Saratoga StreamKeeper Program Report

Prepared by the StreamKeeper Program of Coyote Creek Riparian Station for the Bay Area Storm Water Management Agencies Association June 1997
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Introduction

The StreamKeeper Program is a partnership between government agencies and citizen-volunteers. The StreamKeeper Program helps local governments meet their goals and requirements of their Storm Water Management Plan by enlisting the help of volunteers to monitor creeks, stormdrains, and neighborhoods for stormwater pollution, dumping incidents, and erosion problems. The ultimate goal of the StreamKeeper Program is to foster an understanding of and an appreciation of streams and their watersheds, then take "ownership" and responsibility for protecting these resources by changing behaviors that adversely impact the water quality of streams and the Bay.

These types of government-citizen partnerships enable government to save money during times of tight budget constraints and gives local governments a core group of educated, involved citizens. Conversely, citizens involved in these partnerships see projects important to them come to fruition and know that it was their input and actions that created a better situation. The StreamKeeper Program differs from most conventional citizen volunteer programs, in that, it brings the volunteers out of the library, schools, and parks into the wilds of the city, the urban creeks.

StreamKeeper Materials

StreamKeepers are given materials on the types of problems to look for in creeks and storm drains. In addition, they receive information on how and where to make a report. StreamKeeper materials include:

- A telephone directory of numbers citizens can use to report a pollution incident or to address a concern about the creek,

- A telephone directory of local recycling business and alternative disposal options,

- A map of the creek showing municipal outfall locations and a description of the outfall and area it drains,
Creek Pollution: Sources and Solutions, a table of information on what common household materials and practices cause storm water and creek pollution,

Incident report forms, and

An oil dumping fact sheet.

In addition to these Coyote Creek Riparian Station prepared materials, brochures from the Santa Clara Valley Nonpoint Source Pollution Control Program, the Santa Clara Valley Water District, the EPA, and various other sources are also passed out to the volunteers.

Outfall Mapping of Saratoga Creek

Outfall maps are used by StreamKeepers to monitor outfalls for unusual looking discharges. Outfall maps can be generated in one of two ways. Information can be taken from a city's stormdrain map and the placed on a smaller, more easily read, 8½ X 11 map. Alternatively, outfalls can be located and mapped during a field survey using Global Positioning Satellite (GPS) equipment.

For the Saratoga project, a survey along the Saratoga City portions of Saratoga Creek generated information regarding locations and descriptions of municipal outfalls, draining hoses, and water diversion pumps. The locations of these devices were noted using a Global Positioning System unit (GPS) and downloaded onto a computerized (GIS) map of Saratoga Creek and adjacent streets.

Water diversion apparatus and discharge pipes are reported as soon as the survey is completed. Water diversion is reported to either the Santa Clara Valley Water District or the Water Rights Division of the State Water Resources Control Board. Discharge pipes are reported to the Santa Clara Valley Nonpoint Source Pollution Control Program.

StreamKeeper Training Workshop

A StreamKeeper Training Workshop was held Saturday, Feb. 24 th from 9:30 to 12:30 p.m. Announcements were sent to all streamside residents and other residents living within one street of the creek, from Propsect to Springer; Saratoga Neighborhood Associations; volunteers participating in the stream inventory program; and other interested citizens. A total of 550 announcements
were sent out. In addition, press releases were sent out to the Saratoga Times, the Metro and the San Jose Mercury News. Twelve local residents attended the workshop. An agenda is enclosed.

Information given at the workshops included:

- background information on water quality of Saratoga and South San Francisco Bay,
- an explanation on the results of the Santa Clara Water District's coliform study by a Saratoga City consultant.
- background information on the nonpoint source programs involved in this watershed,
- how to recognize and report pollution problems,
- how storm water pollution enters creeks and their impact on aquatic ecosystems,
- a review of the guides' telephone directories, and
- the overall structure of the StreamKeeper program.

Follow-up letters after the workshops were sent to all StreamKeepers and Neighborhood Coordinators (copy enclosed). Included was information not covered during the training and other creekside activities. In addition, Saratoga StreamKeepers were added to the twice-annual mailings sent out to all StreamKeepers which is funded by the Santa Clara Valley Nonpoint Source Pollution Control Program.

Program Evaluation

Except for the coliform issue, Saratoga Creek generates less pollution reports from StreamKeepers and the general public than any other creek. One reason for this may be less public access on the creek for private citizens to make observations. Other creeks in the program have at least one side open so people can walk along one side to make observations. The benefit of having less of the creek accessible to the public is there is also less access for dumping incidents. The only place on the creek with much trash was where the public has a lot of access, Wildwood Park.

In addition, the creek is heavily vegetated with thick groundcover, which makes observing outfalls more difficult. Unusual outfall discharges (possible swimming pool discharges) have been seen but only during the Stream Inventory. Because people are in the streambed itself, it is much easier to observe the outfalls on Saratoga Creek. A thick understory is beneficial to the creek but makes the reporting objective more difficult.
The StreamKeeper program was established in order to achieve the following goals:

Seek the involvement of citizens, private businesses and public agencies in cooperatively addressing surface water runoff and watershed management issues.

Develop a corps group of stream monitors that collect illegal discharge and dumping information in support of the Santa Clara Valley Urban Runoff Pollution Prevention Program.

Educate watershed residents on the linkages between behaviors and water quality and the health of a watershed.

To increase citizens' understanding of and appreciation for streams and their watersheds, so they assume "ownership" and responsibility for protecting these resources.

**Lessons Learned**

Every creek has an unique set of problems and every community of creekside residents have their own unique set of concerns. Often these problems and concerns are about something other than stormwater pollution problems. Some residents on Saratoga Creek are concerned about coliform levels on the creek, San Francisquito Creek residents were more concerned about homeless issues, another community was concerned about the impact of heavy trail use on wildlife. It is important to explore what issues the community is grabbing with and address this issues during the StreamKeeper training. Occasionally the issues may be so hot, as with the coliform problem, it may be best to bring in an expert to discuss the problem.

The StreamKeeper program should be flexible and prepared to address a wide variety of concerns at the StreamKeeper training and during follow-up discussions with StreamKeepers. To prepare, the program coordinator should do some detective work by meeting with community leaders and city employees, and by reviewing newspaper articles on past issues. Follow-up often includes meeting with volunteers out on the creek at a moment's notice, assisting with special events on weekends, and spending time on the phone with volunteers reviewing their concerns.
Enclosures

1. Agenda of StreamKeeper Training Workshop
2. Follow-up StreamKeeper letter
3. StreamKeeper Training Materials
   - Outfall / Discharge Locations on Saratoga Creek
   - Telephone Directory for Reporting Problems
   - Disposal Option Directory
   - Creek Pollution: Sources and Solutions
   - Incident Report Forms
StreamKeeper Training
for
Saratoga Creek
Agenda

9:30 to 9:45  Welcome and Introductions
Karen Cotter, StreamKeeper Program Coordinator

9:45 to 10:30  What's Happening on Saratoga Creek:
The Biological Inventory
Chris Fischer, Inventory Program Coordinator
School Programs and Watershed Festival
Dave Johnston, Director, Coyote Creek Riparian Station
Coliform Testing by the Santa Clara Valley Water District
Art Kaupert, Santa Clara Co. Dept. of Environmental Health

