



AGENDA

SAN CLEMENTE COASTAL ADVISORY COMMITTEE

THURSDAY, APRIL 10, 2003, 7:00 P.M.

OLE HANSON FIRESIDE ROOM

100 N. SEVILLE, SAN CLEMENTE, CA

****PLEASE NOTE TIME AND LOCATION.**

FOR ADDRESSING THE COMMITTEE: Members of the audience who wish to address the Committee are requested to complete one of the forms near the entrance of the meeting room and submit it to the Chairperson.

1. PLEDGE OF ALLEGIANCE
2. ROLL CALL
3. APPROVAL OF MINUTES

A. March 13, 2003

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 Beaches, Parks and Recreation Department.

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

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 Marine Safety Captain at (949) 361-8260. Notification 24 hours prior to the meeting will enable the City to make reasonable arrangements to assure accessibility to the meeting.

4. PUBLIC INPUT

5. OLD BUSINESS

A. Draft Beach Sand Opportunistic Nourishment Policy.

Continue discussion of the Sand Nourishment Policy. A draft Sand Nourishment policy is attached, as well as the California Resources Agency's "Draft Review of California Coastal Erosion Planning and Response" for the Committee's reference.

Staff recommendation: Information and discussion item.

B. Street Sweeping.

Update on street sweeping policy and enforcement in San Clemente.

Staff recommendation: Information and discussion item.

6. NEW BUSINESS

A. Railroad Rip-Rap

Committee discussion and update regarding the railroad's use of rip-rap to protect railroad tracks in San Clemente.

Staff recommendation: Information and discussion item

7. COMMUNICATIONS

A. Parks and Recreation Commission Minutes February 11, 2003

Staff recommendation: Information item – receive and file.

B. Bacteriological Monitoring Report

Staff recommendation: Information item – receive and file.

8. ITEMS FROM STAFF

9. **ITEMS FROM COMMITTEE MEMBERS**

10. **ADJOURNMENT**

Adjourn the meeting to a regular meeting on Thursday, May 8, 2003, at 7:00 p.m., in the Fireside Room, at the Community Center, 100 N. Seville, San Clemente, CA.

**MINUTES OF THE MEETING
OF THE CITY OF SAN CLEMENTE
COASTAL ADVISORY COMMITTEE**

Thursday, March 13, 2003

@ 7:00 p.m.

Community Center, Ole Hanson Fireside Room

100 N. Seville

San Clemente, CA 92672

1. PLEDGE OF ALLEGIANCE

Committee Member Peggy Vance led the Pledge of Allegiance.

2. ROLL CALL

Present: Ken Nielsen, William Hart, Michael Barnes, Dennis Hannan, Peggy Vance

Absent: Greg Hulsizer, Nesa Ortega

Staff present: Bill Humphreys, Marine Safety Captain
Mary Colletti, Recording Secretary

3. APPROVAL OF MINUTES

MOTION BY COMMITTEE MEMBER HANNAN, SECONDED BY COMMITTEE MEMBER VANCE, CARRIED (5-0-0) to approve the minutes of March 13, 2003 as amended.

4. PUBLIC INPUT

San Clemente Resident Wendy Morris informed the Committee that the Railroad, starting on Monday and for the next month, would be dumping riprap along the beach. Ms. Morris called Ms. Valdez, at Metrolink, for locations of the dumping. Ms. Valdez was in charge of notifying adjacent property owners about the dumping, but Ms. Morris told the Committee that she was never notified although she is an adjacent property owner. Ms. Valdez was surprised to hear this, as she said they contracted a company to hand-deliver the notices. Ms. Morris said their past dumping procedure was to use a bulldozer in an area piled high with riprap, and push those rocks out to the ocean to make room for new riprap. In this method the footprint of the revetment is made larger and, if dumped on sand, removes either towel space or, if it lands in the water, we lose our state land's property. Ms. Morris thought they should have a permit since they are increasing the size of the revetment. Ms. Valdez stated that they are only maintaining what is currently there, but Ms. Morris disagrees. She believes they are increasing the revetment size.

Committee Member Hannan replied that the railroads do not need local or state permits as it is their property. Ms. Morris said that when they dump onto 'wet' sand it is state land's property, not the railroad's. Committee Member Hannan stated that they shouldn't be dumping beyond their right of way. Ms. Morris said it's now in dispute whether this area is their property. Committee Member Hannan stated that the riprap and revetments don't cause erosion, as the waves don't get to the rocks because of the sand in front of them. He said Mayor Dorey and the Committee are trying to get sand put on our beach, but don't have any big donors. Ms. Morris believes the railroad owes us some sand to mitigate the rock dumping. Committee Member Hannan said that, as a coastal geologist, the thing he objects to the most is that the rock is not sized or placed; it is just dumped. He said eventually, surfers and swimmers will be in danger of colliding with the rocks in the water. He said he hoped the City could influence the Railroad to build designed revetments.

Committee Member Hannan also said he was worried that the dumping the Railroad plans to do in areas where it looks unnecessary may be in preparation to building two rails.

Chairman Hart said that perhaps the City Manager could call the head of Metrolink to ask them to rethink their strategies and/or run these strategies by the City's Engineering department. Chairman Hart said that perhaps there are areas where riprap is worn thin, but that in areas like Lost Winds, Boca del Canon, etc., where there is no riprap, and the tracks are well behind sand dunes, he questions the necessity for dumping there. Chairman Hart feels that a call from the City Manager to Metrolink is the best we can do in this short time frame.

Committee Members Hannan and Nielsen suggested that the Coastal Advisory Committee send a memo to the City Manager of their recommendations on this issue. Chairman Hart suggested the Committee discuss this during "Items for Commissioners" in this meeting. Committee Member Barnes commented that the Army Corps of Engineers told Metrolink that the placement of riprap on the beach is accelerating erosion, but that the Army Corps received no response from Metrolink.

San Clemente resident Jim Donlin said that Surfrider had spoken to their attorney and asked the attorney to send a letter to the head of the SCRRA to inform them that Surfrider was considering litigation in this matter. He said that if you make the footprint larger, that constitutes development which puts it "out of bounds". Mr. Donlin said the letter will include a request for Metrolink's detailed plans for the project. He said that Surfrider is working with the head of the Coastal Commission on this issue.

