

City of San Clemente Strategic Priorities Workshop



Strategic Priority Requests:

Project Title	Funding Source	Capital/Program Cost
Clean Ocean Fee Renewal	General Fund	No New Costs
Phone System Replacement	TBD	\$250,000
Poche Action Plan	Clean Ocean Fund	See project description for cost breakdown.
Single Use Plastic Bag Ban	Solid Waste Fund	\$15,000
Street Sweeping Program – Parking Restrictions	Clean Ocean Fund	Depends on options selection. See project description for details.



2013 Strategic Priority Request

Submitted By: **COASTAL ADVISORY COMMITTEE**

PROJECT

Project Title:	Clean Ocean Fee Renewal
Department/Division:	Public Works / Engineering
Initial Request Date:	February 19, 2013

FUNDING & COST

Funding Source(s):	General Fund
Capital/Program Cost:	No new costs (see description below)
Maintenance and Operation Cost (Annual)	N/A (see description below)
TOTAL COST	

TIMELINE

Estimated Start Date:	July 2013
Estimated Date of Completion:	December 2013

DESCRIPTION & JUSTIFICATION

The existing Clean Ocean Fee expires December 31, 2007 and must be renewed so that the City can continue funding the Clean Ocean Program. Without Clean Ocean Fee revenue, the City must find alternate funding sources to continue to meet its regulatory obligations. An update on the Clean Ocean Program, including future planned activities to meet regulatory requirements, is more fully detailed in the Clean Ocean Long Term Financial Plan paper prepared for the Council's March 26, 2013 LTFP workshop.

The current approved FY2013 budget includes \$50,000 to conduct the Clean Ocean fee election process per the requirements of Proposition 218. While the election process, if directed by Council, would occur at the start of FY2014, an election consultant would need to be hired before the end of FY2013. The consultant will develop a property owner list, prepare and distribute required notices and ballots, and count ballots. Once formally directed to pursue fee renewal, staff will develop specific Clean Ocean program alternatives, costs and fee rate impacts, along with proposed ballot materials, for City Council review and approval before starting the formal election process.

Although the current budget includes funds for a fee election and staff has prepared a more detailed LTFP paper, the Coastal Advisory Committee wished to express its support for renewal of the Clean Ocean Fee and encourage the City Council to identify this fee renewal as a top priority, and direct staff to pursue renewal of the fee.

STATUS

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2013 Strategic Priority Request

Submitted By: **Brian Brower / Information Technology**

PROJECT

Project Title:	Phone System Replacement – Issue Request For Proposal
Department/Division:	FAS/Information Technology
Initial Request Date:	February 28, 2013

FUNDING & COST

Funding Source(s):	TBD
Capital/Program Cost:	
Maintenance and Operation Cost (Annual)	
TOTAL COST	

TIMELINE

Estimated Start Date:	July 2013
Estimated Date of Completion:	June 2014

DESCRIPTION & JUSTIFICATION

The City proposes to issue a Request For Proposal (RFP) to replace the existing Partner / Centrex telephone system with a modern Voice-over-Internet-Protocol (VoIP) unified communication system.

Much of the equipment utilized by the current phone system was installed in 1994. At nearly 20 years old, this exceeds the typical expected service life of such equipment. Similarly, the system depends upon a network of aged copper cabling that has become problematic at older locations such as City Hall and the Community Center. When replacement parts are needed, only “refurbished” parts are available. With the elimination of the Sr. Comm Tech position, we lack the ability to maintain and repair the system in-house, so we are dependent upon an outside contractor, which may not be readily available during a critical outage. For FY 2013, we project spending \$27,000 on supplies and contractual services related to maintenance and repair of the existing phone system. With a new system, this expense would be greatly reduced or eliminated.

A modern VoIP system can utilize the City's existing computer network infrastructure, rather than traditional telephone equipment, for voice communications, video conferencing and instant messaging. Aging equipment and infrastructure would be replaced with a contemporary solution that can be maintained in-house with current staffing. The solution will improve upon the City's existing phone service, functionality and usability, and will allow staff to better communicate with each other as well as the public. There are several enhancements designed to improve communications and increase productivity, including:

- Desktop-Integrated Dialing
- Unified Messaging
- Voicemail-to-Email Transcription
- Video Conferencing
- Automated Call Forwarding

- Desktop Sharing/Internal Technical Support Functionality.

City IT staff have conducted research in this area, viewing product demonstrations from multiple vendors, surveying comparable agencies that have recently upgraded their phone systems, and conducting an on-site trial of one of the many options that are available in the marketplace. Competing products in this market vary in both cost and functionality. Due to the expense of the project and the impact that it will have on the organization as a whole, it has been determined that the appropriate course of action is to issue an RFP and evaluate the proposals received. Proposals will be evaluated to determine which system would be best suited to the City, and will provide an accurate estimate of the cost of upgrading.

It is important to note that the cost of upgrading would be offset over time by an anticipated reduction in the City's phone bill. The budgeted expense for telephone lines in FY 2014 is \$92,400. Savings have been conservatively estimated at 50%, or \$46,200 per year.

These cost savings are made possible by the elimination of the need to pay a telecommunications provider for a discrete telephone line for each internal number. Conversations that take place internally will utilize the City's computer network, and communications with outside parties will utilize a reduced number of shared phone lines, SIP trunks, or some combination of the two. The reduction in the number of phone lines allows for the monthly savings mentioned above.

Funding for this project may come from multiple sources, including the Reserve Fund (Capital Equipment), Central Services Fund (Communications), and Information Technology Fund.

STATUS

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2013 Strategic Priority Request

Submitted By: **COASTAL ADVISORY COMMITTEE**

PROJECT

Project Title:	Poche Action Plan
Department/Division:	Public Works / Engineering
Initial Request Date:	February 20, 2013

FUNDING & COST

Funding Source(s):	Clean Ocean Fund
Capital/Program Cost:	(see description below)
Maintenance and Operation Cost (Annual)	Unknown at this time
TOTAL COST	

TIMELINE

Estimated Start Date:	FY2014
Estimated Date of Completion:	FY2014

DESCRIPTION & JUSTIFICATION

Background

The City conducted a bacteria source identification study of the Prima Deshecha (M01) watershed which drains to Poche Beach, and found that: 1) when present, birds are a significant contributor to bacteria/water quality exceedances in the ocean; 2) the outlet pond, along with sections of the main channel itself, are sources of bacterial regrowth; and 3) reduction of excess irrigation flows in the watershed continues to be important. To address these findings, in mid-2012 the Coastal Advisory Committee (CAC) considered and concurred with a staff concept State grant proposal/application which requested funding for four elements of a Bacteria Reduction Program including: a) expansion of the City's irrigation and non-stormwater runoff reduction program; b) enhancement of an engineered bioswale within the watershed to reduce nutrient and bacteria loading; c) management of bacteria regrowth in the scour pond; and, d) bird management to reduce bacteria at the beach. Not long staff was informed that the City's concept proposal was not invited to the next stage for a detailed grant application. While staff intends to continuing moving forward as discussed below, the CAC requests that the City Council designate implementation of Poche watershed actions as a strategic priority.

Recent Activities

In September 2012, the City hired a falconer for a short-term test of this strategy for deterring birds from the Poche Beach area. About 5-7 falcons were tethered on a roost and walked throughout beach area (the falcons were not flown due to concern about bird kills and also tracking efforts that would be needed to retrieve the falcons from this shoreline environment). This test found that birds were effectively deterred from the beach when the falcons were present, but not from the surfzone waters. This approach didn't have any observable effect on the surfzone water quality data.

In October 2012 the treatment system was shut down for the wet season, although it is briefly operated about once per week to "exercise" the filter units so that the system can be quickly placed back into service by the 2013 dry season in late spring.

In January, county staff coordinated a south county water quality coordination meeting with specific emphasis on bacteria/water quality issues at Poche and San Juan Creek. Attendees included staff from OC Watersheds, OC Parks, OC Waste & Recycling (Prima Deshecha landfill), and the cities of San Clemente, San Juan Capistrano, Dana Point, Laguna Niguel and Mission Viejo. Recent and planned activities by each agency were discussed with a goal to better synchronize efforts. For example, during this meeting OC Parks noted its upcoming effort to test an ultrasonic bird deterrent system at Poche Beach, and the Prima Deshecha landfill announced that it has resumed use of a falconer to prevent gulls from feeding on exposed garbage at the landfill. These efforts are expected to help break the “commute pattern” that gulls follow between Poche Beach, the landfill and San Juan Creek based on detailed observations by County staff (see attached map graphic). County staff also provided information to show that the Poche treatment system operated very well during the entire 2012 dry season and consistently reduced runoff bacteria levels to below AB411 limits. The system is now consistently treating urban runoff flows from the M01 watershed, thus urban runoff is no longer contributing bacteria to the Poche pond or nearshore area. With the treatment system now operating effectively, the participants agreed that further outlet management and/or bird deterrent measures will be needed to realize improved water quality at Poche Beach.

In February, the Coastal Commission approved an amendment to the permit for the Poche treatment system, which makes permanent its previous temporary approval to discharge cleaned runoff at the end of the existing wooden bulkhead (instead of into the upstream end of the outlet pond which the Commission had originally required). This, coupled with planned efforts by OC Parks to shape the outlet berm in a way that prevents commingling of treated runoff discharge and outlet pond discharge, will help prevent re-contamination of the treated runoff. OC Parks is continuing to monitor the outlet pond/berm and channel it as needed to ensure that the catwalk access remains passable.

Next Steps

In light of the news that the City’s recent grant concept proposal was not accepted for further consideration, staff is preparing to move forward on a range of activities consistent with the action plan that has been discussed by the CAC and shared with Council. As part of the FY14 budget process, staff has prepared a Capital Improvement Program (CIP) project sheet to allocate funding from the Clean Ocean Fund to support the following activities:

- Improving the bioswale through the Shorecliffs Golf Course. Although the treatment system is effectively removing bacteria from urban runoff from the M01 watershed, this “end-of-pipe” approach was always intended to be an interim measure to provide time to develop and implement upstream measures for bacteria reduction, was were recognized as a significant challenge given the ubiquitous nature of the bacteria urban runoff and pollution sources. There is an existing low flow channel which diverts runoff through the Shorecliffs Golf Course (this feature was required by the Resource Agencies as a condition for construction of the underground drainage channel through the Shorecliffs Golf Course). From the the M01 source identification study, the low flow channel isn’t contributing to improvement of runoff water quality. However, further improvements to the low flow channel are expected to help reduce bacteria and other pollutants, therefore this effort is to first develop the design of the improvements for a more state-of-the-art natural low flow system, and then construct the project in the subsequent year. The total project cost for this improvement is estimated at about \$420k.
- Seasonal elimination of the Poche outlet pond. The outlet pond itself attracts birds and is a source of bacteria re-growth. An overall plan to improve ocean water quality grades at Poche must address the existing outlet pond. A potential strategy is to eliminate the pond, at least seasonally during the dry season and peak use by the public. This will involve some combination of ensuring that treated runoff does not enter the pond area (either via discharge to the ocean or potential discharge or elsewhere), shaping the outlet pond berm to reduce or prevent wave runoff or high tides from filling the pond, and/or re-shaping the beach to completely fill the pond during summer months. A first step will be to research and identify regulatory requirement and opportunities/constraints for these various approaches to determine the likelihood of implementation. For example, now that discharge of runoff is permitted

at the end of the existing bulkhead, the potential for permitting a more direct ocean discharge (to ensure pond bypass) will be investigated. If that approach becomes problematic, another potential to consider directing treated runoff into the nearby "land outfall" pipe will be further researched (the land outfall pipe carries treated wastewater from the City's Water Reclamation Plant to the SOCWA regional ocean discharge pipe off the coast of Dana Point. Initial efforts will involve staff time for research. The estimated cost to develop conceptual designs for a seasonal pond fill or diversion system to the land outfall is about \$60k.

- Bird deterrent measures. Ongoing bird deterrent measures may be needed at Poche if efforts to reduce/eliminate the pond are not feasible. For now, the effectiveness of OC Parks and prima Deshecha efforts will be monitored. Depending on the results of these efforts and outlet pond measures, other bird deterrent measures may be considered.

It is still important for the City to continue efforts to encourage and facilitate reductions in excess urban runoff from excess irrigation flows. To this end, the City will continue to promote the use of smart irrigation controllers and more efficient irrigation systems as well as conversions of landscaping to more native treatments that use less water.

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Map of Local Gull Flight Routes



©2010 Google

Eye alt: 41442 ft

Image © 2012 DigitalGlobe
© 2012 Google
Data CSUMB SFML, CA OPC
lat: 33.461893; lon: -117.621188; elev: 512 ft

Imagery Date: 3/7/2011



2013 Strategic Priority Request

Submitted By: COASTAL ADVISORY COMMITTEE

PROJECT

Project Title:	Single-Use Plastic Bag Ban
Department/Division:	Public Works / Engineering
Initial Request Date:	February 19, 2013

FUNDING & COST

Funding Source(s):	Solid Waste Fund
Capital/Program Cost:	\$15,000
Maintenance and Operation Cost (Annual)	None
TOTAL COST	

TIMELINE

Estimated Start Date:	FY2014
Estimated Date of Completion:	FY2014

DESCRIPTION & JUSTIFICATION

Background

In early 2009, the Coastal Advisory Committee (CAC) began consideration on a potential ban on the use of single-use plastic bags. Soon after the CAC began its discussions a court decision invalidated a similar ban in the City of Manhattan Beach, thus the CAC placed further consideration of a local plastic bag ban on hold. In mid-2010, State legislation (AB 1998) was introduced that would have banned single-use plastic bags statewide, so the CAC recommended tracking that legislation and only pursuing a local ban if AB 1998 didn't pass. The City Council submitted a letter in support of AB 1998. However, AB 1998 eventually failed to pass and become law, so the CAC recommended a strategic priority for Council consideration to pursue a local plastic bag ban. During the City Council's February 2011 Strategic Priority workshop, the proposed plastic bag ban did not receive any votes. At the December 6, 2011 City Council meeting, the CAC recommended that the City Council direct staff to finalize the draft ordinance prepared in 2009 to ban single use plastic bags, and have staff present the final proposed ordinance for CAC and Council consideration. The City Council postponed consideration of a potential plastic bag ban until the February 2012 Strategic Priority workshop. At that 2012 workshop, the potential plastic bag ban received one vote and thus did not become a strategic priority. A recent staff memo to the CAC and CAC memo to Council (attached) provides additional detail.

The CAC continues to believe that San Clemente should prohibit single-use plastic bags and respectfully requests that the City Council re-consider this issue and identify it as a strategic priority. The CAC requests the opportunity to provide a 10-15 minute presentation at the March 13 Strategic Priority Workshop to explain why the City should implement a single-use plastic bag ban. Alternatively, the CAC requests this issue to be agendaized at a regular meeting of the City Council. The following summarizes and updates information that has been provided to the Council in previous strategic priority requests.

Legislation

As noted above, AB 1998 would have banned single-use plastic bags statewide, but that bill failed to pass in 2010. A subsequent legislative effort also failed to pass. Another legislative effort to ban single-use plastic bags statewide recently began with the introduction of two bills in the current California legislative session:

AB 158 (Levine) and SB 405 (Padilla). Both bills are pending upcoming review in the Assembly Committee on Natural Resources and Senate Environmental Quality Committee. As for local efforts, per the list by Californians Against Waste (available at www.cawrecycles.org/issues/plastic_campaign/plastic_bags/local), 65 cities and counties in California have adopted plastic bag bans (note that not all ordinances have gone into effect yet as some will do so within the next few months). Using this list and 2010 US Census data, the CAC compiled the attached spreadsheet to show the number of people who are (or will soon be) living in jurisdictions that have prohibited single-use plastic bags.

Litigation

Save the Plastic Bag Coalition (STPBC, <http://savetheplasticbag.com/>) an organization backed by plastic bag manufacturers, has filed lawsuits challenging local plastic bag bans. The basis of these suits centers on the notion that plastic bag bans encourage the use of paper bags, which some evidence suggests is worse for the environment than plastic on a life-cycle basis. The lawsuits thus claim that consideration of a plastic bag ban requires preparation of an EIR under CEQA. The State Supreme Court eventually affirmed the City of Manhattan Beach's decision to not pursue an EIR. Since then, local agencies have been more successful against challenges by the STPBC as other courts have ruled against the STPBC lawsuits, including Marin, San Francisco and San Luis Obispo Superior Courts. The Los Angeles Superior Court similarly ruled against Hilex Poly (the industry leading manufacturer of plastic bags), and determined that a fee placed on paper bags is not a special tax and therefore not invalid per the requirements of Proposition 26. A paper bag fee is a key component of plastic bag bans, because along with the prohibition on plastic bags, the fee discourages the use of paper bags which reduces that potential adverse environmental impact also.

Plastic Bag Pollution

The Californians Against Waste website provides a list of resources to document plastic bag and debris pollution (http://www.cawrecycles.org/issues/plastic_campaign/plastic_bags/problem). Locally, the City's street sweeping contractor reports that each driver picks up 8 to 10 bags per day. Since the City sweeps public streets 5 days per week, that equates to about 4,600 plastic bags captured by the street sweepers (average value of 9 bags per truck X 2 trucks X 5 days per week = 90 bags per week X 51 weeks per year = 4,590 – note no sweeping during holiday furlough week). Plastic bags are also routinely found in the City's storm drain inlets. The City's utility crew reports finding 6 to 8 plastic bags in each storm drain catch basin when these are cleaned. The City has about 2,200 catch basins which are cleaned at least annually, therefore this results in about 15,400 bags per year (average value of 7 bags per catch basin X 2,200 = 15,400) removed from storm drain catch basins. The City also has several underground storm drain treatment units to capture trash and debris. However, due to the nature of how captured debris is stored in these units and how they are maintained with a vacuum truck, direct observation of bags in these units is difficult. Based on experience maintaining catch basins, it is assumed that plastic bags are also captured in the underground treatment units. Between the City's street sweeping and storm drain system maintenance efforts, at least 20,000 plastic bags are removed from the City's street/storm drain system each year.

Single-Use Plastic Bag Ban Implementation

If the City Council identifies a plastic bag ban as a strategic priority, the next step for implementing a local ban would be to prepare a proposed ordinance which prohibits single-use plastic bags and requires a fee on paper bags (to be collected by the retailer, not the City). As for CEQA clearance, based on the results of recent legal challenges, staff does not believe that a full EIR is required. At most, an Initial Study/Negative Declaration might be needed. The cost to prepare a Negative Declaration is estimated at around \$15,000 (includes staff and attorney time plus certain filing fees). To help reduce staff time and cost, a CAC member has offered to help draft the Negative Declaration. Given the recent court cases, the City may possibly make a finding that a proposed plastic bag ban is not subject to CEQA based on a categorical exemption. If so this could be accomplished relatively quickly by staff.

STATUS

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6.B.

Memorandum Engineering Division

December 13, 2012

To: Coastal Advisory Committee (CAC)
From: Tom Bonigut, Assistant City Engineer
Subject: **Review of Past Efforts Related to a Potential Ban on Single-Use Plastic Bags**

At its November meeting, the CAC agreed to agendize a discussion of a potential plastic bag ban to consider what actions the CAC may wish to recommend to the City Council on this issue. At the CAC's request, this memo summarizes past efforts regarding a potential local ban of single-use plastic bags.

The potential single-use plastic bag ban has been discussed and considered several times in recent years. In February 2009, the CAC began consideration of a potential plastic bag ban with a presentation by Captain Charles Moore, founder of the Algalita Marine Research Foundation, on his research of trash and debris in the Pacific Ocean. Staff created a video of that presentation which used to air on Cox Cable Channel 30. Staff is attempting to locate that video and if successful will provide it to any interested CAC members. Following Captain Moore's presentation, the CAC started discussion and deliberation on a proposed City Ordinance to prohibit distribution of single-use plastic bags at point-of-sale businesses and retail food facilities within the City (refer to Attachment 1 for staff report).

Soon after the CAC began its discussions a court decision invalidated a similar plastic bag ban in the City of Manhattan Beach, because the Court ruled that the City should have prepared an Environmental Impact Report (EIR) under the California Environmental Quality Act (CEQA) to evaluate the ban before the ordinance was adopted. In light of this the City Council, at its June 2, 2009 meeting, directed staff to hold off on pursuing a local plastic bag ban (refer to Attachment 2 for staff report). On July 21, 2012, the City Council authorized a \$2,500 contribution to Green Cities California (a collaborative of various cities and counties), which was developing a Master Environmental Assessment (MEA) on single-use and reusable bags that could be used by agencies to help prepare

environmental documentation for consideration of proposed plastic bag bans (refer to Attachment 3 for staff report).

By mid-2010 Green Cities completed its MEA document. Also at that time, State legislation (AB 1998) was introduced that would have banned single-use plastic bags statewide, so the CAC recommended tracking that legislation and only pursuing a local ban if AB 1998 didn't pass (refer to Attachment 4 for staff report). The City Council submitted a letter in support of AB 1998, alongside stakeholders such as the California Grocers Association, other local governments and environmental organizations. However, AB 1998 eventually failed to pass and become law, so in February 2011 the CAC recommended a strategic priority for City Council consideration to pursue a local plastic bag ban. During the City Council's February 2011 Strategic Priority workshop, the proposed plastic bag ban strategy priority (refer to Attachment 5) did not receive any votes.

In October 2011, the CAC resumed discussion of a potential plastic bag ban (refer to Attachment 6). At its December 6, 2011 meeting, staff and the CAC requested City Council direction to proceed with a plastic bag ban (refer to Attachment 7 for staff report), however Council decided to consider the request at its February 2012 Strategic Priority workshop. At that workshop on February 15, 2012, the City Council considered this issue (refer to Attachment 8 summary) but it again wasn't included in the City Council's list of priority projects.

As for legislative efforts, another bill (AB 298) to ban single-use plastic bags was introduced in the 2011-2012 State legislative session, but it was held in committee and never approved. Staff is not aware of any current statewide legislation to ban plastic bags. That said, California cities and counties are continuing to enact local bans on single-use plastic bags as it appears that they have been successful in prevailing over lawsuits from the Save the Plastic Bag Coalition (a group of plastic bag manufacturers and distributors), which has been suing municipalities that enact plastic bag bans. Some municipalities have decided to conduct EIRs, while others have conducted Negative Declarations or even used Categorical Exemptions. The Californians Against Waste organization provides a list of agencies with local plastic bag bans and the CEQA strategies used, along with other related information. Their website is:

http://www.cawrecycles.org/issues/plastic_campaign/plastic_bags

The Save the Plastics Bag Coalition has its own website at:

<http://savetheplasticbag.com/>



Memorandum Coastal Advisory Committee

February 10, 2012

To: City Council
George Scarborough, City Manager
From: Coastal Advisory Committee
Subject: Support for Single-Use Plastic Bag Ban Strategic Priority
Copies: Tom Bonigut, Assistant City Engineer

Over the last several years, the Coastal Advisory Committee (CAC), with assistance from Staff, has discussed and evaluated the feasibility of banning the distribution of Single-Use Plastic Bags at the point of sale for all businesses within the City. The goal is to reduce this source of pollution which is prevalent within the City's canyons and along the state's beaches and ocean waters. The CAC considers this legislation critical to the protection of San Clemente's coastline and consistent with the City's role as steward of the ocean environment. In June 2010, the City Council shared this sentiment when it sent letters to the State Assembly and Senate in support of AB 1998, The Single Use Bag Reduction Act.

Previous litigation and the possibility of burdensome California Environmental Quality Act (CEQA) requirements caused the City to place its efforts on hold. However, at its October 2011 meeting, the CAC was presented with recent court decisions which lead the CAC to believe that the risk of legal exposure may be minimal. In light of this information, the CAC showed unanimous support to move forward and recommended that staff draft an ordinance banning the distribution of Single-Use Plastic Bags and evaluate the cost and logistics of passing such legislation.

At the December 6, 2011 City Council meeting, Staff requested City Council direction on whether or not to proceed with a Single-Use Plastic Bag Ban. While Council's feedback was positive, it was not willing to commit the City's resources toward the recommended measures. Council instead opted to re-evaluate these items as part of its Strategic Planning scheduled for February, 2012. The CAC commends Council's willingness to reconsider. To encourage the Council to move forward, the CAC respectfully presents the following supporting information:

- Several recent studies have shown that up to 90% of marine debris is made out of plastic, with plastic bags making up a significant portion of this statistic. An

estimated 100,000 marine mammals and 1 million sea birds perish every year due to ingestion of or being caught in marine debris.

- Plastics do not decompose into natural materials. Instead they break up into smaller pieces. Studies have documented that many marine species ingest plastics.
- Californians alone use up to 19 million Single-Use Plastic Bags annually and the state spends about \$25 million a year to dispose of discarded plastic bags at landfills. In Los Angeles County, over 90% of discarded plastic bags ended up at landfills.
- Single-Use Plastic Bags are difficult to recycle. Indeed, the recycling rate for plastic bags is less than 5% in California. This is consistent with recycling statistics across the country. In 2010, the Environmental Protection Agency estimated of the 690,000 tons of plastic bags, wraps and sacks generated in the United States, only 4.3% of this amount was recycled.
- In a one-year period (between April 2008 and April 2009) the San Clemente Watershed Task Force Adopt-A-Beach cleanup program collected over 35,000 pieces of plastic (including plastic bags) from City beaches.
- Reusable Bags are a viable option for consumers. Reusable Bags are relatively cheap, lightweight, durable, washable and can carry three to four times that of a Single-Use Plastic Bag.
- Despite the recent failure of the proposed statewide ban on Single-Use Plastic Bags and threats of litigation, nearby cities such as Malibu, Santa Monica, and Manhattan Beach have passed local legislation enforcing a ban. The City of Huntington Beach is currently pursuing a plastic bag ban.
- On February 7, the cities of Dana Point and Laguna Beach approved ordinances to prohibit single use plastic bags.
- The City of Manhattan Beach recently won its appeal to a lawsuit filed by the "Save the Plastic Bag Coalition". This sets a favorable precedent for cities considering their own legislation.
- The Marin County Superior Court allowed the County of Marin to rely on a Categorical Exemption for its environmental documentation. Some cities and local agencies are considering a Negative Declaration in lieu of an Environmental Impact Report for their CEQA documentation.

