

# AGENDA FOR THE ADJOURNED REGULAR MEETING OF THE COASTAL ADVISORY COMMITTEE FOR THE CITY OF SAN CLEMENTE, CALIFORNIA

San Clemente Community Center Ole Hanson Fireside Room 100 North Calle Seville San Clemente, California July 10, 2014 7:00 p.m.

### **RULES FOR ADDRESSING THE COMMITTEE**

Members of the audience who wish to address the Committee are requested to complete one of the forms located on the table near the entrance of the Ole Hanson Room and submit it to the Chairperson.

For matters on the agenda, public comments will be received at the time that the Coastal Advisory Committee considers the agenda item.

Please note: Written material distributed to the Coastal Advisory Committee, after the original agenda packet was distributed, is available for public inspection in the Environmental Programs office located at 910 Calle Negocio, San Clemente, CA during normal business hours.

- 1. CALL TO ORDER
- 2. PLEDGE OF ALLEGIANCE
- 3. ROLL CALL
- 4. APPROVAL OF MINUTES
  - A. May 8, 2014
  - B. June 12, 2014
- 5. NOMINATION AND ELECTION OF CHAIR AND CHAIR PRO TEM
- 6. PUBLIC INPUT

Members of the audience who wish to address the Committee on matters of public interest pertaining to the City may step to the podium, state their name and the City in which they reside, and make their presentation. Please limit presentations to three minutes. Since the Committee cannot discuss or take action on matters not on the agenda, items of concern which are not urgent in nature can be resolved more expeditiously by completing and submitting a written request to the Engineering Division, Environmental Programs Section.

Pursuant to the Americans with Disabilities Act, persons with a disability who require a disability-related modification or accommodation in order to participate in a meeting, including auxiliary aids or services, may request such modification or accommodation from the Environmental Programs Assistant at (949) 361-6143. Notification 24 hours prior to the meeting will enable the City to make reasonable arrangements to assure accessibility to the meeting.

### 7. OLD BUSINESS - None.

### 8. NEW BUSINESS

### A. Coastal Advisory Committee Overview

A memo by Mary Vondrak, Senior Management Analyst, with an overview of the Coastal Advisory Committee history.

Staff Recommendation: Information and discussion item

### B. Clean Ocean Program Review and Regional Board Audit Update

A memo by Mary Vondrak, Senior Management Analyst, with an overview of the Clean Ocean Program and findings from a recent Regional Water Quality Control Board audit.

Staff Recommendation: Information and discussion item

### 9. ORAL AND WRITTEN COMMUNICATION

### A. <u>Bacteriological Monitoring Report – Date of Posted Report 7/1/14</u>

Information item – Receive and File

### B. June 2014 Environmental Programs Update

A summary of recent activities conducted by the City related to runoff/surface water quality and solid waste/recycling.

Information item - Receive and File

### 10. ITEMS FROM STAFF

### A. <u>Potential Future Agenda Items</u>

A memo by Mary Vondrak, Senior Management Analyst, on scheduling of potential future Coastal Advisory Committee agenda items.

Staff Recommendation: Information and Discussion Item.

### 11. ITEMS FROM COMMITTEE MEMBERS

### 12. ADJOURNMENT

Adjourn to an Adjourned Regular Meeting to be held on Tuesday, September 9, 2014 at 7:00 p.m. at the Municipal Golf Course restaurant located at 150 E. Magdalena, San Clemente, California, for the purpose of meeting in joint session with the City Council and all City Commissions and Committees.

\*NOTE: The August 14, 2014 meeting has been cancelled.

### 4.A.

# MINUTES CITY OF SAN CLEMENTE REGULAR COASTAL ADVISORY COMMITTEE MEETING

Thursday, May 8, 2014 @ 7:00 p.m. Community Center, Ole Hanson Fireside Room 100 N. Seville, San Clemente, CA 92672

### 1. CALL TO ORDER/ PLEDGE OF ALLEGIANCE

Chair Hart called the meeting to order at 7:00 p.m. Chair pro tem Salgado led the Pledge of Allegiance.

### 2. ROLL CALL

Present: Susan Ambrose, Don Brown, Richard Dickey, Ken Nielsen, and

Michael Smith; Chair pro tem Peter Salgado and Chairman Bill

Hart

Absent: None

Staff Present: Mary Vondrak, Senior Management Analyst

Eileen White, Recording Secretary

### 3. APPROVAL OF MINUTES

### A. Minutes of the Regular CAC Meeting of April 10, 2014

IT WAS MOVED BY COMMITTEE MEMBER BROWN, SECONDED BY COMMITTEE MEMBER NIELSEN, AND CARRIED 6-0-1, WITH CHAIR PRO TEM SALGADO ABSTAINING, to receive and file the minutes of the regular meeting of April 10, 2014, with the following revisions:

Page 4, last paragraph, 1<sup>st</sup> sentence, after "questions" insert "to staff and Chair Hart"

- 5. PUBLIC INPUT None
- 6. OLD BUSINESS None

#### 7. NEW BUSINESS

### A. Proposed Changes to AB411 Monitoring Program

Mary Vondrak, Senior Management Analyst, summarized the staff report. Currently three separate agencies sample public beaches. These agencies include the Orange County Health Care Agency, (OCHCA) the Orange

County Public Works, and the South Orange County Wastewater Authority (SOCWA). The San Diego Regional Water Quality Board (RWQCB) staff has recommended changes to the monitoring program to increase efficiencies and balance regulatory compliance with public health protection. A workgroup of select stakeholders has developed a recommended program that would eliminate duplicate monitoring efforts and surpass the current State AB411 requirements. These recommendations include consolidating or eliminating sampling stations, revising sample frequency with respect to the level of impairment, establishing more rigorous trigger for public notification, and implementing investigations when warranted to assess public health risks and/or identify sources. Several agencies expressed support of the unified program at a workshop in April. Permit changes would ultimately be necessary to implement these recommendations. The Committee will receive regular updates on this proposal as it moves through the approval process. Staff recommended the Committee receive and file the report.

In response to questions, Senior Management Analyst Vondrak estimated that additional information regarding the recommended changes may be available after December 2014; advised RWQCB staff recommendation for a user friendly Regional Water Quality Control Board website to make water quality data more easily accessible and understood; confirmed that the only agency that posts warnings at the beach is OCHCA; agreed with speculation that it may be possible that San Clemente beaches will receive more warnings and be subject to additional public relations intensity due to increased testing.

Report received and filed.

### B. Poche Action Plan Update

Senior Management Analyst Vondrak reviewed the staff report, including historical activities in the Poche watershed as well as an update on current and future projects planned as part of the City's Poche Action Plan. She reviewed the sources of water draining into the watershed, the City's attempts to address the high bacteria levels found in the channel, actions leading up to creation of the Poche Action Plan, and the recommended actions from the plan. In addition, she discussed current activities on site, including bird deterrent programs and Poche UV Treatment System, as well as next steps, upcoming projects, and active permits. Staff recommended the Committee receive and file the staff report.