Resident Michael Metcalfe said that this is an emergency and could cause irreversible harm to our beach, and he wants the City and this Committee to act immediately. He recommends that the City Attorney file a writ for an injunction against it. He challenged this Committee to act in this emergency.

Chairman Hart said that since this item wasn't agendaized, it should be discussed under Items for Commissioners. He invited the public audience present to remain for that portion of this meeting.

Resident Jim Donlin suggested that concerned residents go direct to the City Manager, and Chairman Hart agreed.

Mr. Donlin next spoke on the Street Sweeping issue, for which he had attended the previous Coastal Advisory Committee meeting. He said he was happy with the discussion from the previous meeting and requested that this Committee agendaize the topic of normalizing street sweeper parking regulations throughout the City.

Chairman Hart replied that the City has a timeline in regard to presenting the street sweeping issue, and a related staff study on parking enforcement, to the City Council. Chairman Hart hopes that this Committee will be able to make formal recommendations to the City Council before it becomes an action item for the City Council, but is not yet clear if that will happen as he is not sure of the timeline.

Mr. Donlin asked if this Committee could make a recommendation, separate from that of the City's, directly to the City Council. Chairman Hart felt this could probably be done, and that this Committee could agendaize the item and come up with recommendations. Chairman Hart said he plans to get a better idea of the City Council's timeline on this issue, and this can be voted on by this Committee at the end of this meeting.

5. OLD BUSINESS

The agenda was re-ordered to place New Business before old business.

A. Draft Sand Replenishment Policy or Ordinance

Committee Member Hannan distributed his draft of the Sand Replenishment Policy or Ordinance to the Committee members and staff present.

The following is a discussion by the Committee of the most significant points posed during this meeting (please refer to the resulting draft of the "Opportunistic Beach Sand Nourishment Policy" for complete details).

Committee Member Barnes said his biggest concern is the percentage of fines. Chairman Hart said the permit being applied for specifies no more than 25% fines, and this Committee authorized a permit request based on this, with room to negotiate that figure. He said that Chris Webb, from Moffat and Nichols, was insistent that there may not be a lot of material available with fines below 25%.

Committee Member Barnes said he wants to choose a percentage scientifically defensible, and very protective of the beach. Therefore, he'd like to be conservative, and start with a percentage of fines lower than 25%. He summarized all of the information this Committee has reviewed in regard to the Draft Sand Replenishment Policy or Ordinance, as follows:

The consensus of this Committee is that sand with no more than 10% fines may be placed in the surf zone, and sand with no more than 5% fines may be placed on the beach. Chairman Hart thanked Committee Member Hannan for combining all of the information the Committee has received into one report. Chairman Hart stated that a Committee vote may be required to decide whether a policy or an ordinance is written.

In regard to chemical compatibility, Committee Member Hannan said that under "Chemical Compatibility", there are methods for toxicity testing. He said there are four ways to test material for adverse effect on various biological animals. Chairman Hart said that there should be a trigger, based on some basic guideline, which will trigger more testing. Committee Member Barnes said that the Army Corps of Engineers may specify a procedure for this, but he will need to do more research to see what the trigger is. Committee Member Hannan said that the chemical testing is most important in regard to ocean animals. Committee Member Hannan suggested adding Toxicity Testing. Committee Member Nielsen said such testing could be very expensive. The Committee agreed to omit such specific verbiage for now from the policy, as they felt the current language of Committee Member Hannan's draft covered this point sufficiently, and would allow the opportunity to do further testing if necessary on suspect material that may be offered.

Committee Member Hannan suggested that the City may wish to review sand color, based upon source and volume of sand to be placed. Committee Member Nielsen said according to San Diego Association of Governments (SANDAG), it's not necessary to be overly concerned with color. Committee Member Hannan said one has to be conscious of the difference between wet color and dry color of sand. The Committee's consensus was that the color should be a "reasonable match".

In regard to "turbidity", the general consensus of the Committee was that this was not a significant point to include in the policy, as it is covered under monitoring, sampling and testing aspects of the proposed policy. The Committee felt likewise about the Design Scenarios, which they felt was covered under the "Site Characterization" section of the proposed policy. Therefore, the Committee eliminated these two items from the proposed policy.

Committee Member Nielsen said that the report he distributed to the Committee members entitled "Marine Resources Surveys/Monitoring for Beach Replenishment Activities" (which will be incorporated into the Policy) came directly from SANDAG and all of the processes listed in the report are processes that have been done or are being done now by SANDAG.

In regard to surfing resources, Committee Member Barnes said that surfing is a resource in California, and we need to make sure we don't destroy and breaks. He thinks we should try to monitor this. Committee Member Hannan believes that if you put sand at the head of the cell, the sand will distribute naturally and will not destroy any surfing spots. Chairman Hart said that works in theory, but he feels that surf spots should be physically monitored for adverse affects. By Committee consensus, a paragraph was added to the proposed policy to allow for monitoring of surf spots to avoid adverse effects.

In regard to Committee discussion about whether a policy would have “the teeth” an ordinance would have, Captain Humphreys said that “the teeth” will be in the process. That is, no sand replenishment project can be done without permission from the City, the City Council, the California Coastal Commission and the Coastal Advisory Committee. Committee Member Hannan agreed and said that the Coastal Commission writes policies or guidelines as opposed to ordinances, in order to have flexibility depending on the resources available.

MOTION BY COMMITTEE MEMBER BARNES, SECONDED BY COMMITTEE MEMBER NIELSEN, CARRIED (5-0-0) to write the “Opportunistic Beach Sand Replenishment Policy” as a policy, as opposed to writing it as an ordinance.