10:30 to 11:10  Water Quality in South San Francisco Bay and
Santa Clara County Creeks
I've Seen It With My Own Eyes
Creek Pollution: Sources and Solutions

11:10 to 11:20  Break

11:20 to 11:40  Video: Trashing the Oceans

11:40 to 12:20  Government Agencies and Jurisdiction over Creeks
Reporting a Pollution Incident
When is it a Problem and When is it Not?
Telephone Directories
Outfall Maps
Pollution Report Forms
Private Property Rights
Membership and Waivers

12:20 to 12:30  Pyramids of Poison
What's Next for the Creek
StreamKeeper Sign-up with Karen

12:40 to 1:30  Optional Creek Walk with Chris Fischer

Coyote Creek Riparian Station
* Riparian Research, Restoration, and Management *
P.O. Box 1027  *  Alviso, California  *  (408) 262-9204
Dear Saratoga StreamKeepers,

Thank you for attending our StreamKeeper training workshop. I am always amazed by the concern and effort people put forth in order to protect their community and to preserve the environment for future generations. I look forward to hearing about your visits to the creek, your experiences while reporting and solving pollution problems, and your endeavors in spreading the word about protecting our creeks. We are here to help you in any way possible.

For those of you who signed waivers to work as a StreamKeeper, we ask that you visit the creek as frequently as you can, but you are not required to do it on any set schedule. Taking a serious look once a week or once every two weeks is fine. Even if it is only occasionally, it's still a big help. Those of you who are members of Neighborhood Associations may want to assign people from your association to visit the creek on a rotating basis. For example, Mary visits a section of the creek the first week of every month, John visits the second week of every month, etc. For those of you who don't belong to a Neighborhood Association, tell your neighbors who walk or jog the creek to keep an eye open and to report back to you if they see anything.

Also if you would like CCRS to make a presentation at a Neighborhood Association's meeting, we can come out and show our slide show on creek wildlife, plant life, and stormwater pollution.

Here is some additional creek information that we didn't get to at our training and info on upcoming special creek events.

**New Regulations in the Works for Erosion Control**

The San Francisco Regional Water Quality Control Board has begun upgrading their current erosion control standards for construction sites larger than five acres. The new controls would place seasonal deadlines on grading work to help reduce creek sediment loading as a result of heavy seasonal rains. Why all these restrictions on erosion? Soil that is disturbed erodes 2 - 40,000 times the rate of non-disturbed soil. When this eroded soil enters creeks, it has a detrimental effect on local wildlife and plant life. Plants are literally choked by sediment loading. Run-off increases nutrient levels resulting in algae blooms. Excessive algae robs water of dissolved oxygen which can kill off fish. And of course,
many species of fish rely on sediment-free gravel for successful reproduction. Although no specifics have been announced concerning the stricter regulations, we are pleased to see steps being taken to protect our local riparian habitats.

What can StreamKeepers do to help? StreamKeepers can help keep an eye on construction sites to see that they are covering storm drains to prevent sediment from entering creeks and at sites next to creeks, look for berms or hay bales placed between graded areas and the creek or top of stream bank. If you see sediment entering the creek at a construction site greater than five acres, call either the Santa Clara Valley Nonpoint Source Pollution Control Program at (800) 794-2484 or Hossain Kazemi at the SF Regional Water Quality Control Board at (510) 286-1043.

Septic Tank Systems: Some of you spoke to me after the training about your concerns regarding septic tank systems. Unfortunately there are no laws to get people who live within a sanitary district to hook up to a sanitary sewer line. There is one exception to this: if a homeowner applies for a building permit for remodeling or expansion, and their house is within 200 feet of a sanitary sewer line, the Uniform Plumbing Code (or the Plumbing Ordinance in Saratoga) will require that the homeowner hook up to the sanitary sewer line. However if the homeowner is not making any improvements on his or her building which requires a permit or if there are no problems with their septic system, there is nothing that the County or Cities can do. However, you can keep an eye and nose open for problems. If you know where a septic system is, here are the things you can look for.

- Do you see any seepage coming out of the stream bank itself? (However most septic systems flow downward, not laterally.)
- Is the vegetation more lush at this site than at adjacent sites. (Due to an over-abundance of nutrients.)
- Is there an abundance of algae in the water at this site?
- Is there an odor?

If the answers to most of these questions are yes, you should call the Santa Clara County Department of Environmental Health at 299-6060. If you are suspect, but are not sure that someone is connected to the sanitary sewer you can call your local Sanitary District, either the West Valley Sanitation District at 378-2407 or the Cupertino Sanitary District at 253-7071.

Earth Day, Saturday, April 20th: There will be creek clean-ups throughout Santa Clara County on Earth Day from 9 am to 1 pm. Jennifer Crotty will be leading the Saratoga Creek Clean up at Wildwood Park in Saratoga, please call her at 866-7024 to register for this site. For those of you who like a challenge, Coyote Creek Riparian Station will be cleaning up the Guadalupe River at Foxworthy off Almaden Expressway (at 3005 Old Almaden Road): "tons 'O plastic". Call Karen at CCRS to register for this site.
International Migratory Bird Day, Saturday, May 11: CCRS, the Santa Clara Valley Audubon Society, and the San Francisco Bay National Wildlife Refuge in Alviso are planning a very special day celebrating birds that winter in Central and South America and nest in North America during the summer. There will be bird walks, bird banding demonstrations, tours of the revegetation sites, a native plant sale, and a nature shop.

Saratoga Watershed Festival, Sunday, May 19: Come together at Wildwood Park at Saratoga Village. Live music all day by Les Landin's Skillet Band, Leanne Welch of Sidesaddle, local choirs, and schools bands. CCRS staff will provide slide shows and talks. Children can visit with wildlife and make animal tracts. Call Cyndi or Dave at the office to make reservations for the trout sandwich special or to purchase our "In Celebration of Saratoga Creek" t-shirts.

Any time you have questions about a potential problem or need general information on creek ecosystems gives us a call, we're here to help. I will be writing you again in a few months. Take care and thank you for becoming a StreamKeeper.