In response to questions from the Committee, Senior Management Analyst Vondrak offered copies of the comprehensive bacteria source ID study and Poche Action Plan; advised the City's upcoming Sewer Master Plan update will address outfall; provided history of the Shorecliffs Golf Course bioswale; stated the berm configuration on the beach contributes to how treated water is discharged; noted this Committee will review all actions being considered

by staff; advised the regional water quality control board determined the location of the treated water discharge.

Committee Member Smith thanked Senior Management Analyst Vondrak for answering all the questions he submitted at the Committee's last meeting. In response to his suggestion that the falconry program run simultaneous at the landfill and Poche Pond, Senior Management Analyst Vondrak noted that the Poche Pond benefits when the falconry program is at the landfill, and Poche Beach has had an A+ rating since August when the Poche Action Plan started.

Committee Member Salgado noted that one solution is to install rip rap like other agencies have done, which makes the pond less attractive to birds and results in less water going out to the ocean. In addition, he volunteered to help staff with technical reports if needed.

Committee Member Brown announced that the update to the Sewer Master Plan is included in one of the projects in the General Plan's Strategic Implementation Plan and that the City Council has approved funding for the Poche Beach Action Plan from the Clean Ocean Fund.

Committee Members commended Senior Management Analyst Vondrak for the excellent and informative staff report.

Report received and filed.

### 8. COMMUNICATIONS

- A. <u>Bacterial Monitoring Report Dated April 30, 2014</u>
- B. April 2014 Environmental Programs Update

Committee Members received and filed items 7A and 7B.

Senior Management Analyst Vondrak informed that many attendees at the City's Cinco de Mayo event signed pledge forms and received water bottles from staff; advised that representatives from 5 homeowners associations attended the H2O for HOA's Workshop and noted plans for next year include expanded promotion and extended day with lunch provided; advised the majority of the water to the Prima Deshecha Watershed comes from the urbanized development rather than the Shorecliffs Golf Course; noted Forster Ranch HOA will soon be using reclaimed water for its association property maintenance.

Committee Member Nielsen announced that video of the CAC's watershed tour workshop is available via the City's website and currently playing on channel 30.

Committee Member Ambrose commended Senior Management Analyst Vondrak for the colorful media ads currently running that are in line with the CAC's goals and actions; noted that artificial turf is being promoted in her neighborhood.

Chair Hart commented the number of offenders in the Case Log has decreased steadily in the last few years.

Committee Member Brown commented that on May 22, his existing lawn will be replaced with artificial turf, and that he is taking advantage of the City's rebate program.

### 9. ITEMS FROM STAFF

### A. <u>Potential Future Agenda Items</u>

Mary Vondrak, Senior Management Analyst reviewed the Potential Future Agenda Items and requested the Committee Members provide input. Committee Members added Review of Environmental Sustainability Grants to their July agenda, and agreed to cancel the August meeting due to lack of agenda items and/or scheduling conflicts.

Report received and filed.

### 10. ITEMS FROM COMMITTEE MEMBERS

Committee Member Smith reported no update from Beaches, Parks and Recreation Commission.

Committee Member Dickey informed that first samplings of coastal waters for potential radioactivity as result of the Fukushima Nuclear Crisis have been negative.

Committee Member Nielsen commented that his research indicates the best quality of sand currently available for sand replenishment projects is from Mission Bay, and all the Committee Members agreed on the importance of procuring quality sand. In addition, he noted Greg Heron Is available to come speak to this Committee and agreed to forward his contact information to Senior Management Analyst Vondrak for scheduling; suggested the City and CAC team with SANDAG as they would be a great asset for the City.

Committee Member Brown reported that at their last meeting the Planning Commission reviewed SB 2 and continued it to a special meeting on May 28; the City's Capital Improvement Program will be formally presented in a couple weeks; the Strategic Implementation Plan will be presented for Council recommendation in June.

Chair Hart requested that staff alert him when the Strategic Implementation Plan will be on the City Council agenda; announced Earth Day had to be canceled because the strong winds precluded equipment set up.

### 11. ADJOURNMENT

MOVED BY COMMITTEE MEMBER BROWN, SECONDED BY COMMITTEE MEMBER SMITH, AND UNANIMOUSLY CARRIED to adjourn at 8:01 p.m. to the Regular Meeting for the Coastal Advisory Committee to be held on Thursday, June 12, 2014, at 7:00 p.m. in the Fireside Room, at the Community Center, 100 N. Seville, San Clemente, California.

Respectfully submitted,		
Chair of the Coastal Advis	sory Committee	
Attest:		
Tom Bonigut, Assistant Ci	ity Engineer	

# MINUTES CITY OF SAN CLEMENTE REGULAR COASTAL ADVISORY COMMITTEE MEETING

Thursday, June 12, 2014 @ 7:00 p.m. Community Center, Ole Hanson Fireside Room 100 N. Seville, San Clemente, CA 92672

### 1. CALL TO ORDER/ PLEDGE OF ALLEGIANCE

Chair Hart called the meeting to order at 7:04 p.m. Committee Member Nielsen led the Pledge of Allegiance.

### 2. ROLL CALL

Present: Susan Ambrose, Don Brown, Richard Dickey, Ken Nielsen, and

Michael Smith; Chair pro tem Peter Salgado and Chairman Bill

Hart

Absent: None

Staff Present: Mary Vondrak, Senior Management Analyst

Jim Pechous, City Planner

Eileen White, Recording Secretary

### 3. APPROVAL OF MINUTES

### A. Minutes of the Regular CAC Meeting of May 8, 2014

Minutes of the May 8, 2014, meeting were unintentionally left out of the meeting packets. Approval of the May 8, 2014, meeting minutes was continued to the July 10, 2014, meeting.

- 5. PUBLIC INPUT None
- 6. OLD BUSINESS None

### 7. NEW BUSINESS

### A. The Road to Local Coastal Program Certification

Jim Pechous, City Planner, narrated a PowerPoint Presentation entitled, "Coastal Advisory Committee, LCP Update, dated June 12, 2014." He provided information on the purpose and format of the LCP, displayed maps indicating defined boundaries for areas included in the LCP, including areas under City authority and areas remaining under the California Coastal Commission (CCC) authority; described the format of the LCP, reviewed the

consultants and staff involved with the update; summarized guidelines provided by the CCC to assist in the update; described benefits to residents when the City's LCP is realized. He summarized issues of importance to the CCC that the City will pay particular attention to while crafting the LCP, including biological importance, coastal canyon plantings, retention and encouragement of low cost overnight accommodation within the coastal areas, as well as important issues related to beach maintenance, water quality and special events. He reviewed the timetable of events, which includes those items already accomplished, staff-related activities such as taking biological inventory and analysis, schedule of public outreach, workshops, and hearings, as well as LCP preparation and the CCC review/certification process. Staff recommended the Committee hear the presentation, discuss and provide input, and receive and file the staff report.