- The San Clemente Watershed Task Force, San Clemente Green, and the Surfrider Foundation have shown strong support for a ban on Single-Use Plastic Bags. Also, the majority of the public that has attended Coastal Advisory Committee meetings has been in support of a plastic bag ban.
- Grocers, who are the most affected retail stakeholders, do not object to a plastic bag ban. The California Grocers Association recently weighed in on a proposed plastic bag ban in Dana Point: "Our industry is very comfortable with a plastic-bag ban, but we feel like it is unfair to just regulate one entity. Thus, we encourage the city of Dana Point to enact not just a ban on plastic but a mandated charge for paper bags across all retailers. ... A plastic bag costs 1 cent per bag, while a paper bag costs 5 cents to 15 cents a bag – a huge cost increase for retailers. ... However, with dozens of jurisdictions following models of a ban on plastic and charge for paper, we found that the charge really incentivized customers to bring in reusable bags. ... We recommend a charge on paper anywhere from 5 cents to 15 cents, with 10 cents being the norm."

The City of San Clemente has long been a leader in ocean environmentalism and has been steadfast in the protection of its coastline. Previous note-worthy legislation banning beach smoking and polystyrene demonstrates the City's commitment to preserving this most precious resource. Banning the distribution of Single-Use Plastic Bags is just as critical. Given the statistics outlined above, strong public and retail industry support, and favorable legal precedents, the CAC strongly recommends that the City commit resources to pursue a ban on Single-Use Plastic Bags. Time has come to once again show leadership. The CAC encourages the City Council to ban Single-Use Plastic Bags.

**Single-use Plastic Bag Bans in
Counties and Cities**

	Population *
Alameda	74,744
Alameda County **	143,266
Albany	18,786
Arroyo Grande	17,407
Atascadero	28,560
Belmont	26,147
Berkeley	113,905
Calabasas	23,227
Capitola	9,992
Carmel-by-the-Sea	3,787
Carpinteria	13,135
Colma	1,815
Daly City	102,362
Dana Point	33,858
Dublin	46,572
Emeryville	10,214
Fairfax	7,520
Fort Bragg	7,250
Foster City	30,943
Fremont	216,916
Glendale	193,111
Grover Beach	13,275
Hayward	146,069
Laguna Beach	23,069
Livermore	82,039
Long Beach	465,576
Los Angeles	3,819,702
Los Angeles County **	1,095,592
Malibu	12,736
Manhattan Beach	35,391
Marin County	69,826
Mendocino County **	64,044
Menlo Park	32,412
Millbrae	21,793
Monterey	28,246
Morro Bay	10,327
Mountain View	75,235
Newark	43,139
Oakland	395,817
Ojai	7,537
Pacifica	37,691
Palo Alto	65,412
Pasadena	138,101
Paso Robles	30,065
Piedmont	10,809
Pismo Beach	7,726
Pleasanton	71,215
Portola Valley	4,406
San Bruno	41,616
San Francisco	812,826

San Jose	967,487
San Leandro	86,071
San Luis Obispo	45,525
San Luis Obispo County **	116,716
San Mateo County **	61,222
Santa Clara County **	89,960
Santa Cruz	60,342
Santa Cruz County **	129,807
Santa Monica	90,377
Solana Beach	13,060
South San Francisco	64,409
Sunnyvale	142,287
Ukiah	16,023
Union City	70,436
Watsonville	51,586
West Hollywood	34,650
Californians living without single-use plastic bags	10,825,167
California population *	38,041,430
Percentage of population	28.46%

* Population source: 2010 Census

** Unincorporated areas only



2013 Strategic Priority Request

Submitted By: **COASTAL ADVISORY COMMITTEE**

PROJECT

Project Title:	Street Sweeping Program – Parking Restrictions
Department/Division:	Public Works / Engineering
Initial Request Date:	February 19, 2013

FUNDING & COST

Funding Source(s):	Clean Ocean Fund
Capital/Program Cost:	Depends on options selected (see description below)
Maintenance and Operation Cost (Annual)	Unknown at this time
TOTAL COST	

TIMELINE

Estimated Start Date:	FY2014
Estimated Date of Completion:	FY2014

DESCRIPTION & JUSTIFICATION

Background

At its February 2012 Strategic Priorities meeting, the City Council considered a request from the Coastal Advisory Committee (CAC) to direct staff to coordinate with the City's street sweeping contractor to develop a proposed plan for posting street sweeping parking restrictions on all public residential streets in the City, and to identify associated program impacts and costs. In addition, at the Council's request, the following information was also provided for the Strategic Priorities meeting: 1) signage and notification options; 2) street sweeping parking restriction approaches in other coastal cities; and 3) estimated cost and time needed to develop a recommended plan for citywide street sweeping restrictions. An informal street sweeping study conducted in 2009 was also transmitted to the City Council.

Council considered the CAC's request at the 2012 Strategic Priorities meeting, but this issue did not receive any votes. The CAC notes that street sweeping is an important and visible component of the Clean Ocean Program as well as an effective Best Management Practice (BMP) for preventing pollutants from entering the storm drain and reaching the shoreline. The CAC continues to believe that expansion of street sweeping parking restrictions is appropriate to: 1) increase program effectiveness; 2) maintain credibility; and 3) provide uniformity and equity throughout the City. Therefore, the CAC again respectfully requests that the City Council consider this request and identify street sweeping changes parking restrictions as a Strategic Priority. Following is the information on several options and other background information that was provided last year. In addition, the following additional materials are attached to this request: 1) February 2012 CAC memo to the City Council; 2) 2009 informal street sweeping study; and 3) Residential street sweeping map with sweeping route numbers/areas.

Signage/Notification Options

Three options to evaluate the effectiveness of two signage/notification options and additional parking restrictions are summarized below.

1. Informational Street Sweeping Sign Program

This option would consist of installing “informational” street sweeping signs to remind people of the street sweeping date and time. These signs would be strictly informational and similar to those used in portions of Dana Point, and any vehicles parked during the street sweeper run would not be ticketed. The new signs would be installed at the beginning and end of each block. Staff suggests installing 60 signs in the Route #1 area which is located in the Broadmoor Tract. The cost of the signs and installation is approximately \$8,000. Data would be collected over several sweeping cycles to note the amount of debris collected and number of cars parked. The results could then be compared to the data previously collected to gauge strategy effectiveness.

2. Informational Street Sweeping Electronic Voice/Email Notification

This option would include the solicitation of electronic voice/email notification to the residents in portions of Route #4 area which is located north of City Hall. An aggressive campaign to have residents sign up for the City’s electronic voice/email notification program would be implemented to try and maximize the number of street sweeping reminder subscriptions in this area. The results could then be also compared with the data previously collected to gauge if this strategy is effective in removing parked cars during street sweeping. The cost for this program is directly related to staff time to canvas the area. The estimate is \$3,500.

3. Posted No Parking for Street Sweeping

This option consists of expanding the parking restriction area. The target area is Route #11 which is located from El Camino Real toward the beach, bordered by Trafalgar Lane and Avenida Princessa. Streets in this area would be posted with no parking signs for specific days and times, and vehicles left on the street during posted times would be ticketed. The cost to install about 234 signs is approximately \$32,000. The cost for the additional sweeping would be approximately \$5,800 per year, and the accompanying additional enforcement cost would be about \$4,200 per year, for a total cost of \$42,000 for this option. After the initial installation is completed and after a specified grace period for the residents to get accustomed to the parking restrictions, new data could be collected to gauge the effectiveness of the additional parking restriction.

Coastal Cities – Street Sweeping Parking Restrictions

In Orange County two of the six coastal cities (Seal Beach and Huntington Beach) have citywide parking restrictions for street sweeping, while the other four (San Clemente, Dana Point, Laguna Beach, and Newport Beach) have street sweeping parking restrictions for selected areas only and not citywide. In San Diego County, only one of the nine coastal cities (Oceanside) has citywide street sweeping parking restrictions. The others have either have either partial or no street sweeping parking restrictions.

Plan for Posting All City Public Streets

The City’s sweeping contractor estimates that it would take between 3 and 6 months to develop a recommended street sweeping program that includes parking restrictions on all public residential City streets. During this time sweeping route alternatives would be developed and tested to ensure that they could be completed and to identify the most efficient new proposed sweeping program. Associated program costs would also be developed, including a comparison of program costs with expected parking fine revenue. The cost to develop a new street sweeping program is estimated at up to \$25,000.

STATUS

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Memorandum Coastal Advisory Committee

February 10, 2012

To: City Council
George Scarborough, City Manager
From: Coastal Advisory Committee
Subject: Support for Street Sweeping Parking Restrictions Strategic Priority
Copies: Tom Bonigut, Assistant City Engineer

Street sweeping is an important component of the City's Clean Ocean Program and is an essential Best Management Practice to minimize the amount of trash and debris polluting our local beaches. The State Water Quality Regional Control Board requires that all municipalities develop and implement an effective street sweeping program.

Overall, the City has achieved that. The City's proactive approach to educating residents about the importance of street sweeping as well as providing information on street sweeping routes and schedules has yielded positive results. In 2010, a monthly average of 235 cubic yards of trash and debris was collected. These results however can be much improved. The Coastal Advisory Committee (CAC) concluded that a recent study conducted by Staff and the City's street sweeping contractor shows a correlation between postings and removal of cars during street sweeping days. At present only streets within the Neighborhood Pride areas of the City have posted parking restrictions on designated street sweeping days. Most City streets are not posted, resulting in a significant number of vehicles impeding the street sweeper. At its October 2011 meeting, the Coastal Advisory Committee (CAC) showed unanimous support for enforcing City-wide parking restrictions for street sweeping and recommended that staff evaluate the cost and logistics of passing such legislation.

At the December 6, 2011 City Council meeting, Staff requested City Council direction on whether or not to proceed with developing a proposed plan to post all public City streets with parking restrictions for street sweeping. While Council's feedback was positive, it was not willing to commit the City's resources toward the recommended measures. Council instead opted to re-evaluate the recommended parking restrictions as part of its Strategic Planning scheduled for February, 2012. The CAC commends Council's willingness to reconsider and presents the following information with the goal of encouraging Council to move forward with the recommended measures.

- The street sweeping program's effectiveness would improve due to better access to street curbs and gutters. From the study, the CAC concluded a direct correlation between blocked access and a reduced amount of trash and debris collected. Indeed, over a six-week observation period it was found that greater than 8100 vehicles were identified as impeding the street sweeper's ability to sweep the curb and gutter; and, that only 186 cubic yards of trash and debris was collected. This represents a 20% decrease from the 2010 monthly average of 235 cubic yards. Projected over the entire year, this could entail almost 600 cubic yards of trash and debris left uncollected and free to drain into our coastline.
- The credibility of the City's Clean Ocean Program of which street sweeping is a key component may be questioned. Property owners voluntarily assessed themselves with a monthly fee to support the Clean Ocean Program. And, when property owners observe street sweepers having limited access to curbs and gutters, leaving trash and debris uncollected, they would expectedly question the effectiveness of the street sweeping program and therefore question whether the Clean Ocean funds are being used efficiently.
- A secondary but important issue to be considered is whether posting only the Neighborhood Pride area and citing its residents exposes the City to litigation based on selective enforcement. City-wide posting would minimize the potential for litigation.
- Council questioned whether leaves and other organic debris on streets pose an environmental concern. In response to an inquiry, San Diego Regional Water Quality staff stated that green waste is a priority pollutant and needs to be picked up just like paper and other debris to ensure a clean ocean. Also, green waste is listed as a pollutant in the current NPDES stormwater permit.

The City of San Clemente has long been committed to implementing practices and policies which help protect and enhance its coastline. Ensuring the effectiveness of the City's street sweeping program is no different. Given the information outlined above, the CAC strongly recommends that the City commit resources to evaluate the cost and logistics of installing signage and enforcing parking restrictions for street sweeping.



September 14, 2009

David Dendel
Maintenance Services Manager
City of San Clemente
390 Avenida Pico
San Clemente, CA 92672

RE: Street Sweeping Data Collection

Dear Mr. Dendel;

Per the task order approved on June 25, 2009 Cannon Pacific Services submits the following report for your review and use. Please let us know if there are any questions.

Sincerely,

Lee Miller
President and C.E.O.

SUMMARY

In an effort to quantify the amount and type of debris collected within the City limits of San Clemente through the street sweeping program, the City engaged Cannon Pacific Services, Inc. to collect as much data as possible pertinent to the street sweeping program.

Cannon was directed to collect the type, quantity and composition of debris as well as the number of parked vehicles over three complete sweeping cycles and to detail this data in a file suitable for sorting, compiling and evaluating the data. A complete sweeping cycle is defined as a two-week period.

The dates of the three cycles were as follows:

Cycle 1: July 1, 2009- July 10, 2009

Cycle 2: July 13, 2009 – July 24, 2009

Cycle 3: July 27, 2009 – August 14, 2009

During the collection of information, a second employee was assigned to each of the two street sweeping vehicles and instructed to record all data and report it back at the end of each week to our office where the data was input into an excel spreadsheet which is provided herein as "Exhibit A". A summary of staff time is provided below:

- A total of 80 hours per cycle per each of the two sweeper trucks for 3 consecutive cycles was required to complete the task; a total of 480 man hours.
- 8 hours of overtime per each of the two drivers throughout the entire six week period for a total of 16 hours of overtime.
- 22 administrative hours for data input, tabulation and summary.

There are a few unique situations to consider when reviewing the reports:

1. Due to operational challenges, the data was incomplete on route #12 cycles 1 and 3 and as such no data was entered. By not entering false data, the report maintains accuracy with the information entered in cycle 2.
2. Routes #13 and #14 are the same streets and as such, all data is recorded under route #13.
3. Route #8 is a once per month route and the way the schedule fell compared to the data cycles, route #8 was only swept once and the data is recorded accurately under route #8, cycle 1.

TASK 1: DEBRIS

The objective was to track and record the estimated volume (yards), weight (tons) and composition of debris collected by route number for the two separate sweeping trucks operating in the City. Then Cannon was to record the data collected by route number, date and time and provide electronic file to the City for its use in sorting by any category necessary. The volume of debris collected was approximately 186 cubic yards and 180 tons over the three cycles. Greater detail

is provided in the electronic excel file where it can be sorted by route, date, street or volume of debris.

In summary, the **greatest volume of debris in cubic yards** was collected by order of magnitude as listed below with the routes containing the greatest amount of debris listed first and the least listed last:

1. Route 1
2. Route 10
3. Route 2
4. Route 16
5. Route 3
6. Route 9
7. Route 5
8. Route 4
9. Route 6
10. Route 13
11. Route 7
12. Route 11
13. Route 12
14. Route 15
15. Route 8

In summary, the **greatest weight of debris in gross tons** was collected by order of magnitude as listed below with the routes containing the greatest amount of debris listed first and the least listed last:

1. Route 1
2. Route 10
3. Route 5
4. Route 3
5. Route 13
6. Route 4
7. Route 5
8. Route 7
9. Route 16
10. Route 11
11. Route 2
12. Route 11
13. Route 8
14. Route 12
15. Route 15

TASK 2: OMITTED FROM SCOPE OF WORK

TASK 3: PARKED VEHICLES

The number of parked vehicles was recorded per street, per day. In total 8,155 cars over the three cycles were identified as impeding the street sweeper's ability to effectively clean the curb and gutter. Greater detail is provided in the electronic excel file where it can be sorted by street, route number, by date or by number of cars to more clearly see where street posting might be effective.

In summary, the routes with the **most parked vehicles** are listed below by order of magnitude with the most cars listed first and the least cars listed last:

1. Route 11
2. Route 1
3. Route 3
4. Route 9
5. Route 5
6. Route 6
7. Route 13
8. Route 10
9. Route 2
10. Route 12
11. Route 4
12. Route 7
13. Route 16
14. Route 8
15. Route 15

Throughout the data collection process it became evident to us as service providers that the posted street sweeping route is very effective. Incentivizing residents to relocate automobiles during street sweeping results in the least amount of impediments during the sweeping process. Additionally, more frequent street sweeping results in a greater amount of debris collected at the street level, thus eliminating it from the storm water conveyance system.

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009**

Route	Parked Vehicles			Debris Weight (Tons)			Debris Volume (Cubic Yards)					
	Cycle 1	Cycle 2	Cycle 3	Total	Cycle 1	Cycle 2	Cycle 3	Total	Cycle 1	Cycle 2	Cycle 3	Total
1	234	320	451	1005	9.00	4.50	12.50	26.00	7.80	3.90	10.55	22.25
2	154	135	116	405	4.25	5.75	7.50	17.50	3.75		6.50	10.25
3	457	66	366	889	2.25	3.75	8.75	14.75	3.00	3.25	9.25	15.50
4	171	41	72	284	6.50	4.50	2.00	13.00	5.25	3.90	4.50	13.65
5	485	17	440	942	4.50	4.50	4.50	13.50	3.90	6.90	2.90	13.70
6	189	198	206	593	3.75	3.80	4.00	11.55	3.25	5.25	7.25	15.75
7	89	63	76	228	4.50	2.25	3.50	10.25	3.90	2.25	6.10	12.25
8	68	-	-	68	4.50	-	-	4.50	3.90	-	-	3.90
9	292	326	258	876	4.80	5.25	4.50	14.55	3.75	3.25	4.00	11.00
10	367	253	140	760	8.75	5.80	3.00	17.55	6.25	6.25	6.25	18.75
11	388	414	401	1203	2.25	3.00	2.50	7.75	4.00	2.60	3.30	9.90
12	-	390	-	390	-	4.50	-	4.50	-	3.90	-	3.90
13	146	198	250	594	3.50	3.75	4.25	11.50	4.75	4.80	5.00	14.55
15	61	-	-	61	5.25	-	-	5.25	3.75	-	-	3.75
16	47	89	49	185	5.00	4.50	5.25	14.75	3.00	3.90	4.50	11.40
TOTALS	3148	2510	2825	8483	68.80	55.85	62.25	186.90	60.25	50.15	70.10	180.50

For top 5 routes with highest parked cars:
Route 11 = SW San Clemente (Trafalgar + Calafia)
Route 1 = Broadmoor
Route 3 = The Coast
Route 9 = Trestles / SE San Clemente
Route 5 = Shorecliffs

CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1

E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/1/2009	E	3	3:00	Pico	0			Dirt/Leaves/Twigs
7/1/2009	E	3	3:30	Pico	1			Dirt/Leaves/Twigs
7/1/2009	E	3	4:00	Calle Del Cerro	0			Dirt/Leaves/Twigs
7/1/2009	E	3	4:15	Calle Del Cerro	0			Dirt/Leaves/Twigs
7/1/2009	E	3	4:25	Pico	0			Dirt/Leaves/Twigs
7/1/2009	E	3	4:43	Camino Del Sol	1			Dirt/Leaves/Twigs
7/1/2009	E	3	4:46	La Pata	0			Dirt/Leaves/Twigs
7/1/2009	E	3	5:03	Vista Hermosa	0			Dirt/Leaves/Twigs
7/1/2009	E	3	5:07	La Pata	0			Dirt/Leaves/Twigs
7/1/2009	E	3	5:18	Avenida Pico	0			Dirt/Leaves/Twigs
7/1/2009	E	3	5:21	Vista Hermosa	0			Dirt/Leaves/Twigs
7/1/2009	E	3	5:24	Avenida Talega	0			Dirt/Leaves/Twigs
7/1/2009	E	3	5:39	Hermosa	0			Dirt/Leaves/Twigs
7/1/2009	E	3	5:44	Avenida Pico	0			Dirt/Leaves/Twigs
7/1/2009	E	3	6:01	Avenida Hermosa	0			Dirt/Leaves/Twigs
7/1/2009	E	3	6:04	Pico	0			Dirt/Leaves/Twigs
7/1/2009	E	3	6:05	La Pata	0			Dirt/Leaves/Twigs
7/1/2009	E	3	6:30	Richard memorial Park	0			Dirt/Leaves/Twigs
7/1/2009	E	3	6:44	La Pata	0			Dirt/Leaves/Twigs
7/1/2009	E	3	6:53	Pico	0			Dirt/Leaves/Twigs
7/1/2009	E	3	3:15	City Yard Parking Lot	53			Leafs, Dirt
7/1/2009	E	3	3:50	North Beach Parking Lot	9			Leafs
7/1/2009	E	3	4:30	Ave. Cabrillo Lots	2			Leafs
7/1/2009	E	3	4:35	Ave. Del Mar	9			Leafs
7/1/2009	E	3	4:47	City hall Lot	26			Leafs
7/1/2009	E	3	4:55	Trafelgar T-Street Metered	2			Dirt
7/1/2009	E	3	5:06	Ave. Magdellina/ El Camino to Golf	13			Leafs
7/1/2009	E	3	5:15	Golf Course parking lot	4			Leafs, Dirt
7/1/2009	E	3	5:23	Ave. Granada Lot	0			Dirt
7/1/2009	E	3	5:29	Boys & Girl's Club	1			Leafs
7/1/2009	E	3	5:40	Library Lot	14			Dirt
7/1/2009	E	3	6:10	Pier Bowl	20			Dirt, Leafs
7/1/2009	E	3	6:15	Pier Parking Lot	25			Leafs, Dirt
7/1/2009	E	3	6:33	Ola Vista	5			Leafs, Paper
7/1/2009	E	3	6:45	Linda Ln. parking Lot	5			Leafs, Dirt
7/1/2009	E	3	7:10	Via Georgia Parking lot	1			Leafs
7/1/2009	E	3	7:51	Library Park	5			Leafs
7/1/2009	E	3	8:00	Tierra Grande Park	7			Dirt/Leafs
7/1/2009	E	3	8:15	Talega Park	9			Leafs
					212	2	3.25	
7/1/2009	R	3	7:13	Frontera	6			Dirt/Leaves/Twigs
7/1/2009	R	3	7:25	Camino Faro	31			Dirt/Leaves/Twigs
7/1/2009	R	3	7:28	Frontera	0			Dirt/Leaves/Twigs
7/1/2009	R	3	7:31	Calle Cuarda	5			Dirt/Leaves/Twigs
7/1/2009	R	3	7:33	Calle Paisana	2			Dirt/Leaves/Twigs
7/1/2009	R	3	7:35	Calla Cuarda	8			Dirt/Leaves/Twigs
7/1/2009	R	3	7:37	Calle Burro	0			Dirt/Leaves/Twigs
7/1/2009	R	3	7:38	Frontera	5			Dirt/Leaves/Twigs
7/1/2009	R	3	7:39	Luego	0			Dirt/Leaves/Twigs
7/1/2009	R	3	7:39	Macho	5			Dirt/Leaves/Twigs
7/1/2009	R	3	7:41	Luego	2			Dirt/Leaves/Twigs
7/1/2009	R	3	7:42	Sorpreso	2			Dirt/Leaves/Twigs
7/1/2009	R	3	7:42	Frontera	0			Dirt/Leaves/Twigs
7/1/2009	R	3	7:43	Gancho	3			Dirt/Leaves/Twigs

CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1

E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/1/2009	R	3	7:47	Calle Chueca	3			Dirt/Leaves/Twigs
7/1/2009	R	3	7:47	Visa Chueca	1			Dirt/Leaves/Twigs
7/1/2009	R	3	7:48	Calle Chueca	1			Leafs/Pine Cones
7/1/2009	R	3	7:50	Calle Guacho	8			Dirt/Leafs
7/1/2009	R	3	7:56	Calle Frontrea	0			Leafs
7/1/2009	R	3	7:58	Calle Amigo	3			Leafs
7/1/2009	R	3	8:05	Calle Descanso	7			Leafs
7/1/2009	R	3	8:06	Calle Amigo	0			Twigs
7/1/2009	R	3	8:12	Frontera	4			Leafs/Rocks/Dirt
7/1/2009	R	3	8:16	Calle Embogadura	5			Rocks/Leafs
7/1/2009	R	3	8:18	Fierros	3			Rock/Leafs
7/1/2009	R	3	8:21	Calle Ganadero	5			Paper/Dirt/Rock
7/1/2009	R	3	8:22	Calle Frontera	0			Twigs/Leafs
7/1/2009	R	3	8:22	Calle Juarez	0			
7/1/2009	R	3	8:25	Calle Beranda	3			Rock Dirt
7/1/2009	R	3	8:27	Calle Juarez	0			Plastic cups/Leafs
7/1/2009	R	3	8:28	Via Juarez	2			
7/1/2009	R	3	8:30	Calle Juarez	4			Leafs
7/1/2009	R	3	8:32	Calle Guadalajara	0			Sticks/Pine Cones/Leafs
7/1/2009	R	3	8:34	Calle Hidalgo	0			leafs/Rocks
7/1/2009	R	3	8:36	Via Hidalgo	3			
7/1/2009	R	3	8:37	Calle Hidalgo	13			Leafs/Rocks
7/1/2009	R	3	8:39	Calle Guadalajara	0			
7/1/2009	R	3	8:40	Calle Corral	3			Leafs
7/1/2009	R	3	8:44	Calle Reata	4			Dirt/Leafs
7/1/2009	R	3	8:44	Calle Guadalajara	3			
7/1/2009	R	3	8:46	Calle Cumbre	4			Rock/Leafs
7/1/2009	R	3	8:50	Calle Vallarta	4			Pine Cones/Leafs
7/1/2009	R	3	8:52	Acantilado	3			Trash/Rocks
7/1/2009	R	3	9:01	Calle Vallarta (Trees get in the way)	12			Trash/Leafs
7/1/2009	R	3	9:06	De Los Mares	14			Rocks/Leafs/Newspaper
7/1/2009	R	3	9:10	Calle Nuevo	3			Leafs
7/1/2009	R	3	9:15	Amapok	7			Leafs
7/1/2009	R	3	9:17	Via Morada	1			Leafs
7/1/2009	R	3	9:18	Calle Nuevo	1			Leafs
7/1/2009	R	3	9:25	Camino De Los mares	5			Trash/Mud/Leafs
7/1/2009	R	3	9:26	Calle Vallarta	2			Rock/Leafs
7/1/2009	R	3	9:29	Calle Amdole	5			Twigs/Leafs
7/1/2009	R	3	9:32	Calle Brisa	11			Dirt/Leafs
7/1/2009	R	3	9:32	Calle Contenta	7			Grass/Trash
7/1/2009	R	3	9:34	Calle Vallarta	1			Leafs/Pine Cones
7/1/2009	R	3	9:35	Calle Dulce	5			Dirt/Leafs
7/1/2009	R	3	9:40	Calle Esteban	16			Leafs
7/1/2009	R	3	9:46	Calle Guadalajara (Trees in Way)				Leafs
7/1/2009	R	3	9:51	Calle Biedras				Leafs
7/1/2009	R	3	9:52	Calle Belota (Construction)				Twigs
					457	2.25	3	
7/1/2009	R	11	8:55	Trafalger	9			Dirt
7/1/2009	R	11	9:00	S. Ola Vista	15			Dirt
7/1/2009	R	11	9:03	Esplande	26			Leafs
7/1/2009	R	11	9:06	Calle Canchita	4			Dirt, Leafs
7/1/2009	R	11	9:07	Vista Marina	9			Leafs
7/1/2009	R	11	9:16	La Rambla	0			Leafs
7/1/2009	R	11	9:18	Poco Paseo	10			Dirt
7/1/2009	R	11	9:20	Calle Toledo	11			Leafs