6. NEW BUSINESS

Public Signage Board at Mariposa

Marine Safety Captain Humphreys summarized this topic which was brought up at the last Coastal Advisory Committee by San Clemente resident Michael Metcalfe. As proposed by Mr. Metcalfe, a sign would be placed at a beach access point near Mariposa where the public and the City could post notices of meetings, etc. Captain Humphreys brought the project to Beaches, Parks and Recreation Director Bruce Wegner. Director Wegner was concerned due to past experience they’ve had with signage boards. Director Wegner said the First Amendment would not allow the City to control what is placed on the board. Therefore, the City would have no right to remove possible objectionable notices. Captain Humphreys brought the signage issue to the City Attorney who concurred. He stated the City would be prohibited from performing in “content-based regulation” which is illegal in an open public forum, and would be protected by the First Amendment. He said it could also be an “unattractive nuisance”. Captain Humphreys posed the question of who would monitor the paper buildup of notices and how do you track how long something has been posted without removing new notices along with old ones, and what staff time would be required to do so? He also said that the California Coastal Commission would have to approve the sign. The City Attorney also said that the environment is a family-oriented beach and there could be graphic material placed on the board is objectionable.

Chairman Hart asked if the City Attorney discussed any way that content could be regulated. Captain Humphreys said that the City Attorney said there was a slim possibility of creating a “limited public forum”, but it can only be done by an ordinance which would state what type of notices would be allowed, and the City Attorney would have to do research into whether this would apply in this case. Captain Humphreys said he and Director Wegner had discussed the possibility of getting permission from a private property owner to post a sign. Chairman Hart suggested the possibility of posting notices informally in the area with relaxed enforcement, with the risk that anything could be torn down at any time in the process of keeping the city clean.

Resident Michael Metcalfe presented his proposal with a picture of the proposed site. He agreed that staff’s comments had merit. He said that he had spoken to the City’s Planning department who suggested this signboard be incorporated into the City’s proposed Coastal Trail. Mr. Metcalfe spoke to Kathryn Stovall Dennis, the liaison for the Coastal Trail design and she said signs are

controversial, but that it was not a bad idea. She suggested Mr. Metcalfe ask this Committee to approve the sign concept, and based on that she would try to incorporate it into the Beach Trail design. He emphasized that this idea grew out of a desire to have a "neighborhood signboard", monitored by the neighborhood, as opposed to a signboard where official notices would be posted. He felt that the neighborhood would use good common sense in controlling posted notices. Mr. Metcalfe cited an example of the public signboard posted at the library, and said he'd never heard of any problems with it. He requested that the Committee approve this concept.

Committee Member Nielsen said he lives in that area, and he believes the neighbors would take good care of the sign, but that if it became bothersome (i.e. graffiti, etc.) he'd want to remove it immediately. Committee Member Barnes said he'd like to give the community a place to post notices in one place, which would help keep the city free of postings all over on trees, etc. He felt it would be a good way to post beach conditions, water conditions, and public notices, and he'd like to designate a signboard for public postings. He feels that those offended would just remove the offensive notice.

Committee Member Vance said she'd go by what people in the area thought; if they had no objection to it, she felt it would be a good idea.

Chairman Hart said he'd met with Director Wegner and Captain Humphreys to discuss this issue. He said they discussed First Amendment rights, and said that when it becomes a sanctioned City sign, certain laws and protections have to be considered, so that this seemingly "easy" idea becomes much more complicated. Chairman Hart said the three of them discussed the Community Center signboard, and they found there was staff on site there that monitored it. Therefore, he felt this could not compare to putting a public signboard at a beach access point. He said the beach access in question is probably on private property and that a property owner may not mind having a signboard planted in the ground on his property. Chairman Hart felt the neighborhood could police the signs. He said that if this project were to move forward, there should be an escape clause to have the sign removed at the first sign of trouble. Committee Member Barnes suggested a three month trial. Committee Member Hannan agreed, and said it would not be difficult to remove such a sign. Chairman Hart said if cooperative property owners could not be found, he'd like to send the request through City channels and try to get it approved as a "pilot project".

Committee Member Nielsen suggested that the sign could be placed in the public right-of-way in that area, where there is no sidewalk. Resident Metcalfe said he'd be willing to ask the property owners for approval. Mr. Metcalfe suggested postponing any action for another month while the property owners were contacted.

Chairman Hart suggested continuing this item due to the complexities of the issue. Chairman Hart suggested again that it be proposed as a pilot project with a three month trial period. Committee Member Nielsen said he'd like a better-looking sign than the usual steel pole and plywood.

Resident Donlin stated that he believes there is an ordinance prohibiting signage on private property, and Chairman Hart agreed that there are many city ordinances regarding signage. He said that in terms of selective enforcement, this could go both ways; a sign could stay up without liability to the City, or it could be taken down without violating First Amendment rights because it wasn't supposed to be there in the first place.

Committee Member Vance asked if this Committee could approve the sign in concept and recommend approval by appropriate City agencies.

MOTION BY COMMITTEE MEMBER VANCE, SECONDED BY COMMITTEE MEMBER NIELSEN, CARRIED (5-0-0) to recommend to appropriate City of San Clemente agencies, the approval of the concept of a public sign, installed, maintained and funded by neighborhood volunteers, to be placed in the public right-of-way, and, contingent upon a 3 month and a 6 month evaluation of the signage, to be removed immediately should there be any resulting problems at the end of either evaluation period.

7. COMMUNICATIONS

Parks and Recreation Commission Minutes, January 14, 2003

Received and filed.

Bacteriological Monitoring Report

Received and filed.

Committee Member Nielsen asked why T-Street has been posted on this report for the past 3-4 weeks. Captain Humphreys responded this was not unusual for the rainy season. He said that if there is a high bacteria count, followed by a rain that boosts the count, and if there are 3 "high counts" in a row, the Orange County Health Departments switches from doing the daily test to the "30 day Mean Test", and then it's hard to get a clear rating based on the average sample. Chairman Hart said this was counter-productive, as no one would take those results seriously.