Chair Hart clarified that the important message to take away from the LCP process is that the City has to be diligent to ensure that any approvals they make are in line with CCC guidelines. The public needs to be aware that although the governing body which approves the projects may be different, the strict rules will remain the same, and they will be diligently applied by the City. He estimated that the majority of residents living in areas currently under CCC authority are well aware of the fact that any improvements would have to go through CCC review; speculated most affected residents will be happy to hear about an improved process and reduced/eliminated need to travel to Long Beach for approval; commented that inventory of canyon properties encroaching into the canyon had been performed in the past and should be available for comparison to existing conditions. He strongly encouraged staff to identify properties that have encroached into the canyon at any time, whether it be many years ago when the original inventory was taken, or those that have encroached in the more recent past. He encouraged all to read the section of Municipal Code containing the coastal canyon development guidelines adopted 10 years ago.

Committee Member Brown commented that some of the advantages for residents would be a shorter time frame for the review process, no need to drive up to Long Beach for review, and staff availability for answers to questions.

Committee Member Ambrose suggested a public service announcement would help inform the public; agreed inventory of non conforming uses within the canyon should be reviewed at this point, especially with regard to potential fire hazards.

In response to questions, City Planner Pechous advised that all property owners on affected lots will be notified of the public outreach and hearing process; informed that many are especially interested in guidance/regulations regarding lot subdivisions; agreed to take under advisement a suggestion to inventory non-conforming uses in the canyons.

He advised that inventorying non-conforming uses in the canyons would be time consuming and costly; noted the decision whether to fund the inventory would be at the City Council's discretion; noted that Code Enforcement visits properties when non-conforming conditions are reported. Visits are followed up with letters from the City and reporting to the CCC.

Committee Member Brown advised that he has been appointed by the Planning Commission to represent it for the LCP update process. He agreed to keep this Committee informed as to their progress as well.

City Planner Pechous encouraged the Committee Members to attend the LCP public outreach session expected to be held in August. He has tasks/activities they can help with at the meeting.

Chair Hart commented that attending the August LCP outreach meeting would be a good substitute for their regular August meeting, which was canceled due to lack of agenda items/scheduling conflicts.

Committee Members thanked Jim Pechous, City Planner, for his informative presentation. Report received and filed.

### B. <u>Stingray Incident Report</u>

Senior Management Analyst Vondrak reviewed the staff report, including information on the species and behavior of stingrays found at San Clemente beaches, current trends seen by lifeguard staff in San Clemente, and current trends seen at northern Orange County beaches. The report described typical response by Marine Safety personnel when a sting occurs and recommended habits to implement to avoid being stung by stingrays. Included in the staff report was a table comparing the number of reported stingray incidents in San Clemente to Seal Beach, Bolsa Chica State Beach, and Huntington Beach. The data indicates that there is no upward trend or increase in stingray incidences reported to the City of San Clemente's Marine Safety Department. Staff recommended the Committee receive and file the report.

Chair Hart recommended that the City issue some type of public outreach or press release highlighting information on how to avoid being stung. He also recommended creating outreach for Metrolink passengers and distributing it on trains coming to San Clemente from inland areas.

Committee Member Smith suggested the City consider adding the stingray warning and recommended behavior either to existing signage, or as new signage, as a public benefit. He endorsed including the information in a Metrolink pamphlet; encouraged the City to publish the information, as well as other information such as the beach smoking ban, actions to take if caught in a riptide, etc., as a friendly gesture for its tourists.

Senior Management Analyst Vondrak recommended Committee Member Smith make that suggestion at a Beaches, Parks, and Recreation Commission meeting as beach signage is within their purview.

The Committee unanimously endorsed encouraging Committee Member Smith bringing this issue to the Beaches, Parks, and Recreation Commission for their consideration based on the report and ensuing discussion at this meeting.

Report received and filed.

#### 8. COMMUNICATIONS

- A. <u>Bacterial Monitoring Report dated June 4, 2014.</u>
- B. May 2014 Environmental Programs Update

Committee Members received and filed items 7A & 7B.

### 9. ITEMS FROM STAFF

### A. Potential Future Agenda Items

Mary Vondrak, Senior Management Analyst, reviewed the Potential Future Agenda Items and requested the Committee Members provide input. Additionally, she noted a Joint Council/Commissions/Committees Meeting had been scheduled on September 9, 2014. The Committee can attend that meeting rather than their regular September meeting, or elect to meet on their regularly scheduled meeting date as well if desired.

Following discussion, the Committee Members elected to replace their regularly scheduled September meeting with the Joint Council/Commissions/Committees meeting on September 9, 2014.

Chair Hart suggested the City Council may be interested in the information regarding sand replenishment provided in the Lawrence Honma Presentation heard by this Committee in December 2013 as a first step to become acquainted with the issue of sand replenishment.

Committee Member Brown reported that at Council's recent Strategic Planning Meeting, a Councilmember brought up and received support from the Council regarding a proposal to consider establishing a special tax, partnership, etc. in order to fund the sand replenishment project.

Committee Member Nielsen reported that he had spoken with Greg Heron, who stated that he would be willing to come to this Committee for a

presentation regarding the SANDAG sand replenishment project; encouraged the City to partner with San Diego Association of Governments (SANDAG) as the City would benefit from their experience with sand replenishment; agreed to forward contact information for Ken Shiff of SCCWRP for a potential presentation regarding a recently published Epidemiological Study.

Senior Management Analyst Vondrak agreed to pass along a recommendation to Tom Bonigut, Assistant City Engineer, that contact information of Lawrence Honma be made available to City Council for their consideration.

Report received and filed.

### B. Announcements from Staff

Senior Management Analyst Vondrak offered to obtain copies of the SCCWRP Epidemiological Study if desired by the Committee Members.

### 10. ITEMS FROM COMMITTEE MEMBERS

Committee Member Smith reported that at its May meeting, the Beaches, Parks and Recreation Commission recommended Planning Commission approval of the Aloha Surf wave pool and miniature golf facility; forwarded to City Council a proposal to expand bicycle riding capability on the beach trail to include the bridge at Mariposa supported by the majority of the Commission; heard a CARE Presentation regarding the memorial gifting proposal. At its June meeting, the Commission recommended City Council approval of the CARE memorial program; approved changes for the Jim Johnson Park (former Courtney's Sandcastle Park site); reviewed the City's plans for a new phase of Courtney's Sandcastle Playground at Vista Hermosa Sports Park.

Committee Member Ambrose commended Chair pro tem Salgado for replacing his back yard landscaping with raised beds to be shared with neighboring families; commended the Committee for the respect and professionalism shown each other during discussions; expressed desire that she be reappointed on the Committee. She acknowledged Tom Bonigut, Assistant City Engineer; Mary Vondrak, Senior Management Analyst, and Eileen White, Recording Secretary, as tremendous assets for the Committee.

Committee Member Nielsen commented that the City should be considering ways to fund the sand replenishment project, including potential fees, special taxes, etc., to prepare themselves for future costs. He noted the City of Encinitas has raised a substantial amount of money from the increase in its transient occupancy tax, which was set aside to fund its sand replenishment project.