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1**

E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/1/2009	R	11	9:25	Christobo Ln.	0			Dirt
7/1/2009	R	11	9:32	Ave. Gariota	12			Leafs
7/1/2009	R	11	9:35	Ave Valencia	6			Trash
7/1/2009	R	11	9:38	Ave. Princessa	13			Leafs
7/1/2009	R	11	9:42	Valencia	22			Dirt
7/1/2009	R	11	9:45	W. Gariola	15			Leafs, Dirt
7/1/2009	R	11	9:49	Ave. Cordora	19			Dirt, Leafs
7/1/2009	R	11	9:55	N. Cristobal	0			Leafs
7/1/2009	R	11	10:00	Ave. Barcelona	13			Leafs
7/1/2009	R	11	10:05	Taflaga	23			Leafs
7/1/2009	R	11	10:00	Santa Ola Vista	11			Dirt
7/1/2009	R	11	10:14	Ave. Princessa	14			Dirt
7/1/2009	R	11	10:21	Ave. Valencia	9			Dirt, Leafs
7/1/2009	R	11	10:24	Del Presedento	0			Leafs
7/1/2009	R	11	10:27	Ave. Gaviota	16			Leafs
7/1/2009	R	11	10:33	Cordoba	29			Dirt
7/1/2009	R	11	10:46	De Christobale	16			Dirt
7/1/2009	R	11	10:52	Santiago	23			Leafs
7/1/2009	R	11	10:56	Esterade	21			Leafs
7/1/2009	R	11	11:01	Ave. Barcelona	25			Dirt, Leafs
7/1/2009	R	11	11:09	Cadiz	17	2.25	4	Leafs
					388	2.25	4	
7/2/2009	E	4	3:57	Avenida Pico				Rocks, Trash, Dirt, Leafs
7/2/2009	E	4	4:03	Molinos				Trash, Dirt
7/2/2009	E	4	4:03	Rincon				Trah, Dirt
7/2/2009	E	4	4:05	Calle Valle	4			Trash, Dirt
7/2/2009	E	4	4:07	Calle De Los Molinos				
7/2/2009	E	4	4:11	Calle Bonito				Twigs, Dirt, Leafs
7/2/2009	E	4	4:14	Alley (Los Abreros)				Dirt
7/2/2009	E	4	4:21	De la Estrella (Const.)				
7/2/2009	E	4	4:26	Calle De Industrias				Trash,Dirt
7/2/2009	E	4	4:30	Via Pico Plza.				Trash, Dirt
7/2/2009	E	4	4:36	Presidio				Trash,Rock,Dirt,Leaves
7/2/2009	E	4	4:44	Navarro Los Molinos	13			Trash, Dirt
7/2/2009	E	4	5:15	Avenida La Pata				Grass,Trash, Leafs, Dirt.
7/2/2009	E	4	5:16	Via Callejon				Dirt, Rock,Leafs
7/2/2009	E	4	3:35	El Camino Real	0			Dirt
7/2/2009	E	4	3:40	Camino Capistrano	0			Dirt
7/2/2009	E	4	3:45	Camino De Estrella/ Medians	0			Dirt
7/2/2009	E	4	4:01	Camino De Las Mores/ Medians	0			Dirt
7/2/2009	E	4	4:14	Camino De Estrella	0			Dirt
7/2/2009	E	4	4:17	Camino Del estrella	0			Dirt
7/2/2009	E	4	4:26	Camino Capistrano	0			Dirt
7/2/2009	E	4	4:29	El Camino Real	4			Dirt
7/2/2009	E	4	4:52	El Camino Real	0			Dirt
7/2/2009	E	4	4:57	Avenida Presidido	0			Dirt
7/2/2009	E	4	5:08	Palizada	0			Dirt
7/2/2009	E	4	5:11	Avenida Marquita	0			Dirt
7/2/2009	E	4	5:13	Mariposa	0			Dirt
7/2/2009	E	4	5:16	Escalones	1			Dirt
7/2/2009	E	4	5:17	Canada				Dirt
7/2/2009	E	4	5:18	El Portal				Dirt
7/2/2009	E	4	5:24	Calle iago	5			Dirt
7/2/2009	E	4	5:32	El Camino Real	9			Dirt

CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
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E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/2/2009	E	4	5:38	Avenida Pico	24			Dirt
7/2/2009	E	4	6:07	Avenida Mogdalena	10			Dirt
7/2/2009	E	4	6:15	Del mar	1			Dirt
7/2/2009	E	4	6:26	Bernardo Lot	1			Dirt
7/2/2009	E	4	6:27	Granada Lot	7			Dirt
7/2/2009	E	4	6:29	Ola Vista	8			Dirt
7/2/2009	E	4	6:31	Cabrillo Lot	0			Dirt
7/2/2009	E	4	6:35	Pier Bowl	27			Dirt
7/2/2009	E	4	6:38	Boca de La Playa	7			Dirt
7/2/2009	E	4	6:51	Calle Deschema	0			Dirt
7/2/2009	E	4	6:54	Camino Capistrano	21			Dirt
7/2/2009	E	4	6:59	Avenida Salvador	1			Dirt
7/2/2009	E	4	7:38	Vista Vacunda	2			Dirt
7/2/2009	E	4	7:51	Vista alceda	1			Dirt
7/2/2009	E	4	7:52	Vista Valencia	21			Dirt
7/2/2009	E	4	7:54	Vista Gayenta	1			Dirt
7/2/2009	E	4	7:56	Vista Cantura	2			Dirt
7/2/2009	E	4	7:59	Vista Vacunda	1	6.5	5.25	Dirt
					171	6.5	5.25	
7/2/2009	R	4	6:35	La Cuesta	6			Mud, Trash, Leafs
7/2/2009	R	4	6:35	El Oriente	7			Twigs, Leafs
7/2/2009	R	4	6:38	Caballeros				Twigs, Leafs
7/2/2009	R	4	6:42	De La Paz, la Cuesta	19			Mud, Twigs, Rocks, Lea
7/2/2009	R	4	7:06	Camino San Clemente	6			Dirt, Mud, leafs, Rocks
7/2/2009	R	4	7:09	Via Socorro	8			Leafs, Rock
7/2/2009	R	4	7:13	Via Ballena	12			Trash, Rock, Dirt, Leaf
7/2/2009	R	4	7:22	Via San Andres	13			Dirt, Rock, Leafs
7/2/2009	R	4	7:35	Calle Tinaja	6			
7/2/2009	R	4	7:37	Via Senda	6			Rock, Leaf
7/2/2009	R	4	7:40	Via Cascadita	9			Leafs, Trash
7/2/2009	R	4	7:46	San Clemente				Rocks, Leafs
7/2/2009	R	4	7:55	Via Caballeros, De la Paz				Leafs, Trash, Dirt
7/2/2009	R	4	7:56	N. La Esperanza				
7/2/2009	R	4	7:58	El Levante				Rock, Leaf, Dirt
7/2/2009	R	4	7:59	Pizarro				Leafs, Dirt
7/2/2009	R	4	8:06	Terraza Vista Bahia	3			Trash Dirt
7/2/2009	R	4	8:10	Patio Del Oro	8			leafs, Dirt
7/2/2009	R	4	8:11	Calle Bella Loma	2			leafs, Dirt
7/2/2009	R	4	8:15	Calle Seguro	4			Dirt, Leafs
7/2/2009	R	4	8:20	San Carlos	5			Rock Leafs
7/2/2009	R	4	8:21	Calle Cortez	10			Trash, Leafs
7/2/2009	R	4	8:21	Calle Balboa	12			Rock, Dirt, Leafs
7/2/2009	R	4	8:30	Calle De Ananza	5			Rock, Leaf
7/2/2009	R	4	8:34	Calle Sonora	19			Rock, Leafs
7/2/2009	R	4	9:34	La Cuesta				Trash, Dirt, Leafs
7/2/2009	R	4	9:45	Avenida Presidio	7			Dirt, Leafs
7/2/2009	R	4	9:58	De la Estrella	24			Rock, Leafs
7/2/2009	R	4	10:00	Calle Redondel	26			Dirt, Leafs
7/2/2009	R	4	10:07	Sierra	29			Trash, Dirt
7/2/2009	R	4	10:12	Las Flores	11			Leafs
7/2/2009	R	4	10:15	El Oriente	3			Leafs
7/2/2009	R	4	10:17	El Campo	10			Dirt, Rocks
7/2/2009	R	4	10:19	La Placencia	4			Dirt
7/2/2009	R	4	10:21	Revuelta	4			Leaf, Dirt
7/2/2009	R	4		Redondel	13	5.25	4.55	leaf, Dirt
					291	5.25	4.55	

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
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E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/6/2009	E	1	3:31	Avenida Pico				leafs, Trash, Dirt
7/6/2009	E	1	3:55	De Los Molinos				Dirt
7/6/2009	E	1	3:57	Rincon				Trash, Dirt
7/6/2009	E	1	3:59	Calle De los Molinos	7			Dirt, leafs
7/6/2009	E	1	4:00	Calle Valle	3			Dirt, leafs
7/6/2009	E	1	4:07	Calle Bonito				Trash Dirt Leafs
7/6/2009	E	1	4:13	Los Obreros				Dirt, trash
7/6/2009	E	1	4:15	De la Estrella				Trash, Dirt, Leafs
7/6/2009	E	1	4:24	Avenida Navarro	16			Trash, Dirt
7/6/2009	E	1	4:25	Calle De industias				Leaf, Dirt
7/6/2009	E	1	4:26	Via Pico Plaza				Trash, Dirt
7/6/2009	E	1	4:35	Presido				Trash, Dirt, Leafs
7/6/2009	E	1	5:15	Avenida La Pata				Trash, Dirt, Leafs
7/6/2009	E	1	5:20	Avenida Callejon	1			Leafs
7/6/2009	E	1	5:27	Calle Iglesia				Leafs, Dirt
7/6/2009	E	1	5:30	Calle Pintaresco	7			Trash, Dirt, leafs
7/6/2009	E	1	5:36	Avenida Fabricante				Dirt, Leafs
7/6/2009	E	1	6:20	Calle Aliacante	1			Leafs
7/6/2009	E	1	6:26	Calle Baltido				Dirt
7/6/2009	E	1	6:37	Calle Celosial				Trash, Leafs
7/6/2009	E	1	6:55	Calle Avanzado				Dirt, leafs
7/6/2009	E	1	6:46	Corte Trabucco				Dirt, Leafs
					35			
7/6/2009	R	1	7:15	Presidio	2			Leafs
7/6/2009	R	1	7:16	Calle Escuela	9			Dirt, Leafs
7/6/2009	R	1	7:18	Calle Del Juego	7			Rock
7/6/2009	R	1	7:19	Calle Salida	16			Dirt, Leafs
7/6/2009	R	1	7:21	Calle Sandia	2			Rock, Leafs
7/6/2009	R	1	7:26	Calle Miguel	5			Rock, leafs
7/6/2009	R	1	7:27	Calle Empalme	3			Leafs
7/6/2009	R	1	7:31	Calle Fiesta	2			Leafs
7/6/2009	R	1	7:33	Calle Neblina				Dirt, Rock, Leafs
7/6/2009	R	1	7:35	Calle Pueblo	2			Dirt, Rock, Leafs
7/6/2009	R	1	7:36	Calle Familia	1			Rock, Leafs
7/6/2009	R	1	7:38	Calle Villarial	9			leafs
7/6/2009	R	1	7:39	Calle Delicada				Leafs
7/6/2009	R	1	7:41	Calle Felicidad				Dirt Leaf
7/6/2009	R	1	7:42	Calle Dorado	9			Rock, leaf
7/6/2009	R	1	7:46	Calle Rica	6			Rock, Leaf
7/6/2009	R	1	7:47	Avenida Presidio	29			Rock Dirt
7/6/2009	R	1	7:50	Calle Mendoza	4			Rock, Dirt
7/6/2009	R	1	7:54	Calle Delicada	9			Leafs
7/6/2009	R	1	8:04	Calle Empalme	18			Rock, Leaf
7/6/2009	R	1	8:08	Calle Fiesta	9			Rock, Leaf
7/6/2009	R	1	8:12	Calle Neblina	8			Rock, Leaf, Dirt
7/6/2009	R	1	8:19	Calle Pueblo	13			Dirt, Leafs
7/6/2009	R	1	8:28	Calle Familia	13			Rock,Dirt
7/6/2009	R	1	8:29	Calle Robles	5			Dirt, Leafs
7/6/2009	R	1	8:57	Calle Villario	1			Dirt, Leafs
7/6/2009	R	1	9:00	Calle Delicada	5			Dirt, Leafs
7/6/2009	R	1	9:06	Calle Felicidad	14			Dirt, Leafs
7/6/2009	R	1	9:11	Calle Pescador	8			Dirt, Leafs
7/6/2009	R	1	9:22	Calle Dorado	23			Leafs, Dirt, Grass
7/6/2009	R	1	9:36	Calle Miguel	1			Dirt, Leafs
7/6/2009	R	1	9:37	Calle Rico	1			Leafs

**CITY OF SAN CLEMENTE
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Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
						9	7.8	
					234	9	7.8	
7/7/2009	E	2	3:30	Calle Amanecer				
7/7/2009	E	2	3:40	Calle Negocio	1			Dirt, Leaf
7/7/2009	E	2	3:45	Calle Trepadora				Dirt, Leaf
7/7/2009	E	2	3:53	Cordilvera				Trash, Leafs
7/7/2009	E	2	3:58	Recodo	6			Dirt, Leafs
7/7/2009	E	2	4:04	Sombra				Dirt, Leafs
7/7/2009	E	2	4:18	Camino Vera Cruz				Dirt, Leafs
7/7/2009	E	2	4:23	Avenida La Pata				Dirt, Leafs
7/7/2009	E	2	4:31	Avenida Vista Hermosa				Dirt, Leafs, Trash
7/7/2009	E	2	4:36	Camino Vera Cruz				Dirt, Trash
7/7/2009	E	2	5:52	Via Seratea	1			Leaf, Dirt
7/7/2009	E	2	5:54	Calle Companero				Trash, Dirt
7/7/2009	E	2	5:58	Avenida Talega				Leaf, Dirt
7/7/2009	E	2	6:25	Calle Portofino				Leaf, Dirt
7/7/2009	E	2	6:30	Calle Saluda				Leaf, Dirt
7/7/2009	E	2	6:39	Camino La Pedriza	1			Trash, Leaf, Dirt
7/7/2009	E	2	7:00	Altea				Dirt, Leafs
7/7/2009	E	2	3:30	El Camino Real				Dirt
7/7/2009	E	2	3:41	Camio De Estrella	0			Dirt
7/7/2009	E	2	3:49	El Camino Real	0			Dirt
7/7/2009	E	2	4:26	Avenida Presidio	0			Dirt
7/7/2009	E	2	4:32	Avenida Palizada	0			Dirt
7/7/2009	E	2	4:43	Florencia	0			Dirt
7/7/2009	E	2	4:46	De La Crulla	0			Dirt
7/7/2009	E	2	4:47	Avenida Aragon	0			Dirt
7/7/2009	E	2	4:48	El Portall	0			Dirt
7/7/2009	E	2	4:52	Espallones	1			Dirt
7/7/2009	E	2	4:53	Mariposa	3			Dirt
7/7/2009	E	2	4:54	Marquita	0			Dirt
7/7/2009	E	2	4:56	Palizada	0			Dirt
7/7/2009	E	2	4:57	Miramar	0			Dirt
7/7/2009	E	2	5:00	Cabrillo Lot	7			Dirt
7/7/2009	E	2	5:04	Del Mar	5			Dirt
7/7/2009	E	2	5:15	Granada Lot	6			Dirt
7/7/2009	E	2	5:18	Victoria	4			Dirt
7/7/2009	E	2	5:19	Rosa	2			Dirt
7/7/2009	E	2	5:20	Mateo	11			Dirt
7/7/2009	E	2	5:22	Acgoan	18			Dirt
7/7/2009	E	2	6:06	Cazador	26			Dirt
7/7/2009	E	2	6:19	Camino Mira Costa	13			Dirt
7/7/2009	E	2	6:27	Camino De Los Mores				Dirt
7/7/2009	E	2	7:05	Calle Agua				Dirt
7/7/2009	E	2	7:10	Camino De Estrella				Dirt
7/7/2009	E	2	7:15	Camino Mira Costa	32			Leaves
7/7/2009	E	2	7:44	S. Ola Vista	5			Dirt
7/7/2009	E	2	8:07	Del Presidente	0			Dirt
7/7/2009	E	2	8:22	De Los Cabos Marinos	12			Dirt
					154	4.25	3.75	
7/7/2009	R	2	7:24	Del Cerro				Trash, Leaf, Dirt
7/7/2009	R	2	7:45	Vista Montana				Twigs, Leafs
7/7/2009	R	2	7:49	Aguila	1			Leafs
7/7/2009	R	2	8:03	Calle Pastadero	14			Dirt, Leafs

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1**

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Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/7/2009	R	2	8:28	Vista Montana				Trash, Leafs
7/7/2009	R	2	8:32	Calle Iglesia				Trash, Leafs
7/7/2009	R	2	8:43	Avenida Salvador	36			Leafs
7/7/2009	R	2	8:45	Calle De Soto	21			Dirt, Leafs
7/7/2009	R	2	8:48	Calle Nina	6			Dirt, Leafs
7/7/2009	R	2	8:54	Avenida Teresa	15			Trash, Twigs, Leafs
7/7/2009	R	2	8:58	Avenida Colimbo	8			Dirt, Leafs
7/7/2009	R	2	9:07	Calle Malaguena	4			Dirt, Leafs
7/7/2009	R	2	9:14	Calle Monserat	11			Rock
7/7/2009	R	2	9:15	Calle Dulcinea	10			Dirt, Leafs
7/7/2009	R	2	9:20	Calle Tibidabo				Dirt, Leafs
					126	7.5	6.5	
7/7/2009	R	10	8:25	Calle Marina	14			Leaves
7/7/2009	R	10	8:28	S. Ola Vista				Leaves
7/7/2009	R	10	8:29	Calle Senena	12			Dirt
7/7/2009	R	10	8:34	Cabos marinos	2			Leaves
7/7/2009	R	10	8:35	Roca Vista	12			Leaves
7/7/2009	R	10	8:35	Primavera	16			Leaves
7/7/2009	R	10	8:41	Calle Casuen	8			
7/7/2009	R	10	8:42	Lobos marinos				Leaves
7/7/2009	R	10	8:45	De Los Alamos	33			Dirt
7/7/2009	R	10	9:00	Del Camarero	9			
7/7/2009	R	10	9:10	S. Ola Vista				Leaves
7/7/2009	R	10	9:12	San Antonio	15			
7/7/2009	R	10	9:38	Majorca				Dirt
7/7/2009	R	10	9:38	Las Palmas	10			Dirt
7/7/2009	R	10	9:40	Ave. La Costa	13			Leaves
7/7/2009	R	10	9:42	Plaza a la Playa	10			Dirt
7/7/2009	R	10	9:47	Monte Cristo	14			Dirt
7/7/2009	R	10	9:48	Calle Muneco	1			Leaves
7/7/2009	R	10	9:52	De al Nievera	3			Leaves
7/7/2009	R	10	9:57	Majorca	2			Dirt
7/7/2009	R	10	10:00	Montalvo	25			Dirt
7/7/2009	R	10	10:10	Montalvo	20			Dirt
7/7/2009	R	10	10:15	Calafia	17			Leaves
7/7/2009	R	10	10:17	S. Ola Vista	2			Dirt
7/7/2009	R	10	10:20	Del Pacifico	1			Leaves
7/7/2009	R	10	10:20	Avenida Callecito	2			Leaves
7/7/2009	R	10	10:21	Del Pacifico	9			Leaves
7/7/2009	R	10	10:24	S. Ola Vista	0			Leaves
7/7/2009	R	10	10:25	De La Serenata	12			Leaves
7/7/2009	R	10	10:28	S. Ola Vista				Dirt
7/7/2009	R	10	10:29	Avenida Junipero	16			Dirt
7/7/2009	R	10	10:35	Cornelillo	22			Leaves
7/7/2009	R	10	10:38	Avenida Ramona	17			Dirt
7/7/2009	R	10	10:43	Allessardo	19			Leaves
7/7/2009	R	10	10:53	San Antonio	22			Leaves
7/7/2009	R	10	10:59	Lobos Marinos	9			Leaves
						8.75	6.25	
					367	8.75	6.25	
7/8/2009	E	3	4:00	Avenida Pico				Leafs,Trash, Dirt
7/8/2009	E	3	4:05	Via Pico Plaza				Leaf, Trash, Dirt
7/8/2009	E	3	4:21	Calle Del Cerro				Dirt, Leafs
7/8/2009	E	3	4:39	Camino Vera Cruz				Dirt,Leafs
7/8/2009	E	3	4:45	Avenida La Pata				Dirt,Leafs

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1**

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Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/8/2009	E	3	4:48	Avenida Vista Hermosa				Dirt, Trash
7/8/2009	E	3	5:58	Talega				Leafs, Trash
7/8/2009	E	3	6:40	Richard Memorial Park	1			Trash, Leafs
						3	2.6	
7/8/2009	E	3	3:43	City Yard	9			Dirt
7/8/2009	E	3	4:30	Metro Linda Yard	4			
7/8/2009	E	3	4:35	North Beach Lots				
7/8/2009	E	3	4:40	Beach Club Lots				
7/8/2009	E	3	4:48	Granada Lot	3			
7/8/2009	E	3	4:50	Del mar	6			
7/8/2009	E	3	5:07	City Hall	11			
7/8/2009	E	3	5:13	Golf Course Lot	4			Leaves
7/8/2009	E	3	5:41	Del Mar Lots	0			
7/8/2009	E	3	6:01	Avenida Del Mar	17			
7/8/2009	E	3	6:09	Parque Del mar	17			
7/8/2009	E	3	6:25	Ola Vista	2			
7/8/2009	E	3	6:30	Linda Lot Lanes	5			
7/8/2009	E	3	6:50	Boys & Girls Club Lots	0			
7/8/2009	E	3	7:03	San Gorgonio Park	1			
7/8/2009	E	3	7:35	Talega Park	1			Leaves
7/8/2009	E	3	7:43	Tierra Grande Park	3			Leaves
7/8/2009	E	3	7:56	Christiana Park	7			Leaves
						4	3.25	
					91	7	5.85	
7/8/2009	P	7-A	9:04	Calle Las Bolas				
7/8/2009	P	7-A	9:09	Avenida Florencia	7			Dirt, Weeds
7/8/2009	P	7-A	9:11	Avenida Hacienda	2			Trash, Leafs
7/8/2009	P	7-A	9:13	Calle Sacramento				Leafs
7/8/2009	P	7-A	9:16	Avenida Florencia	7			Dirt, Leafs
7/8/2009	P	7-A	9:17	Buena Vista	4			Leafs
7/8/2009	P	7-A	9:18	Dije	2			Dirt, Leafs
7/8/2009	P	7-A	9:23	Mirador	3			Trash, Leafs
7/8/2009	P	7-A	9:25	Del Reposo	3			Leafs
7/8/2009	P	7-A	9:28	Avenida De La Grulla	10			Dirt, Leafs
7/8/2009	P	7-A	9:36	Calle Puente	5			Leafs
7/8/2009	P	7-A	9:40	Pelayo	8			Leafs
7/8/2009	P	7-A	9:49	Avenida Aregon	10			Trash, Leafs
7/8/2009	P	7-A	10:00	El Portal	1			Leafs
7/8/2009	P	7-A	10:01	El Prado				
7/8/2009	P	7-A	10:14	Canada				Trash, Dirt, Leafs
7/8/2009	P	7-A	10:16	Del Poniente	3			Leafs
7/8/2009	P	7-A	10:45	El Portal	2			Leafs, Trash, Dirt
7/8/2009	P	7-A	10:47	Calle Oso				Trash, Leafs
7/8/2009	P	7-A	10:49	W. Cananda				Trash, Leafs
7/8/2009	P	7-A	10:55	W. Mariposa				Trash, Leafs
7/8/2009	P	7-A	10:58	W. Ane. Escolones	3			Dirt, Leafs
7/8/2009	P	7-A	11:16	La Paloma	8			Dirt, Leafs
7/8/2009	P	7-A	11:25	W. Marquita	6			Dirt, Leafs
7/8/2009	P	7-A	11:35	Ave. De La Estrella	3			Dirt, Leafs
7/8/2009	P	7-A	11:37	La Ronda				Trash, Dirt, Leafs
7/8/2009	P	7-A	11:40	Chiquita				Leafs
7/8/2009	P	7-A	11:42	E. Camada				Trash, Leafs
7/8/2009	P	7-A	11:45	E. Escalones	1			Leaf, Dirt, Trash
7/8/2009	P	7-A	11:46	E. Mariposa	1			Leaf, Dirt
7/8/2009	P	7-A	11:48	E. Mariquita				Leaf, Dirt
						4.5	3.9	