8. ITEMS FROM STAFF

9. ITEMS FROM COMMITTEE MEMBERS

A. Railroad Riprap Dumping:

Committee Member Hannan asked to agendize this item and try to obtain some information (i.e., a map), and figure out a way to monitor what the Railroad is doing in regard to dumping riprap along the beach. He is concerned they are dumping in unnecessary areas in with a long-term

agenda in mind of preparation for their proposed double-tracking. He'd like to get a map from the City with the public right-of-way marked on it. Chairman Hart said the right-of-way is 50 feet each direction of the center line, plus or minus a few feet. He thinks the railroad is probably not pushing beyond the right-of-way with the revetment, but that there is an uncertain point of law in regard to who owns the tidewater—it's supposed to be State Lands. He feels the revetment is now sitting in that zone. He also wondered if State Lands could overrule the rights of the railroad, which are governed by federal law. Captain Humphreys stated that the Railroad's plans are to continue with their current maintenance process. He said the Army Corps of Engineer's (Corps) is doing the economic analysis right now for the Feasibility Study, and they must determine whether the potential harm of erosion in San Clemente, economically, is greater than the cost to do sand replenishment. The Corps used the railroad as their justification; if the railroad did a different, more expensive revetment to protect from storms, the cost analysis over the next 50 years will be different. The Corps studied what the cost to the City would be over the next 50 years if the Corps does not bring any sand to San Clemente. Captain Humphreys said he met with the railroad representatives, the Corps, and City staff, and the Railroad pointed to a stockpile of 4,000 tons of rock near San Onofre which they plan to use in future years to protect the railroads.

Chairman Hart asked that this Committee authorize the Chairman to write a letter to Metrolink expressing this Committee's concern over their riprap dumping process and the locations they've chosen, and to protest the fact that they are doing this without any coordination with the City. He feels this is an issue that the Coastal Advisory Committee should be doing something about.

In response to a question regarding who is responsible for maintenance and operations for Metrolink, Chairman Hart clarified for resident Jim Donlin that Metrolink and Southern California Regional Rail Authority (SCRRA) are one and the same agency. He also told him that Orange County Transportation Authority (OCTA) is the landowner, and the railroads are the tenants. Chairman Hart said he's fairly certain that Metrolink has the responsibility for maintenance in Orange County.

B. 303 Deed List

Committee Member Barnes distributed the 303 Deed list of January 13, 2003, which is issued by the Regional Water Quality Control Board and lists any surface or ocean waterways that aren't meeting their standards for clean water. For "Pacific Ocean Shoreline San Clemente", they listed Poche Beach, Ole Hanson Beach Club, Pico Drain, the City beaches at El Portal, Mariposa, Linda Lane, Lifeguard Headquarters, the Pier, T-street, Riviera and Cypress Shores" as not meeting their standards for clean water. He said this list is available on the San Diego Regional Water Quality Board's website.

C. Street Sweeping

Committee Member Nielsen requested that street sweeping be agendized for the Committee's next meeting, and suggested asking either Public Works Director David Lund or Maintenance Services Manager Mark Somerville to speak in regard to what changes, if any, were made to the street sweeping plans after they were reviewed by City Council. Mr. Nielsen would like to make

a recommendation, and Chairman Barnes said he'd like to see the Public Works department attend the Coastal Advisory Committee meeting prior to their bringing the plan to City Council so that this Committee can give them their recommendation in advance of the City Council meeting. The Committee members agreed.

D. Senior Civil Engineer Tom Bonigut's Replacement

Committee Member Nielsen suggested that the person who replaces Senior Civil Engineer Bonigut should replace Captain Humphreys as the City's representative to the Coastal Advisory Committee.

E. Resignation of Committee Members Thomas and Hulsizer

Chairman Hart belatedly thanked former Coastal Advisory Committee Members Bill Thomas and Greg Hulsizer for their service contributions to this Committee. He said that Mr. Hulsizer's term is up in July and due to work constraints he has resigned. He's not sure if the City process requires the Committee to recruit a new member for now, or await the end of Mr. Hulsizer's term. Chairman Hart stated that the Committee thanks Mr. Hulsizer for his tremendous contribution. He said Mr. Hulsizer joined this Committee's predecessor, the Beach Ad Hoc Committee, and he has been a tremendous service to the Committee.

10. ADJOURNMENT

MOTION BY COMMITTEE MEMBER BARNES, SECONDED BY COMMITTEE MEMBER VANCE, CARRIED (5-0-0) to adjourn at 10:20 p.m. to the regular meeting to be held on Thursday, April 10, 2003 at 7:00 p.m. in the Fireside Room, at the Community Center, 100 N. Seville, San Clemente, CA.

Respectfully submitted,

William Hart, Chair

Attest:

Bill Humphreys, Marine Safety Captain



POLICY AND PROCEDURE

Subject: Opportunistic Beach Sand Nourishment	Index:
Effective Date:	Number:
Supersedes:	Prepared By: Coastal Advisory Committee
	Approved By:

1.0 **PURPOSE:**

To implement a program to actively pursue opportunities for sand for placement on San Clemente City Beaches for erosion control and recreational benefits. The goal of the City of San Clemente Opportunistic Beach Sand Nourishment Program is to return San Clemente beaches to the widths measured prior to 1983 while protecting and enhancing the beach environment. This will result in enhanced recreational opportunities, increased economic vitality, protection of private and public property, and an increase in the value of the entire community.

San Clemente's beaches have been eroding at a more or less consistent pace since 1983, with no sign of reversal; and the result has been a substantial reduction in the width of the beach along the entire length of the City. The purpose of this policy is to provide technical criteria for the San Clemente Opportunistic Beach Sand Nourishment Program. The program is designed to capitalize on opportunities to obtain beach-quality sand from construction projects and other sources when it becomes available, and to streamline the permit process for implementing beach-fill projects for the overall purposes of:

- 1) Renourishing the North Oceanside Littoral Cell
- 2) Improving protection to coastal structures and beach/recreation opportunities in the City.

2.0 **ORGANIZATIONS AFFECTED:**

City of San Clemente, Beaches Parks and Recreation Department
 City Council for City of San Clemente
 Coastal Advisory Committee for City of San Clemente

3.0 **REFERENCES:**

TO BE COMPLETED.