Sincerely,

Karen Sue Cotter
StreamKeeper Program Coordinator
<table>
<thead>
<tr>
<th>Outfall#</th>
<th>LOCATION</th>
<th>*BANKSIDE/DIAMETER</th>
<th>**DESCRIPTION</th>
<th>DRAINS AREA OF</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>About 150' upstream of Prospect Ave</td>
<td>Left/15&quot;</td>
<td>CMP, half buried</td>
<td>Not part of storm drain system</td>
</tr>
<tr>
<td>2</td>
<td>Behind Prospect High School, directly behind baseball backstop</td>
<td>Right/12&quot;</td>
<td>Sacrete above and below outfall</td>
<td>Prospect High School</td>
</tr>
<tr>
<td>3</td>
<td>100' upstream of outfall #2</td>
<td>Right/30&quot;</td>
<td>Set back away from creek, RCP</td>
<td>Prospect High School</td>
</tr>
<tr>
<td>4</td>
<td>Behind the end of Lynbrook Ct.</td>
<td>Left/15&quot;</td>
<td>CMP, with small boulder size slope protection</td>
<td>Lynbrook Ct.</td>
</tr>
<tr>
<td>5</td>
<td>Behind corner of Kosich Dr. and Saratoga Creek Dr.</td>
<td>Right/27&quot;</td>
<td>CMP</td>
<td>Kosich Dr. to Lolly Ct.</td>
</tr>
<tr>
<td>6</td>
<td>Across from outfall #5</td>
<td>Left</td>
<td></td>
<td>Greenwood Ct.</td>
</tr>
<tr>
<td>7</td>
<td>About 200' upstream of the intersection of Cyril Place. and Saratoga Creek Dr.</td>
<td>Right/21&quot;</td>
<td>CMP</td>
<td>Corners of Raleigh Pl. and Saratoga Creek Dr. and from Ansley Pl. to Hargrave Way</td>
</tr>
<tr>
<td>8</td>
<td>About 50' downstream of the intersection of Saratoga Creek Dr. and Saratoga Glen Pl.</td>
<td>Right/15&quot;</td>
<td>CMP</td>
<td>Palo Oaks Ct. to intersection of Saratoga Creek Rd. and Saratoga Glen Pl.</td>
</tr>
<tr>
<td>9</td>
<td>Across from outfall #8</td>
<td>Left/36&quot;</td>
<td>MP with flap gate</td>
<td>Behind Brook Glen Dr.</td>
</tr>
<tr>
<td>10</td>
<td>Directly under Cox Ave Bridge</td>
<td>Right/15&quot;</td>
<td>RCP</td>
<td>Cox Ave. behind Bach Ct. and Shubert Dr. to Newhouse Ct.</td>
</tr>
<tr>
<td>11</td>
<td>Next to Cox Ave. Bridge (upstream side)</td>
<td>Left/21&quot;</td>
<td>MP with flapgate and sacrete slope</td>
<td>Cox Ave. Bridge to Saratoga Ave.</td>
</tr>
<tr>
<td>12</td>
<td>About 500' upstream of Cox Ave. Bridge</td>
<td>Left/12&quot;</td>
<td>CMP</td>
<td>2 drains on Dehaviland Dr.</td>
</tr>
<tr>
<td>13</td>
<td>About 300' upstream of Cox Ave. Bridge</td>
<td>Left/12&quot;</td>
<td>CMP</td>
<td>Area behind Anza Dr.</td>
</tr>
<tr>
<td>14</td>
<td>About 50' upstream of the elbow of Anza Dr.</td>
<td>Right/24&quot;</td>
<td>CMP</td>
<td>Not part of storm drain system</td>
</tr>
<tr>
<td>15</td>
<td>Directly under Highway 85</td>
<td>Left/18&quot;</td>
<td>CMP</td>
<td>Highway 85</td>
</tr>
<tr>
<td>16</td>
<td>50' upstream of railroad tracks</td>
<td>Left/18&quot;</td>
<td>CMP with flap gate</td>
<td>Railroad support structure</td>
</tr>
<tr>
<td>17</td>
<td>Just upstream of outfall #16</td>
<td>Left/36&quot;</td>
<td>CMP</td>
<td>Railroad support structure</td>
</tr>
<tr>
<td>18</td>
<td>Intersection of Saratoga Creek and Via Real Dr.</td>
<td>Right/18&quot;</td>
<td>CMP</td>
<td>From Via Real Dr. to Via Arriba Ct.</td>
</tr>
</tbody>
</table>

