catch inlet, and also flushed the inlet leaving no residual sewage.	As a result of this blockage, we directed the business owner to immediately pump (clean) their grease interceptor. We have since increased the inspection frequency for this business from semi-annual inspections to quarterly inspections.
11/30/2005	511 Center Street	At 11:09 AM, Public Works Maintenance crews responded to a report of a sewer overflow. At 12:04 PM, the blockage was cleared in the sewer main and flow patterns were restored. During this event, approximately 300 gallons of sewage entered a nearby storm drain catch inlet, where the City maintenance crew contained it.	300 gallons	44 minutes	After the blockage was cleared, the sewage contained in the nearby storm drain catch inlet was vacuumed and flushed, leaving no residual sewage.	The cause of the blockage was roots, which had been pushed from a private lateral, by the property owner's contractor into the City's sewer main.	Since receiving waters, private property, or other jurisdictional areas were not affected by this event, no other notifications were made.	As a result of this blockage, we are directing contractors to notify the City when they clear blockages that are going to impede the public sewer mains. The City's Annual Sewer Collections Cleaning Program indicated this sewer main was cleaned on 11/3/04.



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Date	Location	Description	Quantity	Duration	Immediate Corrective Action	Cause	Reached Receiving Water	Follow-up Corrective Action
4/12/2006	15785 Grove Street	At 10:14 AM, Healdsburg Public Works crew responded to a sewer overflow at 15785 Grove Street. City crews stopped the sewer overflow of domestic grease with a vacuum truck. The spill was estimated to be approximately 200 gallons. The resulting overflow was totally contained to the street and prevented from entering any storm drains. The sewage was vacuumed up along with the wash-down water so the street had no residual sewage.	200 gallons	60 minutes	After the blockage was cleared, the sewage contained in the nearby storm drain catch inlet was vacuumed and flushed, leaving no residual sewage.	The cause of the blockage was domestic kitchen grease, which had been pushed from a private lateral, by the property owner's contractor into the City's sewer main.	Since receiving waters, private property, or other jurisdictional areas were not affected by this event, no other notifications were made.	Following the cleanup, City personnel made contact with the manager of Oak Grove Apartments, to ask for their assistance in informing their residents on the proper use of the public sewer system. Oak Grove Apartments contracted with a septic service to quarterly extract grease from the private residential complex
4/17/2006	235 Sherman Street	At 6:55 PM, Healdsburg Public Works responded to a sewer overflow at 235 Sherman Street. At 7:00 PM the blockage was cleared and normal flow patterns restored.	10-15 gallons	15 minutes	The sewage spill was contained before it reached storm drains. The contained sewage was vacuumed along with washdown water so the street and gutter had no residual sewage	The cause of this blockage was roots, subsequently the sewer main was augered clear of all vegetative matter before hydrojetting.	Since receiving waters, private property, or other jurisdictional areas were not affected by this event, no other notifications were made.	As a result of this blockage, we are directing contractors to notify the City when they clear blockages that are going to impede the public sewer mains.
5/22/2006	Intersection of Josephine and Bianca.	At 8:20 AM, Healdsburg operations crew responded to an overflow at the intersection of Bianca and Josephine. City crews immediately stopped the sewer spill and cleared the domestic grease with a sewer auger.	40 gallons	20 minutes	After the blockage was cleared, the sewage contained in the nearby storm drain catch inlet was vacuumed and flushed, leaving no residual sewage.	The cause of the blockage was domestic kitchen grease, which had been pushed from a private lateral, by the property owner's contractor into the City's sewer main.	Appropriate notifications were made since a small percentage of the 40 gallons was unrecoverable. The 12" storm drain was a half capacity and the Russian River is located approximately 3/4 mile away.	This sewer main was cleaned as part of the City's Triennial Collections System Hydrojetting Program on 11-4-2005. The location is again scheduled to be cleaned in 2007.
9/23/2006	Intersection of Hassel Lane and Sunset Drive.	At 9:27 AM, Healdsburg operations crew responded to an overflow at the intersection of Hassel Lane and Sunset Drive. City crews immediately cleared the blockage with a sewer auger.	50 gallons	120 minutes	On the scene, City personnel observed the sewer overflow contained to a dirt fire road and in the vicinity of an adjacent manhole. The City's mechanical auger cleared the vegetative matter and roots.	The cause of the blockage was accumulated roots and vegetative debris.	Since receiving waters, private property, or other jurisdictional areas were not affected by this event, no other notifications were made.	This sewer main was cleaned as part of the City's Triennial Collections System Hydrojetting Program on 2-15-2005. The location is again scheduled to be cleaned in 2007.



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**2007 Emergency Response Summary**

Date	Location	Quantity	Duration	Immediate Corrective Action	Cause	Reached Receiving Water	Follow-up Corrective Action
5/3/2007	1400 Grove Street	3-6 gallons	22 min.	hydrojetting, auguring and vacuuming debris	grease blockage	No	Industrial inspections of upstream grease producer is an ongoing city program

**2008 Annual Sewer Collection System Event Summary**  
**2008 Annual Potable Water Event Spill Summary**



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Date	Location	Description	Quantity	Duration	Immediate Corrective Action	Cause	Reached Receiving Water	Follow-up Corrective Action
4/26/2008	426 Terrace Blvd.	Potable water overflow	90,000 gallons		repair of water main	potable water main break	yes	repairs made; report to NCRW/QCB on 5/15/2008 Water Resource Control Engineer: Mona Dougherty