4.0 POLICY:

- 4.1 General policy guidelines
- 4.2 Project consideration and approval process
- 4.3 Analysis requirements/criteria (cost/benefit, aesthetics, surfing resources, etc.)
- 4.4 Design criteria (beach profile, materials) (Michael Barnes, Tom Pezman) The Opportunistic Beach Sand Nourishment Programs will proceed in a manner that is consistent with the following objectives:
 - 4.4.1 Beach sand nourishment will be consistent with both the letter and spirit of existing federal and state laws, permit requirements, CEQA and the California Coastal Act.
 - 4.4.2 Public notification will be given in advance of sand placement activity.
 - 4.4.3 While remaining consistent with other objectives, the sand placement will take place at locations and times of year that will maximize the goal of beach widening, while preserving and protecting the existing dune habitat.
 - 4.4.4 A monitoring program will be in place in order to assess the impact of sand placement.
 - 4.4.5 The material used will be aesthetically unobtrusive by matching (or matching over time), as closely as possible, the color, composition and grain sizes of the natural beach sand.
 - 4.4.6 The historical contour of the beach and near-shore ocean bottom will be retained to the maximum extent possible.
 - 4.4.7 The use of groins, jetties, breakwaters and similar hard structures to retain sand will be strictly disallowed.
 - 4.4.8 Sand placement activity will have no more than short term effects on
 - 4.4.8.1 Public safety
 - 4.4.8.2 Public access to the beach and pedestrian travel along the beach
 - 4.4.8.3 Biological resources on the beach and in the near-shore environment
 - 4.4.8.4 Surfing resources
 - 4.4.8.5 The historical contour of the beach, near shore ocean environment, biological resources, and surfing resources, will be preserved as closely as possible.

5.0 DEFINITIONS:

Contamination

Opportunistic Sand

USACE: U.S. Army Corps of Engineers

ASTM: American Society for Testing and Materials

CY: Cubic Yards

EPA: U.S. Environmental Protection Agency

6.0 PROCEDURE:

6.1 Institutional Structure/Issues:

1. Organizational authority/oversight
2. Program funding (short/long term/ongoing)
3. Enforcement

6.2 Site Characterization: (description of past and present conditions at the project site and the parameters under which the beach fill project will be designed; CERC, CETN I-61, 1995).

6.2.1 Historic Shoreline Change: The historic shoreline change data are used to estimate long-term shoreline erosion rates and volumetric changes. Shoreline change analysis is typically based on digitized historic shoreline maps, beach profile, and offshore bathymetry data, and/or aerial photograph.

6.2.2 Profile Shape and Variability: Beach profile data are needed for short-term temporal beach change analysis and modeling.

6.2.3 Depth of Closure: The seaward limit of significant sediment movement is a critical parameter for beach fill volume calculations and sediment transport modeling.

6.2.4 Offshore Bathymetry: Details of the offshore bathymetry beyond the depth of closure area may be required for wave transformation modeling and/or identification of potential offshore borrow source areas.

- 6.2.5 **Coastal Oceanography:** Knowledge of wave and water level conditions along the project area is needed to assess and model sediment transport and coastal flooding under existing conditions and for alternative beach fill designs.
- 6.2.6 **Sediment Budget:** A sediment budget quantifies erosion, deposition, and sediment transport into and out of the area for use in estimating long-term renourishment requirements.
- 6.2.7 **Sediment Characteristics:** Characteristics of the native beach and fill sediments are needed to evaluate suitability of fill material and to predict profile shape and response of the fill. Sediment size, color, gradation and environmental compactibility are typically considered.
- 6.2.8 **Potential Sediment Sources:** Once the sources are identified, the material must be evaluated for quality, quantity, cost of transportation and which beach will receive the material. Chemistry (must be free of harmful contaminants);
- 6.2.9 **Chemical Compatibility:**
- 6.2.9.1 Chemistry: must be free of harmful contaminants.
 - 6.2.9.2 All potential sand sources will be tested for bulk chemistry to verify that the sand is free of contaminants prior to placement on any beach fill site. Background research of the potential for the material to possess contaminants will be performed, based on Tier I testing protocol as specified by the USACE and USEPA (1988).
 - 6.2.9.3 Prior to the implementation of any replenishment program, the City will develop a sampling/testing plan consistent with USACE guidelines and approved by the USACE and EPA.
 - 6.2.9.4 Test results will be reviewed by the City and a determination of material acceptability certified by the City Engineer will be required prior to the commencement of any replenishment activity. At the discretion of the City Engineer, further chemical compatibility testing may be required.
- 6.2.10 **Sediment Grain Size**
- No more than 10% of the material shall consist of silts or clays (i.e., particles less than 0.074 millimeters in diameter) for placement at the sites. Sand size should be between A #4 and #200 U. S. Standard Sieve, or 4.75mm to 0.074mm. Sand sizes are to adhere to standards shown on Table III-1-2, "*Sediment Particle Sizes*", in USACE Coastal Engineering Manual, Chapter I, Coastal Sediment Properties (*EM 1110-2-1100, Part III, 30 April 2002*).

6.2.11 Color

- Color must reasonably match the color of the existing beach after natural color changes occur, due to mixing with existing sand, reworking by waves and exposure to sun. Dependent upon the project being considered, the City may elect to review color based upon source and volume of sand to be placed.

6.2.12 Particle Shape

6.2.12.1 Particle shape must not be substantially angular or jagged shaped

6.2.12.2 A sample from each potential beach fill source will be visually examined for particle shape. Acceptable material must be composed of 90%-rounded particles as estimated visually. Any source containing greater than 10% or a maximum of 10,000 cubic yards of angular particles will be rejected. If manufactured sands are considered for beach fill, they should also not constitute more than 10% of the annual beach fill volume, subject to review by the City.

6.2.13 Debris

6.2.13.1 Material must be free of trash and debris at time of placement. Materials with debris will be screened prior to placement to remove trash or litter deposits

6.2.13.2 Material that contains a visible component of iron oxides (a brown/red color) will only be placed seaward of the mean high tide line to be reworked by waves to avoid forming a hardpan when placed on the dry beach. Such material shall not be placed directly on the beach.

6.2.14 Compactibility/Moldability of Proposed Beach Fill

6.2.15 Compositional Properties

Composition of sediment for beach nourishment should follow the guidelines in Section III-1-3 of the USACE EM 1110-2-1100 (Part III). Characteristics considered include mineralogy, density, specific weight and specific gravity, strength, and grain shape and abrasion.

6.2.16 Natural Beach Profile Adjustment And Scarping

The U.S. Army Corps of Engineers (USACE) and California Coastal Commission guidelines should be followed for analysis of suggested beach profile changes that can be predicted by best available analysis. Performance of before sand placement, during beach profile changes after placement, and following noted changes should be monitored by beach profile surveys and documented for future use.