Chair pro tem Salgado reported that he had not reapplied to serve on this Committee due to other commitments; commented that serving on the Committee had been a very enjoyable and rewarding experience; commended Committee Members for their time and efforts on behalf of the community. In addition, he advised his offer to help staff with Poche Beach issues remains despite vacating the Committee.

Committee Member Brown reported that at its last meeting the Planning Commission reviewed and approved the Aloha Surf/miniature golf/restaurant facilities; noted the Commission will take action at their next meeting on the proposed Strategic Implementation Program of the General Plan as well as the SB 2 Emergency Shelter Ordinance proposal.

Chair Hart announced that he had reapplied to the Committee and hoped to be reappointed; thanked Committee Member Salgado for his tenure on the Committee, commenting that his technical expertise and knowledge had been particularly valuable; commented that the various points of view/positions espoused by the Committee Members had led to lively and informative discussions.

Senior Management Analyst Vondrak announced that Poche Beach had been removed from the annual Heal the Bay "Beach Bummer" list; noted she will be presenting the Poche Bacteria Study and BMP Implementation information at an upcoming California Stormwater Quality Association (CASQA) conference in the fall; updated the Committee on the condition of the Poche Pond.

### 11. ADJOURNMENT

MOVED BY COMMITTEE MEMBER BROWN, SECONDED BY COMMITTEE MEMBER DICKEY, AND UNANIMOUSLY CARRIED to adjourn at 9:08 p.m. to the Regular Meeting for the Coastal Advisory Committee to be held on Thursday, July 10, 2014, at 7:00 p.m. in the Fireside Room, at the Community Center, 100 N. Seville, San Clemente, California.

Respectfully submitted,
Chair of the Coastal Advisory Committee
Attest:
Tom Bonigut, Assistant City Engineer



# Memorandum Engineering

Wednesday, July 02, 2014

To: Coastal Advisory Committee (CAC)

From Mary Vondrak, Senior Management Analyst Subject: Coastal Advisory Committee Overview

This transmittal is provided to give new Coastal Advisory Committee members a brief overview of the Committee mission and recent topics considered at past meetings. San Clemente Municipal Code Chapter 2.42 provides the framework of the Coastal Advisory Committee. The Committee's mission as written in the code is as follows:

The Coastal Advisory Committee's mission is to preserve, enhance, and where necessary, restore the quality of the coastal water resources and ensure proper and efficient use of the beaches, surf zone and coastal area for the benefit of present and future generations. The Committee shall strive to raise public awareness in promoting a positive environmental stewardship for the greater good of the San Clemente area.

The Committee shall advise the City Council by making recommendations on policy, programs and regulations related to the city's coastal environment and resources. Additionally, the Committee shall work to raise public awareness and promote a shared environmental vision by facilitating partnerships between State and local departments, community groups and businesses. In carrying out its mission, the Committee shall promote forward looking solutions regarding coastal resource issues including, but not limited to, air and water quality, pollution prevention, beach and coastal zone preservation, stewardship, solid waste reduction/recycling and sustainability.

Coastal Advisory Committee members serve to advise by majority decision but do not take actions. Recommendations are generally made to the City Council, other Commissions and Committees and City staff on items relating to coastal issues identified by the City Council. The Committee also provides City Council with recommendations on priorities and future work plans often during the annual Strategic Priority Planning workshop process. A copy of the municipal code is provided in a Coastal Advisory Committee Member Binder along with other informative documents.

The following is a brief list of topics the Committee has considered in recent years. A complete log of topics for the current and past years is available by request from the Environmental Programs department. Agenda packets and minutes from previous meetings can be provided by the department and is also located on the City's website.

### Items Considered in Recent Years:

- Local Coastal Program Certification
- Poche Action Plan Updates
- Clean Ocean Program Outreach
- Beach Sand Replenishment
- Plastic Bag Bans
- Environmental Sustainability Grant Application Recommendations
- Pharmaceutical Drug Drop Box Implementation
- Prima Deshecha Canada Watershed Tour
- Comprehensive Load Reduction Plan
- General Plan Coastal Element Review
- Street Sweeping
- Pilot Food Waste Program
- Storm Drain Inlet Stenciling
- Styrofoam Ordinance
- Climate Action Plan

The Committee historically meets on a monthly basis unless Committee Members decide through majority agreement that it warrants meeting on a less frequent basis.



## Memorandum Engineering

Wednesday, July 02, 2014

To: Coastal Advisory Committee (CAC)

From Mary Vondrak, Senior Management Analyst

Subject: Clean Ocean Program Overview and Regional Board Audit Update

Regional Water Quality Control Board (RWQCB) staff member Laurie Walsh visited the City on February 19, 2014 for an all day audit of the NPDES Stormwater program implementation. The first half of the audit was held in the office and consisted of a presentation outlining the program and question and answer period. The second half of the audit was a field visit and tour of the City's main watersheds and priority areas. A report of the audit was provided via an e-mail dated June 9, 2014. The RWQCB staff gave favorable feedback with regard to some of the programs in the city, most notably, the annual H2O for HOAs public education workshop. Ms. Walsh commented that she sees this as a model program to address over irrigation that other Cities could develop for their jurisdictions. She intends to invite the Cities of San Clemente, San Juan Capistrano and Dana Point to present the program to other cities at a future Regional Water Quality Control Board meeting. It was noted that during this audit there were no violations of Order R9-2009-0002. The current permit is set to expire at the end of 2014. The City is currently working toward enrollment in the Fifth Term Regional NPDES Permit with an anticipated adoption in February 2015.

Attached is an outline of the presentation given during the audit as an overview of the Clean Ocean/NPDES Stormwater Program.