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1**

E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
					89	4.5	3.9	
7/8/2009	P	15-B	9:00	Palizada	5			Leaves
7/8/2009	R	15-B	9:07	Lona Lane	0			Leaves
7/8/2009	R	15-B	9:09	Palizada	10			Leaves
7/8/2009	R	15-B	9:17	Arenso	8			Leaves
7/8/2009	R	15-B	9:20	Avenida Miramar	6			Leaves
7/8/2009	R	15-B	9:27	Avenida Serra	3			Leaves
7/8/2009	R	15-B	9:33	Ola Vista	1			Leaves
7/8/2009	R	15-B	9:37	Encinio Ln.	0			Leaves
7/8/2009	R	15-B	9:39	Palizada	8			Leaves
7/8/2009	R	15-B	9:40	Corto Ln.	0			Leaves
7/8/2009	R	15-B	9:41	Avenida Granada	3			Leaves
7/8/2009	R	15-B	9:48	Calle Sevilla	1			Leaves
7/8/2009	R	15-B	9:51	Avenida Cabrillo	2			Leaves
7/8/2009	R	15-B	10:03	Del Mar Lots	1			Leaves
7/8/2009	R	15-B	10:03	Granada	2			Leaves
7/8/2009	R	15-B	10:06	Acebo	4			Leaves
7/8/2009	R	15-B	10:20	Santa Barbara	7			Leaves
7/8/2009	R	15-B	10:20	Avenida Rosa				Leaves
7/8/2009	R	15-B	10:33	S. Ola Vista				Leaves
7/8/2009	R	15-B	10:36	Avenida Rosa				Leaves
						5.25	3.75	
					61	5.25	3.75	
7/9/2009	P	8-A	9:00	Calle Mirador	4			Trash, Leafs
7/9/2009	P	8-A	9:12	Avenida Florencia	1			Leafs
7/9/2009	P	8-A	9:13	Calle Las Bolas	8			Trash, Leafs
7/9/2009	P	8-A	9:19	Calle Sacramento	3			Dirt,Trash, Leafs
7/9/2009	P	8-A	9:20	Calle Colina	1			leafs
7/9/2009	P	8-A	9:22	Buena Vista	8			Trash, Leafs, Dirt
7/9/2009	P	8-A	9:26	Dije	1			Trash, Leafs
7/9/2009	P	8-A	9:28	Florencia	0			Rock, Dirt, Leafs
7/9/2009	P	8-A	9:34	Hacienda	1			Leafs
7/9/2009	P	8-A	9:37	Da La Grulla	0			Trash, Leafs
7/9/2009	P	8-A	9:38	Del Reposo	1			Trash, Rock, leafs
7/9/2009	P	8-A	9:46	Pelayo	4			Trash, Leafs
7/9/2009	P	8-A	9:50	Calle Puente	7			Rock, Leafs
7/9/2009	P	8-A	9:55	Aragon	2			Trash, Dirt, Leafs
7/9/2009	P	8-A	10:02	W. El Portal	1			Trash, Leafs
7/9/2009	P	8-A	10:06	Calle Oso	0			Trash, Leafs
7/9/2009	P	8-A	10:19	Del Ponienete	2			Trash, Grass, Leafs
7/9/2009	P	8-A	10:24	W. Canada	3			Trash, Dirt
7/9/2009	P	8-A	10:29	W. Escalones	4			Leafs, Trash, Dirt
7/9/2009	P	8-A	10:42	W. Mariposa	7			Trash,Dirt
7/9/2009	P	8-A	10:50	W. Marquita	5			Leaf, Dirt
7/9/2009	P	8-A	10:57	La Paloma	0			Trash, Dirt, Leafs
7/9/2009	P	8-A	11:25	El Portal	0			Leafs
7/9/2009	P	8-A	11:25	El Ronda	1			Trash, Leafs
7/9/2009	P	8-A	11:29	Chiquita	1			Dirt, Leaf
7/9/2009	P	8-A	11:30	E. Portal	1			Leaf
7/9/2009	P	8-A	11:34	E. Canada	0			Trash, Leafs
7/9/2009	P	8-A	11:39	E. Escalones	0			Trash, Leafs
7/9/2009	P	8-A	11:40	Avenida De La Estrella	0			Leaf
7/9/2009	P	8-A	11:40	E. Mariposa	0			Leaf
7/9/2009	P	8-A	11:45	E. Marquita	2			Leafs
					68	4.5	3.9	

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1**

E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/9/2009	P	16-B	9:07	Avenida Palizada	0			Leaves
7/9/2009	P	16-B	9:09	N Ola Vista	2			Dirt
7/9/2009	P	16-B	9:12	W. Avenida Palizada	0			Leaves
7/9/2009	P	16-B	9:15	Loma lane	0			Dirt
7/9/2009	P	16-B	9:15	Palizada	1			Dirt
7/9/2009	P	16-B	9:19	Miramar	1			Dirt
7/9/2009	P	16-B	9:21	Serra	4			Dirt
7/9/2009	P	16-B	9:27	Cabrillo	2			Trash
7/9/2009	P	16-B	9:32	Granada	2			Leaves
7/9/2009	P	16-B	9:48	Arenoso	0			Dirt
7/9/2009	P	16-B	9:52	Granada	0			Dirt
7/9/2009	P	16-B	9:57	Rosa	4			Leaves
7/9/2009	P	16-B	10:17	Victoria	7			Dirt
7/9/2009	P	16-B	10:21	N. Ola Vista	1			Dirt
7/9/2009	P	16-B	10:29	Santa Barbara	2			
7/9/2009	P	16-B	10:34	Victoria	4			
7/9/2009	P	16-B	10:38	Elena	2			
7/9/2009	P	16-B	10:40	Cazador	2			
7/9/2009	P	16-B	10:46	Corona	0			
7/9/2009	P	16-B	10:46	Santa Ana	1			
7/9/2009	P	16-B	10:48	Capistrano	3			
7/9/2009	P	16-B	10:57	Monterey	0			
7/9/2009	P	16-B	10:59	Ave. Monterey	0			
7/9/2009	P	16-B	11:01	S.Ola Vista	1			
7/9/2009	P	16-B	11:03	Madrid	3			
7/9/2009	P	16-B	11:09	Avenida Algodon	3			
7/9/2009	P	16-B	11:11	Mateo	1			
7/9/2009	P	16-B	11:12	Monterey	1			
					47	5	3	
7/9/2009	E	4	4:50	Avenida Pico	0			Leafs, Trash, Dirt
7/9/2009	E	4	4:53	Los Molinos	5			Rock, Leafs, Dirt
7/9/2009	E	4	4:54	Rincon	1			Dirt
7/9/2009	E	4	5:00	Calle Bonito	0			Leafs, Trash
7/9/2009	E	4	5:02	Calle Valle	0			Trash, Leafs, Dirt
7/9/2009	E	4	5:04	Alley	0			Leafs,Dirt
7/9/2009	E	4	5:08	De La Estrella	0			Leafs,Dirt
7/9/2009	E	4	5:12	Via Pico Plaza	0			Leafs,Dirt
7/9/2009	E	4	5:18	Presidido	0			Leafs,Dirt
7/9/2009	E	4	5:23	Caslle Industrias	1			Trash, Dirt
7/9/2009	E	4	5:26	Calle Navarro	13			Trash, Dirt
7/9/2009	E	4	5:44	Avenida La Pata	0	5.25	4.5	Grass, Trash, Leafs
7/9/2009	E	4	3:35	El Camino Real	0			Dirt
7/9/2009	E	4	4:18	El Camino Real	0			Dirt
7/9/2009	E	4	4:25	Camino Capistrano	0			Dirt
7/9/2009	E	4	4:26	Camino De Estrella	0			Dirt
7/9/2009	E	4	4:59	Camino Capistrano	0			Dirt
7/9/2009	E	4	5:00	El Camino Real	0			Dirt
7/9/2009	E	4	5:16	Magdalena	0			Dirt
7/9/2009	E	4	5:37	El Camino Real	11			Dirt
7/9/2009	E	4	5:43	Presidio	1			Dirt
7/9/2009	E	4	5:46	El Camino Real	0			Dirt
7/9/2009	E	4	5:48	Del Mar	1			Dirt
7/9/2009	E	4	5:49	Del Mar	9			Dirt
7/9/2009	E	4	6:00	Cabrillo Lot	20			Dirt

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1**

E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/9/2009	E	4	6:21	Mariposa	0			Dirt
7/9/2009	E	4	6:25	El Camino Real	0			Dirt
7/9/2009	E	4	6:30	De La Playa	0			Dirt
7/9/2009	E	4	6:38	Deschecha	4			Trash
7/9/2009	E	4	6:37	El Camino Real	0			Dirt
7/9/2009	E	4	7:09	Granada Lot	8			Dirt
7/9/2009	E	4	7:20	Cabrillo Lot	2			Dirt
7/9/2009	E	4	7:24	Cabrillo Lot #2	3			Dirt
7/9/2009	E	4	7:38	Camino Capistrano	3			Leaves
7/9/2009	E	4	7:40	Calle Seville	4			Dirt
					86	5.25	4.5	
7/13/2009	E	1	5:02	Pico Avenue	0			Twigs, trash
7/13/2009	E	1	5:10	Los Molinos	6			Twigs, trash
7/13/2009	E	1	5:11	Rincon	0			Twigs, trash
7/13/2009	E	1	5:12	De La Estrella	1			Twigs, trash
7/13/2009	E	1	5:14	De Los Molinos	0			Twigs, trash
7/13/2009	E	1	5:15	Calle De Los Molinos	11			Twigs, trash
7/13/2009	E	1	5:19	Calle Valle	0			Twigs, trash
7/13/2009	E	1	5:34	Presidio	0			Twigs, trash
7/13/2009	E	1	5:50	Avenida La Pata	0			Twigs, trash
						3.25	3.25	Twigs, trash
7/13/2009	E	1	3:41	El Camino Real	0			Dirt
7/13/2009	E	1	3:49	Camino Capistrano	0			Dirt
7/13/2009	E	1	3:50	El Camino Real	0			Dirt
7/13/2009	E	1	3:56	N. Beach Lots	2			Dirt
7/13/2009	E	1	4:20	Avenida pico	0			Dirt
7/13/2009	E	1	4:24	El Camino Real	0			Dirt
7/13/2009	E	1	4:31	El Camino Real	0			Dirt
7/13/2009	E	1	4:50	El Camino Real	0			Dirt
7/13/2009	E	1	4:55	Christonos	0			Dirt
7/13/2009	E	1	5:05	Magdalena	11			Dirt
7/13/2009	E	1	5:20	Avenida Presidio	0			Dirt
7/13/2009	E	1	5:23	El Camino Real	2			Dirt
7/13/2009	E	1	5:27	Palizado	0			Dirt
7/13/2009	E	1	5:35	El Portal	0			Dirt
7/13/2009	E	1	6:02	El Camino Real	2			Dirt
7/13/2009	E	1	6:05	Del Mar	26			Leafs
7/13/2009	E	1	6:25	Ola Vista	3			Dirt
7/13/2009	E	1	7:10	Victoria St. Lot	0			Dirt
7/13/2009	E	1	7:16	Calle Puente	16			Leafs
7/13/2009	E	1	7:30	Boca De Playa	1			Dirt
7/13/2009	E	1	7:37	Deschecha	1			Dirt
7/13/2009	E	1	7:37	Bievenida	1		2	Leafs
					83	3.25	5.25	
7/13/2009	R	5	7:13	Camino Capistrano	27			Twigs, Dirt, Leafs
7/13/2009	R	5	7:20	Calle Leveta	45			Trash, Leafs
7/13/2009	R	5	7:23	Calle Guymas	25			Trash, Leafs
7/13/2009	R	5	7:29	Calle Borrego	18			Leafs
7/13/2009	R	5	7:31	Camino Alondra	29			Leafs
7/13/2009	R	5	7:33	Calle Quieto	16			Leafs, Dirt
7/13/2009	R	5	7:43	Via Breje	6			Brush, Leafs
7/13/2009	R	5	7:50	La Ventana	11			Dirt, Brush, Leafs
7/13/2009	R	5	8:00	Monte Vista	16			Trash, Dirt, Leafs
7/13/2009	R	5	8:00	Avenida Vaquero	30			Leafs
7/13/2009	R	5	8:01	Via Cascadita	1			Trash

CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1

E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/13/2009	R	5	8:02	Via Nontego	20			Grass, Leafs
7/13/2009	R	5	8:06	Via Alegre	16			Trash, Leafs
7/13/2009	R	5	8:14	Via Montezuma	16			Leafs, Trash, Dirt
7/13/2009	R	5	8:18	Via Aroboleada	9			Twigs, Leafs
7/13/2009	R	5	8:23	Via Casa Loma	11			Dirt, Rocks, Leafs
7/13/2009	R	5	8:27	Via Santo Tomas	20			Trash, Rock, Leaf, Dirt
7/13/2009	R	5	8:35	Via Montecito	21			Leafs, Rock, Dirt
7/13/2009	R	5	8:39	Via Verbena	11			Rock, Leafs
7/13/2009	R	5	8:43	Via Vistosa	12			Leaf, Rock
7/13/2009	R	5	8:46	Via Bandita	5			Dirt, Leaf
7/13/2009	R	5	8:55	Via Lado	7			Dirt, Leaf
7/13/2009	R	5	8:58	Vista Torito	23			Rock, Trash, Dirt, Leafs
7/13/2009	R	5	9:01	Via San Gorgonio	15			Trash, Leafs, Dirt
7/13/2009	R	5	9:09	Via San Jacinto	17			Leafs, Grass, Dirt
7/13/2009	R	5	9:09	Via Corbina	3			Leafs
7/13/2009	R	5	9:48	Calle Vicente	6			Rock, Grass, Leafs
7/13/2009	R	5	10:03	Calle Arco	0			Rock, Dirt
7/13/2009	R	5	10:10	Calle Grande Vista	46			Dirt, Leafs
7/13/2009	R	5	10:33	Via Nada	1			Leafs
7/13/2009	R	5	10:35	Avenida Vaquero	2			Leafs
					485	4.5	3.9	
7/13/2009	R	13	8:08	Abril	3			Dirt
7/13/2009	R	13	8:12	Monterey	0			Leafs
7/13/2009	R	13	8:16	Calle Abril	0			Dirt
7/13/2009	R	13	8:19	Monterey	7			Dirt
7/13/2009	R	13	8:21	Sanramento	3			Dirt
7/13/2009	R	13	8:53	Calle Mayo	9			Dirt
7/13/2009	R	13	8:54	Calle Campana	0			Leafs
7/13/2009	R	13	9:21	Calle Bienvenida	11			Leafs
7/13/2009	R	13	9:24	Via Manzana	9			Dirt
7/13/2009	R	13	9:32	Calle Real	14			Dirt
7/13/2009	R	13	9:39	Calle Manzana	13			Dirt
7/13/2009	R	13	9:50	Calle Real	8			Leafs
7/13/2009	R	13	9:52	Anda Lucia	26			Leafs
7/13/2009	R	13	9:58	Calle Bienvenida	18			Leafs
7/13/2009	R	13	9:12	Calle Junio	3			Dirt
7/13/2009	R	13	9:14	Calle Junio	10			Leafs
7/13/2009	R	13	9:19	Calle Mayo	7			Dirt
7/13/2009	P	13	9:00	Calle Canasta	1			Dirt
7/13/2009	P	13	9:02	Calle Campana	0			Leafs
7/13/2009	P	13	9:10	Calle Junio	2			Leafs
7/13/2009	P	13	9:11	Via Sacramento	2			Dirt
					146	3.5	4.75	
7/14/2009	E	2	4:08	Calle Amanacer	0			Trash/Leaf
7/14/2009	E	2	4:09	Calle Negocio	3			Dirt/Leaf
7/14/2009	E	2	4:13	Calle Trepadora	0			Leaf
7/14/2009	E	2	4:20	Calle Cordillera	0			Trash/Leaf
7/14/2009	E	2	4:30	Calle Somora	0			Trash/Dirt/Leaf
7/14/2009	E	2	4:30	Calle Recodo	7			Trash/Dirt/Leaf
7/14/2009	E	2	5:04	Camino Vera Cruz	0			Trash/Dirt/Leaf
7/14/2009	E	2	2:24	Avenida La Pata	0			Trash/Dirt/Leaf
7/14/2009	E	2	5:16	Avenida Vista Hermosa	0			Dirt
7/14/2009	E	2	5:52	Via Suerte	2			Dirt
7/14/2009	E	2	6:00	Calle Campanero	1			Leaf
7/14/2009	E	2	6:05	Avenida Talega	0			Trash/Leaf

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 1**

E = Early Morning, R = Residential, P = Posted

Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/14/2009	E	2	6:50	Calle Saluda	0			Leaf
7/14/2009	E	2	6:53	Calle Portofino	0			Leaf
7/14/2009	E	2	7:25	CaminoLa Pedrica	0			Trash/Leaf
7/14/2009	E	2	7:43	Calle Altea	2			Trash/Dirt/Leaf
					15	4.5	3.9	
7/14/2009	R	6	8:00	Carretera	7			Dirt/Leaf
7/14/2009	R	6	8:02	Via Blanco	7			Trash/Dirt/Leaf
7/14/2009	R	6	8:07	Penasio	0			Dirt/Leaf
7/14/2009	R	6	8:08	Arbolado	2			Leaf
7/14/2009	R	6	8:10	Bello Panorama	16			Trash/Leaf
7/14/2009	R	6	8:13	Sacramento	0			Trash/Leaf
7/14/2009	R	6	8:16	Camino Ver Cruz	0			Leaf
7/14/2009	R	6	8:17	Riachuelo	39			Dirt/Leaf
7/14/2009	R	6	8:27	Llano	16			Leaf
7/14/2009	R	6	8:31	Cerca	6			Leaf
7/14/2009	R	6	8:39	Calle Herald	32			Trash/Dirt/Leaf
7/14/2009	R	6	8:39	Arroyo	12			Trash/Dirt/Leaf
7/14/2009	R	6	8:43	Pandero	2			Leaf
7/14/2009	R	6	8:45	Caminante	5			Dirt/Leaf
7/14/2009	R	6	8:46	Otero	6			Leaf
7/14/2009	R	6	8:54	Novilunio	2			Leaf
7/14/2009	R	6	8:57	Calle Doncello	0			Leaf
7/14/2009	R	6	9:04	Penasco	14			Trash/Leaf
7/14/2009	R	6	9:19	Campo Raso	23			Trash/Dirt/Leaf
7/14/2009	R	6	9:20	Charco	0			Dirt/Leaf
7/14/2009	R	6	9:41	Costa	0			Leaf
7/14/2009	R	6	9:45	Camino Vera Cruz	0			Trash/Leaf
7/14/2009	R	6	9:51	Sacramento	0			Dirt/Leaf
7/14/2009	R	6	10:00	Camino Del Rio	0			Dirt/Leaf
					189	3.75	3.25	
TOTALS					3561	98.75	90.3	

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 2**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/22/2009	E	3	3:28	City Yard Lot				Dirt
7/22/2009	E	3	4:20	North Beach Lot	3			Dirt
7/22/2009	E	3	4:30	Cabrillo Lot	2			Dirt
7/22/2009	E	3	4:33	Del Mar	2			Leafs
7/22/2009	E	3	5:20	Library	16			Dirt
7/22/2009	E	3	5:26	Boys and Girls Club	1			Dirt
7/22/2009	E	3	6:05	Del Mar	2			Leafs
7/22/2009	E	3	6:12	Ola Vista	18			Dirt
7/22/2009	E	3	6:31	Linda Lane	5			Dirt
7/22/2009	E	3	6:37	San Forgonio Park	1			Leafs
7/22/2009	E	3	7:04	Liberty Park	4			Leafs
7/22/2009	E	3	7:25	Tierra Grande Park	0			Dirt
7/22/2009	E	3	7:45	Talega Park	2			Leafs
7/22/2009	E	3	7:57	Palizada	4			Leafs
7/22/2009	E	3	3:30	Avenida Pico	0			Trash, Dirt
7/22/2009	E	3	3:45	Via Pico Plaza	0			Trash, Dirt
7/22/2009	E	3	4:18	Calle Del Cerro	0			Leaf, Dirt
7/22/2009	E	3	4:31	Camino Vera Cruz	0			Trash, Leaf, Dirt
7/22/2009	E	3	4:37	Avenida La Pata	0			Leaf, Dirt
7/22/2009	E	3	4:40	Avenida Vista Hermosa	0			Leaf, Dirt
7/22/2009	E	3	6:18	Avenida Talega	0			Trash, Dirt, Leafs
7/22/2009	E	3	7:02	Richard Memorial park	4			
						2.25	1.95	
7/15/2009	E	3	3:30	Ave Pico	0			Trash/Dirt
7/15/2009	E	3	3:34	Via Pico Plaza	0			Trash/Dirt
7/15/2009	E	3	3:50	Calle Del Cerro	0			Trash/Dirt
7/15/2009	E	3	4:17	Camino Vera Cruz	0			Trash/Dirt/Leaf
7/15/2009	E	3	4:23	Avenida La Pata	0			Trash/Dirt
7/15/2009	E	3	4:27	Vista Hermosa	0			Trash/Dirt
7/15/2009	E	3	6:02	Avenida Talega	0			Trash/Dirt/Leaf
7/15/2009	E	3	6:54	Richard Memorial Park	2	1.5	1.3	Trash/Dirt/Leaf
					66	3.75	3.25	
7/15/2009	R	11	8:02	Trafalgar Lane	43			Trash/Dirt/Leaf
7/15/2009	R	11	8:10	Ave Caldiz	31			Leaf
7/15/2009	R	11	8:16	Barcelona	36			Trash/Leaf
7/15/2009	R	11	8:26	Esplanade	39			Trash/Leaf
7/15/2009	R	11	8:37	W. Santiago	26			Trash/Leaf
7/15/2009	R	11	8:43	W. Paseo De Cristobal	47			Dirt/leaf
7/15/2009	R	11	8:47	W Cordoba	32			Dirt/leaf
7/15/2009	R	11	8:51	W Ave Gaviota	52			Dirt/leaf
7/15/2009	R	11	8:55	W. Ave Valencia	31			Trash/Leaf
7/15/2009	R	11	8:57	S. Ola Vista	13			Trash/Dirt/Leaf
7/15/2009	R	11	9:06	La Rambla	10			Leaf
7/15/2009	R	11	9:08	Poco Paseo	3			Trash/Dirt/Leaf
7/15/2009	R	11	9:41	Calle Toledo	5			Dirt/Leaf
7/15/2009	R	11	9:45	Valle Conchita	6			Dirt/Rock
7/15/2009	R	11	9:47	Vista Marina	11			Leaf
7/15/2009	R	11	10:08	Ave Princesa	29			Leaf
7/15/2009	R	11	10:24	Ave Del Presidente	0			Leaf
7/15/2009	R	11	10:25	Alley	0			Trash/Leaf

**CITY OF SAN CLEMENTE
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E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
					414	3	2.6	
7/16/2009	E	4	3:30	Ave Pico	0			Trash/Dirt/Leaf
7/16/2009	E	4	4:03	Los Molinos	0			Trash/Dirt/Leaf
7/16/2009	E	4	4:03	Rincon	0			Dirt
7/16/2009	E	4	4:06	Calle Valle	1			Rock/Trash/Leaf/Dirt
7/16/2009	E	4	4:09	Calle De Los Molinos	20			Trash/Dirt/Leaf
7/16/2009	E	4	4:12	Calle Bonito	0			Dirt/Leaf
7/16/2009	E	4	4:16	Alley Los Obreros	0			Trash/Dirt/Leaf
7/16/2009	E	4	4:23	De La Estrella	2			Grass/Trash/Dirt/Leaf
7/16/2009	E	4	4:30	Calle De Industrias	0			Dirt/Leaf
7/16/2009	E	4	4:34	Ave Navarro	6			Trash/Leaf
7/16/2009	E	4	4:55	Presidio	0			Trash/Dirt/Leaf
7/16/2009	E	4	5:14	Avenida La Pata	0			Dirt/Leaf
7/16/2009	E	4	5:15	Calle Calejon	0			Dirt/Leaf
7/16/2009	E	4	5:25	Calle Ialesia	6			Trash/Dirt/Leaf
7/16/2009	E	4	5:30	Pintersco	5			Trash/Dirt/Leaf
7/16/2009	E	4	5:33	Fabricante	0			Trash/Dirt/Leaf
7/16/2009	E	4	5:58	Calle Alicante	0			Trash/Leaf
7/16/2009	E	4	5:59	Puerta Del Sol	0			Trash/Leaf
7/16/2009	E	4	6:03	Calle Batido	0			Dirt/Leaf
7/16/2009	E	4	6:05	Camino Kelosia	0			Leaf
7/16/2009	E	4	6:08	Avanzado	1			Dirt/Leaf
7/16/2009	E	4	6:33	Calle Tabasco	0			Trash/Leaf
					41	4.5	3.9	
7/16/2009	R	12	7:45	W. San Antonio	9			Dirt
7/16/2009	R	12	7:50	Cornelio	6			Seeds/Leaf
7/16/2009	R	12	7:54	Junipero	16			Trash/Leaf
7/16/2009	R	12	7:55	W. Ave San Gabriel	17			Dirt/Leaf
7/16/2009	R	12	8:02	San Gabriel	20			Leaf
7/16/2009	R	12	8:05	San Pablo	14			Park/Leaf
7/16/2009	R	12	8:10	E. Ave Junipero	9			Trash/Dirt/Leaf
7/16/2009	R	12	8:11	Ave Trieste	7			Leaf
7/16/2009	R	12	8:16	Entrada Paraiso	12			Rock/Trash/Leaf/Dirt
7/16/2009	R	12	8:17	Calle Reala	1			Leaf
7/16/2009	R	12	8:22	E. Ave Cornello	14			Rock/Twigs/Leaf
7/16/2009	R	12	8:26	E. Ave Ramona	18			Leaf/Dirt
7/16/2009	R	12	8:30	Cerrito Cielo	2			Leaf/Dirt
7/16/2009	R	12	8:32	Arriba Linda	5			Rock/Dirt
7/16/2009	R	12	8:38	E. Ave San Antonio	7			Dirt/Leaf
7/16/2009	R	12	8:42	E. Ave San Juan	12			Trash/Leaf
7/16/2009	R	12	8:44	Calle Maria	0			Rock
7/16/2009	R	12	8:45	Calle Leticia	1			Leaf/Rock
7/16/2009	R	12	8:50	Calle Mayita	2			Rock
7/16/2009	R	12	8:54	La Cima	2			Leaf
7/16/2009	R	12	8:57	Ave Salvador	55			Trash/Leaf
7/16/2009	R	12	9:12	Buena Suerte	10			Trash/Leaf
7/16/2009	R	12	9:13	Vista Cayenta	2			Dirt/Twigs/Leaf
7/16/2009	R	12	9:15	Vista Valinda	7			Leaf
7/16/2009	R	12	9:17	Vista Cantora	1			Trash/Dirt/Leaf
7/16/2009	R	12	9:18	Vista Alcedo	1			Dirt/Leaf
7/16/2009	R	12	9:26	S. La Esperanza	42			Leaf