6.2.17 Project Consideration and Approval

- Eligibility criteria
- Public participation and notice
- Public Education and Awareness

- Permit application and approval
- Manner of Work/Work schedule and phasing

6.3 Placement Site And Timing

- 6.3.1 Beach fills are to occur at four sites within the City. These include: (1) the beach at North Beach, just west of the San Clemente Metrolink train station and south of Avenida Pico, extending a distance of 1,500 feet south, referred to as the North Beach Fill Site; (2) the beach near Linda Lane, south of Mariposa Point, extending a distance of 1,500 feet south, referred to as the Linda Lane Beach Fill Site; (3) the beach commonly known as T-Street Beach, extending 1,000 feet south from the San Clemente Pier, referred to as the T-Street North Beach Fill Site; and (4) the beach south of T-Street Beach, extending south a distance of 1,200 feet referred to as the T-Street South Beach Fill Site.
- 6.3.2 Relatively small beach fill projects consisting mostly of sand (a quantity less than 50,000 cubic yards with a fines content of less than 15%) may be placed on the beach at any of the four receiving sites any time of year, excluding during grunion runs. Material that is significantly different in color than the existing beach should be placed seaward of the mean high tide to enable mixing in the surf zone as quickly as possible.
- 6.3.3 Larger beach fill projects with a higher percentage of fines (a quantity greater than 50,000 cubic yards and a fines content between 15% and 25%) shall be placed mainly from September 21 to March 21.

6.4 Placement Rate

- 6.4.1 The program consists of placing a maximum of 300,000 cubic yards per year (cy/yr) of sand on the four designated City beach fill sites combined. The North Beach Fill Site may receive a maximum of 125,000 cy/yr, the Linda Lane Beach Fill Site may receive a maximum of 75,000 cy/yr, and the two T-Street Beach Fill Sites may receive a maximum of 100,000 cy/yr combined total (45,000 cy for T-Street North and 55,000 cy for T-Street South). The maximum fines content proposed for beach fill at the sites is 25%. Beach fills should not occur during grunion runs or particularly high beach-use times, such as major holidays or summer-season weekends.
- 6.4.2 It is anticipated and preferred that the program start with relatively small-scale projects (10,000 to 20,000 cy) followed by monitoring. The monitoring of these smaller scale projects will provide data to the City and the resource agencies to assess potential impacts and, if needed, to modify the program to ultimately increase the individual projects to the maximum allowable volume at each site. Additionally, the City does not propose to fill all four sites to their maximum quantity simultaneously.

- 6.4.3 As much as 100% of the beach fill volume is proposed for placement in the fall/winter seasons, and no more than one-third of the beach fill volume is proposed for placement in the spring/summer seasons to replicate the natural sediment delivery to the coast.

6.5 Placement Methodology

- The City envisions transport of the material to the beach by truck or railroad, and seeks to place the material on any or all four proposed receiving beaches
- Dredged material will be delivered by barge or pipeline and placed in near shore waters off of the proposed nourishment site(s).
- Beach fill design may include direct placement near or at the ocean waterline, placement of the material in a surface layer on the beach, diking of fill along the base of the revetment, or a combination of some or all of these designs to control the application rate of the material into the surf zone.
 - Required reports
 - Environmental conformance
 - Performance standards
 - Best Management Practices
 - Bonding/performance guarantees
 - Certification of completion
 - Monitoring and Ongoing maintenance

6.6 Biological Monitoring

Prior to sand placement, baseline surveys shall be conducted to document potentially sensitive resources in vicinity of proposed receiver sites. These resources may include subtidal reefs (i.e., rocky habitat) that support commercially or ecologically important species (e.g., kelp, lobster, surfgrass, urchins). In addition, beach profile data are useful to document temporal variation in beach height/width.

6.6.1 Methodologies to be considered might include:

- Remote sensing surveys (i.e., side-scan and bathymetric data) of the nearshore environment (these data/maps may be available from the ACOE)
- Ground-truth SCUBA surveys to verify remote sensing data
- Biological surveys to document marine organisms
- Beach profile transects

- Ideally, surveys should be conducted at least one year prior to any replenishment activity (to provide baseline information and to document annual changes)
- Sediment transport modeling (using estimated volumes of potential replenishment material) to get a general idea as to the eventual rate of the sediment (i.e., will it move offshore or potentially impact reefs)
- Establish monitoring locations based on modeling results and potential sediment transport

6.6.2 Products of the studies may include:

- Maps of nearshore marine habitat, delineating marine resources
- Species composition in vicinity of receiver sites.
- Various graphs depicting variation in substrate cover and abundance of marine organisms
- Beach profile data (height and width of beach)

6.6.3 Post-Sand Replacement Monitoring shall be conducted to:

- Validate sediment transport modeling results
- Document changes in marine resources (this includes potential burial of nearshore reefs and changes in biota)
- Document sediment transport (either offshore or longshore)

6.6.4 Methodologies to be considered might include:

- Beach profile transects/surveys
- Biological SCUBA surveys at monitoring locations established prior to construction.

6.6.5 Products:

- Maps of nearshore marine habitat, delineating marine resources
- Species composition in vicinity of receiver sites.
- Various graphs depicting variation in substrate cover and abundance of marine organisms
- Beach profile data (height and width of beach)
-

6.7 Physical Monitoring

- Turbidity in Physical Monitoring Plan shall be prepared and approved by the City Engineer prior to approval of a Sand Nourishment project. During the project, surfing locations shall be monitored and any adverse impacts shall cause suspension of the project until such impacts can be evaluated.

- Monitoring of sand nourishment sites by profile and sediment sampling methods outlined by USACE and the California Coastal Commission staff memorandums will be necessary to judge performance of replenishment and changes due to tides, storm waves, and periods of calm.
- Offshore bottom sampling beyond the shoreline may also be necessary to judge accumulation or migration of varying grain sizes.
- Prior selected locations for beach profiles should be regularly re-surveyed to develop a data based by which future sand nourishment efforts can be planned and judged.

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CITY OF SAN CLEMENTE

7.A.

MINUTES OF THE PARKS AND RECREATION COMMISSION

TUESDAY, FEBRUARY 11, 7:00 P.M.

An adjourned regular meeting of the Parks and Recreation Commission of the City of San Clemente was called to order on Tuesday, February 11, 2003, at 7:00 p.m. in the Ole Hanson Fireside Room of the Community Center.