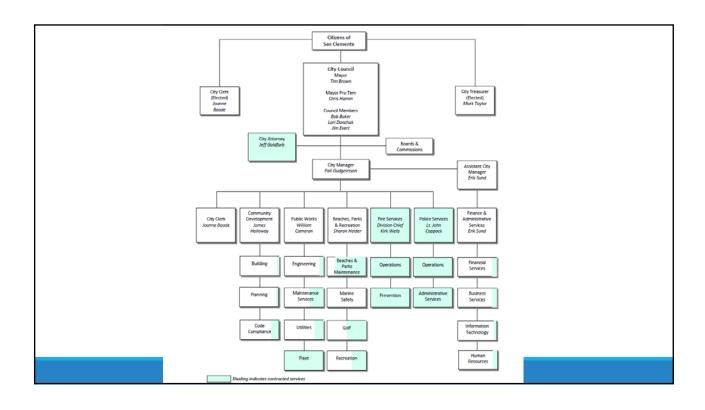
# City of San Clemente

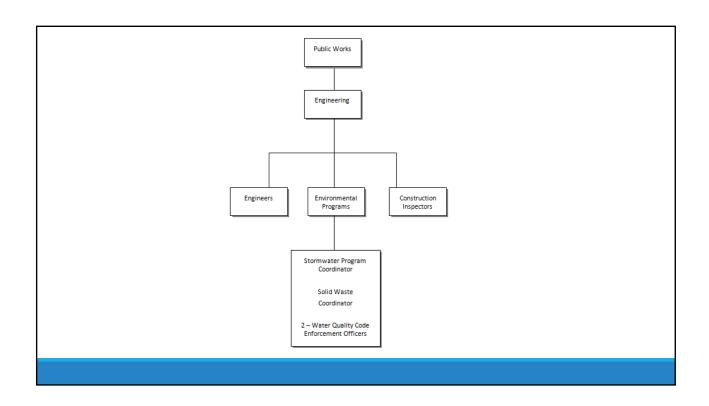
MS4 Program Overview February 19, 2014

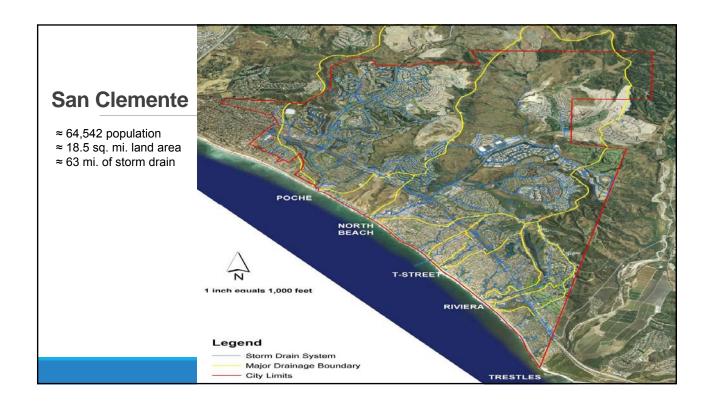
MARY VONDRAK
SENIOR ENVIRONMENTAL ANALYST

## History

- ☐ Incorporated in 1928
- □ Council/Manager form of government
- ☐ City Council (5 members elected)
- ☐ Coastal Advisory Committee (7 members appointed)
- ☐ 196 City Employees

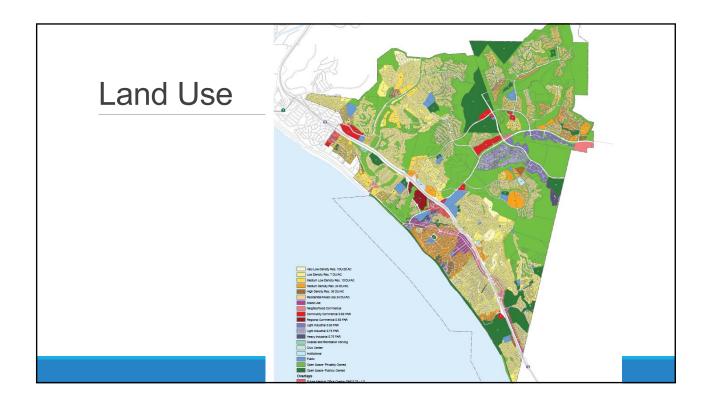






### **Land Characteristics**

- Coastal Bluffs with groundwater running along bedrock
- Predominantly expansive/clay soils (limited percolation)
- Geology: Capistrano and Monterrey Formation
  - high salinity
  - phosphorus
  - metals (cadmium, nickel, zinc)



### Stormwater Fee Overview

- ■Storm Drain Fee
  - Started in 1993
  - Storm drain system O&M & capital improvements
  - No expiration or inflation adjustment
- □Clean Ocean Fee
  - Started in 2003 (5 year sunset clause)
  - Renewed in 2007
  - Renewed and Increased in 2013 (6.5 year sunset clause)

## **Funding Supports**

- Structural Water Quality Projects
- Storm Drain System Improvements
- Street Sweeping
- Enforcement, Inspection and Monitoring
- Development Review
- Public Education

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### **Storm Drain Treatment Units**

### **Six Locations:**

- Calafia
- SC Pier
- West Mariposa/Escalones
- West El Portal
- Palizada
- Linda Lane







Storm Drain System Improvements

- City Pier Drain
- Cabrillo to Palizada
- ECR at Margarita
- Calle Las Bolsas
- · West Marquita
- Acapulco SD Rehabilitation
- Alameda Lane SD Replacement
- Plaza La Playa Floodwall
- · Calle Heraldo SD Rehabilitation
- Annual Citywide SD Rehabilitation



## Street Cleaning





At least 2x per Month



## MS4 Inspection and Maintenance

- Ongoing video inspections of Sewer and Storm Drain
- ✓ Annual Catch Basin inspection & cleaning
- ✓ Catch Basin stenciling w/ unique message
- ✓ Regular trash separation unit cleanings

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# Inspection, Enforcement & Water Quality Monitoring

- Enforce Water Quality Ordinance
- Inspect Facilities
  - Municipal
  - Commercial
  - Industrial
  - Construction Sites
- Conduct Water Quality Testing





### **Public Education & Outreach**

- Outreach Assessment in 2013
- Mailers, Brochures & Fact Sheets
- Event Booth & Promotional Items
- Print Media Ads & Articles
- Web Banner Ads
- Website
- E-newsletter



1

# Mapping and Database Systems

- ✓ Gov Clarity and GIS
- ✓ Traklt
  - ✓ Construction Inspection
  - ✓ WQMP Inspection
  - ✓ Municipal/Commercial/Industrial Inspections
  - ✓ Business License
  - ✓ Code Enforcement
- ✓ Countywide GIS Map & System
- ✓ County Mobile Business Database

# Public Reporting Mechanisms

- ✓ Code Enforcement
- ✓ City 24-hour Hotline
- ✓ County 24-hour Hotline
- ✓ City Website

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### **Achievements**

- ✓ Over 22,000 cubic yards of debris removed
- ✓ Over 600 million gallons of water treated
- √ \$2.2 million for storm drain improvements
- ✓ Over 9,000 inspections and 2,400 enforcement actions
- ✓ Millions of outreach "impressions"







# **Priority Areas**

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## Prima Deshecha Canada



### **Priority Concerns**

- Cadmium
- Nickel
- Phosphorous
- Turbidity
- Bacteria at Poche Beach

### Prima Deshecha Canada



### **Activities**

- ☐ Bacteria Source ID Study
- Poche Action Plan
- Irrigation Runoff Reductions
- Special Monitoring Studies
- Bioswale Improvements

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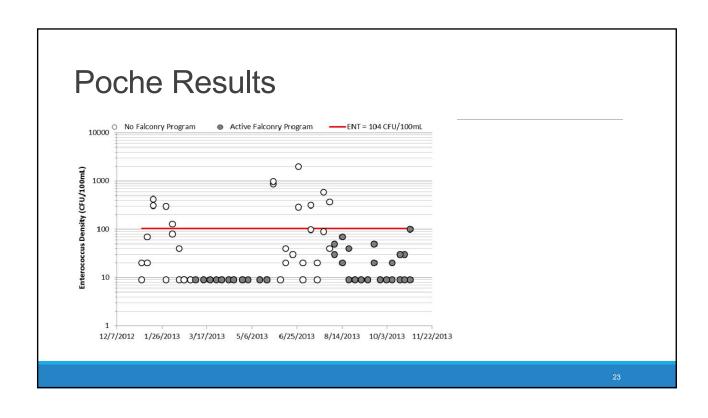
### Poche Beach