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E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/16/2009	R	12	9:28	E. Avenida Cordoba	9			Rock/Leaf
7/16/2009	R	12	9:30	Avenida Arlena	0			Trash/Leaf
7/16/2009	R	12	9:41	Calle Esmarca	11			Rock/Leaf
7/16/2009	R	12	9:42	Calle Alta	0			Leaf
7/16/2009	R	12	9:45	Calle Patricia	14			Trash/Leaf
7/16/2009	R	12	9:46	Via Bobina	9			Trash/Dirt/Leaf
7/16/2009	R	12	10:38	E Ave De Los Lobos Marinc	4			Leaf/Dirt
7/16/2009	R	12	10:40	Alrazak	9			Dirt/Leaf
7/16/2009	R	12	10:43	Ave Verde	4			Dirt
7/16/2009	R	12	10:47	Ladera Lane	0			Leaf/Dirt
7/16/2009	R	12	10:51	Via Avila	8			Dirt
7/16/2009	R	12	10:53	Via La Jolla	9			Leaf/Dirt
7/16/2009	R	12	10:56	Via Catalina	0			Leaf/Dirt
7/16/2009	R	12	10:58	Via La Mesa	5			Leaf/Dirt
7/16/2009	R	12	11:12	San Gabriel	16			Dirt/Leaf
					390	4.5	3.9	
7/17/2009	E	5	3:30	Calla Amanacer	0			Trash/Dirt/Leaf
7/17/2009	E	5	4:02	Calle Negocio	3			Dirt/Leaf
7/17/2009	E	5	4:06	Trepadora	0			Leaf
7/17/2009	E	5	4:14	Cordillera	0			Trash/Leaf
7/17/2009	E	5	4:25	Sombra	0			Dirt/Leaf
7/17/2009	E	5	4:33	Recodo	7			Trash/Dirt/Leaf
7/17/2009	E	5	4:40	Camino Vera Cruz	0			Trash/Dirt
7/17/2009	E	5	4:45	Avenida La Pata	0			Trash/Dirt/Leaf
7/17/2009	E	5	4:53	Avenida Vista Hermosa	0			Trash/Dirt
7/17/2009	E	5	5:54	Campanero	2			Dirt/Leaf
7/17/2009	E	5	6:00	Suereta	0			Dirt
7/17/2009	E	5	6:01	Talegel	0			Dirt
7/17/2009	E	5	6:23	Tierra Grande	0			Leaf
7/17/2009	E	5	6:35	Calle Portafino	0			Dirt/Leaf
7/17/2009	E	5	6:41	Calle Saluda	0			Trash/Dirt/Leaf
7/17/2009	E	5	7:05	Camino La Pedriza	0			Trash/Leaf
7/17/2009	E	5	7:53	Altea	5			Trash/Dirt
					17	4.5	6.9	
7/20/2009	E	1	3:41	El Camino Real	0			Dirt
7/20/2009	E	1	3:54	North Beach Lots	2			Leafs
7/20/2009	E	1	4:09	Avenida pico				Dirt
7/20/2009	E	1	4:10	El Camino Real				Leafs
7/20/2009	E	1	4:29	El Camino Real				Dirt
7/20/2009	E	1	4:46	Christianitos				Leafs
7/20/2009	E	1	4:48	El Camino Real	40			Dirt
7/20/2009	E	1	4:55	Magdalena	11			Dirt
7/20/2009	E	1	5:10	Avenida Presidio	0			Dirt
7/20/2009	E	1	5:13	Del Mar	12			Leafs
7/20/2009	E	1	5:29	Avenida Palizada	0			Dirt
7/20/2009	E	1	5:37	Calle Lago	0			Leafs
7/20/2009	E	1	5:59	Avenida Mendecino	0			Leafs
7/20/2009	E	1	6:17	Del Mar	14			Dirt
7/20/2009	E	1	6:24	Ola Vista	4			Dirt
7/20/2009	E	1	6:28	Victoria Parking Lot	0			Dirt
7/20/2009	E	1	6:34	Calle Puente	19			Leafs

**CITY OF SAN CLEMENTE
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E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/20/2009	E	1	7:13	Presidido				Dirt
7/20/2009	E	1	7:14	Escuela	87			Dirt
7/20/2009	E	1	7:16	De Juego	10			Leafs
7/20/2009	E	1	7:17	Calle Salida	17			Dirt
7/20/2009	E	1	7:20	Sandia	3			Dirt
7/20/2009	E	1	7:23	Calle Miguel	2			Leafs
7/20/2009	E	1	7:25	Empalme	1			Leafs
7/20/2009	E	1	7:29	Calle Fiosh	1			Dirt
7/20/2009	E	1	7:34	Calle Diablo	5			Leafs
7/20/2009	E	1	7:35	Villario	10			Dirt
7/20/2009	E	1	7:37	Delicada	2			Dirt
7/20/2009	E	1	7:38	Felicidad	1			Leafs
7/20/2009	E	1	7:40	Dorado	5			Dirt
7/20/2009	E	1	7:45	Calle Rico	3			Leafs
7/20/2009	E	1	7:46	Dorado	6			Dirt
7/20/2009	E	1	7:49	Calle Dorado	16			Dirt
7/20/2009	E	1	7:52	Miguel	0			Leafs
7/20/2009	E	1	7:52	Rescador	11			Leafs
7/20/2009	E	1	3:30	Pico Avenue	0			Leafs, Trash, Dirt
7/20/2009	E	1	3:47	Los Molinos	13			Trash, Dirt, Leafs
7/20/2009	E	1	3:48	Rincon	0			Dirt
7/20/2009	E	1	3:50	Calle Valle	2			Leafs,Trash, Dirt
7/20/2009	E	1	3:56	Calle Bonito	0			Leafs,Dirt
7/20/2009	E	1	4:00	Los Obreros	0			Leafs, Drt
7/20/2009	E	1	4:03	De la Estrella	1			Trash, Leafs, Dirt
7/20/2009	E	1	4:11	Avenida Navarro	12			Trash, Dirt
7/20/2009	E	1	4:12	Calle De Industrias	0			Trash, Leafs, Dirt
7/20/2009	E	1	4:15	Via Pico Plaza	0			Leafs
7/20/2009	E	1	4:55	Presidio	0			Trash, Leafs, Dirt
7/20/2009	E	1	5:08	Avenida La Pata	1			Leafsa
7/20/2009	E	1	5:12	Avenida Callejon	0			Leafs, Trash, Dirt
7/20/2009	E	1	5:18	Iglesia	4			Leafs, Dirt
7/20/2009	E	1	5:23	Calle Pintoresco	4			Leafs, Dirt
7/20/2009	E	1	5:26	Avenida Fabricante	0			Leafs
7/20/2009	E	1	6:02	Calle Aliacante	0			Leafs
7/20/2009	E	1	6:03	Puerta Del Sol	0			Leafs, Dirt
7/20/2009	E	1	6:06	Calle Batido	0			Dirt
7/20/2009	E	1	6:10	Camino Celosia	0			Leafs, Dirt
7/20/2009	E	1	0:00	Avanca	1			Trash, Leafs
7/20/2009	E	1	6:23	Tabarco	0			
					320	4.5	3.9	
7/20/2009	R	1	7:57	Felicidad	14			Dirt
7/20/2009	R	1	8:01	Delicado	5			Leafs
7/20/2009	R	1	8:05	Villario	3			Dirt
7/20/2009	R	1	8:18	Familia	4			
7/20/2009	R	1	8:19	Miguel	0			
7/20/2009	R	1	8:21	Pueblo	2			
7/20/2009	R	1	8:23	Christan Creek	3			
7/20/2009	R	1	8:39	Empalme	6			
7/20/2009	R	1	8:42	Presidio	11			
7/20/2009	R	1	8:51	Mendoza	5			

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Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/20/2009	R	1	8:55	Delicada	4			
7/20/2009	R	1	8:59	Familia	7			
7/20/2009	R	1	9:01	Empalme	32			
7/20/2009	R	1	9:04	Fiesta	3			
7/20/2009	R	1	9:07	Neblino	4			
7/20/2009	R	1	9:10	Pueblo	7			
7/20/2009	R	1	9:14	Robles	5			
7/20/2009	R	1	9:35	San Pablo	22			
7/20/2009	R	1	9:36	La Serena	3			
7/20/2009	R	1	9:53	Ensueno	6			
					146		5.5	
7/20/2009	R	9	7:12	Magdalena	13			Grass, Dirt, Leafs
7/20/2009	R	9	7:16	Crespi	17			Leafs, Trash
7/20/2009	R	9	7:22	Calle Gomez	5			Leafs
7/20/2009	R	9	7:23	Ortega	5			Dirt, Leafs
7/20/2009	R	9	7:25	Del Cerrito	4			Dirt, Leafs
7/20/2009	R	9	7:26	Del Rito	4			Dirt, Leafs
7/20/2009	R	9	7:27	Ardilla	3			Dirt, Leafs
7/20/2009	R	9	7:36	Bahia	0			Leafs, Dirt
7/20/2009	R	9	7:42	Santa Margarita	0			Leaf
7/20/2009	R	9	7:45	Lota	5			Dirt, Leafs
7/20/2009	R	9	7:54	Costanso	7			Leaf, Dirt
7/20/2009	R	9	8:00	San Luis Rey	15			Trash, Leafs
7/20/2009	R	9	8:14	Santa Inez	20			Leafs, Dirt
7/20/2009	R	9	8:16	Dominguez	22			Leafs, Dirt
7/20/2009	R	9	8:18	San Dimas	19			Leafs
7/20/2009	R	9	8:22	San Fernando	24			Dirt, Leafs
7/20/2009	R	9	8:27	Buena Ventura	27			Dirt, Leafs
7/20/2009	R	9	8:32	Santa margarita	54			Dirt, Leafs
7/20/2009	R	9	8:37	Dolores	1			Leafs
7/20/2009	R	9	8:37	San Diego	20			Leafs
7/20/2009	R	9	8:41	Lucia	7			Dirt, Leafs
7/20/2009	R	9	8:49	Carmelo	8			Dirt
7/20/2009	R	9	8:54	Pala	0			Leafs, Dirt
7/20/2009	R	9	9:07	Del Comercio	5			Dirt, Leafs
7/20/2009	R	9	9:31	E. Ave. Magdalena	0			Leafs, Rock, Dirt
7/20/2009	R	9	9:34	Los Bautismos	8			Leafs
7/20/2009	R	9	9:41	Acapulco	23			Leafs, Dirt
7/20/2009	R	9	9:44	Via Cisco	6			Leafs, Dirt
7/20/2009	R	9	9:45	Via Taluca	0			Leafs, Dirt
7/20/2009	R	9	9:53	La Pata	4			Leafs, Dirt
					326	5.25	4.5	
7/22/2009	P	7B	8:56	Loma Lane	0			Dirt
7/22/2009	P	7B	9:01	Ave. Palicada	6			Leafs
7/22/2009	P	7B	9:03	Aresno	6			Dirt
7/22/2009	P	7B	9:10	Avenida Miramar	1			Leafs
7/22/2009	P	7B	9:14	Avenida Serra	5			Dirt
7/22/2009	P	7B	9:23	N. Ola Vista	4			Dirt
7/22/2009	P	7B	9:29	Encino Lane	1			Leafs

**CITY OF SAN CLEMENTE
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2009-CYCLE 2**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/22/2009	P	7B	9:32	Granada	1			Dirt
7/22/2009	P	7B	9:37	Cabrillo	1			Leafs
7/22/2009	P	7B	9:41	Seville	2			Dirt
7/22/2009	P	7B	9:43	Cabrillo	3			Leafs
7/22/2009	P	7B	9:50	Granada	2			Leafs
7/22/2009	P	7B	10:03	Victoria	3			Leafs
7/22/2009	P	7B	10:11	Santa Barbara	9			Leafs
7/22/2009	P	7B	10:20	Santa Barbara	6			Dirt
7/22/2009	P	7B	10:27	Rosa	1			Dirt
7/22/2009	P	7B	10:29	Ola Vista	0			Leafs
7/22/2009	P	7B	10:20	Rosa	0			Dirt
7/22/2009	P	7B	10:35	Monterey	4			Leafs
7/22/2009	P	7B	10:41	Mateo	0			Dirt
7/22/2009	P	7B	10:42	Alagador	1			Leafs
7/22/2009	P	7B	10:45	Monterey	5			Dirt
7/22/2009	P	7B	10:47	Madrid	2			Leafs
					63	2.25	3	
7/22/2009	P	15A	9:03	Deschecia	3			Trash, Dirt, Leafs
7/22/2009	P	15A	9:05	Calle Las Bolas	8			Trash,Grass, Dirt
7/22/2009	P	15A	9:09	Avenida Florencia	3			Leafs, Grass, Dirt
7/22/2009	P	15A	9:11	Avenida Hacienda	0			Leafs
7/22/2009	P	15A	9:12	Calle Sacramento	0			Trash, Dirt, Leafs
7/22/2009	P	15A	9:17	Pelayo	13			Trash, Dirt, Leafs
7/22/2009	P	15A	9:17	Buena Vista	5			Trash, Dirt, Leafs
7/22/2009	P	15A	9:20	Dije	1			Dirt, Leafs
7/22/2009	P	15A	9:21	Calle Colina	0			Leaf
7/22/2009	P	15A	9:26	Miador	4			Dirt
7/22/2009	P	15A	9:27	Del Reposo	0			Leafs, Trash
7/22/2009	P	15A	9:31	De LaGrulls	8			Dirt, Trash, Leafs
7/22/2009	P	15A	9:39	Calle puente	5			Leafs
7/22/2009	P	15A	9:58	Aragon	12			Trash, Leafs
7/22/2009	P	15A	10:13	El Portal	0			Trash,Dirt, Leafs
7/22/2009	P	15A	10:15	El Prado	1			Leafs
7/22/2009	P	15A	10:17	Del Poniente	2			Trash, Leafs
7/22/2009	P	15A	10:25	Canada	8			Trash, Leafs
7/22/2009	P	15A	10:47	W. El Portal	4			Trash, Dirt
7/22/2009	P	15A	10:48	Calle Oso	0			Trash, Leafs
7/22/2009	P	15A	10:53	W. Avenida Mariposa	1			Leafs
7/22/2009	P	15A	10:55	W. Avenida Escallones	1			Trash, Leafs, Dirt
7/22/2009	P	15A	11:04	Mariposa	3			Trash, Leafs
7/22/2009	P	15A	11:11	La Paloma	0			Trash, Leafs
7/22/2009	P	15A	11:15	W. Avenida Marquita	4			Leafs
7/22/2009	P	15A	11:27	Avenida Sde La Estrella	4			Leafs
7/22/2009	P	15A	11:30	La Ronda	2			Dirt, Trash, Leafs
7/22/2009	P	15A	11:36	Chiquita	0			Dirt, Leafs
7/22/2009	P	15A	11:40	E. Mariposa	0			Trash, Leafs
7/22/2009	P	15A	11:45	E. Mariquita	0			Trash, Leafs
					92	3	2.6	
7/23/2009	E	4	4:00	Avenida Pico	0			Leafs,Trash, Dirt
7/23/2009	E	4	4:01	Los Molinos	5			Trash, Dirt
7/23/2009	E	4	4:05	Calle Bomito	0			Leafs

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 2**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/23/2009	E	4	4:09	Calle Valle				Leafs, Dirt
7/23/2009	E	4	4:11	Los Obreros	0			Trash, Dirt, Leafs
7/23/2009	E	4	4:16	De La Estrella	0			Leafs, Trash, Dirt
7/23/2009	E	4	4:21	Via Pico Plaza	0			Dirt, Leafs
7/23/2009	E	4	4:28	Presidio	0			Dirt,Trash,Leafs
7/23/2009	E	4	5:09	Avenida La pata	0			Trash, Grass, Dirt, L
7/23/2009	E	4	6:51	Call Del Cerro	0			Trash, Leafs,Dirt
7/23/2009	E	4	7:03	Avenida Vista Montana	0			Leafs
7/23/2009	E	4	7:07	Calle Aguila	0			Trash, Leafs
7/23/2009	E	4	7:40	Pasadero	13			Trash, Leafs
					18			
7/23/2009	P	16A	9:01	Calle Mirador				Trash, Leafs
7/23/2009	P	16A	9:12	Florencia	1			Trash, Leafs
7/23/2009	P	16A	9:13	Los Bolas	12			Leafs, Dirt, Trash
7/23/2009	P	16A	9:20	Calle Sacramento	2			Trash,Leafs
7/23/2009	P	16A	9:21	Calle Colonia	2			Trash, Leafs
7/23/2009	P	16A	9:23	Buena Vista	11			Trash, Leafs
7/23/2009	P	16A	9:27	Dije	1			Leafs
7/23/2009	P	16A	9:30	Pelayo	11			Trash, Leafs
7/23/2009	P	16A	9:37	Hacienda	1			Leafs
7/23/2009	P	16A	9:39	De La Grulla	1			Leafs
7/23/2009	P	16A	9:40	Del Reposo				Trash, Leafs
7/23/2009	P	16A	9:52	Calle Puente	5			Trash, Leafs
7/23/2009	P	16A	10:00	Aragon				Trash, Leafs
7/23/2009	P	16A	10:06	El Portal	3			Trash,Leafs
7/23/2009	P	16A	10:10	Calle Oso	2			Trash, Dirt, Leafs
7/23/2009	P	16A	10:11	W. El Portal	3			Leafs
7/23/2009	P	16A	10:22	Del Poniente	1			Dirt, Leafs
7/23/2009	P	16A	10:25	W. Canada	6			Dirt, Leafs
7/23/2009	P	16A	10:32	W. Escalones	4			Trash, Leafs
7/23/2009	P	16A	10:48	W. Mariposa	11			Trash, Leafs
7/23/2009	P	16A	11:02	W. Mariquita	3			Trash
7/23/2009	P	16A	11:09	La Paloma				Leafs
7/23/2009	P	16A	11:32	La Ronda	5			Leafs, Dirt
7/23/2009	P	16A	11:35	Chiquita	0			Trash, Dirt
7/23/2009	P	16A	11:37	E. El Portal	0			Trash, Leafs
7/23/2009	P	16A	11:40	E. Canada	0			Trash, Leafs
7/23/2009	P	16A	11:42	E. Escalones	0			Tras, Leafs
7/23/2009	P	16A	11:43	De la Estrell	0			Trash, Leafs
7/23/2009	P	16A	11:43	E. Mariposa	1			Trash, Leafs
7/23/2009	P	16A	11:46	E. Mariquita	3			Trash, Dirt, Leafs
					89	4.5	3.9	
TOTALS					1961	37.5	42	

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/5/2009	R	3	4:34	Faro	30			Leaf/Dirt
8/5/2009	R	3	7:39	Calle Cuadra	2			Leaf/Dirt
8/5/2009	R	3	7:40	Calle Paisano	5			Leaf
8/5/2009	R	3	7:43	Calle Burro	10			Grass/Dirt
8/5/2009	R	3	7:46	Calle Luego	1			Leaf
8/5/2009	R	3	7:47	Calle Macho	4			Leaf
8/5/2009	R	3	7:50	Calle Sppreso	0			Leaf
8/5/2009	R	3	7:55	Via Chueca	11			Dirt
8/5/2009	R	3	7:57	Calle Gaucho	2			Leaf/Dirt
8/5/2009	R	3	8:06	Calle Amigo	7			Leaf/Dirt
8/5/2009	R	3	8:07	Calle Descanso	9			Leaf
8/5/2009	R	3	8:15	Calle Embocadura	2			Leaf
8/5/2009	R	3	8:18	Calle Fierros	7			Leaf
8/5/2009	R	3	8:27	Calle Ganadero	7			Leaf/Dirt
8/5/2009	R	3	8:30	Calle Juarez	9			Leaf/Dirt
8/5/2009	R	3	8:31	Calle Baranda	5			Leaf
8/5/2009	R	3	8:35	Via Juarez	2			Leaf
8/5/2009	R	3	8:39	Calle Guadalajara	2			Leaf
8/5/2009	R	3	8:43	Calla Hidalgo	4			Leaf/Dirt
8/5/2009	R	3	8:48	Calle Corral	4			Leaf
8/5/2009	R	3	8:50	Calla Reata	3			Leaf/Dirt
8/5/2009	R	3	8:56	Calle Vallarata	21			Leaf
8/5/2009	R	3	8:57	Calla Cumbre	2			Leaf/Dirt
8/5/2009	R	3	9:02	Acantilado	2			Leaf
8/5/2009	R	3	9:11	Camino De Los Mares	24			Leaf
8/5/2009	R	3	9:30	Calle Nuevo	1			Leaf/Dirt
8/5/2009	R	3	9:31	Via Amapola	6			Leaf
8/5/2009	R	3	9:34	Call Piedras	0			Leaf/Dirt
8/5/2009	R	3	9:39	Calle Guadalajara	8			Leaf/Dirt
8/5/2009	R	3	9:49	Calle Estebano	8			Leaf
8/5/2009	R	3	9:57	Via Morado	2			Leaf/Dirt
8/5/2009	R	3	10:03	Calle Valarata	7			Leaf Dirt
8/5/2009	R	3	10:06	Calle Amable	4			Leaf
8/5/2009	R	3	10:10	Calle Brisa	13			Dirt
8/5/2009	R	3	10:13	Calle Contenta	6			Grass/Leaf
8/5/2009	R	3	10:18	Calle Dulce	5			Leaf
8/5/2009	R	3	10:23	Calle Guadalajara	0			Leaf
8/5/2009	R	3	10:27	Calle Hidalgo	4			Leaf
8/5/2009	R	3	10:29	Via Hidalgo	2			Leaf
8/5/2009	R	3	10:33	Calle Juarez	10			Leaf
8/5/2009	R	3	10:34	Calle Frontera	23			Lear/Dirt
						7.5	6.75	
8/5/2009	E	3	3:30	Avenida Pico	0			Trash/Leaf/Dirt
8/5/2009	E	3	3:33	Via Pico Plaza	0			Lear/Dirt
8/5/2009	E	3	3:56	Calle Del Cerro	0			Trash/Dirt

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/5/2009	E	3	4:18	Camino Vera Cruz	0			Leaf/Dirt
8/5/2009	E	3	4:25	Avenida La Pata	0			Trash/Dirt
8/5/2009	E	3	4:28	Avenida Vista Hermosa	0			Trash/Dirt
8/5/2009	E	3	5:40	Avenida Talega	0			Trash/Leaf/Dirt
8/5/2009	E	3	6:30	Richard Steede Park	0			Trash/Leaf/Dirt
8/5/2009	E	3	7:22	Calle Fronterra	7	1.25	2.5	Trash/Leaf/Dirt
7/29/2009	E	3	4:08	City Yard Lot	6			
7/29/2009	E	3	5:00	Del Mar	3			
7/29/2009	E	3	5:08	City Hall Lot	14			
7/29/2009	E	3	5:16	Cristobal	5			
7/29/2009	E	3	6:03	Del Mar	15			
7/29/2009	E	3	6:10	Parque Del Mar	23			
7/29/2009	E	3	6:37	Linda	2			
7/29/2009	E	3	6:42	Mecha	0			
7/29/2009	E	3	7:16	Boys & Girls Club	3			
7/29/2009	E	3	7:28	Parking Lot	6			
7/29/2009	E	3	7:54	Tierra Grande Park	4			
7/29/2009	E	3	8:02	Liberty Club	1			
7/29/2009	E	3	8:14	Talega Park	3			
					366	8.75	9.25	
7/30/2009	E	4	3:36	El camino Real	0			Dirt
7/30/2009	E	4	3:57	Camino De Los Mares	0			Dirt
7/30/2009	E	4	4:05	Avenida Presidio	0			Dirt
7/30/2009	E	4	5:07	El Camino Real	2			Leafs
7/30/2009	E	4	5:08	Del Mar	11			Dirt
7/30/2009	E	4	5:20	Cabrillo	0			Leafs
7/30/2009	E	4	5:21	El Camino Real	0			Dirt
7/30/2009	E	4	5:23	Palizada	0			Dirt
7/30/2009	E	4	5:26	El Camino Real	0			Leafs
7/30/2009	E	4	5:30	Escalones	1			Leafs
7/30/2009	E	4	5:31	El Camino Real	0			Dirt
7/30/2009	E	4	5:32	Canada	1			Dirt
7/30/2009	E	4	5:33	El Portal	2			Leafs
7/30/2009	E	4	5:34	El Camino Real	1			Dirt
7/30/2009	E	4	5:39	Lago	0			Dirt
7/30/2009	E	4	5:43	El Camino Real	4			Dirt
7/30/2009	E	4	6:09	Del Mar	16			Dirt
7/30/2009	E	4	6:16	Ola Vista	1			Leafs
7/30/2009	E	4	6:20	Granada Lots				Lea
7/30/2009	E	4	6:20	Ola Vista	1			Leafs
7/30/2009	E	4	6:35	Camino Capistrano	18			Leafs
7/30/2009	E	4	6:38	Camino Capistrano	11			Leafs