1. **PLEDGE OF ALLEGIANCE** was led by Commissioner Mary Anna Anderson.

2. **ROLL CALL**

Present: Anthony Amorelli, Mary Anna Anderson, Bob Maltinsky,
Steven Swartz, William Thomas, Peggy Vance (arrived at 7:08 p.m.)

Absent: Bill Roberts

Staff present: Steve Mead, Recreation Manager
John Beck, Park Planner
Rita DeForrest, Administrative Assistant

3. **APPROVAL OF MINUTES**

A. **January 14, 2003**

MOTION BY ANDERSON, SECOND BY AMORELLI, to approve the Parks and Recreation Commission minutes of January 14, 2003.

Commissioner Thomas requested clarification of paragraph three, on page 2, regarding the question by Commissioner Maltinsky about the Marblehead Coastal development time frame and the expected revenue from the commercial development.

MOTION CARRIED with requested clarification (5-0-0).

4. **PUBLIC INPUT**

No public input.

5. OLD BUSINESS

A. Richard T. Steed Memorial Park- Master Plan and Next Phase of Development

Chairperson Swartz announced that the Steed Park Master Plan is scheduled to be reviewed by City Council on March 18, 2003 because the State Clearing House requires a 30-day review period with State agencies for the Mitigated Negative Declaration.

Chairperson Swartz advised that Manager Mead, Director Wegner, City Manager Talley and he toured the Big League Dreams facilities located at Chino Hills and Mira Loma and were impressed with the operation at both facilities. At this point in the meeting, a video of the Big League Dreams sports complex was viewed. He noted that Big League Dreams is being considered as a potential concessionaire at Steed Park when the initial term of the current concession agreement expires in December 2003.

Chairperson Swartz advised that different options (from utilizing the current concessionaire, a new concessionaire, or having the City provide for the operation) will be considered for operating Steed Park.

Chairperson Swartz requested that the Parks and Recreation Commission modify its recommendation to City Council, dated October 8, 2002, on the Steed Park Master Plan and next phase of development, to include a caveat that the approval of the next phase of development be delayed up to six months to allow time to research options for the overall operation of the Park.

The Commission discussed the high cost of maintenance of the park, that a contract with Big League Dreams or other concessionaires is negotiable, and that all options will be explored before a decision is made.

MOTION BY AMORELLI, SECOND BY VANCE, CARRIED (6-0-0), the Parks and Recreation Commission recommends that City Council accept the Richard T. Steed Memorial Park Master Plan, Plan A or B, and delay the next phase of development within the Park for up to six months to explore alternatives for the overall operation of the Park.

6. NEW BUSINESS

A. Talega Park #3 (Village 5) Master Plan

Park Planner John Beck invited the Commission and public to make comments on the Talega Park #3 Master Plan and introduced Consulting Landscape Architect Richard Fisher.

Mr. Fisher reviewed the contents of his report introducing a draft park master plan for Talega Park #3 including proposed park amenities. A park design concept plan was displayed along with photos of the hillsides surrounding the park.

Mr. Fisher responded to questions by the Commission as follows: pointed out that the park is surrounded by steep hillsides and had incredible views within the park; noted that a group picnic facility, that supports groups of 50-80 people, was incorporated in the plan in lieu of lighted tennis courts which are being provided at Talega Park No. II and will be considered for incorporation in the future community park at the corner of Vista Hermosa and LaPata; noted that an educational interpretive center was included that could serve the 1,200-acre Rancho Mission Viejo Land Conservancy; reviewed the riding and hiking trail system which will link with the Forster Ranch trail system and that a major loop that will provide residents access into the park; two unlighted baseball fields and one unlighted soccer field can be used for youth league practice and general public use.

Mr. Fisher reviewed the proposed amenities included in the 8.3-acre park site as follows:

1. Two (200' outfield) baseball/softball fields
2. One (155'X280') soccer/football field
3. One lighted full-court, and two lighted half-court basketball courts
4. 91 space on-site parking lot.
5. A 1300 s.f. restroom/storage/recreation checkout building
6. Covered large group picnic shelter, with sink/preparation counter, large barbeque, and electrical convenience outlets, accommodating 50-80 people within the general vicinity
7. Horseshoe pits
8. Individual family picnic tables
9. Children's play area/tot lot
10. Observation deck area, overlooking adjacent Open-Space Oak Woodland canyon
11. Lighted pedestrian walkways
12. Space for a future nature interpretive center (to be funded in the future by the Rancho Mission Viejo Land Conservancy)

Mr. Fisher advised that the amenities in the immediate vicinity of the park site include:

1. 4.35-acre open-space Oak Woodland canyon, to be dedicated to the City of San Clemente;
2. 4.83-acre water quality detention basin within an open grassy area, to be maintained by the Talega Master HOA.

Mr. Fisher advised that this evening's presentation was to familiarize the Commission with the plan and that no formal action is requested at this meeting. The topic is continued to the March 11, 2003 Parks and Recreation Commission meeting for further input and decision making. The Commission consensus was that the proposed park master plan as presented is acceptable, and no changes were proposed.

7. **COMMUNICATIONS**

A. **San Clemente Police Services – Park Calls for Service for 1/03**

Chairperson Swartz commented that he noticed only two calls to Steed Park. Received and filed.

B. **Coastal Advisory Committee Minutes of 10/10/02 and 11/14/02**

Received and filed.

8. **ITEMS FROM STAFF**

Manager Mead distributed a flyer which indicated the schedule of events for the celebration of the City's 75th anniversary; reported that Recreation Division staff are involved in organizing the Speakeasy Dance scheduled on February 28, 2003, for the Celebration; noted that, as another part of the celebration, admission to the swimming pool on February 24th will be rolled back to the 1920's fee; announced that he was nominated President of the California Parks and Recreation Society District 10 which includes all of Orange County and most of Los Angeles County.

9. **ITEMS FROM COMMISSIONERS**

A. **Sphere of Influence Report**

Commissioner Amorelli – sphere of influence is streets, medians, etc. – reported that he spoke with Beach and Park Maintenance Manager Reed and was advised that the City would be accepting the Vista Hermosa Interchange medians soon; noted that the trees in that area are boxed because of the poor soil. Chairperson Swartz remarked that the trees still appear unhealthy. Park Planner Beck advised him the reason they look so poorly is because it takes time for the trees to establish themselves.