*Bankside is looking downstream

**CMP= Corrugated Metal Pipe
**RCP= Reinforced Concrete Pipe
**PVC= Hard Plastic Pipe
<p>| 19 | Just past the end of Via Real Dr. | Left/48&quot; | CMP with concrete surrounding | Via Real Dr. to Glen Brae Dr. and surrounding 10 block area |
| 20 | About 250' upstream of Via Ranchero Ct. | Right/24&quot; | CMP with sacrete surrounding | Via Ranchero Dr. to Saratoga Ave. |
| 21 | Directly across from outfall #19 (hard to find) | Right/15&quot; | CMP | Via Madronas Dr. |
| 22 | Next to Via Monte Dr. Bridge | Right/12&quot; | RCP | Via Monte Dr. |
| 23 | Downstream edge of Via Monte St. Bridge | Left/18&quot; | RCP | Via Monte St. Bridge |
| 24 | Underneath Scotland Dr. Bridge | Right/12&quot; | RCP | Scotland Dr. |
| 25 | Underneath Scotland Dr. Bridge | Left/36&quot; | RCP | Scotland Dr. |
| 26 | Directly behind school playground | Right/12&quot; | CMP with sacrete slope | School playground |
| 27 | Underneath Crestbrook Dr. Bridge | Right/12&quot; | CMP | Crestbrook Dr. |
| 28 | Underneath Crestbrook Dr. Bridge | Left/15&quot; | CMP | Braemar Dr. to Crestbrook Dr. |
| 29 | Just upstream of wood Box, terrace steep steps | Left/2&quot; | RCP | Area behind Merribrook Dr. |
| 30 | Directly behind Rossmere Ct. between two homes | Right/18&quot; | CMP with sacrete slope | 1 drain on Rossmere Ct. |
| 31 | About 400' upstream of outfall #30 | Left/18&quot; | CMP | Merribrook Dr. |
| 32 | One house upstream of 19994 Baroni Ct. | Right/10&quot; | CMP | Baroni Ct. |
| 33 | About 100' upstream of outfall #32 | Left/12&quot; | CMP with sacrete slope | The culdesac of Howen Dr. |
| 35 | Just downstream of Herriman Ave. and Lannoy Ct Bridge | Left/18&quot; | CMP with concrete slope | The intersection of Beaumont and Herriman Ave to the bridge |
| 36 | Underneath Herriman Ave. and Lannoy Ct. Bridge | Left/24&quot; | RCP | All of Camino Rico to Herriman Ave. and Lannoy Ct Bridge. |
| 37 | Underneath Herriman Ave. and Lannoy Ct. Bridge | Left/30&quot; | CMP | Saratoga-Sunnyvale Rd. to Herriman Ave. and Lannoy Ct. Bridge |
| 38 | Just upstream (&lt;50') of Herriman Ave. and Lannoy Ct. Bridge | Right/12&quot; | RCP with concrete slope | Between Herriman Ave. and Lannoy Ct. |
| 39 | 250' upstream of Herriman Ave. and Lannoy Ct. Bridge (hard to find) | Right/12&quot; | CMP | Saratoga Ave. to Herriman Ave. just past Jerries Dr. to the creek |</p>
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Width</th>
<th>Material</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Directly behind the end of River Ranch Circle (hard to find)</td>
<td>Left/12&quot;</td>
<td>CMP</td>
<td>The end of River Ranch Circle</td>
</tr>
<tr>
<td>41</td>
<td>Directly behind area at the end of Alta Vista Ave.</td>
<td>Left/18&quot;</td>
<td>CMP with sacrete slope</td>
<td>Area behind the end of Alta Vista Ave.</td>
</tr>
<tr>
<td>42</td>
<td>About 300' upstream of outfall #37</td>
<td>Right/12&quot;</td>
<td>CMP with sacrete slope</td>
<td>Behind Loma Rio Dr.</td>
</tr>
<tr>
<td>43</td>
<td>Directly under 14157 Squirrel Hollow Ln.</td>
<td>Right/12&quot;</td>
<td>CMP</td>
<td>Squirrel Hollow Ln.</td>
</tr>
<tr>
<td>44</td>
<td>About 300' upstream of outfall #43, directly across from end of Squirrel</td>
<td>Left/18&quot;</td>
<td>CMP</td>
<td>Alta Vista Ave.</td>
</tr>
<tr>
<td>45</td>
<td>Middle of sacrete wall at beginning of oxbow</td>
<td>Right/12&quot;</td>
<td>CMP</td>
<td>Saratoga Ave.</td>
</tr>
<tr>
<td>46</td>
<td>About 30' downstream from water district and sewer line road</td>
<td>Right/24&quot;</td>
<td>CMP</td>
<td>Not part of storm drain system</td>
</tr>
<tr>
<td>47</td>
<td>Directly behind Arbeleche Ln.</td>
<td>Left/16&quot;</td>
<td>CMP</td>
<td>Arbeleche Ln.</td>
</tr>
<tr>
<td>48</td>
<td>About 200' downstream of Saratoga-Sunnyvale Rd. Bridge</td>
<td>Right/12&quot;</td>
<td>CMP</td>
<td>Park Pl. and Saratoga Ave.</td>
</tr>
<tr>
<td>49</td>
<td>About 60' downstream of Saratoga-Sunnyvale Rd. Bridge</td>
<td>Right/12&quot;</td>
<td>CMP with &quot;T&quot; on end of pipe</td>
<td>Parking lot</td>
</tr>
<tr>
<td>50</td>
<td>About 60' downstream of Saratoga-Sunnyvale Rd. Bridge</td>
<td>Right/4&quot;</td>
<td>CMP</td>
<td>Parking lot</td>
</tr>
<tr>
<td>51</td>
<td>Downstream edge of Saratoga-Sunnyvale Rd. Bridge</td>
<td>Right/12&quot;</td>
<td>CMP</td>
<td>Saratoga-Sunnyvale Bridge</td>
</tr>
<tr>
<td>52</td>
<td>About 150' upstream of Saratoga-Sunnyvale Rd. Bridge</td>
<td>Right/18&quot;</td>
<td>CMP</td>
<td>Gas station</td>
</tr>
<tr>
<td>53</td>
<td>Just upstream of outfall #48</td>
<td>Right/18&quot;</td>
<td>RCP</td>
<td>Parking lot of 14407 Big Basin Way</td>
</tr>
<tr>
<td>54</td>
<td>Across creek from 14451 Big Basin Way (large beige wooden house)</td>
<td>Right/18&quot;</td>
<td>CMP with &quot;T&quot; bar</td>
<td>3rd Street</td>
</tr>
<tr>
<td>55</td>
<td>Downstream of footbridge to Wildwood Park and 50' downstream of Saratoga Inn</td>
<td>Left/12&quot;</td>
<td>CMP</td>
<td>Large beige home directly above creek</td>
</tr>
<tr>
<td>56</td>
<td>Downstream of footbridge to Wildwood Park and 20' downstream of Saratoga Inn</td>
<td>Right/24&quot;</td>
<td>CMP</td>
<td>Parking lot</td>
</tr>
<tr>
<td>57</td>
<td>Under footbridge to Wildwood Park</td>
<td>Right/9&quot;</td>
<td>CMP</td>
<td>Parking lot above creek</td>
</tr>
<tr>
<td>Station</td>
<td>Location Description</td>
<td>Flow</td>
<td>Culvert Type</td>
<td>Notes</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>------</td>
<td>--------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>58</td>
<td>Between Wildwood Park footbridge and 4th Street Bridge</td>
<td>Right/24&quot;</td>
<td>RCP</td>
<td>Big Basin Way and 4th Street</td>
</tr>
<tr>
<td>59</td>
<td>Upstream side of 4th Street Bridge</td>
<td>Left/24&quot;</td>
<td>CMP</td>
<td>4th Street Bridge</td>
</tr>
<tr>
<td>60</td>
<td>Just upstream of 4th Street Bridge (5' upstream of outfall #55)</td>
<td>Left/24&quot;</td>
<td>CMP</td>
<td>4th Street Bridge</td>
</tr>
<tr>
<td>61</td>
<td>Between “Saratoga Creek Building” and 2 story grey buildings</td>
<td>Right/24&quot;</td>
<td>CMP</td>
<td>Parking lot area</td>
</tr>
<tr>
<td>62</td>
<td>About 30' upstream of large red house (perched on bank)</td>
<td>Right/12&quot;</td>
<td>CMP with &quot;T&quot; on end</td>
<td>Drains unknown area</td>
</tr>
<tr>
<td>63</td>
<td>2 story beige stucco apartments with dark brown trim</td>
<td>Left/24&quot;</td>
<td>CMP</td>
<td>Apartments</td>
</tr>
<tr>
<td>64</td>
<td>Just upstream of outfall #58</td>
<td>Left/12&quot;</td>
<td>CMP with concrete slope protection</td>
<td>Apartment/Condo complex</td>
</tr>
<tr>
<td>65</td>
<td>Just below apartment/condo complex, white 2 story</td>
<td>Left/24&quot;</td>
<td>CMP with concrete slope protection</td>
<td>Apartment/Condo complex</td>
</tr>
<tr>
<td>66</td>
<td>25' downstream of brown bridge</td>
<td>Right/24&quot;</td>
<td>CMP with concrete slope protection</td>
<td>Drains unknown area</td>
</tr>
<tr>
<td>67</td>
<td>Directly below tennis court</td>
<td>Right/24&quot;</td>
<td>CMP</td>
<td>Tennis court</td>
</tr>
</tbody>
</table>
Saratoga Creek Telephone Directory

Using the Directory

The following directory is divided into three sections. The first section, Government Directory, lists numbers of agencies to call to report a problem or to inquire about information. It is subdivided into Regional and State Offices, Santa Clara County and Water District offices, the City of Saratoga, and State Fish and Game numbers.

The middle section, Odds and Ends, lists miscellaneous government agencies and environmental organizations that are also involved in preserving, protecting, and enhancing creekside habitats.

The last section of the directory, Disposal Alternatives, explains what is meant by household hazardous waste and lists Household Hazardous Waste programs, curbside recycling programs, recycling centers, land fill operators, numbers to call to report locations of wayward shopping carts, and centers that assist with abandoned or injured animals.

Reporting a Pollution Problem

For incidents in progress, call 911 immediately.

For incidents not in progress,

➢ Fill out an Incident Report form before you make the call. The form will help guide you in reporting all the information the agency will need to know. Be as specific as you can with the location, the time of the incident, and the details of the event.

➢ Keep a record of the name of the agency, person,
their title, department, and direct telephone number, that you spoke with. Make note of their comments. You will probably need to call this person again. Let them know you will be calling them back and when you will call them.

➤ It is sometimes necessary to make several phone calls to report one incident.

➤ Call the agency back to find out if and when action was taken. Thank them.

➤ Visit the stream or the incident location again to look for any signs of action or recurrence of the problem.