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
7/30/2009	E	4	6:44	De La Playa	3			Dirt
7/30/2009	E	4	6:48	Deshchecha	0			Dirt
					72	2	4.5	
7/31/2009	E	5	3:57	Camino De Lajon	0			
7/31/2009	E	5	4:20	El Camino Real	0			
7/31/2009	E	5	4:32	El Camino Real	38			
7/31/2009	E	5	4:34	Christianitos	7			
7/31/2009	E	5	5:28	El Camino Real	0			
7/31/2009	E	5	5:56	Del Mar	10			
7/31/2009	E	5	6:17	San Luis Rey	3			
7/31/2009	E	5	6:37	Del Mar	11			
7/31/2009	E	5	7:12	Camino De Los Mares	0			
7/31/2009	E	5	7:34	Camino De Los Mares	0			
7/31/2009	E	5	7:50	Calle Agua	4			
7/31/2009	E	5	7:57	Camino De Estrella	0			
7/31/2009	E	5	7:59	Camino Mira Costa	20			
7/31/2009	E	5	8:08	Camino Capistrano	6			
8/10/2009	R	5	3:30	Ave Pico	0			Trash/Leaf/Dirt
8/10/2009	R	5	4:10	Los Molinos	23			Trash/Leaf
8/10/2009	R	5	4:12	Calle Valle	3			Trash/Leaf/Dirt
8/10/2009	R	5	4:18	Los Obreros	0			Trash/Dirt
8/10/2009	R	5	4:32	Via Pico Plaza	0			Trash/Leaf/Dirt
8/10/2009	R	5	4:39	Presidio	0			Trash/Leaf
8/10/2009	R	5	4:56	Avenida La Pata	0			Trash/Leaf/Dirt
8/10/2009	R	5	5:00	Callejon	0			Leaf/Dirt
8/10/2009	R	5	5:07	Iglesia	2			Trash/Dirt
8/10/2009	R	5	5:09	Calle Pintoresco	6			Leaf/Dirt
8/10/2009	R	5	5:12	Fabricante	1			Leaf/Dirt
8/10/2009	R	5	6:04	Ave Vista Hermosa	6			Leaf/Dirt
8/10/2009	R	5	6:04	Del Sol	0			Trash/Leaf
8/10/2009	R	5	6:09	Calle Alicante	0			Leaf
8/10/2009	R	5	6:10	Batido	0			Trash/Dirt
8/10/2009	R	5	6:19	Camino Kelosia	0			Dirt
8/10/2009	R	5	6:20	Avaneado	3			Leaf
8/10/2009	R	5	6:32	Tobacco	0			Leaf
8/10/2009	R	5	6:54	Navarro	15			Trash/Dirt
8/10/2009	R	5	7:00	Calle Industrias	3			Leaf/Dirt
8/10/2009	R	5	9:10	Calle Real	12			Leaf/Dirt
8/10/2009	R	5	9:17	Via Manzana	13			Leaf/Dirt
8/10/2009	R	5	9:18	Via Del Campo	8			Leaf/Dirt
8/10/2009	R	5	9:26	Calle Anta Lucia	21			Leaf/Dirt
8/10/2009	R	5	9:32	Bienvenido	42			Leaf/Dirt
8/10/2009	R	5	9:34	Actino	4			Leaf

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/10/2009	R	5	9:38	Calle Abril	4			Leaf
8/10/2009	R	5	9:40	Via Sacramento	5			Leaf
8/10/2009	R	5	9:43	Calle Monterey	12			Leaf
8/10/2009	R	5	9:50	Calle Mayo	23			Leaf
8/10/2009	R	5	9:55	Calle Juno	22			Leaf/Dirt
8/10/2009	R	5	11:10	Calle Guaymas	20			Leaf
8/10/2009	R	5	11:11	Calle La Vista	47			Trash/Leaf
8/10/2009	R	5	11:17	Calle Borrego	13			Leaf
8/10/2009	R	5	11:22	Via Breve	4			Leaf
8/10/2009	R	5	11:23	La Ventana	11			Trash/Leaf
8/10/2009	R	5	11:26	Monte Vista	16			Trash/Leaf
						6	5.2	
7/31/2009	E	5	3:33	Calla Negocio	0			Trash/Leaf/Dirt
7/31/2009	E	5	3:34	Trepadora	0			Leaf/Dirt
7/31/2009	E	5	3:44	Cordillera	0			Leaf/Dirt
7/31/2009	E	5	3:51	Sombra	0			Trash/Leaf/Dirt
7/31/2009	E	5	3:58	Recodo	0			Leaf/Dirt
7/31/2009	E	5	4:05	Camino Vera Cruz	0			Trash/Leaf/Dirt
7/31/2009	E	5	4:11	Avenida La Pata	0			Leaf/TrashDirt
7/31/2009	E	5	4:14	Avenida Vista Hermosa	0			Trash/Dirt
7/31/2009	E	5	5:33	Avenida Talega	0			Trash/Dirt
7/31/2009	E	5	5:45	Calle Saladon	0			Trash/Leaf/Dirt
7/31/2009	E	5	5:56	Call Portofino	0			Leaf
7/31/2009	E	5	6:02	Via Sarte	2			Leaf
7/31/2009	E	5	6:05	Calle Campanero	0			Trash/Leaf
					440	4.5	2.9	
8/3/2009	E	1	3:30	Ave Pico	0			Trash/Leaf/Dirt
8/3/2009	E	1	3:31	Via Pico Plaza	0			Trash/Leaf/Dirt
8/3/2009	E	1	3:32	Calle De Industrias	0			Leaf/Dirt
8/3/2009	E	1	3:36	Los Molinos	11			Trash/Leaf
8/3/2009	E	1	3:06	Rincon	0			Trash/Leaf
8/3/2009	E	1	3:58	Calle Valle	2			Trash/Leaf
8/3/2009	E	1	4:03	Calle Bonito	0			Trash/Leaf/Dirt
8/3/2009	E	1	4:09	Los Obreros	0			Trash/Leaf/Dirt
8/3/2009	E	1	4:14	De La Estrella	1			Trash/Leaf/Dirt
8/3/2009	E	1	4:20	Ave Navarro	8			Trash/Leaf/Dirt
8/3/2009	E	1	4:44	Avenida La Pata	0			Trash/Leaf/Dirt
8/3/2009	E	1	4:50	Callejon	0			Trash/Leaf/Dirt
8/3/2009	E	1	5:01	Calle Iglesia	11			Leaf/Dirt
8/3/2009	E	1	5:04	Calle Pintoresco	12			Leaf/Dirt
8/3/2009	E	1	5:10	Fabricatute	0			Leaf/Dirt

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/3/2009	E	1	5:33	Calle Alicante	0			Leaf
8/3/2009	E	1	5:34	Puerta Del Sol	0			Leaf/Dirt
8/3/2009	E	1	5:38	Calle Batido	0			Leaf/Dirt
8/3/2009	E	1	5:40	Camino Celosia	0			Leaf/Dirt
8/3/2009	E	1	5:43	Calle Avanzado	12			Leaf/Dirt
8/3/2009	E	1	7:00	Presidio	0			Trash/Leaf
8/3/2009	E	1	3:28	El Camino Real	0			Leaves
8/3/2009	E	1	3:36	El Camino Real	0			Dirt
8/3/2009	E	1	3:41	North Beach Lots	1			Dirt
8/3/2009	E	1	4:02	El Camino Real	0			Leaves
8/3/2009	E	1	4:03	Ave Pico	0			Leaves
8/3/2009	E	1	4:15	El Camino Real	0			Dirt
8/3/2009	E	1	4:22	El Camino Real	0			Leaves
8/3/2009	E	1	4:42	El Camino Real	36			Dirt
8/3/2009	E	1	4:44	Christianitos				Dirt
8/3/2009	E	1	4:58	Magdallena	11			Dirt
8/3/2009	E	1	5:09	Ave Presidio	0			Leaves
8/3/2009	E	1	5:11	El Camino Real	5			Leaves
8/3/2009	E	1	5:13	Del Mar	9			Leaves
8/3/2009	E	1	5:25	El Camino Real	0			Leaves
8/3/2009	E	1	5:27	Palizada	0			Dirt
8/3/2009	E	1	5:30	El Camino Real	0			Dirt
8/3/2009	E	1	5:39	El Camino Real	0			Dirt
8/3/2009	E	1	7:04	Calle Puente	3			Leaves
8/3/2009	E	1	7:05	El Fuente	2			Leaves
8/3/2009	E	1	7:06	El Prado	5			Dirt
8/3/2009	E	1	7:18	Ave De La Playa	4			Leaves
8/3/2009	E	1	7:20	Deschecha	1			Leaves
8/3/2009	E	1	7:51	Magdalena	1			Dirt
8/3/2009	E	1	7:57	San Luis Rey	10			Dirt
						3.5	2.75	
8/3/2009	R	1	7:02	Calla Escuela	8			Leaf
8/3/2009	R	1	7:03	Calle Del Juego	6			Dirt
8/3/2009	R	1	7:05	Calle Salida	11			Trash/Leaf
8/3/2009	R	1	7:08	Calle Sandia	3			Leaf
8/3/2009	R	1	7:11	Calle Miguel	6			Leaf
8/3/2009	R	1	7:13	Calle Empalme	3			Leaf
8/3/2009	R	1	7:20	Calle Fiesta	5			Leaf/Dirt
8/3/2009	R	1	7:25	Calle Neblina	3			Leaf/Dirt
8/3/2009	R	1	7:30	Calle Pueblo	5			Leaf/Dirt
8/3/2009	R	1	7:37	Calle Familia	4			Leaf/Dirt
8/3/2009	R	1	7:42	Calle Villario	10			Leaf/Dirt
8/3/2009	R	1	7:50	Calle Delicada	5			Trash/Leaf/Dirt

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/3/2009	R	1	7:55	Calle Felicidad	15			Leaf/Dirt
8/3/2009	R	1	8:03	Calle Pescador	11			Leaf
8/3/2009	R	1	8:10	Calle Dorado	18			Trash/Leaf
8/3/2009	R	1	8:29	Presidio Avenue	30			Leaf/Dirt
8/3/2009	R	1	8:32	Calle Mendoza	6			Leaf
8/3/2009	R	1	8:40	Calle Delicada	2			Leaf/Dirt
8/3/2009	R	1	8:44	Calle Familia	9			Leaf/Dirt
8/3/2009	R	1	8:48	Calle Empalme	8			Leaf
8/3/2009	R	1	8:45	Calle Pueblo	5			Leaf/Dirt
8/3/2009	R	1	8:54	Calle Neblina	5			Trash/Dirt
8/3/2009	R	1	9:02	Calle Fiesta	2			Leaf
8/3/2009	R	1	9:05	Calle Robles	6			Trash/Leaf/Dirt
8/3/2009	R	1	9:23	Miguel	0			Leaf/Dirt
8/3/2009	R	1	9:25	Calle Rica	4			Leaf
						9	7.8	
8/10/2009	E	1	4:30	El Camino Real	0			Dirt
8/10/2009	E	1	4:37	El Camino Real	0			Dirt
8/10/2009	E	1	4:53	North Beach Lots	8			Dirt
8/10/2009	E	1	5:13	El Camino Real	0			Leaves
8/10/2009	E	1	5:16	El Camino Real	0			Leaves
8/10/2009	E	1	5:19	El Camino Real	0			Leaves
8/10/2009	E	1	5:36	El Camino Real	37			Dirt
8/10/2009	E	1	5:44	Magdalena	11			Leaves
8/10/2009	E	1	6:04	Ave Presidio	0			Dirt
8/10/2009	E	1	6:08	Del Mar	5			Leaves
8/10/2009	E	1	6:17	Del Mar	24			Dirt
8/10/2009	E	1	6:28	Ola Vista	2			Dirt
8/10/2009	E	1	6:32	El Camino Real	3			Dirt
8/10/2009	E	1	6:41	El Camino Real	7			Dirt
8/10/2009	E	1	7:26	El Camino Real	19			Dirt
8/10/2009	E	1	8:57	Camino Los Mores	0			Leaves
					451	13	11	
8/3/2009	R	9	8:09	San Luis Rey	7			Dirt
8/3/2009	R	9	8:11	Santa Inez	8			Leaves
8/3/2009	R	9	8:13	Santa Inez	8			Leaves
8/3/2009	R	9	8:14	San Luis Rey	4			Dirt
8/3/2009	R	9	8:15	Dominguez	14			Dirt
8/3/2009	R	9	8:17	Dominguez	12			Leaves
8/3/2009	R	9	8:18: am	San Luis Rey	0			Leaves
8/3/2009	R	9	8:19	San Dimas	9			Dirt
8/3/2009	R	9	8:21	San Dimas	7			Dirt
8/3/2009	R	9	8:24	San Fernando	12			Leaves
8/3/2009	R	9	8:26	San Fernando	17			Dirt

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/3/2009	R	9	8:28	San Luis Rey	0			Leaves
8/3/2009	R	9	8:29	Buena Ventura	17			Dirt
8/3/2009	R	9	8:36	Dolores	13			Dirt
8/3/2009	R	9	8:39	Santa Margarita	5			Dirt
8/3/2009	R	9	8:40	San Diego	9			Leaves
8/3/2009	R	9	8:41	San Diego	1			Dirt
8/3/2009	R	9	8:42	Lucia	12			Leaves
8/3/2009	R	9	8:45	Lucia	3			Leaves
8/3/2009	R	9	8:47	Santa Margarita	3			Leaves
8/3/2009	R	9	8:48	Carmelo	5			Dirt
8/3/2009	R	9	8:49	Carmelo	7			Leaves
8/3/2009	R	9	8:50	Pala	0			Leaves
8/3/2009	R	9	8:53	Santa Margarita	9			Leaves
8/3/2009	R	9	8:54	Santa Margarita	8			Leaves
8/3/2009	R	9	8:59	Del Comercio	8			Dirt
8/3/2009	R	9	9:31	Ave Coto	0			Leaves
8/3/2009	R	9	9:35	Ave Costanzo	3			Leaves
8/3/2009	R	9	9:41	Bahia	0			Dirt
8/3/2009	R	9	9:46	Santa Margarita	0			Dirt
8/3/2009	R	9	9:57	Crespi	4			Leaves
8/3/2009	R	9	10:02	Crespi	9			Dirt
8/3/2009	R	9	10:04	Gomez	4			Dirt
8/3/2009	R	9	10:05	Ortega	0			Leaves
8/3/2009	R	9	10:06	Ortega	2			Leaves
8/3/2009	R	9	10:07	Gomez	1			Dirt
8/3/2009	R	9	10:08	Del Rito	5			Leaves
8/3/2009	R	9	10:16	Magdalena	0			Leaves
8/3/2009	R	9	10:26	Los Bautismos	23			Leaves
8/3/2009	R	9	10:31	Acapulco	2			Dirt
8/3/2009	R	9	10:44	San Pablo	7			Dirt
					258	3.25	4	
8/4/2009	E	2	3:30	Calle Amanacer	0			Trash/Dirt
8/4/2009	E	2	3:44	Calle negocio	0			Trash/Leaf/Dirt
8/4/2009	E	2	3:48	Calle Trepadora	0			Leaf/Dirt
8/4/2009	E	2	3:56	Calle Cordillera	0			Leaf/Dirt
8/4/2009	E	2	4:04	Calle Recodo	6			Trash/Leaf/Dirt
8/4/2009	E	2	4:08	Calle Sombra	0			Leaf/Dirt
8/4/2009	E	2	4:20	Camino Vera Cruz	0			Trash/Leaf/Dirt
8/4/2009	E	2	4:25	Avenida La Pata	0			Trash/Dirt
8/4/2009	E	2	4:29	Avenida Vista Hermosa	0			Trash/Dirt
8/4/2009	E	2	5:55	Via Suerte	1			Leaf/Dirt
8/4/2009	E	2	5:58	Via Campanero	2			Trash/Leaf
8/4/2009	E	2	6:14	Avenida Talega	0			Trash/Leaf
8/4/2009	E	2	6:23	Calle Salida	0			Trash/Leaf/Dirt

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E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/4/2009	E	2	6:32	Calle Portofino	0			Leaf/Dirt
					9			
8/4/2009	R	2	7:22	Avenida Salvador	35			Trash/Leaf/Dirt
8/4/2009	R	2	7:24	Calle De Soto	24			Leaf
8/4/2009	R	2	7:27	Calle Nina	8			Leaf
8/4/2009	R	2	7:33	Avenida Columbo	2			Dirt
8/4/2009	R	2	7:34	Avenida Teresa	12			Leaf/Dirt
8/4/2009	R	2	7:40	Calle Malequena	3			Dirt
8/4/2009	R	2	7:51	Calle De Los Alamos	0			Dirt
8/4/2009	R	2	8:23	Calle Monserrat	6			Leaf/Dirt
8/4/2006	R	2	8:25	Calle Dulcinea	5			Leaf/Dirt
8/4/2009	R	2	8:30	Tibidabo	0			Leaf
8/4/2009	R	2	8:34	Avenida Comumbo	10			Leaf/Dirt
8/4/2009	R	2	8:45	Avenida Vista Montana	11			Leaf
8/4/2009	R	2	8:55	Calle Aguila	0			Leaf
8/4/2009	R	2	9:05	Pastadero	0			Leaf
8/4/2009	R	2	9:25	Calle Del Cerro	0			Leaf
					116	7.5	6.5	
8/4/2009	E	9	3:31	El Camino Real	0			Dirt
8/4/2009	E	9	3:09	El Camino Real	0			Dirt
8/4/2009	E	9	4:54	Canada	0			Leaves
8/4/2009	E	9	5:00	El Camino Real	0			Leaves
8/4/2009	E	9	5:01	Escalones	0			Leaves
8/4/2009	E	9	5:02	El Camino Real	0			Dirt
8/4/2009	E	9	5:02	Mariposa	3			Dirt
8/4/2009	E	9	5:04	Marguita	0			Leaves
8/4/2009	E	9	5:05	El Camino Real	0			Leaves
8/4/2009	E	9	5:06	Palizada	0			Leaves
8/4/2009	E	9	5:07	El Camino Real	0			Dirt
8/4/2009	E	9	5:07	Miramar	0			Dirt
8/4/2009	E	9	5:12	El Camino Real	0			Dirt
8/4/2009	E	9	5:13	Cabrillo	1			Dirt
8/4/2009	E	9	5:14	Cabrillo	13			Leaves
8/4/2009	E	9	5:17	Del Mar	3			Leaves
8/4/2009	E	9	6:41	Camino De Estrella	9			Dirt
8/4/2009	E	9	6:43	Camino De Los Molinos	0			Leaves
8/4/2009	E	9	7:23	Camino De Los Mores	0			Leaves
8/4/2009	E	9	7:26	Calle Agua	22			Dirt
8/4/2009	E	9	7:31	Calle Agua	17			Dirt
8/4/2009	E	9	7:36	Camino De Estrella	8			Leaves
8/4/2009	E	9	7:39	Camino De Estrella	1			Leaves
8/4/2009	E	9	7:39	Camino Mira Costa	20			Dirt
8/4/2009	E	9	8:27	Del Presidente	0			Leaves

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
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E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/4/2009	E	9	9:18	Posted Route	3			Dirt
8/4/2009	E	9	9:26	Marina	11			Leaves
8/4/2009	E	9	9:29	Marina	4			Dirt
8/4/2009	E	9	9:31		0			Dirt
8/4/2009	E	9	9:37	Serena	9			Leaves
8/4/2009	E	9	9:40	Serena	5			Leaves
8/4/2009	E	9	9:42	Lobos Marinos	4			Dirt
8/4/2009	E	9	9:43	Roca Vista	0			Dirt
8/4/2009	E	9	9:44	Primavera	6			Leaves
8/4/2009	E	9	9:46	Primavera	3			Dirt
8/4/2009	E	9	9:47	Roca Vista	6			Leaves
8/4/2009	E	9	9:49	Cavren	3			Dirt
8/4/2009	E	9	9:50	Cavren	0			Dirt
8/4/2009	E	9	9:51	Lobos Marinos	13			Leaves
8/4/2009	E	9	10:03	Lobos Marinos	23			Leaves
8/4/2009	E	9	10:05	San Antonio	11			Dirt
8/4/2009	E	9	10:19	Allossandro	8			Leaves
					206	6.25	9	
8/4/2009	R	10	10:23	Ola Vista	10			Leaves
8/4/2009	R	10	10:27	Las Palmas	13			Leaves
8/4/2009	R	10	10:29	La Costa	14			Dirt
8/4/2009	R	10	10:33	Monte Cristo	3			Leaves
8/4/2009	R	10	10:37	Las Palmas	2			Dirt
8/4/2009	R	10	10:47	Ola Vista	12			Dirt
8/4/2009	R	10	10:49	Ave Montalvo	19			Leaves
8/4/2009	R	10	11:07	Calafia	2			Dirt
8/4/2009	R	10	11:08	S. Ola Vista	2			Dirt
8/4/2009	R	10	11:10	Del Pacifoco	0			Dirt
8/4/2009	R	10	11:14	Callecita	5			Leaves
8/4/2009	R	10	11:19	Junipero	8			Leaves
8/4/2009	R	10	11:28	junipero	11			Dirt
8/4/2009	R	10	11:29	Cornellio	16			Dirt
8/4/2009	R	10	11:32	Ramona	9			Dirt
8/4/2009	R	10	11:47	San Antonio	14			Dirt
					140	3	6.25	
8/6/2009	E	4	3:30	Ave Pico	0			Trash/Leaf/Dirt
8/6/2009	E	4	3:41	Via Pico Plaza	0			Trash/Leaf/Dirt
8/6/2009	E	4	3:54	Los Milinos	8			Trash/Leaf/Dirt
8/6/2009	E	4	4:01	Calle Bonito	0			Trash/Leaf
8/6/2009	E	4	4:02	Calle Valle	0			Trash/Leaf/Dirt
8/6/2009	E	4	4:08	De La Estrella	2			Trash/Leaf/Dirt
8/6/2009	E	4	4:30	Presidio	0			Leaf

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/6/2009	E	4	4:55	Ave La Pata	0			Trash/Leaf
8/6/2009	E	4	3:35	El Camino Real	0			Leaves
8/6/2009	E	4	3:44	Camino Capistrano	0			Dirt
8/6/2009	E	4	3:49	Camino De Estrella	0			Leaves
8/6/2009	E	4	3:53	Camino De Los Mares	0			Dirt
8/6/2009	E	4	4:03	Camino De Los Mares	0			Leaves
8/6/2009	E	4	4:15	Camino De Estrella	0			Leaves
8/6/2009	E	4	4:16	Camino De Estrella	0			Leaves
8/6/2009	E	4	4:25	El Camino Real	0			Dirt
8/6/2009	E	4	4:30	Ave Pico	0			Leaves
8/6/2009	E	4	4:34	El Camino Real	0			Dirt
8/6/2009	E	4	4:43	Magdalena	10			Leaves
8/6/2009	E	4	4:49	El Camino Real	0			Dirt
8/6/2009	E	4	5:25	El Camino Real	3			Dirt
8/6/2009	E	4	5:45	El Camino Real	0			Leaves
8/6/2009	E	4	5:59	Del Mar	7			Dirt
8/6/2009	E	4	7:03	Camino Capistrano	16			Leaves
8/6/2009	E	4	7:09	Camino Capistrano	12			Leaves
8/6/2009	E	4	7:44	Salvador	3			Leaves
8/6/2009	E	4	7:46	Valinda	0			Dirt
8/6/2009	E	4	8:00	Alledo	3			Dirt
8/6/2009	E	4	8:03	Cayenta	2			Dirt
8/6/2009	E	4	8:14	San Juan	5			Leaves
8/6/2009	E	4	8:17	La Esperanza	3			Dirt
					74			
8/6/2009	R	4	6:31	Ave Caballeros	0			Trash/Leaf/Dirt
8/6/2009	R	4	6:34	El Oriente	8			Leaf
8/6/2009	R	4	6:35	La Cuesta	12			Trash/Leaf/Dirt
8/6/2009	R	4	6:43	La Paz	7			Trash/Leaf/Dirt
8/6/2009	R	4	6:51	Camino San Clemente	1			Trash/Dirt/Rock
8/6/2009	R	4	6:56	Via Socorro	16			Leaf
8/6/2009	R	4	7:00	Via Ballena	31			Leaf
8/6/2009	R	4	7:10	Via San Andreas	12			Dirt/Leaf
8/6/2009	R	4	7:20	Via Cascadita	10			Dirt
8/6/2009	R	4	7:22	Calle Tinaja	6			Leaf/Dirt
8/6/2009	R	4	7:24	Via Senda	3			Leaf/Dirt
8/6/2009	R	4	8:19	N. LaEsperanza	4			Trash/Leaf/Dirt
8/6/2009	R	4	8:21	El Lavante	13			Trash/Leaf/Dirt
8/6/2009	R	4	8:23	Ave Pizarro	1			Leaf/Dirt
8/6/2009	R	4	8:29	Terraza Vista Bahia	2			Leaf/Dirt
8/6/2009	R	4	8:31	Ave Patero De Oro	17			Leaf/Dirt
8/6/2009	R	4	8:36	Calle Bella Loma	4			Leaf
8/6/2009	R	4	8:41	Seguro	2			Leaf/Dirt