### **Activities**

- Poche UV Disinfection System
- Bird Control Measures
- Scour Pond Assessments





# Segunda Deshecha Canada



### **Priority Concerns**

- Phosphorous
- Toxicity
- Turbidity
- Bacteria at North Beach

2

# Segunda Deshecha Canada

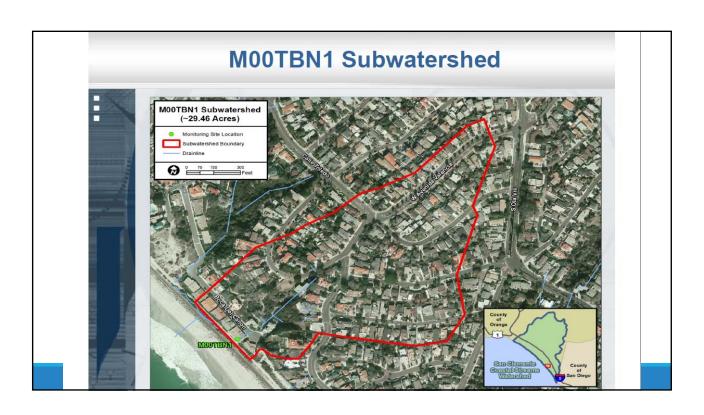


### **Activities**

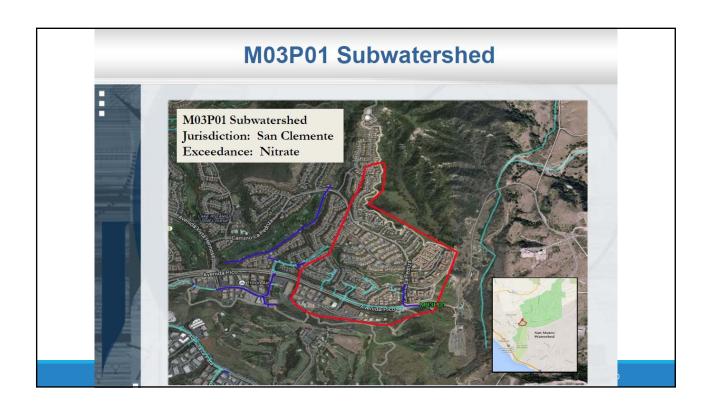
- ☐ Diversion System to Sanitary Sewer
- Monitoring Studies
- ☐ Landscape Runoff Reduction

# Storm Water Action Level Monitoring

- 2 Sampling Locations
- ☐ Pollutants of Concern Nitrates & Nitrite total



	M00TBN	I1 Results
	Date	Concentration (mg/L)
	Action Level	2.6
	2/17/2011	1.0
	2/26/2011	0.7
	11/5/2011	<u>2.8</u>
1	11/13/2011	1.2
	11/21/2012	1.3
	12/14/2012	<u>2.7</u>
	1/7/2013	1.7
	11/22/2013	1.8



	M03P01	Results	
	Date	Concentration (mg/L)	
	Action Level	2.6	
	11/21/2010	<u>3.0</u>	
	12/18/2010	0.6	
	2/17/2011	0.8	
	11/5/2011	1.6	
	11/13/2011	0.8	
	11/21/2011	1.2	
4	12/14/2012	0.8	
A	1/07/2013	0.9	
	11/22/2013	2.06	
Y /	12/20/2013	<u>4.22</u>	
	20% exceedance rate for nitrate		icWorl

# Questions?



# COUNTY OF ORANGE HEALTH CARE AGENCY/ENVIRONMENTAL HEALTH SOCWA (Doheny Outfall) Ocean Bacteriological Monitoring Program

9.A.

Beach Name	Lab	StationID	Location	Type	5/7/2014	5/8/2014	5/12/2014	5/15/2014	5/21/2014	5/22/2014	5/28/2014	5/29/2014	6/3/2014	6/4/2014
San Clemente	RA	S-15	Poche Beach	Enterococcus	<10	<2	<2	<10	<10	<2	=10	<10	<10	<2
San Clemente	RA	S-15	Poche Beach	Fecal Coliforms	<10	<2	<2	<10	<10	<2	=30	=20	<10	<2
San Clemente	RA	S-15	Poche Beach	Total Coliforms	<10	=2	=10	=20	<10	=4	=90	=80	<10	<2
San Clemente City Beach		S-17	North Beach	Enterococcus	<10	=2	<2	<10	<10	=2	=10	<10	<10	<2
San Clemente City Beach		S-17	North Beach	Fecal Coliforms	<10	<2	<2	=1	<10	<2	<10	=10	<10	<2
San Clemente City Beach		S-17	North Beach	Total Coliforms	<10	=2	=16	=50	<10	=6	=110	=10	<10	<2
San Clemente City Beach		S-19	450' North of Pier	Enterococcus	<10	<2	<2	=15	<10	<2	<10	=10	<10	<2
San Clemente City Beach		S-19	450' North of Pier	Fecal Coliforms	<10	=6	=6	=5	<10	<2	=40	=60	<10	<2
San Clemente City Beach		S-19	450' North of Pier	Total Coliforms	<10	<2	=20	=105	=70	=4	=85	=40	<10	<2
San Clemente State Beach		S-21	Avenida Calafia	Enterococcus	<2	<2	<2	<10	<10	=6	<10	<10	<2	<2
San Clemente State Beach		S-21	Avenida Calafia	Fecal Coliforms	=2	<2	<2	<10	<10	=24	<10	<10		<2
San Clemente State Beach	RA		Avenida Calafia	Total Coliforms	=2	<2	=8	<10	<10	=64	=50	=10	<2	=2
San Clemente State Beach	RA		Las Palmeras	Enterococcus	<2	<2	<2	<10	<10	<2	<10	<10	<2	<2
San Clemente State Beach	RA	S-23	Las Palmeras	Fecal Coliforms	<2	<2	<2	<10	<10	<2	<10	<10	<2	<2
San Clemente State Reach	RA	S-23	Las Palmeras	Total Coliforms	<2	<2	=8	<10	<10	=2	=10	<10	<2	<2

AB411 Single Sample Standards				
Total Coliforms	10,000			
Fecal Coliforms	400			
Enterococci	104			
Fecal to Total Coliform ratio	1,000 total coliform,			
	if ratio exceeds 0.1			
AB411 30-Day Geometri	c Mean Standards			
Total Coliforms	1,000			
Fecal Coliforms	200			
Enterococci	35			

All values expressed in cfu/100 ml.