➤ Pictures of the incident may be a valuable tool. Date the photograph and write the location, time, and description of problem on the back of the photograph.
First Call Flow Chart

Problem

Hazardous Spill

Call 911

Dead Fish or Wild Animal
Call Fish and Game Dispatch

Non Hazardous Spill

Neighborhood Coordinator

No Dead Fish or Wild Animal

Determine Jurisdiction

City of Saratoga

911- Saratoga Fire District

Saratoga Public Works Department

Santa Clara County Area

Nonpoint Source Pollution Control Program

Santa Clara Valley Water District

Environmental Compliance

Telephone Directory
City of Saratoga

Saratoga Fire District ......................................................... 911 (24 hours)
Call 911 if you see someone dumping material into a storm drain. If possible, provide a license number of a vehicle and a good description of those dumping in order for the most effective response. Saratoga Fire District will respond to the scene of the incident and call for additional support if needed.

Also call 911 to report illegal or accidental spills flowing to the storm drain system, unusual looking surface runoff flowing to storm drains, or unusual appearance in outfall discharge. The Saratoga Fire District will be dispatched to the site.

For general information about the City’s nonpoint source pollution prevention programs and outreach materials, call the City’s Public Work Dept. at 867-3438 ext. 219.

Saratoga City, Other Numbers

Stray or Injured Animals: Humane Society 727-6529
Abandoned Vehicles: Sheriff’s Dept. 867-9715
Adopt-A-Creek: SCVWD 265-2600
Flood Zone Maps 867-3438 Ext.242
Hazardous Material Testing: 911
Injured Wildlife: Wildlife Center of Silicon Valley 283-0744
Manhole problems (24 hours) 867-3438 Ext.245
Mosquitoes: Santa Clara Co. Abatement Program (800) 675-1155
Park/Creek Clean-ups w/ Park & Rec 867-3438, Ext 245
Raw Sewage and backups
   West Valley Sanitation District 378-2407
   Cupertino Sanitary District 253-7071
   After hours 911
   Sandbags for flooding 867-3438 Ext. 245
   Shopping Carts see Directory p 14
   Storm Drains, Cleaning and Maintenance 867-3438 Ext.245
   Storm Drain Stenciling Program 867-3438 Ext.245
   Tree Planting, Trimming or Removal Permit 867-3438 Ext.222
Santa Clara County

S. C. V. Nonpoint Source Pollution Control Program .......... (800) 794-2482

To report spills or dumping into the storm drain system, lakes or streams, or to obtain brochures, and general pollution prevention information. This number is staffed from 7:30 am to 5 pm, and has an answering machine for after hours messages.

County Environmental Health, Hazardous Material Compliance Division

Enforces hazardous waste regulations, handles permits for hazardous materials storage for businesses in unincorporated areas and Los Altos, Los Altos Hills, Saratoga, and Monte Sereno. Inspects for leaking underground tanks.

Santa Clara Valley Water District

Environmental Compliance Division .................................................. 265-2600 Ext. 2634

The Environmental Compliance Division will respond to and can contain oil and Hazardous Material Spills.

Ombudsperson ................................................................. 268-8663

Assistance with tracking the response to pollutant discharges to surface waters in the County.

Public Information .............................................................. 265-2600 Ext. 2255

Information regarding water education or Adopt-A-Creek programs. Adopt-A-Creek helps citizens coordinate creek clean-ups.

Design Coordination / Ordinance Enforcement .................. 265-2600 ext. 2253

Ordinance 83-2 of the SCVWD prohibits dumping, filling, or excavation or near creeks; also requires that a permit be obtained before any planting or construction takes place within 50’ of a district easement.

Maintenance Division, Records .............................................. 265-2607 ext. 2378

Large, unsightly objects in creeks such as household furniture, appliances or shopping carts are removed by the Maintenance Division only when they are obstacles to water flow and therefore might contribute to flooding. They do perform routine inspections and clean-ups in creeks to clear creeks of flooding hazards, including excess vegetation. Call the Environmental Compliance Division for assistance on removing objects not considered a flood control hazard. SCVWD will also assist Adopt-A-Creek groups to pick up and remove large objects during volunteer clean-up activities; call the Public Information number.

SCVWD’s employees will only work in an area where they have jurisdictional authority. Design Coordination, Maintenance or Environmental Compliance will be able to tell you if a particular location is within SCVWD’s jurisdiction. SCVWD is divided into five maintenance zones. Saratoga Creek is in the North Central Zone.
State or Regional

California Hazardous Material Spill/Release ......................... 800-852-7550 (24 hours)
To report all significant releases or potential releases of hazardous materials, including oil. Hazardous materials are any materials "that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment."

Regional Water Quality Control Board, S.F. Bay ...................(510) 286-1255
To report a known source of a spill, to report a chronic problem, to find help if cities or counties do not respond adequately. To report spills with a potential to impact state water quality (includes sewage above 1,000 gallons).

Toxic Tip Line ......................................................................(408) 299-TIPS
To report an industrial violation or illegal disposal. This line is managed by the Santa Clara County District Attorney's Office.

BayKeeper ................................................................. 800-KEEP-BAY or 800-533-7229
To report illicit pollution incidents in San Francisco Bay.

Army Corps of Engineers
General information ....................................................... (415) 744-3020
Permits and regulations ................................................ (415) 744-3036
To report illegal construction or infilling of a creek. If construction work is taking place over or within a creek, an Army Corps permit is generally required.
Department of Fish and Game

Fish and Game's jurisdiction includes all of the natural resources (plants and animals found in Saratoga Creek. Saratoga is open to fishing from the last Saturday in April though November 15. The daily bag and possession limit is five fish. It is unlawful to take amphibians, reptiles, mollusks, crustaceans (crayfish) or kelp.

Oil Spill Response ....................(916) 445-0045 and (800) 852-7550 (24 hours)

Usually responds to oil spills on marine waters, but will respond to a freshwater spill if it threatens marine (San Francisco Bay) water.

CAL-TIP .................................................................(800) 952-5400 (24 hours)

To report poaching-in-progress or make reports with good descriptions of person(s) poaching. Be prepared to give the fullest possible account of the incident including the name, address, age (if known), and description of the suspect, vehicle description, license number, when and where it occurred. This is a secret witness program with a reward incentive if an arrest is made.

Dispatch Line, Fish and Game .................................(707) 944-5512

(8-5, 7 days a week)

To report fish kills, illegal dumping into the waters, poaching-in-progress, or to leave messages for the warden. Can be used to get a Fish and Game Warden on scene as soon as possible.

Stream Alteration Agreement Office ............................(707) 944-5520

To obtain a Stream Alteration permit in order to do work within the riparian corridor, streambank or in the creek. To inquire if someone has the proper permits.

Menlo Park Office of Fish and Game .........................(415) 688-6340

This office works primarily on marine resources but will also answer general inquiries regarding law enforcement, pollution, construction on streambanks or in creeks. Also handles inquiries regarding fishing and fishing licenses.

Saratoga Creek, Fisheries .......................................(408) 842-8917

Margaret Roper, Area Biologist
For inquiries regarding biological aspects of Saratoga Creek Fish
seen or assuming to be living there include: Sacramento sucker, California roach, rainbow trout, and mosquito fish.

Saratoga Creek, Water Quality ................................................. (408) 649-7141

Deborah Johnston, Water Quality Biologist
For questions regarding water quality.