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/6/2009	R	4	9:00	Posted Alley	4			Trash/Dirt
8/6/2009	R	4	9:30	San Carlos	0			Leaf
8/6/2009	R	4	9:31	Calle Cortez	14			Leaf/Dirt
8/6/2009	R	4	9:39	Calle Sonora	11			Leaf/Dirt
8/6/2009	R	4	10:30	De La Estrella	11			Leaf
8/6/2009	R	4	10:35	Ave Sierra	27			Leaf/Dirt
8/6/2009	R	4	10:37	La Placentia	9			Dirt
8/6/2009	R	4	10:40	Ave Los Flores	10			Leaf/Dirt
8/6/2009	R	4	10:45	Campo	7			Leaf/Dirt
8/6/2009	R	4	10:50	Revueita Court	4			Leaf/Dirt
8/6/2009	R	4	10:51	Ave Sierra	17			Leaf/Dirt
8/6/2009	R	4	10:54	De La Estrella	8			Leaf/Dirt
8/6/2009	R	4	10:57	Calle Redondel	31			Leaf/Dirt
					302	10.5	9.25	
8/6/2009	R	12	8:20	Avenida Cordillera	2			Leaves
8/6/2009	R	12	8:23	La Esperanza	0			Dirt
8/6/2009	R	12	8:27	Ave Arlena	6			Dirt
8/6/2009	R	12	8:52	Calle Alcazar	4			Leaves
8/6/2009	R	12	9:17	Calle Alcazar	0			Dirt
8/6/2009	R	12	9:18	Lobos Marinos	1			Dirt
8/6/2009	R	12	9:20	Ave Verde	3			Leaves
8/6/2009	R	12	9:41	Via Avila	4			Dirt
8/6/2009	R	12	11:31	Ave Cordoba	13			Leaves
8/6/2009	R	12	11:41	Via La Jolla	11			Dirt
8/6/2009	R	12	11:44	Via Catalina	0			Leaves
8/6/2009	R	12	11:48	Via Esperanza	4			Leaves
8/6/2009	R	12	11:49	Ave Buena Suerte	3			Leaves
8/6/2009	R	12	11:50	San Juan	9			Leaves
					60		4.5	
8/10/2009	R	13	9:05	Canasta	1			Dirt
8/10/2009	R	13	9:10	Campana	1			Leaves
8/10/2009	R	13	9:13	Vaquero	0			Leaves
8/10/2009	R	13	9:13	Vicente	6			Leaves
8/10/2009	R	13	9:27	Vquero	14			Dirt
8/10/2009	R	13	9:32	Grande Vista	36			Dirt
8/10/2009	R	13	9:43	Quieto	3			Dirt
8/10/2009	R	13	9:47	Alendra	16			Leaves
8/10/2009	R	13	9:49	Alendra	7			Leaves
8/10/2009	R	13	9:51	Quieto	4			Leaves
8/10/2009	R	13	9:53	Grande Villa	12			Leaves
8/10/2009	R	13	10:06	Via Cascadita	2			Dirt
8/10/2009	R	13	10:07	Via Monega	3			Dirt

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/10/2009	R	13	10:10	Via Alegue	18			Dirt
8/10/2009	R	13	10:13	Via Montezuma	7			Leaves
8/10/2009	R	13	10:18	Via Arboleda	6			Dirt
8/10/2009	R	13	10:20	Via Casa Loma	13			Leaves
8/10/2009	R	13	10:24	Via Santo Thomas	11			Dirt
8/10/2009	R	13	10:28	Via Montecito	12			Dirt
8/10/2009	R	13	10:32: ar	Via Verbena	12			Leaves
8/10/2009	R	13	10:36	Via Vistosa	14			Dirt
8/10/2009	R	13	11:11	Via Montego	17			Dirt
8/10/2009	R	13	11:13	Via San Gorgonio	9			Dirt
8/10/2009	R	13	11:16	Via San Gorgonio	0			Leaves
8/10/2009	R	13	11:18	Via San Jacinto	8			Dirt
8/10/2009	R	13	11:20	Via San Jacinto	5			Leaves
8/10/2009	R	13	11:21	Via San Gorgonio	6			Leaves
8/10/2009	R	13	11:22	Via Corbina	3			Dirt
8/10/2009	R	13	11:27	Via Montecito	4			Leaves
					250	4.25	5	
8/11/2009	E	2	3:50	El Camino Real	0			Dirt
8/11/2009	E	2	5:21	Marquita	0			
8/11/2009	E	2	5:24	Palizada	0			Dirt
8/11/2009	E	2	5:26	El Camino Real	0			
8/11/2009	E	2	5:27	Serra	0			
8/11/2009	E	2	5:28	El Camino Real	0			
8/11/2009	E	2	5:30	Cabrillo	7			Dirt
8/11/2009	E	2	5:32	El Camino Real	2			
8/11/2009	E	2	5:33	Granada	0			Dirt
8/11/2009	E	2	5:35	Granada	6			
8/11/2009	E	2	5:36	Victoria	0			Dirt
8/11/2009	E	2	5:39	Mateo	0			
8/11/2009	E	2	5:41	El Camino Real	0			Dirt
8/11/2009	E	2	5:42	Algodon	0			
8/11/2009	E	2	5:43	El Camino Real	0			Dirt
8/11/2009	E	2	6:10	Del Mar	18			
8/11/2009	E	2	6:20	Ola Vista	2			Dirt
8/11/2009	E	2	6:27	Fuente	0			
8/11/2009	E	2	6:28	El Prado	4			
8/11/2009	E	2	6:30	Del Poniente	6			
8/11/2009	E	2	7:04	Camino De Los Mares	0			Dirt
8/11/2009	E	2	7:05	Camino Vera Cruz	0			
8/11/2009	E	2	7:08	El Camino Real	3			
8/11/2009	E	2	7:20	El Camino Real	0			
8/11/2009	E	2	7:30	Calle Agua	23			Dirt
					71			

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/11/2009	R	6	7:32	Calle Agua	16			
8/11/2009	R	6	7:34	Camino De Los Mares	0			Dirt
8/11/2009	R	6	7:37	Camino De Estrella	10			
8/11/2009	R	6	7:40	Camino De Estrella	1			
8/11/2009	R	6	7:41	Mira Costa	17			Dirt
8/11/2009	R	6	8:17	Sarmentosa	0			
8/11/2009	R	6	8:21		19			
8/11/2009	R	6	8:31	Llano	3			
8/11/2009	R	6	8:36	Cerra	5			Dirt
8/11/2009	R	6	8:40	Sarmentosa	0			
8/11/2009	R	6	8:41	Vera Cruz	0			
8/11/2009	R	6	8:51	Calle Heraldo	9			Dirt
8/11/2009	R	6	9:00	Canasta	0			
8/11/2009	R	6	9:24	Blanco	11			Dirt
8/11/2009	R	6	9:26	Penasco	9			Leaves
8/11/2009	R	6	9:28	Penasco	12			Dirt
8/11/2009	R	6	9:32	Blanco	0			Dirt
8/11/2009	R	6	9:35	Calle Heraldo	5			Dirt
8/11/2009	R	6	9:38	Campo Raso	7			Leaves
8/11/2009	R	6	9:46	Campo Raso	8			Dirt
8/11/2009	R	6	9:49	Calle Heraldo	4			Dirt
8/11/2009	R	6	9:50	Caminante	3			Leaves
8/11/2009	R	6	9:51	Pandero	2			Leaves
8/11/2009	R	6	9:52	Calle Heraldo	2			Leaves
8/11/2009	R	6	9:54	Vera Cruz	0			Dirt
8/11/2009	R	6	10:01	Vera Cruz	0			Leaves
8/11/2009	R	6	10:05	Bello Panorama	7			Dirt
8/11/2009	R	6	10:07	Vera Cruz	0			Dirt
8/11/2009	R	6	10:11	Sarmentosa	7			Dirt
8/11/2009	R	6	10:17	Camino Del Mar	0			Dirt
8/11/2009	R	6	10:19	Grande Vista	0			Leaves
8/11/2009	R	6	10:42	Ave Monterey	0			
8/11/2009	R	6	10:43	Mateo	6			
8/11/2009	R	6	10:47	Ave Algodon	1			
8/11/2009	R	6	10:53	Madrid	7			
8/11/2009	R	6	10:55	Villa Vista	2			
8/11/2009	R	6	11:00	Ola Vista	5			
8/11/2009	R	6	11:02	Victoria	4			
8/11/2009	R	6	11:05	Corona	2			
8/11/2009	R	6	11:08	Monterey	0			
8/11/2009	R	6	11:09	Capistrano	3			
8/11/2009	R	6	11:12	Santa Ana	0			
8/11/2009	R	6	11:13	Alameda	2			
8/11/2009	R	6	11:25	Morid	6			
8/11/2009	R	6	11:26	Elena	1			

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

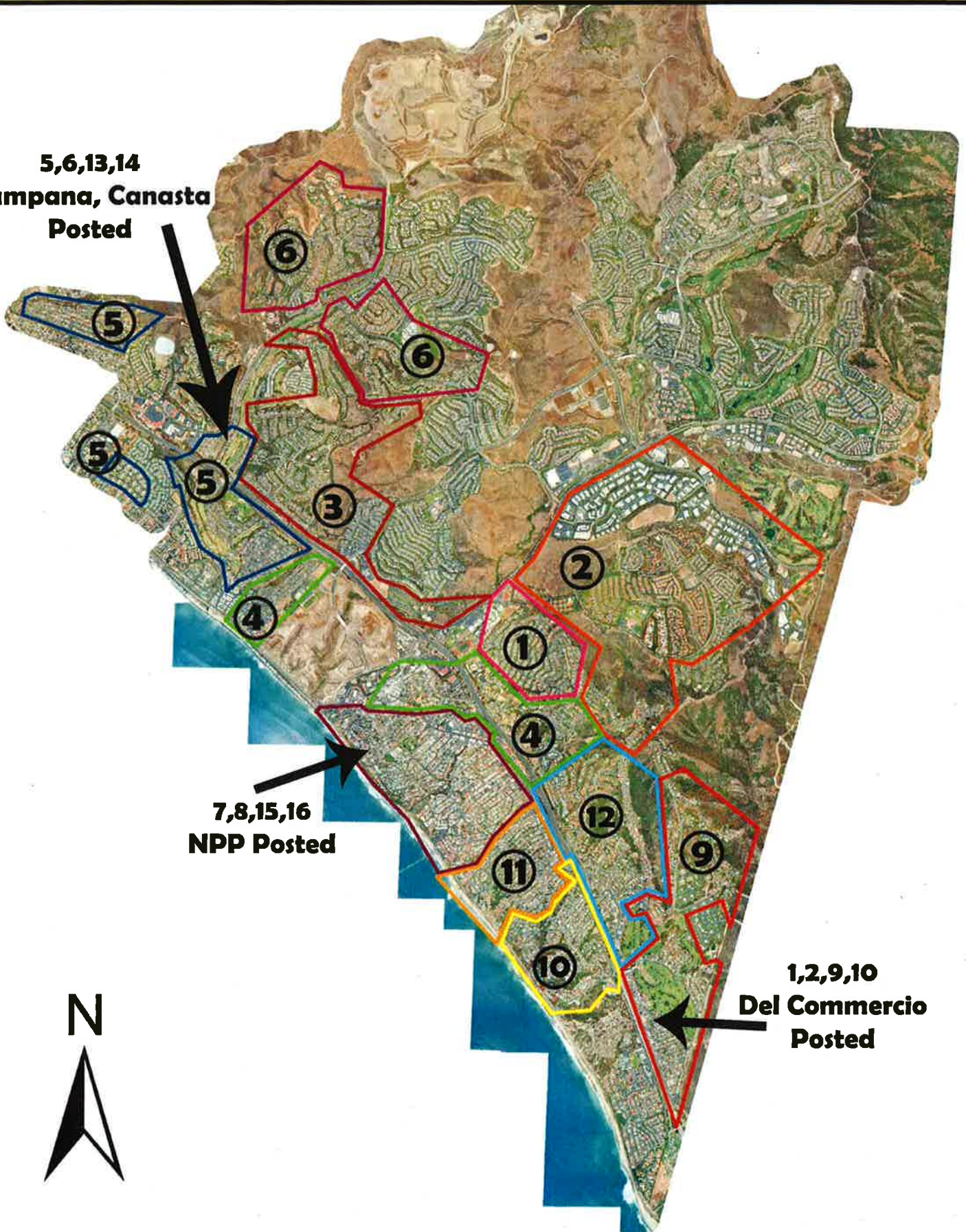
E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/11/2009	R	6	11:27	Cazador	2			
8/11/2009	R	6	11:28	Victoria	1			
8/11/2009	R	6	11:29	Cazador	3			
8/11/2009	R	6	11:30	Marid	4			
8/11/2009	R	6	11:33	Lazador				
					206	4	7.25	
8/13/2009	E	4	3:30	Ave Pico	0			Trash Leaf/Dirt
8/13/2009	E	4	3:38	Via Pico Plaza	0			Leaf/Dirt
8/13/2009	E	4	3:42	Los Molinas	0			Leaf/Dirt
8/13/2009	E	4	3:50	Calle Valle	5			Trash/Leaf/Dirt
8/13/2009	E	4	4:03	Calle Bonito	0			Leaf/Dirt
8/13/2009	E	4	4:08	Los Obrajero	0			Trash/Leaf
8/13/2009	E	4	4:13	De La Estrella	1			Trash/Leaf
8/13/2009	E	4	4:34	Presidio	0			Trash/Leaf
8/13/2009	E	4	4:52	Avenida La Pata	0			Leaf/Dirt
						9.5	2.6	
8/13/2009	E	4	4:06	Camino De Los M	0			Dirt
8/13/2009	E	4	4:10	Camino De Los Mares	0			Dirt
8/13/2009	E	4	4:28	Camino De Estrella	0			Dirt
8/13/2009	E	4	4:29	Camino De Estrella	0			Leaves
8/13/2009	E	4	4:37	Camino Capistrano	0			Leaves
8/13/2009	E	4	4:45	El Camino Real	0			Leaves
8/13/2009	E	4	5:08	El Camino Real	0			Dirt
8/13/2009	E	4	5:18	El Camino Real	0			Dirt
8/13/2009	E	4	5:26	El Camino Real	0			Leaves
8/13/2009	E	4	6:05	Del Mar	16			Dirt
8/13/2009	E	4	6:27	Canada	0			Dirt
8/13/2009	E	4	6:29	El Camino Real	0			Leaves
8/13/2009	E	4	6:56	El Camino Real	3			Dirt
8/13/2009	E	4	9:02	Seville	3			Dirt
8/13/2009	E	4	9:07	Ave Palizada	4			Leaves
					32	9.5	2.6	
8/13/2009	R	16	9:11	N. Ola Vista	1			Leaves
8/13/2009	R	16	9:16	Ave Palizada	2			Dirt
8/13/2009	R	16	9:18	Lena	1			Dirt
8/13/2009	R	16	9:24	Miramar	1			Leaves
8/13/2009	R	16	9:34	Serra	0			Leaves
8/13/2009	R	16	9:48	Cabrillo	4			Leaves
8/13/2009	R	16	9:52	Corte	0			Dirt
8/13/2009	R	16	9:55	Granada	2			Dirt
8/13/2009	R	16	10:00	Encino	8			Leaves
8/13/2009	R	16	10:07	Granada	4			Dirt
8/13/2009	R	16	10:10	Acebo	0			Dirt

**CITY OF SAN CLEMENTE
STREET SWEEPING DEBRIS COLLECTION STUDY
2009-CYCLE 3**

E = Early Morning, R = Residential, P = Posted								
Date	Freq.	Route #	Time	Street Name	# Parked Vehicles	Debris (weight)	Debris (volume)	Debris Composition
8/13/2009	R	16	10:25	Ave Rosa	0			Dirt
8/13/2009	R	16	10:26	Victoria	3			Dirt
8/13/2009	R	16	10:33	Ola Vista	5			Leaves
8/13/2009	R	16	10:41	Santa Barbara	0			Dirt
8/13/2009	R	16	10:42	Victoria	3			Leaves
8/13/2009	R	16	10:45	Elena	2			Dirt
8/13/2009	R	16	10:51	Cazador Lane	1			Leaves
8/13/2009	R	16	10:55	Victoria	5			Leaves
8/13/2009	R	16	10:58	Monterey	0			Dirt
8/13/2009	R	16	10:59	Santa Ana	0			Leaves
8/13/2009	R	16	11:01	Capistrano	0			Dirt
8/13/2009	R	16	11:06	Corona	1			Dirt
8/13/2009	R	16	11:08	Monterey	0			Dirt
8/13/2009	R	16	11:12	Madrid	3			Leaves
8/13/2009	R	16	11:15	Algadon	3			Dirt
8/13/2009	R	16	11:18	Mateo	0			Dirt
8/13/2009	R	16	11:20	Monterey	0			Dirt
					49	5.25	4.5	
TOTALS					2662	102.75	105.65	

Residential Street Sweeping Map

**5,6,13,14
Campana, Canasta
Posted**



**7,8,15,16
NPP Posted**

**1,2,9,10
Del Commercio
Posted**





= **Changed since last update**

March 11, 2013

NEW STRATEGIC PRIORITIES

Ole Hanson Beach Club Rehabilitation, Phase 2 (3 votes), Sharon Heider, 361-8263

Last Updated: 2/14/13

At the Jan 22 meeting, the City Council requested additional concept development to look at the potential shifting of the pool equipment to allow ocean view building space, look at kitchen size and location, modify pool fencing, expand patio area, add in women's dressing areas, more dramatic entry/view of pool, and phasing. The Architectural team is currently working on these and staff will schedule a work session of the City Council to review.

Base of Pier Restroom Rehabilitation (3 votes), Sharon Heider, 361-8283

Last updated: 2/14/13

RRM Architects has completed a preliminary design and is completing cost estimates and structural assessments. Staff will present the concepts to City Council in April.

Sidewalks (3 votes) Tom Bonigut, 361-6187

Last updated: 2/13/13

The City Council approved a priority list of FY13 new sidewalk projects at its September 4, 2012 meeting, and staff has begun design of those projects. Three of the first four priority projects (portions of La Paloma, La Costa and Seville) are currently being advertised for construction bids, with bids due in mid-March. The design of the Palizada sidewalk (2nd priority project) is underway and this project is planned to be advertised for construction by the end of March. Survey work for the remaining projects has begun with design to follow.

ON-GOING STRATEGIC PRIORITIES

Street Improvement Program/Assessment District Renewal (3 votes), Tom Bonigut, 361-6187

Last Updated: 1/15/13

The City Council received a report presenting the results of the pavement management assessment at its December 18, 2012 meeting, at which time the challenge posed by Proposition 218 requirements and recommendation to retain an Assessment District engineering consultant were discussed. The City Council decided to not hire an assessment engineer at this time, and instead decided to re-visit the issue during the FY14 budget process. The City Council directed staff to report any information which may shed light regarding a path toward successful implementation of a street assessment district.

The Centennial General Plan; Jeff Hook 361-6182

Last Updated: 3/8/13

The Planning Commission completed its review of the Preliminary Draft Mobility and Complete Streets Element on February 13th. With that milestone reached, the Planning Commission is expected to begin hearings on the comprehensive "Public Hearing Draft Centennial General Plan" starting next month. The Planning Center expects to deliver the Hearing Draft by mid-April and, after staff review for accuracy and completeness, the Draft will be distributed to Council and Planning Commission members and put on the City's website. The



Planning Center is revising a Draft "Initial Environmental Study" in response to staff comments and plans to hold a public "scoping meeting" in late March or April to get public comments on topics to be addressed in the Centennial General Plan Draft EIR. A joint City Council/General Plan Advisory Committee/Planning Commission meeting is planned, possibly for Wednesday evening, May 29th, with the City Council expected to firm up the joint meeting date at its April 2nd meeting. In the meantime, CDD and IT staff are constructing a "working" version of the draft General Plan on the City's website, expected to be ready later this month.

The Planning Commission is now expected to forward its recommended draft General Plan and Draft EIR to Council by mid-June 2013, with final Council action anticipated in July 2013.

Action Plan for Improving City Technologies; Larry Moore, 283-3830

Last Updated: 2/12/12

The enterprise "edge" (ie firewall) was upgraded to bring our systems into legal and professional compliance with standards defined in industry and government regulations. Included in the new system is active intrusion monitoring, filtering and live reporting. The General Plan web site is being integrated into the City's main web site including 100+ new pages of information. The wire frame menus are complete and will be populated over the next two months.

Recreational Maintenance Strategy; Sharon Heider, 361-8263

Last Updated: 7/16/2012

Staff is updating existing inventory lists to reflect current conditions and working with Water and Maintenance Divisions to review software systems that may work cross-departmentally with existing inventory and work order needs/tracking.

Citizen Involvement / Communication Program; Laura Ferguson, 361-8254

Last Updated 3/8/13

Prepared and serviced 3 press releases for City departments since last update; coordinated quarterly volunteer recognition letters and certificates for Mayor; prepared special certificates for recognition of SC Jr. Woman's Club and presentation for Mayor; participated in SONGS table top emergency planning exercise; prepared employee newsletter standing columns; drafted Councilmember SC Times Council Corner column; continued promoting Street Art program, and assisting committee as needed; prepared agenda report on Operation Enduring Freedom; prepared script for Around Town; maintained current content on Channel 30 and City website, including promoting non-profit community events; prepared routine correspondence for City Council; coordinated annual budget entries for senior transportation program; Trauma Intervention program; and volunteer recognition program; and coordinated location/catering contract and prepared invitation for annual Volunteer Appreciation Luncheon.

La Pata Extension Dialogues;

La Pata Extension – Tom Frank, 361-6127

Last Updated: 3/8/13

The total project cost is estimated at about \$80 million (includes design, environmental, etc.). County staff has identified a funding strategy for about \$72 million in funding, leaving a current shortfall of about \$8 million. Staff has reviewed the 90% design submittal and is working with the County's design team to address needed revisions. Design is expected to be finished by summer 2013, and construction could start as early as 2013 if funding is available. The County is initiating constructing permitting on both the La Pata and Camino Del Rio Extension. The City received good news that its grant submittal to OCTA for the off-road bike trail improvements as part of this project was approved to the maximum grant amount of \$1 million dollars.



Community Development Department Management Review; Jim Pechous, 361-6195

Last Updated 3/8/13

Staff continues to carry out the improved customer service program. Recent activities in the customer service program include:

- Enhanced directional signage at Community Development to better assist people coming to utilize the City offices and services in now being installed, the project should be complete by next week.
- Code amendment to streamline our discretionary processes and make it less expensive. The streamlining of the condominium/parcel map process will be reviewed by the City Council on March 19, 2013.
- The wood window policy will be reviewed by Planning Commission at their March 20, 2013 meeting to allow a greater range of window materials and finishes.

Liaison/Facilitator Program; Jim Pechous, 361-6195

Last Updated 3/8/13

Staff Liaisons continue to meet with the Downtown T-Zone, Pier Bowl, North Beach, Los Molinos and Auto related businesses on El Camino Real; the community response is positive.

- North Beach has started to form a North Beach Community Association made up of business owners and residents to advocate for change and improvement in the North Beach area, particularly the commercial area. They are currently trying to develop strategies to better promote the business in North Beach as well as how to have a presence at City functions. The façade grant program is gaining ground with several businesses contacting staff looking to participate as well as several other inquiries from business owners. While Amber Gregg is out on maternity leave, Sean Nicholas will be assisting with North Beach.
- The Los Molinos Business District group is working to better identify the area known as the "Los Molinos Business District." A subcommittee is working with staff Liaison Nicholas to put together a pamphlet to inform businesses about the District, and create a larger contact list of businesses and property owners. Staff is also working closely with Engineering on the undergrounding project in Los Molinos. Staff is planning on making a large push leading up and during the undergrounding project to promote the various grant programs available to beautify the area.
- The DBA received a presentation about the availability of downtown facade improvement grants at their February 13th meeting. The Granada Trash Enclosure project is under construction and anticipated to be completed by the end of March. The Alley Facilities Plan is being developed with DBA input. Cliff Jones, Downtown Liaison, is the project manager. The DBA is working with City staff on outreach efforts and the City/DBA will hold a workshop on March 21st at 7pm at the Community Center to receive public input on the plan.

American with Disabilities Act (ADA); Hanne Thordahl, 361-8203

Last Updated: 1/15/13

The City continues its efforts to be compliant with the federal Americans with Disabilities Act (ADA). The ADA was included in the 2012 Long Term Financial Plan. A comprehensive report was created by the ADA consultant, and a recommendation to create a budget line-item in the FY 2013 was approved by Council, with \$60,000 currently budgeted to address signage at City facilities. The ADA Transition Team finalized the priority level of each of the findings in the report, and those priority levels have been input into DacTrak, a web-based data management system. This allows staff to generate reports based on priority levels to assist in creating a schedule of work to accomplish the transition plan over time. Currently, over 90 non-compliant findings for accessible parking signage have been corrected and noted as complete in DacTrak. Staff is continuing to address non-compliant findings for signage. An ADA update paper has been drafted as part of the 2013 Long Term Financial Plan which will be presented to the City Council in March.



Quiet Zone/Wayside Horns; Jim Holloway, 361-6106

Last Updated: 2/12/13

City staff, Mike Day (the City's CPUC attorney), OCTA staff and expert consultants are prepared written testimony and gave verbal testimony on January 4th, 2013. We are now awaiting a Preliminary Decision (PD) by the CPUC Administrative Law Judge. The final CPUC decision on the approval of the San Clemente AWS is scheduled for April 4, 2013. The application for the California Coastal Commission (CCC) to approve the AWS has been submitted to CCC.

Library Expansion Expense Issues; Sharon Heider, 361-8263

Last Updated: 2/14/13

A meeting with County staff was held February 8, 2013. The Project Manager for the County is retiring and County will assign a new Project Manager for this project. Project design has been delayed. Construction is now scheduled for completion December 2014.

BEACHES, PARKS & RECREATION

Vista Hermosa Sports Park & San Clemente Aquatics Center; Sharon Heider, 361-8263

Last Updated: 2/14/13

Staff is working with contractors for release of retention funds. Some items of debate remain including functioning of doors, HVAC, and the release of a lien by a subcontractor. With the vacancy of the City's Landscape Architect, staff is retaining RBF consulting to assist with final closeout items. RBF was the consultant project management for this project and has background and understanding of the current issues

Courtney's Sandcastle; Sharon Heider, 361-8267

Last Updated: 3/5/13

Courtney's SandCastle Foundation has had success raising funds and is within approximately \$50,000 of the target. The Foundation has approved the use of \$29,000 to prepare bid documents and request they be completed by May 1, 2013. The City Attorney is assisting with the preparation of a three way agreement between Tim Shaw, a Landscape Architect consultant, the City as Project Manager, and Courtney's SandCastle Foundation for payment of the fees to prepare construction documents, not to exceed \$29,000. However, the schedule can not be met for May 1. A date of June 28, to go to bid was forwarded to the Foundation for review.