# CITY OF SAN CLEMENTE • ENVIRONMENTAL PROGRAMS JUNE 2014 CLEAN OCEAN PROGRAM UPDATE

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6/2	LEA Yard Inspections	(D. McIntosh)
6/10	Watershed Task Force Meeting	(D. McIntosh)
6/12	Coastal Advisory Committee	(M. Vondrak)
6/11	Used Oil Program Annual Meeting	(D. McIntosh)
6/16	CR&R - South Cities Recycle Meeting	(D. McIntosh)
6/17	4th of July and Ocean Festival Logistics Meeting	(D. McIntosh)
6/18	Potential Sustainable Purchasing Policy	(D. McIntosh)
6/24	Water Rebate Meeting	(M.Vondrak / A.Kanzler)
6/24	NPDES 5th Term Permit Meeting	(M. Vondrak)
6/25	Tri-City Water Savers	(M. Vondrak)

### **Public Outreach**

#### **PUBLIC OUTREACH**

6/8	Classic Car Show (Danna/County of Orange Used Oil Program)	(D. McIntosh)
6/23	Girl Scout Beach Cleanup	(M. Vondrak)

PRINT

Summer	San Clemente Times ad, "Get Money to Save Water. WaterSmart Rebates are Flowing."
6/12	San Clemente Times ad, "Get Rebates to Switch out Turf for California Friendly Landscape"
6/26	San Clemente Times ad, "Get Rebates to Switch out Turf for California Friendly Landscape"

**INTERNET** 

June SC Sustainability June Newsletter

6/1-30 City of San Clemente www.san-clemenete.org- "Remember, Only Rain Down the Drain"

6/1-30 SC Times ad, "OverwateringisOut.org

**TELEVISION/MEDIA EXPOSURE** 

6/2,9,16,23,30 Community Calendar, Cox Ch. 30 - Universal Waste Collection Service
6/2,9,16,23,30 Community Calendar, Cox Ch. 30 - What To Do If You See A Spill
June Cox Channel 30/854 - Curiosity Quest - videos various episodes

June Cox Channel 30/854 - Trash in the Pacific with Captain Charles Moore video
June Cox Channel 30/854 - Around Town Prima Deshecha Watershed Tour

On going PSA- Public Service Announcement on Cox Ch. 30, "The Ocean Begins at Your Front Door - Litter"
On going PSA- Public Service Announcement on Cox Ch. 30, "The Ocean Begins at Your Front Door - General"

### **Staff Training**

6/11	Website Training (Regular Users)	(D. McIntosh)
6/19	"How to file the Electronic Annual Report (EAR)" review webinar	(D. McIntosh)
6/25	OCEA Presents: Social Networking—Facebook, Twitter and more	(D. McIntosh)

### **Storm Drain Maintenance Program**

Catch Basins Cleaned 464 Storm Drain Lines Inspected 1000 ft.

### Street Sweeping Program - April

Material Collected/Recycled: 50,120 lbs. debris (25.06 tons)

# of Parking Citations Issued: 473

### **Water Quality Code Compliance**

Verbal Warnings	1
Notices of Non-Compliance	2
Administrative Citations	2
Stop Work	0

### **Water Quality Inspections**

Commercial Site Inspections	140
Construction Inspections	16
Grease Interceptor Inspections	1
Municipal Inspections	9
Styrofoam	100

### **Recycling & Solid Waste Program**

Red Tag Violation Warnings	172
Waste Management Plans	61
Complaints and Calls Received	221
Abandoned Bulky Item Requests	128

### **Attachments**

April	City of San Clemente 2014 Solid Waste & Recycling Tons Summary April Report
June	City of San Clemente Environmental Code Enforcement Action June 2014 Reports
Summer	San Clemente Times ad, "Get Money to Save Water. WaterSmart Rebates are Flowing."
6/12	San Clemente Times ad, "Get Rebates to Switch out Turf for California Friendly Landscape"
6/26	San Clemente Times ad, "Get Rebates to Switch out Turf for California Friendly Landscape"



### CITY OF SAN CLEMENTE 2013-2014 SOLID WASTE & RECYCLING TONS SUMMARY REPORT APRIL 2014

#### RESIDENTIAL

				7000			
MONTH	CURBSIDE DIVERTED	CURBSIDE LANDFILLED	CURBSIDE DIVERSION %	MULTI FAM DIVERTED	MULTI FAM LANDFILLED	MULTI FAM DIVERSION %	TOTAL RESI DIVERSION %
Apr-13	1,301.29	1,618.24	44.57%	180.09	171.01	51.29%	45.29%
May-13	1,398.18	1,695.40	45.20%	152.98	145.27	51.29%	45.73%
Jun-13	1,280.88	1,570.60	44.92%	151.42	143.79	51.29%	45.52%
Jul-13	1,506.15	1,819.83	45.28%	167.59	159.16	51.29%	45.82%
Aug-13	1,316.62	1,666.39	44.14%	182.03	172.85	51.29%	44.90%
Sep-13	1,252.34	1,561.68	44.50%	147.28	139.86	51.29%	45.13%
Oct-13	1,262.64	1,609.30	43.96%	153.31	145.59	51.29%	44.66%
Nov-13	1,116.22	1,519.91	42.34%	142.33	135.15	51.29%	43.20%
Dec-13	1,118.11	1,629.63	40.69%	148.39	140.91	51.29%	41.70%
Jan-14	1,227.47	1,664.62	42.44%	138.33	131.35	51.29%	43.20%
Feb-14	953.40	1,396.84	40.57%	148.16	140.70	51.29%	41.74%
Mar-14	1,133.45	1,478.91	43.39%	164.11	155.85	51.29%	44.25%
Apr-14	1,255.61	1,555.37	44.67%	159.80	151.74	51.29%	45.33%
2014 YTD TOTAL	4,569.93	6,095.74	42.85%	610.40	579.64	51.29%	43.69%

#### COMMERCIAL

COMMENCIAL	2030									
MONTH	COMMERCIAL DIVERTED	COMMERCIAL ROLL OFF DIVERTED	PUBLIC WORKS	BIO SOLIDS	SELF HAUL GREENWASTE	TOTAL COMMERCIAL DIVERTED	COM DIRECT LANDFILLED	COMM ROLL OFF RESIDUE/DIRECT LANDFILLED	TOTAL COMMERCIAL LANDFILLED	TOTAL COM DIVERSION %
Apr-13	115.06	215.43	187.81	285.49	266.07	1,069.86	965.67	94.43	1,060.10	50.23%
May-13	124.13	195.01	154.42	348.66	266.07	1,088.29	1,017.38	108.13	1,125.51	49.16%
Jun-13	114.87	236.31	93.36	331.83	266.07	1,042.44	960.56	96.90	1,057.46	49.64%
Jul-13	118.80	198.86	130.24	328.37	337.00	1,113.27	1,087.43	109.27	1,196.70	48.19%
Aug-13	122.97	257.76	61.94	335.62	337.00	1,115.29	1,049.26	106.83	1,156.09	49.10%
Sep-13	110.93	299.44	88.45	307.94	337.00	1,143.76	955.54	71.00	1,026.54	52.70%
Oct-13	118.70	296.18	60.77	326.05	293.39	1,095.09	1,002.93	99.56	1,102.49	49.83%
Nov-13	108.28	265.16	33.38	299.65	293.39	999.86	931.55	74.60	1,006.15	49.84%
Dec-13	100.89	308.07	16.56	349.26	293.39	1,068.17	910.20	72.00	982.20	52.10%
Jan-14	107.44	304.71	33.03	316.30	227.66	989.14	954.47	74.94	1,029.41	49.00%
Feb-14	91.01	235.20	35.37	354.53	227.66	943.77	866.06	46.62	912.68	50.84%
Mar-14	105.57	384.78	16.20	302.26	227.66	1,036.47	996.84	82.40	1,079.24	48.99%
Apr-14	104.71	422.98	73.42	256.87	0.00	857.98	965.15	77.89	1,043.04	45.13%
2014 YTD TOTAL	408.73	1,347.67	158.02	1,229.96	682.98	3,827.36	3,782.52	281.85	4,064.37	48.50%
		INCLUDES MRF DIVERTED & SOURCE SEPARATED								