Wastewater Treatment Plants

San Jose / Santa Clara Water Pollution Control Plant..................... 945-5300

Serves San Jose, most of Cupertino, Santa Clara, Milpitas, Campbell, Saratoga, Los Gatos, Monte Sereno, and surrounding unincorporated areas.
Odds and Ends

CAL Trout.................................................................(408) 428-9188

Works toward improving fisheries' habitats.

Coyote Creek Riparian Station...................................(408) 262-9204

Undertaking biological surveys on creeks in Santa Clara County, conducts riparian bird studies, and creek pollution prevention training programs.

Our City Forest ..........................................................(408) 277-3969

Provides technical assistance to groups planting trees. Will work in riparian areas and assist in coordinating efforts with the Santa Clara Valley Water District.

Santa Clara Valley Audubon Society ............................(408) 252-3747

Information, workshops, and special presentations on birds and their habitats.

State Water Resources Control Board
Water Rights Permit Division.................................(916) 657-2170
Print-outs of Water Rights for specific creeks ..........(916) 657-1370
Illegal Diversion Office.................................(916) 657-1361

Telephone Directory 9
People who dump are sometimes simply unaware of what else to do with their wastes. Here is a list of agencies and places that take household hazardous waste (HHW), recyclables, old furniture, car parts and who knows what else. Some of these places charge to drop material off, others take it off your hands for free, or even give you money for it.

Help make people aware that household hazardous wastes are damaging to the environment and to other people and should not be dumped. It is also very important to educate people that household hazardous wastes need to go to a proper Household Hazardous Waste disposal facility, not just out with the garbage cans. HHW's, if improperly disposed, can harm your family by contaminating the water supply and the environment. If thrown out with the garbage, the garbage hauler may refuse to pick up the trash.

All containers must be labeled. The law limits how much household hazardous waste a resident can transport at one time to either 5 gallons or 50 pounds. Pack them upright and tight so they will not spill and carry the containers in the trunk or the bed of a truck to a designated drop-off event.

**Household Hazardous Waste**

Household hazardous wastes are in-home products which contain hazardous chemicals, and if improperly stored, used or discarded, can cause illness or injury to the public health and the environment. Common examples include:

- motor oil
- antifreeze
- paint and paint supplies
- cleaning solvents
- pesticides
- photographic chemicals
- flea powders
- pool chemicals
- medicines
- polishes
- aerosols
- bleach
- drain openers
- gasoline and kerosene
- glues
- oven cleaners

A substance is considered hazardous if it is:

**Flammable**: Can easily be ignited. Examples include:
- Acetone
- Butane (aerosol hair spray propellant)
- Gasoline
- Toluene (paint remover/paint thinner)

**Corrosive**: Either the chemical itself, or its vapors can damage or burn
body tissues or can damage surfaces (e.g. corrode pipes). Examples include:
- Sodium hydroxide (oven cleaners and drain cleaners)
- Hydrochloric acid (pool acid)
- Muriatic acid (used to clean bricks and concrete)

Toxic: May cause injury or death to people if eaten, drunk, absorbed by skin or inhaled. In the environment, may poison plants, insects, birds, fish and other animals. Examples include:
- Methylene chloride (paint stripper)
- Chlorodane and diazinon (pesticides)
- Pentachlorophenol (wood preservative)

Reactive: May cause explosion, fire, or other violent reaction. Examples include:
- Calcium carbide (welding material)
- Zinc phosphide (rodent control)

Household Hazardous Waste Disposal Options

CA Recycling Hot Line .................................................. (800) 553-2962

Provides a listing of gas stations and other locations which accept used oil. Call the facility before you bring in the oil. There may be a small disposal charge. Provides information to both individuals and businesses on where to recycle most materials.

SCCo. Household Hazardous Waste Collection Program ..........299-7300

For Santa Clara County residents only: This program manages a mobile collection program throughout the county. Reservations are required to drop off material. Accepts up to 5 gallons of liquid household hazardous waste, including motor oil, antifreeze, paint, fertilizers, pesticides, pool chemicals and solvents. Will accept household batteries. See also Recycling Businesses for additional recycling programs. (Also, all Santa Clara County Cities - except Los Altos Hills- have a motor oil curbside collection program.)

Recycled paint can also be purchased through this program. For information, ask for Ed Ramos at the above number.

CA Dept. of Conservation, Recycling Hotline ..................... 800-322-SAVE
or 800-322-7283
Curbside Recycling

Green Valley Disposal and Recycling........................................... 345-2100

Weekly curbside recycling program for residents of Saratoga. Will pick up tin and aluminum cans, clean aluminum foil and trays, glass bottles, soda, juice and milk bottles, milk cartons, newspaper, corrugated cardboard, and up to four gallons of motor oil in one gallon milk containers, labeled, and securely capped. They also take yard clippings and debris. Program is for single family homes. Multi-family units have optional pickups.

Recycling Businesses

Many different businesses are found in Santa Clara County that recycle a wide variety of items. These range from typical items like aluminum cans and newspapers to more unusual items like radiators, carburetors, magazines, and plastic flower pots. Some places will buy back materials, others charge for dropping off and some do neither. Please call to find out more specific information about a recycler close to your neighborhood that handles your specific needs.

Bay Area Recycling Centers....................................................... 371-5834
Pays cash for most recyclables, call to confirm that they will accept your items.

Jiffy Lube...................................................................................... 988-8999
Jiffy Lube will take up to 3 gallons of oil. Call this number to locate closest facility.

Parnelli-Jones.............................................................................. 972-1100
Accepts up to 20 gallons of used motor oil. Will pay 16 cents per gallon.

Snappy Lube ................................................................................... 445-4440
Accepts up to 20 gallons of used motor oil, no charge.

Sears Automotive Departments
Tully Road ....................................................................................... 239-1190
Wolfe Road, Cupertino ................................................................... 864-6690
Accepts used car batteries, no charge to drop off.

K-mart
San Jose, Blossom Hill ................................................................. 226-3680
San Jose, Fruitdale ........................................................................ 298-4650
San Jose, McKee ............................................................................ 258-3864
San Jose, Saratoga-Sunnyvale .................................................... 253-6350
Santa Clara, El Camino ................................................................. 247-2408
K-mart accepts used car batteries that are intact with their tops on. K-mart will take up to 11 batteries at one time and pay $1.00 per battery.

**Waste Fiber Recovery** ............................................. (510) 723-9663
Accepts demolition debris, construction scrap, wood pallets, most types of wood. Drop box service available.

**SIMS-LMC Recyclers** ............................................... (415) 369-4161
699 Seaport Blvd. Redwood City
Accepts scrap metal.

**Zanker Material Recovery** .................................. (408) 263-2383
705 Los Esteres Road, Alviso
Accepts concrete, asphalt and demolition debris.

**Dumps or Landfill Operators**

**Guadalupe Rubbish Disposal Co.** .................................. 268-1666
15999 Guadalupe Mines Road
Open to the public 7 days a week, from 8 am to 4:45 pm. No liquid or hazardous waste accepted. Minimum charge is $13. Trash and mixed waste is $13.00/cubic yard. Clean dirt is $6.75/cubic yard. Also takes rugs, carpets, clean wood, appliances, and furniture. Call for additional information on fees.