Commissioner Anderson – sphere of influence is users of city facilities – suggested the Commission use half their monthly salary to host a get together for recreation instructors in April or May and invite staff and City Council. Manager Mead suggested Commissioner Anderson discuss this idea with Recreation Coordinator Murphy because a pot luck dinner for contract instructors is organized annually. He remarked that he was delighted to have the Commission recognize the contract instructors.

Commissioner Maltinsky – sphere of influence is park usage – reported that his grandson attended the snowboarding excursion for 6th, 7th, and 8th graders on January 31, and he had a great time. Commissioner Maltinsky commented that his grandson particularly liked the fact that it was limited to his age group, and he hoped staff would consider having another such excursion to Snow Summit because they offer more of a variety of winter sports.

Commissioner Roberts – sphere of influence is park usage – no report.

Commissioner Swartz – sphere of influence is vendors – suggested that one or two Commissioners work with him for fact finding to research a new concessionaire for Steed Park.

Commissioner Thomas – sphere of influence is schools – distributed a copy of an article he wrote for the San Clemente Journal about youth sports. The article reports a number of different public, community and private organizations responsible for youth sports in San Clemente. It describes the difficulties encountered because of the lack of facilities, the rising cost to rent facilities, and the population growth in the community. Commissioner Thomas commented that he learned a great deal in researching information for his article.

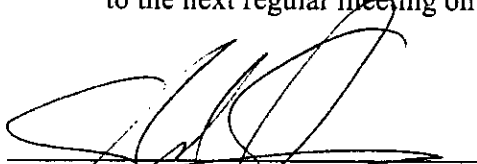
Commissioner Maltinsky suggested Commissioner Thomas write an article on the Capistrano Unified School District sports fields that could be used to reduce a shortage of available playing fields if they were better maintained and available to the community. He pointed out that Newport Beach has an agreement with the school district.

Commissioner Vance – sphere of influence is youth organizations – reported that 70 youngsters attended a highly successful bike rodeo; remarked that she was ecstatic that Recreation Coordinator Peggy Lacayo was staying with the Beaches, Parks and Recreation Department; commented that the Calafia Beach Surf History, Music and Legends that is scheduled as part of the celebration of the City's 75th birthday should be a fun, successful event; announced that Focus on the Family will have children's crafts on March 1st; advised that the Coastal Advisory Committee, at its last meeting, discussed the vital few priorities that are within its sphere of influence.

B. Coastal Advisory Committee – report by Commissioner Vance
Commissioner Vance reported under Sphere of Influence.

10. ADJOURNMENT

MOTION BY THOMAS, SECOND BY VANCE, CARRIED (6-0-0) to adjourn the meeting to the next regular meeting on March 11, 2003.


Chairperson and Commissioner of the
Parks & Recreation Commission
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Beaches, Parks & Recreation Director

7.B.

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

Enterococcus (ENT), Fecal Coliform (FC), Total Coliform (TC) Colony Forming Units / 100 ml Sample
NS - NOT SAMPLED All creeks flowing unless denoted by *

Date posted: 4/2/03 Page 1 of 3



*Excellence
Integrity
Service*

Beach Name	Lsh	ID	Location	Type	2/22/03	2/27/03	3/4/03	3/10/03	3/13/03	3/17/03	3/18/03	3/20/03
SAN CLEMENTE	EH	o-S-17	20000' South Outfall	ENT			110					
SAN CLEMENTE	EH	o-S-17	20000' South Outfall	FC			70					
SAN CLEMENTE	EH	o-S-17	20000' South Outfall	TC			>690					
SAN CLEMENTE	RA	o-S-17	20000' South Outfall	ENT	<10			<10		>4000		
SAN CLEMENTE	RA	o-S-17	20000' South Outfall	FC	30			<10		>4000		
SAN CLEMENTE	RA	o-S-17	20000' South Outfall	TC	50			<10		>4000		
SAN CLEMENTE	EH	p-S-19	450' North of Pier	ENT			40					
SAN CLEMENTE	EH	p-S-19	450' North of Pier	FC			70					
SAN CLEMENTE	EH	p-S-19	450' North of Pier	TC			460					
SAN CLEMENTE	RA	p-S-19	450' North of Pier	ENT	20			<10		>4000		
SAN CLEMENTE	RA	p-S-19	450' North of Pier	FC	420			20		>4000		
SAN CLEMENTE	RA	p-S-19	450' North of Pier	TC	1100			10		>4000		
T STREET BEACH	EH	q-OSC01	Trafalgar Street Beach	ENT		1570	40		<10		70	
T STREET BEACH	EH	q-OSC01	Trafalgar Street Beach	FC		7400	580		30		470	
T STREET BEACH	EH	q-OSC01	Trafalgar Street Beach	TC		18000	3400		30		>920	
SAN CLEMENTE	EH	r-S-21	AVENIDA CALAFIA	ENT			10					
SAN CLEMENTE	EH	r-S-21	AVENIDA CALAFIA	FC			60					
SAN CLEMENTE	EH	r-S-21	AVENIDA CALAFIA	TC			330					
SAN CLEMENTE	RA	r-S-21	AVENIDA CALAFIA	ENT	<10			<2		>4000		
SAN CLEMENTE	RA	r-S-21	AVENIDA CALAFIA	FC	<10			<2		>4000		
SAN CLEMENTE	RA	r-S-21	AVENIDA CALAFIA	TC	<10			2		>4000		
SAN CLEMENTE	EH	s-S-23	LAS PALMERAS	ENT			10					
SAN CLEMENTE	EH	s-S-23	LAS PALMERAS	FC			<10					
SAN CLEMENTE	EH	s-S-23	LAS PALMERAS	TC			60					
SAN CLEMENTE	RA	s-S-23	LAS PALMERAS	ENT	<2			<2			1000	
SAN CLEMENTE	RA	s-S-23	LAS PALMERAS	FC	4			<2			400	
SAN CLEMENTE	RA	s-S-23	LAS PALMERAS	TC	4			2			3000	