Sand Pushing; Dennis Reed, 361-8278

Last Updated: 3/5/13

Contractual sand pushing is being done this first full week of March. The spring pushing is primarily geared towards grooming the sand for recreational use.



COMMUNITY DEVELOPMENT

Valero Gas Station; Sean Nicholas-361-6189

Last updated: 3/8/13

The project proposes demolishing all of the buildings onsite, developing a larger canopy (going from 4 pumps to 6 pumps), new convenience store, and car wash facility. Staff is working on getting the project to Planning Commission in April.

San Clemente Senior Apartments; Amber Gregg 361-6196 and Denise Obrero 361-6188

Last updated: 3/8/13

Construction continues smoothly with some rain delays. Any persons interested in placing their names on a tenant waiting list to rent a senior apartment can contact Amber Gregg or Denise Obrero in Community Development or call (949) 482-4408 to be added to the interest list. Additionally, Sean Nicholas will be handling planning inspections on the project while Ms. Gregg is on maternity leave.

Master Wayfinding/Sign Program – Citywide; Jim Holloway – 361-6106 and Jim Pechous 361-6195

Last updated: 11/6/2012

Several prototypes wayfinding signs have been placed in the field, so that Council may evaluate the effectiveness and value of the program.

Avenida Serra Affordable Housing Development; Cliff Jones 361- 6186 and Denise Obrero, 361-6188

Last Updated: 3/12/13

National Community Renaissance submitted a planning application to begin the formal development review process by DMT in October 2012. The applicant went to DMT's second screening in November; applicant revised the plans and resubmitted for DMT which received a third round of DMT review on February 7, 2013. The applicant has been working with various utility agencies to resolve several conflicts which are now complete. Development of the 19-unit Avenida Serra Affordable Workforce Housing will achieve one of our key General Plan Housing Element programs. DRSC reviewed the project on February 27, 2013 and expressed support on the design of the project.

Downtown Alley Facilities Plan: Cliff Jones 361-6186

Last updated: 3/4/13

An RFP for professional design services has been developed and distributed to consultants in February and RRM Design was selected as the consultant for the project. The first public outreach meeting is tentatively scheduled for March 21, 2013 at 7:00pm in the Ole Hanson Fireside Room. The alley facilities plan will identify alley lighting type, pavement type, landscaping, trash enclosure locations, etc. SDG&E has requested and staff has provided input on lighting locations ahead of the preparation of the facilities plan.

Bicycle and Pedestrian Master Plan (BPMP): Cliff Jones 361-6186 (Jeff Hook, 361-6182)

Last updated: 1/11/13

Late last year, the Planning Commission completed its review of the draft BPMP and its policies and programs have been incorporated into the draft Mobility and Complete Streets Element, which is scheduled for Planning Commission review on January 23rd. "Candidate" bicycle and pedestrian projects were reviewed by the traffic engineering consultant, Fehr and Peers, for potential effect on traffic and circulation and these will be addressed in the draft EIR.



GPAC and the Planning Commission were introduced to the topic of “complete streets” through a series of videos showing how various cities have addressed a broad range of transit needs, including bicyclists, pedestrians, public transit riders, and others. To integrate the BPMP with the General Plan, as directed by the City Council, the core of the Plan, its goals, policies, and implementation actions, will be “bolted into” the General Plan Circulation Element. At its September 25th special meeting, the Planning Commission began its review of the BPMP with an introduction to Complete Streets and multi-modal transportation planning. At its October 17th meeting, the Commission reviewed Chapter 2, “Policy Framework”, made several changes to the Draft to reconcile multiple recommendations from the consultant, PEDal and City staff, and approved the BPMP’s revised draft goals, policies and implementation measures. The Commission continued its review of the Draft Plan on November 15th and received Planning Commission support (with edits) on December 5, 2012. The Planning Commission will make a formal recommendation on the plan in early 2013 and City Council adoption is expected mid-2013. The City’s Draft Bicycle and Pedestrian Master Plan sets goals, policies and implementation measures to create a more balanced transportation network; one that is less focused on the automobile than has historically been the case for much of Southern California. The Draft is now available for public review and includes design standards to promote safe walking and bicycling and once adopted, will implement transportation and environmental sustainability goals of the General Plan. The plan incorporates current and innovative design standards from the innovative *Model for Living Streets Design Manual*.

Miramar Theater; Jim Pechous – 361-6195

Last updated: 3/8/12

The first inspection of the Miramar Theater and Bowling Alley was completed on December 10, 2012. A follow up meeting was conducted on January 29, 2013 to acquire additional information by the consultant (WRL) and walk the property with the Historical Society. The Historical Society will be sending WRL historic information about the buildings to include in the Historic Structures Report. On February 25, 2013, WRL met with the Property owner to go over the draft structural evaluation of both buildings. Staff provided a copy of the information to the State Office of Historic Preservation (OHP) for their review and comments. The Draft HSR will be provided by the consultant on March 22, 2013 for the City, property owner, and OHP to review. The report and a presentation to the City Council regarding its findings are expected in May 2013.

Street Art Program: Breanna Parrett 361-6105 (Amber Gregg 361-6196; on leave)

Last updated: 3/8/2013

Street Art is a public art program that turns traffic control boxes into canvases with beautiful works of art. This is the second round of the program which was continued by the Council after last year’s very successful pilot program. The 2013 Street Art Program started January 8, 2013 with the opening of the call for artists. The Call for Artists closed February 22nd. Art Jury Panel meets next Wednesday, 3/12/2013 to review eligible submissions and to select artists/designs for all five boxes. Selected artists will be announced the week of March 18th. Street Art installation will occur between April 15th and 30th, and boxes will be prepped the week prior. Additional information, and box locations, can be found at www.san-clemente.org/streetartinfo.

INACTIVE PROJECTS

The Gallery; Cliff Jones – 361-6186

Project on hold as applicant considers development options.

La Entrada Mixed Use; Jim Pechous – 361-6195

Application placed on hold at applicant’s request since spring 2005.



PUBLIC WORKS

Bellota Landslide Repair; Bill Cameron, 361-6120

Last Updated: 3/8/12

All project construction is substantially complete. Per the February 2012 inclinometer readings, the geotechnical engineer for Seaview Repair LLC (LLC) noted the mobile home park lots are ready to release and the single family lots are not. An additional inclinometer and piezometer were installed in late April 2012 to assist in evaluating the continuing creep above the shear pins per the geotechnical engineer's recommendation. The latest inclinometer readings from November 2012 show continued movement of the upper slope. Based on these readings, the geotechnical engineer has noted the upper lots are still not ready to be released and recommended an additional year of inclinometer monitoring. The professional recommendation of the geotechnical engineer is needed to release the upper lots for building permits.

Of the 24 mobile home lots to be sold, 20 lots were on a Tentative Map approved by the City. Rutan & Tucker recently determined a Certificate of Compliance to sell the other 4 lots was unacceptable. County Surveyor recommends amending Tentative Map to add the 4 lots. A proposal to amend the map was requested from the surveyor who prepared the Tentative Map. Processing through the Department of Real Estate continues and approval is dependent on recording the amended map. The sale of lots is probably out about 6 months, assuming lenders & property owners will sign the Final Map. The LLC has indicated that Bank of America is unwilling to sign the map and is working to obtain necessary signatures.

U.S. Army Corps of Engineers Shoreline Erosion Study; Tom Bonigut- 361-6187

Last Updated: 12/4/12

The San Clemente Study/Project is in process for Federal authorization via the upcoming Water Resources Development Act (WRDA) bill. The City's Federal lobbyist Marlowe & Company, has developed proposed language and confirmed that it is in the first draft of the WRDA bill. Congress is not expected to earnestly work on this bill until early 2013. Marlowe will also be supporting efforts to change current Federal policy which does not support funding for projects below a Benefit-Cost ratio (BCR) of 2.5 (this issue affects other projects also). Per the Corps' most recent update the City's project has a BCR of 1.4. Also, the very latest total 50-year project cost estimate is \$98.1 million (previously the estimate had been as high as \$155 million). While we await more definitive word about progress on the draft WRDA bill, Corps staff plans to start drafting a PED (design phase) cost sharing agreement. This will be needed to help preserve awarded DBW grant funds for the PED design phase.

Marblehead Coastal Development; Tom Bonigut - 361-6187

Last Updated: 3/7/13

The City Council approved a tri-party agreement (City, Arch Insurance, Lehman) on February 19. Signatures from Lehman and Arch are being obtained, and then the agreement will be provided for mayor signature. In the meantime, Lehman and Arch are preparing updated bonds per the agreement, and Lehman's construction team is updating various plans so construction can resume. Some plan updates will require City review (e.g. to confirm conformance with updated codes), but permits are expected to be issued by mid-April. Initial work will include:

- Trail system and Phase I parks (Pico park and Bluff-Top park);
- Completion of Pico street lighting, landscaping and sidewalks; and
- Completion of Vista Hermosa street improvements, street lighting and traffic signals, sidewalks and landscaping.



Once these items are underway, additional improvements will follow. Also, AT&T has prepared a revised relocation plan for its major fiber optic facility, which both Lehman and Craig Realty have reviewed and confirmed will work with the proposed commercial project. Lehman and Craig realty are also finalizing an agreement for coordination of key work items on the commercial property, including completion of site grading. Finally, Lehman's grading of the canyon slopes around the Vista Hermosa Bridge will be completed within 2-3 weeks (weather permitting).

Poche Beach; Tom Bonigut - 361-6187

Last Updated: 3/7/13

An update on Poche, including planned and proposed actions, will be submitted for the Council's March 26th Strategic Priority Planning meeting. City staff is also coordinating a Poche-specific meeting with various County divisions to coordinate next steps and key action items.

Project Update

Community Development

- Miramar Theater and Bowling Alley
- Master Wayfinding/Sign Program – Citywide
- The Centennial General Plan
- Bicycle and Pedestrian Master Plan (BPMP)
- Quiet Zone/Wayside Horns

Public Works

- Marblehead Coastal Development
- Bellota Landslide Repair
- Street Improvement Program/Assessment District Renewal
- Sidewalks

Beaches, Parks & Recreation

- Library Expansion Expense Issues
- Courtney Sandcastle Phase II
- Base of Pier Restroom Rehabilitation
- Ole Hanson Beach Club Rehabilitation Phase 2

Finance & Administrative Services

- American with Disabilities Act (ADA)
-



Miramar Theater and Bowling Alley

The City received a grant from the State Office of Historic Preservation (OHP) to complete a Historic Resource Study for the Miramar Theater and Bowling Alley. The Study will evaluate the structural condition of the Miramar and Bowling Alley, their historic integrity and potential adaptive reuses.

The Study is underway and the consultant architect and structural engineer have completed site visits, research, structural analysis, a meeting with the historical society and preliminary design concepts. The Draft Historic Resource Study will be provided by the consultant on March 22, 2013 for the City, property owner, and OHP for review. The report and a presentation are anticipated to go to City Council in May 2013. The owner of the Miramar and Bowling Alley has indicated he is anxious to process an application to restore and reuse the buildings. They intent to use the findings from the Study to refine the plans for the adaptively reuse of the theater and bowling alley.

Timeline of key events:

- March 22 - draft HSR provided by consultant
- May 2013 - report & presentation to Council



Master Wayfinding/Sign Program – Citywide

The purpose of the wayfinding sign program is to develop a comprehensive branding and sign program for the City focusing on the City beaches, points of entry, Downtown, North Beach, and Pier Bowl areas. The signage includes pedestrian, vehicular, and bicycle orientation to identify and lead visitors and residents to their destinations and various points of interests in the City. It is also a goal of the program to eliminate inconsistent designs and unnecessary signs to reduce clutter.

Several prototypes wayfinding signs have been placed in the field, so that Council may evaluate the effectiveness and value of the program.

Timeline of key events:

- Mar 2013 - 5 signs installed to better direct people to Community Development/Public Works building
- April 2013 - 5 sign to be installed around the Pier Bowl loop, April 2013
- This is an ongoing project



The Centennial General Plan

The Planning Commission completed its review of the Preliminary Draft Mobility and Complete Streets Element on February 13th. With that milestone reached, the Planning Commission is expected to begin hearings on the comprehensive "Public Hearing Draft Centennial General Plan" starting next month. The Planning Center expects to deliver the Hearing Draft by mid-April and, after staff review for accuracy and completeness, the Draft will be distributed to Council and Planning Commission members and put on the City's website. The Planning Center is revising a Draft "Initial Environmental Study" in response to staff comments and plans to hold a public "scoping meeting" in late March or April to get public comments on topics to be addressed in the Centennial General Plan Draft EIR. A joint City Council/General Plan Advisory Committee/Planning Commission meeting is planned, possibly for Wednesday evening, May 29th, with the City Council expected to firm up the joint meeting date at its April 2nd meeting. In the meantime, CDD and IT staff are constructing a "working" version of the draft General Plan on the City's website, expected to be ready later this month.

The Planning Commission is now expected to forward its recommended draft General Plan and Draft EIR to Council by mid-June 2013, with final Council action anticipated in July 2013.

Timeline of key events: (Tentative)

- May 29th – Special Joint Council/GPAC/Planning Commission meeting
- June 24th – Special meeting for Council review of draft Centennial General Plan/Draft EIR
- July 9th – Special meeting for final Council action on General Plan/EIR



Bicycle and Pedestrian Master Plan (BPMP)

This is the City of San Clemente's first Bicycle and Pedestrian Master Plan (BPMP). It establishes San Clemente's bikeway system to be considered for implementation and identifies the need to integrate with the existing system of regional bikeways in the southern Orange County area. It also provides broad recommendations to improve the overall walking environment. This Plan's candidate recommendations are based on public input, coordination with City departments and community groups, as well as best practices employed by agencies around the country. The BPMP sets goals, policies and implementation measures to create a more balanced transportation network; one that is less focused on the automobile than has historically been the case for much of Southern California. The Draft BPMP is available for public review and includes design standards to promote safe walking and bicycling and once adopted, will implement transportation and environmental sustainability goals of the General Plan. The BPMP incorporates current and innovative design standards from the innovative *Model for Living Streets Design Manual*.

Late last year, the Planning Commission completed its review of the draft BPMP and its policies and programs have been incorporated into the draft Mobility and Complete Streets Element, which was reviewed by the Planning Commission on January 23rd. "Candidate" bicycle and pedestrian projects were reviewed by the traffic engineering consultant, Fehr and Peers, for potential effect on traffic and circulation and these will be addressed in the draft EIR.

GPAC and the Planning Commission were introduced to the topic of "complete streets" through a series of videos showing how various cities have addressed a broad range of transit needs, including bicyclists, pedestrians, public transit riders, and others. To integrate the BPMP with the General Plan, as directed by the City Council, the core of the BPMP, its goals, policies, and implementation actions, will be "bolted into" the General Plan Circulation Element. At its September 25th special meeting, the Planning Commission began its review of the BPMP with an introduction to Complete Streets and multi-modal transportation planning. At its October 17th meeting, the Commission reviewed Chapter 2, "Policy Framework", made several changes to the draft BPMP to reconcile multiple recommendations from the consultant, PEDal and City staff, and approved the BPMP's revised draft goals, policies and implementation measures. The Commission continued its review of the draft BPMP on November 15th and received Planning Commission support (with edits) on December 5, 2012. The Planning Commission will make a formal recommendation on the BPMP in early 2013 and City Council adoption is expected mid-2013.

Timeline of key events:

- June 24th – Special meeting for Council review of draft BPMP/Centennial General Plan/Draft EIR
- July 9th – Special meeting for final Council action on BPMP/General Plan/EIR



Quiet Zone/Wayside Horns

City staff, Mike Day (the City's CPUC attorney), OCTA staff and expert consultants are prepared written testimony and gave verbal testimony on January 4th, 2013. We are now awaiting a Preliminary Decision (PD) by the CPUC Administrative Law Judge. The final CPUC decision on the approval of the San Clemente AWS is scheduled for April 4, 2013. The application for the California Coastal Commission (CCC) to approve the AWS has been submitted to CCC.

Timeline of key events:

- April 4 - CPUC to make final decision for approval of San Clemente AWS



Marblehead Coastal Development

The City Council approved a tri-party agreement (City, Arch Insurance, Lehman) on February 19. Signatures from Lehman and Arch are being obtained, and then the agreement will be provided for mayor signature. In the meantime, Lehman and Arch are preparing updated bonds per the agreement, and Lehman's construction team is updating various plans so construction can resume. Some plan updates will require City review (e.g. to confirm conformance with updated codes), but permits are expected to be issued by mid-April. Initial work will include:

- Trail system and Phase I parks (Pico park and Bluff-Top park);
- Completion of Pico street lighting, landscaping and sidewalks; and
- Completion of Vista Hermosa street improvements, street lighting and traffic signals, sidewalks and landscaping.

Once these items are underway, additional improvements will follow. Also, AT&T has prepared a revised relocation plan for its major fiber optic facility, which both Lehman and Craig Realty have reviewed and confirmed will work with the proposed commercial project. Lehman and Craig realty are also finalizing an agreement for coordination of key work items on the commercial property, including completion of site grading. Finally, Lehman's grading of the canyon slopes around the Vista Hermosa Bridge will be completed within 2 weeks (weather permitting).

Timeline of key events:

- Week of March 25 (or sooner) - tri-party agreement for Mayor signature
- End of March - complete bridge/canyon slope grading
- Mid-April - receive all updated bonds, and issue permits to Lehman for parks and trail system
- May - issue permits for Pico and AVH improvements



Bellota Landslide Repair

All project construction is substantially complete. Per the February 2012 inclinometer readings, the geotechnical engineer for Seaview Repair LLC (LLC) noted the mobile home park lots are ready to release and the single family lots are not. An additional inclinometer and piezometer were installed in late April 2012 to assist in evaluating the continuing creep above the shear pins per the geotechnical engineer's recommendation. The latest inclinometer readings from November 2012 show continued movement of the upper slope. Based on these readings, the geotechnical engineer has noted the upper lots are still not ready to be released and recommended an additional year of inclinometer monitoring.

Of the 24 mobile home lots to be sold, 20 lots were on a Tentative Map approved by the City. Rutan & Tucker recently determined a Certificate of Compliance to sell the other 4 lots was unacceptable. County Surveyor recommends amending Tentative Map to add the 4 lots. The surveyor who prepared the Tentative Map was authorized to prepare the amended Map. Processing through the Department of Real Estate continues and approval is dependent on recording the amended map. The sale of lots is probably out about 6 to 8 months, assuming lenders & property owners will sign the Final Map. The LLC has indicated that Bank of America is unwilling to sign the map and is working to obtain necessary signatures.

Timeline of key events:

- June 2013 - Prepare amended Tentative Map and obtain City approval
- Sept 2013 - Obtain signatures on Final Map and record the Map.
- Nov 2013 - Begin marketing mobile home lots first to existing mobile home park residents and then to the public.



Street Improvement Program/Assessment District Renewal

The City Council received a report presenting the results of the pavement management assessment at its December 18, 2012 meeting, at which time the challenge posed by Proposition 218 requirements and recommendation to retain an Assessment District engineering consultant were discussed. The City Council decided to not hire an assessment engineer at this time, and instead decided to re-visit the issue during the FY14 budget process. The City Council directed staff to report any information which may shed light regarding a path toward successful implementation of a street assessment district.

Timeline of key events:

- May 16 - at budget workshop staff will present any updated information regarding the potential to pursue a street assessment district



Sidewalks

At its September 4, 2012 meeting, the City Council approved the following priority list for FY13 new sidewalk construction projects:

1. La Paloma (Marquita to Puente, northbound side).
2. West Avenida Palizada (Miramar to Ola Vista, eastbound side).
3. Avenida La Costa (Plaza a la Playa to Monte Cristo, eastbound side).
4. Calle Seville (Cabrillo to W. Palizada, northbound side).
5. T-Street area (existing gaps at 330-332 Cristobal, 301 Esplanade, and at the corner of Esplanade & Cristobal).
6. 500 block S. Ola Vista (northbound side).
7. North El Camino Real (gap between the existing sidewalk south of Camino San Clemente and the planned Marblehead/ECR sidewalk). Per Council direction, only pursue design at this time.

The La Paloma, La Costa and Seville sidewalk projects will start construction in April (contingent upon Council approval of the construction contract on April 2). The second group of sidewalk projects (W. Ave. Palizada, T-Street area, and S. Ola Vista) involves more complicated design, which is in progress. This second group is planned to be advertised for construction in April. Design of the North ECR sidewalk will coincide with Lehman's design updated of Marblehead-ECR improvements this Summer.

Timeline of key events:

- April 2 - Council award of construction contract for Phase I sidewalk projects
- Mid-May - Council award of construction contract for Phase II sidewalk projects
- Memorial Day - complete La Costa sidewalk
- June - complete remaining Phase I sidewalks
- July - complete Phase II sidewalks
- June-August - N. ECR sidewalk design



Library Expansion Expense Issues

BP&R staff met with County staff was held on February 8, 2013. The Project Manager for the County is retiring and County will assign a new Project Manager for this project.

BP&R provided the building division a preliminary set of plans in mid-February and city staff provided some general comments to the Architect.

County staff and the library design team met with the Development Management Team on March 7, 2013 to discuss design issues and provide information to County related to the permit process.

City Staff also met with the design team on March 11, 2013 at the library to review exterior site conditions ~~need~~ including proposed new awnings, new patio area, book donation drop off site options and improvements that will be required to exterior ramps and hardscape in order to comply with disabled access regulations.

The Building Division, Planning Division and Engineering Division will formally review the project when the County applies for a building permit. Design Development Documents have been received. Construction is now scheduled for completion December 2014.

Timeline of key events:

- May 2013 - County to submit plans for permit review (per County Staff)
- March 2014 - Construction bid process scheduled October 2013 through March 2014
- March 2014 - Tentative construction contract award date
- April 2014 thru Oct 2014 - Tentative construction period Dec 2014 Projected completion



Courtney's Sandcastle Phase II

Courtney's Sandcastle Phase I opened to the public on February 25, 2012 and is located within Vista Hermosa Sports Park. The Courtney's Sandcastle Foundation has been fundraising for Phase II. The City Council has agreed to match funds to help reach the goal of completing Phase II.

Courtney's Sandcastle Foundation has had success raising funds and is within \$12,243.91 of the target for Phase II. The Foundation has approved the use of \$29,000 to prepare bid documents and request they be completed by May 1, 2013. The City Attorney is assisting with the preparation of a three way agreement between Tim Shaw, a Landscape Architect consultant, the City as Project Manager, and Courtney's SandCastle Foundation for payment of the fees to prepare construction documents, not to exceed \$29,000. However, the schedule can not be met for May 1. A date of June 28, to go to bid was forwarded to the Foundation for review.

Foundation members are conducting quarterly attendance counts, which is information that is essential to apply for grants to keep the playground vibrant. Cost estimates and designs have been obtained from Water Feature design and construction companies via Tim Shaw, Landscape Architect consultant. The area for adding the additional fundraising tiles has been prepped and is expected to be installed soon.

Timeline of key events:

- June 28 - item is set to go to bid



Base of Pier Restroom Rehabilitation

The existing beach restroom located at the base of the San Clemente Pier consists of a one story structure constructed in approx. 1975. The restroom has been identified as an area of need.

RRM Architects has completed a preliminary design and is completing cost estimates and structural assessments. Staff will present the concepts to City Council in April.

Timeline of key events:

- March 26 - Staff is meeting with RRM Design Group to go over finalized design and cost estimates on
- April 2013 - Conceptual Design will be presented to council



Ole Hanson Beach Club Rehabilitation Phase 2

The Ole Hanson Beach Club is a historic landmark in San Clemente. In March 2012 the Beach Club was closed to begin the deconstructive testing to determine the scope of rehabilitating the building. Since receiving that report, the Architectural Resources Group (ARG) has been retained to design floor plan options for the proposed building and pool improvements. The existing budget is \$2.5 million; however, the project team identified \$3.7 million of needed repairs.

At the January 8, 2013 meeting, the City Council requested additional concept development to look at the potential shifting of the pool equipment to allow ocean view building space, look at kitchen size and location, modify pool fencing, expand patio area, add in women's dressing areas, more dramatic entry/view of pool, and phasing. The Architectural team is currently working on these and staff will schedule a work session of the City Council to review including budget estimates.

Timeline of key events:

- April 16 - Staff will present modified conceptual layouts and cost estimates at the City Council meeting



American with Disabilities Act (ADA)

The City continues its efforts to be compliant with the federal Americans with Disabilities Act (ADA). In 2008, the Long Term Financial Plan included a paper on the Americans with Disabilities Act and the steps the City needed to take to towards full compliance with ADA Title II. Since then, staff has included ADA progress updates in subsequent years' Long Term Financial Plans.

City staff has completed the administrative requirements for compliance with ADA. A comprehensive self assessment of City facilities, programs, services, and activities to identify areas of non-compliance was completed in November 2011. The ADA Transition Team finalized the priority level of each of the findings in the reports, and those priority levels have been input into DacTrak, a web-based data management system.

Implementation of the prioritized Transition Plan involves addressing non compliant items at City facilities over approximately the next 20 years; through maintenance projects, other City CIP-related projects, and specific ADA projects. In order to continue to remove barriers at City facilities, the Capital Improvement Program proposes to budget \$150,000 for fiscal year 2014 and \$100,000 annually for fiscal years 2015 through 2019.

An ADA update paper has been drafted as part of the 2013 Long Term Financial Plan which will be presented to the City Council in March 2013.

Timeline of key events:

- March 26, 2013 – Long Term Financial Plan ADA paper to City Council.
- Ongoing - ADA non-compliant items to be addressed based on priorities and allocated funds.