**Zanker Road Landfill** ........................................... 263-2383
End of Zanker Road off Hwy. 237, Alviso
Solid waste disposal, no toxic waste. Dumping fees range from $3 to $75/cubic yard. Minimum charge: $12.50. Open 7 days a week, from 6 to 5:45 pm M-F and from 8 to 3:45 pm on weekends.
Animals

Humane Society of Santa Clara County ........................................ 727-3383
To report abandoned pets.

Wildlife Center of Silicon Valley ........................................ 283-0744
To report or to get information regarding injured wildlife.

Shopping Carts

It is illegal to dump anything into a creek, but shopping carts in particular are very damaging to the environment. Shopping carts cause erosion, flooding problems, and obstacles for migrating fish. Also, dumped carts seem to encourage people to dump other objects as well. Notify the proper store as soon as you see the cart. Carts that are on the top of the bank or near the creek are much more likely to be picked up by the store, than ones down in the creek which are difficult and dangerous to pick up.

Safeway @ Saratoga-Sunnyvale Rd. and Cox........................................ 867-0180
Safeway @ Hamilton Ave. ................................................... 865-0295
(red panels)

Trader Joe’s @ Prospect Ave. in The Westgate- West Mall............. 446-5055
(silver and red carts)

Payless @ Prospect and Saratoga Ave................................. 252-8470
(red panels, carts smaller in size than Safeway)

Lucky @ Saratoga Ave. and Payne......................................... 247-7446
Lucky @ Quito Rd. in The El Paseo Mall......................... 374-9030
(blue panels)

Longs @ Saratoga-Sunnyvale RD and Cox ......................... 867-5400
(blue panels)

Tires

Tires Plus ................................................................. 415-967-3725
345 Castro Way, Mountain View
Takes up to 2 tires/visit and charges $5 per tire.

Used Tire Warehouse.................................................... 408-970-8733
815 Constock, Santa Clara
Takes up to 6 tires/visit and charges $3 per tire.
# Creek Pollution: Sources and Solutions

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PROBLEM</th>
<th>HOW TO DISCARD</th>
<th>ALTERNATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Automobile Related</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Used motor oil and related products.</td>
<td>Coats fish gills, bird feathers, and fur. Prevents oxygen from entering the water. Toxic to aquatic life. One quart of dumped oil can contaminate 250,000 gallons of water.</td>
<td>Discard at a HHW facility or gas station that recycles oil. Some communities have curbside pick up of motor oil. Drain oil filter and place in plastic bag, take to HHW facility.</td>
<td>Fix car leaks. Place a drip pan under car and collect frequently. Clean grease and oil spills with absorbents such as corn meal, &quot;kitty litter&quot;, or saw dust. Bag used absorbent and dispose in trash.</td>
</tr>
<tr>
<td>Gasoline and other petroleum products.</td>
<td>Toxic to aquatic life even at low concentrations.</td>
<td>Use up old gasoline in lawn mowers, or by adding small amounts to an almost full gas tank, or take to HHW facility.</td>
<td>Buy only the amount you need.</td>
</tr>
<tr>
<td>Antifreeze, brake fluid, and transmission fluid.</td>
<td>Animals are attracted to the sweet taste of antifreeze. Antifreeze, brake and transmission fluids contain metals and other chemicals which are toxic to fish. Metals also accumulate in the food chain.</td>
<td>Take discarded or used fluids to a community recycler or HHW facility. Have your fluids changed at a garage that recycles. When draining antifreeze at home, also collect and recycle the water used for flushing the radiator.</td>
<td>Fix car leaks. Place a drip pan under the car and collect frequently. Clean grease and oil spills with absorbents such as corn meal, &quot;kitty litter&quot;, or saw dust. Bag used absorbent and dispose in trash.</td>
</tr>
<tr>
<td>Automobile batteries and household batteries.</td>
<td>Lead, nickel, cadmium, copper and acid are found in batteries.</td>
<td>Recycle at an auto parts store or a HHW recycling facility. Some Sears, Montgomery Wards, and KMarts stores will take uncracked, used batteries without a new battery exchange.</td>
<td>Trade in old car battery when you buy a new one. Check battery frequently for cracks or leaks. Clean terminals with baking soda. Use rechargeable batteries at home.</td>
</tr>
<tr>
<td>Motorhome waste.</td>
<td>Raw sewage depletes the water of oxygen as it breaks down. Spreads harmful bacteria and viruses.</td>
<td>Discharge in sanitary sewer or dump station at park or recreational vehicle service facility.</td>
<td>Composting toilets are now available for some motorhomes.</td>
</tr>
</tbody>
</table>

1 HHW - Household Hazardous Waste. For location of HHW facilities, see “Telephone Directory, Disposal Options.”

For more information on preventing creek pollution or resolving creek pollution incidents, call **COYOTE CREEK RIPARIAN STATION** at (408) 262-9204.
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PROBLEM</th>
<th>HOW TO DISCARD</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Vehicle washing.</td>
<td>Detergents cause nuisance foam. Phosphates contribute to algae blooms.</td>
<td>If soap is used, use a bucket for the soapy water and empty into a sink or toilet.</td>
<td>Take your vehicle to a commercial car wash. At home, wash over dirt or lawn.</td>
</tr>
<tr>
<td></td>
<td>Even bio-degradable detergents are toxic to plants and wildlife.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOUSEHOLD PRODUCTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paints, thinners, and other</td>
<td>Harmful to wildlife and humans. Accumulates in the food chain.</td>
<td>Air dry small amounts of latex paint in can and discard in trash. Dispose of oil-based paints or large quantities of latex paint at a HHW facility. Clean brushes in an indoor sink.</td>
<td>Use water-based latex paints instead of oil paints. Use sandpaper and muscle to remove old paints rather than strippers.</td>
</tr>
<tr>
<td>solvents.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Detergents.</td>
<td>Prevents oxygen from dissolving in water. Causes algae blooms which depletes oxygen available to aquatic species. Creates foam. Many phosphate-containing detergents also contain arsenic.</td>
<td>If liquid: Dilute and flush down toilet. If solid: Take to a HHW facility.</td>
<td>Use non-phosphate detergents. Even &quot;biodegradable&quot; detergents are stressful to wildlife. (Dispose of biodegradable detergents as directed at left.)</td>
</tr>
<tr>
<td>LANDSCAPE AND GARDEN</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fertilizers.</td>
<td>Add nutrients to water which causes algae blooms.</td>
<td>Discard at HHW facility.</td>
<td>Read instructions on fertilizer labels carefully. Use compost and organic soil amendments, such as bone meal or fish emulsion.</td>
</tr>
<tr>
<td>Soil and yard clippings.</td>
<td>Consumes oxygen as the organic matter breaks down. Smothers bottom dwelling organisms. Covers spawning beds of migratory fish. Yard waste can introduce non-native plant species.</td>
<td>Put into compost pile. Take to landfill that composts yard waste. Some communities have yard waste pickup programs.</td>
<td>If an eroding bank is contributing sediment to the creek, seek the advice of the Soil Conservation Service for other more permanent biological stabilization methods.</td>
</tr>
<tr>
<td>PRODUCT</td>
<td>PROBLEM</td>
<td>HOW TO DISCARD</td>
<td>ALTERNATIVE</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Pet feces.</td>
<td>Adds nutrients which cause algae blooms which depletes dissolved oxygen supply. Contains bacteria and viruses.</td>
<td>Can be discarded in toilet.</td>
<td>Pick up after your pet. Do not let pet wander freely in or near creek.</td>
</tr>
<tr>
<td>Swimming pool, spas, fountains.</td>
<td>Contains chlorine, acids and algaeicides which are toxic to aquatic organisms. Copper-based algaeicides are extremely toxic to organisms.</td>
<td>Check with your local wastewater treatment plant before disposing in sewer-connected drain. DO NOT DRAIN TO CREEK OR STORM DRAIN.</td>
<td>Maintain pools with proper chlorine levels or hire a pool company. Use noncopper-based algaeicides. Investigate ozonation treatments.</td>
</tr>
<tr>
<td>Septic systems.</td>
<td>Leaking or backed-up systems deposit excess nutrients, bacteria and viruses into creek. Look for bright green spots on lawn or septic odor.</td>
<td>Have tank inspected every year and pumped out every 3-5 years. Pump out every other year if you use a garbage disposal.</td>
<td>Avoid cleaning solvents which contain ethylene chloride or 1,1,1-trichloroethane. Don't dump solvents, grease, or chemicals into septic tanks. If hazardous chemicals are put into septic systems, the beneficial digesting bacteria will be killed.</td>
</tr>
<tr>
<td>Copper-based root control products.</td>
<td>Use is illegal in California. Copper accumulates in the tissues of shellfish and bay waterfowl.</td>
<td>Dispose of unused copper-based products at a HHW facility.</td>
<td>Use mechanical root removal or hire a professional.</td>
</tr>
</tbody>
</table>
HELP PROTECT THE CREATURES IN OUR CREEKS:

RIPARIAN WILDLIFE OF SAN MATEO AND SANTA CLARA COUNTIES*

<table>
<thead>
<tr>
<th>REPTILES</th>
<th>MAMMALS</th>
<th>BIRDS</th>
<th>BIRDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western pond turtle</td>
<td>Virginia opossum</td>
<td>Great Blue heron</td>
<td>Violet-green swallow</td>
</tr>
<tr>
<td>Western fence lizard</td>
<td>Western gray squirrel</td>
<td>Great egret</td>
<td>Cliff swallow</td>
</tr>
<tr>
<td>Western skink</td>
<td>Dusky-footed woodrat</td>
<td>Snowy egret</td>
<td>Barn swallow</td>
</tr>
<tr>
<td>Southern alligator lizard</td>
<td>Raccoon</td>
<td>Green-backed heron</td>
<td>Peregrine falcon(^1)</td>
</tr>
<tr>
<td>Pacific ringneck snake</td>
<td>Shrew mole</td>
<td>Wood duck</td>
<td>Bushtit</td>
</tr>
<tr>
<td>Pacific rubber boa</td>
<td>Hoary bat</td>
<td>Cinnamon teal</td>
<td>Brown creeper</td>
</tr>
<tr>
<td>San Francisco garter snake(^1)</td>
<td>Mexican free-tailed bat</td>
<td>Mallard</td>
<td>House wren</td>
</tr>
<tr>
<td>Silvery legless lizard(^4)</td>
<td>California myotis (bat)</td>
<td>Sharp-shinned hawk</td>
<td>Northern mockingbird</td>
</tr>
<tr>
<td>California whiptail</td>
<td>Deer mouse</td>
<td>Cooper’s hawk(^4)</td>
<td>Cedar waxwing</td>
</tr>
<tr>
<td>Pacific gopher snake</td>
<td>Western harvest mouse</td>
<td>Red-shouldered hawk</td>
<td>Yellow warbler</td>
</tr>
<tr>
<td></td>
<td>Brush rabbit</td>
<td>American kestrel</td>
<td>Yellow-rumped warbler</td>
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<tr>
<td></td>
<td>Black-tailed deer</td>
<td>Black-chinned</td>
<td>Wilson’s warbler</td>
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<tr>
<td></td>
<td></td>
<td>hummingbird</td>
<td>Black-headed grosbeak</td>
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<tr>
<td></td>
<td></td>
<td>Anna’s hummingbird</td>
<td>California towhee</td>
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<td></td>
<td></td>
<td>Rufous hummingbird</td>
<td>Song sparrow</td>
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<tr>
<td></td>
<td></td>
<td>Allen’s hummingbird</td>
<td>White-crowned sparrow</td>
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<tr>
<td></td>
<td></td>
<td>Belted kingfish</td>
<td>Dark-eyed junco</td>
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<tr>
<td></td>
<td></td>
<td>Acorn woodpecker</td>
<td>Red-winged blackbird</td>
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<tr>
<td></td>
<td></td>
<td>Nutall’s woodpecker</td>
<td>Tri-colored blackbird(^4)</td>
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<td></td>
<td></td>
<td>Downy woodpecker</td>
<td>Northern oriole</td>
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<td></td>
<td></td>
<td>Northern flicker</td>
<td>Osprey</td>
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<tr>
<td></td>
<td></td>
<td>Pacific-slope flycatcher</td>
<td>American goldfinch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Willow flycatcher(^3)</td>
<td>Black phoebe</td>
</tr>
</tbody>
</table>

1 Federally listed Endangered
2 Federally proposed Endangered
3 State listed Endangered
4 California Species of Special Concern and/or Candidate for Federal Listing

*Not an exhaustive listing
INCIDENT REPORT

Person Reporting: ______________________ Date / Time Called: ______________________
Address: _____________________________ City: ____________ Zip: ____________
Day No: ______________________________ Evening No: ______________________

Description of Incident: (Use back if necessary.)

Location of Incident: (Location name and/or nearest cross street. Draw map if needed.)

Incident Date: ____________ Time: ____________ Duration of Incident: ____________
Weather: ____________ Weeks Since Last Rain ____________ Creek Flow: ____________
Upstream Description: Normal Other __________________________
Downstream Description: Normal Other __________________________

Closest Outfall/Intake Involved: N/A or (Facing downstream): Right bank Left bank
Type of Outfall: Corrugated Metal Pipe Reinforced Concrete Pipe Iron Pipe
Size of Outfall: 12" 18" 36" Greater than 36"
Appearance of water/liquid from outfall:

Visual Observations
Photo Taken Yes No
Odor: None Musty Ammonia Sewage Rotten Eggs Sour Milk Other _______
Color: Clear Red Yellow Brown Green Gray Other ________________________
Clarity: Clear Cloudy Opaque Suspended Solids
Floatables: None Oily Sheen Garbage Sewage Other _______________________
Deposits/Stains: None Sediments Oily Other ____________________________
Vegetation condition: Normal Excessive Growth Inhibited Growth Eroded Hillsides
Structural Condition: Normal Concrete Cracking Metal Corrosion Other: _______
Biological: Mosquito Larvae Algae Foam: Color: _____ % Coverage: _____ Height: ______

Notification and Follow-up:
Person Contacted: _____________________________ Title: ____________
Department: _____________________________ Agency: ____________
Phone No: _____________________________ City/County ____________
Their Action: ____________________________

Date of Return call to Person originally reporting: _______
Sheet Filled Out by: ____________________________