C&D PROCESSING PRIMA SELF HAUL

	4060		4060		4060			_		
MONTH	CR&R SJC MRF DIVERTED	CR&R SJC MRF LANDFILLED	CRT STANTON DIVERTED	CRT STANTON LANDFILLED	SOURCE SEPARATED C&D DIVERTED	ROLL OFF LANDFILLED	TOTAL C&D DIVERSION %	PRIMA SELF HAUL DIVERTED	PRIMA SELF HAUL LANDFILLED	TOTAL PRIMA DIVERSION %
Apr-13	273.53	90.17	0.00	0.00	141.97	0.00	82.17%	619.85	150.44	80.47%
May-13	160.57	65.33	0.00	0.00	138.55	0.00	82.07%	600.88	143.33	80.74%
Jun-13	185.93	73.53	0.00	0.00	22.10	2.14	73.33%	635.24	154.07	80.48%
Jul-13	262.50	105.65	0.00	0.00	143.58	5.50	78.51%	700.49	164.74	80.96%
Aug-13	345.28	107.58	0.00	0.00	90.81	8.59	78.96%	807.93	198.58	80.27%
Sep-13	232.63	81.31	0.00	0.00	107.10	0.00	80.69%	696.42	167.19	80.64%
Oct-13	315.50	84.28	0.00	0.00	257.50	0.00	87.18%	708.79	171.37	80.53%
Nov-13	172.12	64.57	0.00	0.00	157.42	0.00	83.62%	709.44	168.80	80.78%
Dec-13	197.54	67.18	0.00	0.00	173.65	0.00	84.68%	693.45	169.05	80.40%
Jan-14	205.02	75.62	5.37	0.63	178.61	0.00	83.61%	674.77	167.43	80.12%
Feb-14	190.89	68.36	0.00	0.00	62.43	0.00	78.75%	754.97	188.74	80.00%
Mar-14	172.19	62.60	0.00	0.00	165.04	0.00	84.34%	780.07	189.44	80.46%
Apr-14	301.13	114.48	0.00	0.00	145.87	0.00	79.61%	704.84	171.72	80.41%
2014 YTD TOTAL	869.23	321.06	5.37	0.63	551.95	0.00	81.60%	2,914.65	717.33	80.25%

### **OVERALL TOTAL**

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	TOTAL	TOTAL	OVERALL
MONTH	RECYCLED	LANDFILLED	DIVERSION
Apr-13	3,606.69	3,089.96	53.86%
May-13	3,559.99	3,174.84	52.86%
Jun-13	3,336.22	3,001.59	52.64%
Jul-13	3,913.56	3,451.58	53.14%
Aug-13	3,879.13	3,310.08	53.96%
Sep-13	3,600.54	2,976.58	54.74%
Oct-13	3,812.92	3,113.03	55.05%
Nov-13	3,315.32	2,894.58	53.39%
Dec-13	3,419.12	2,988.97	53.36%
Jan-14	3,430.51	3,069.06	52.78%
Feb-14	3,072.93	2,707.32	53.16%
Mar-14	3,473.06	2,966.04	53.94%
Apr-14	3,446.43	3,036.35	53.16%
12 MO TOTAL	42,259.73	36,690.02	53.53%
2014 YTD TOTAL	13,422.93	11,778.77	53.26%

3040
FOOD
WASTE PROGRAM
20.10
20.54
18.21
19.98
21.17
21.01
20.09
17.93
19.81
11.80
19.31
21.73
21.20
232.78
74.04

THIS REPORT REFLECTS THE MOST UP-TO-DATE INFORMATION FOR ALL MONTHS LISTED.

Page 1 of 1 7/2/2014 City of San Clemente

Chronology by Officer Case Type and Action Type

For the Period 6/1/2014 thru 6/30/2014

Parcel No.

Case No. Case Name **Site Address** Watershed

**Date Opened** Case Type

**Sub-Type Status** 

**ENV-PATHOGENS/COLIF** 

10:42:29AM

ENV2014-0046 Water Shut Off

6/5/2014 M00 **ENVIRONMENTAL** 153 W Escalones

COMPLAINT TAKEN ENV-PATHOGENS/COLIF 058-052-66

Date Action Type

6/10/2014 VERBAL WARNING

Sub Total **ENV-PATHOGENS/COLIF** 

**ENV-TRASH AND DEBRIS** 

ENV2014-0047 15184

6/10/2014 **ENVIRONMENTAL** 2435 S El Camino Real M00

COMPLAINT TAKEN **ENV-TRASH AND DEBRIS** 060-031-44

Date Action Type

6/10/2014 NOTICE OF NON-COMPLIANCE

ENV2014-0049 15183

2341 S El Camino Real 6/10/2014 **ENVIRONMENTAL** M00

COMPLAINT TAKEN **ENV-TRASH AND DEBRIS** 

Action Type Date

6/10/2014 NOTICE OF NON-COMPLIANCE

ENV2014-0050 15294

6/12/2014 **ENVIRONMENTAL** M00

COMPLAINT TAKEN **ENV-TRASH AND DEBRIS** 

Date Action Type

6/12/2014 \$200 ADMIN CITATION ISSUED

Sub Total **ENV-TRASH AND DEBRIS** 

**ENV-WASTEWATER** 

ENV2014-0048 15182

6/10/2014 **ENVIRONMENTAL** 102 Avenida Victoria M00

058-083-40 COMPLAINT TAKEN **ENV-WASTEWATER** 

Action Type Date

6/10/2014 \$200 ADMIN CITATION ISSUED

1 Sub Total **ENV-WASTEWATER** 

**Total of ALL Actions** 5



# Memorandum Engineering Division

Wednesday, July 2, 2014

To: Coastal Advisory Committee

From: Mary Vondrak, Senior Management Analyst

**Subject: Potential Future Agenda Items** 

The following is a list of potential topics that the CAC is considering for future meetings, based on input from CAC members during prior meetings.

### <u>August</u>

Summer Recess - No Meeting

### **September**

Joint Council/Commissions/Committees Meeting (Tues, Sept 9, 2014)

### <u>October</u>

1. To be determined