



CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION

Sarah Berling, Kelly Brezoczky, Tamara Michie, JC
Myers, Brian Sours

All meetings are held in the City Council Chambers
East Side of Monte Verde Street
Between Ocean and 7th Avenues

REGULAR MEETING Thursday, October 12, 2023

MEETING 3:30 PM

THIS MEETING WILL BE HELD IN PERSON AND VIA TELECONFERENCE. The public is welcome to attend the meeting in person or remotely via Zoom; however, the meeting will proceed as normal even if there are technical difficulties accessing Zoom. The City will do its best to resolve any technical issues as quickly as possible. To view or listen to the meeting from home, you may watch the Youtube Live Stream at: <https://www.youtube.com/@CityofCarmelbytheSea/streams>, or use the link below to view or listen to the meeting via Zoom teleconference:

<https://ci-carmel-ca-us.zoom.us/j/84589313453> Meeting ID: 845 8931 3453 Passcode: 701766

HOW TO OFFER PUBLIC COMMENT: Public comment may be given in person at the meeting, or using the Zoom teleconference module, provided that there is access to Zoom during the meeting. Zoom comments will be taken after the in-person comments. The public can also email comments to yculver@ci.carmel.ca.us. Comments must be received 2 hours before the meeting in order to be provided to the legislative body. Comments received after that time and up to the beginning of the meeting will be made part of the record.

Tour Time 3:00

ROLL CALL

TOUR OF INSPECTION

Prior to calling the meeting to order, the Board/Commission will conduct an on-site tour of inspection of the properties listed on the agenda and the public is welcome to join. After the tour is complete, the Board/Commission will begin the meeting in the City Council Chambers no earlier than the time noted on the agenda.

- A. Santa Fe Street, 3 Southwest of Mountain View Avenue

CALL TO ORDER AND ROLL CALL

PLEDGE OF ALLEGIANCE

PUBLIC APPEARANCES

Members of the public are entitled to speak on matters of municipal concern not on the agenda during Public Appearances. Each person's comments shall be limited to 3 minutes, or as otherwise established by the Commission. Matters not appearing on Commission's agenda will not receive action at this meeting but may be referred to staff for a future meeting. Persons are not required to give their names, but it is helpful for speakers to state their names so that they may be identified in the minutes of the meeting.

ANNOUNCEMENTS

CONSENT AGENDA

Items on the consent agenda are routine in nature and do not require discussion or independent action. Members of the Commission or the public may ask that any items be considered individually for purposes of Commission discussion and/ or for public comment. Unless that is done, one motion may be used to adopt all recommended actions.

1. September 7, 2023 Special Meeting Minutes
2. September 14, 2023 Meeting Minutes
3. Receive an Executive Summary for the Shoreline and Beach Change Analysis, Task 2 which is part of the Coastal Engineering Study

PUBLIC HEARINGS

4. Consider the removal of seven moderately significant coast live oak trees, two non-significant coast live oak trees, and one non-significant tea tree for construction purposes at Santa Fe Street, 3 Southwest of Mountain View Avenue (TR 23-250, DS 23-290)

ORDERS OF BUSINESS

Orders of Business are agenda items that require City Council, Board or Commission discussion, debate, direction to staff, and/or action.

5. Receive a presentation regarding the Community Wildfire Protection Plan and provide feedback
6. Receive a status update of the North Dunes Habitat Restoration Project (CDP 16-315) for Fiscal Years 2021-22 and 2022-23
7. Consideration for Establishing Guidelines for Carmel Beach Cleanups and a Marine Protected Area Sign
8. City Forester's Report for September 2023
9. Public Works Director's Report for September 2023.

FUTURE AGENDA ITEMS

ADJOURNMENT

This agenda was posted at City Hall, Monte Verde Street between Ocean Avenue and 7th Avenue, Harrison Memorial Library, located on the NE corner of Ocean Avenue and Lincoln Street, the Carmel-by-the-Sea Post Office, 5th Avenue between Dolores Street and San Carlos Street, and the City's webpage <http://www.ci.carmel.ca.us> in accordance with applicable legal requirements.

SUPPLEMENTAL MATERIAL RECEIVED AFTER THE POSTING OF THE AGENDA

Any supplemental writings or documents distributed to a majority of the Forest & Beach Commission regarding any item on this agenda, received after the posting of the agenda will be available at the Public Works Department located on the east side of Junipero Street between Fourth and Fifth Avenues during normal business hours.

SPECIAL NOTICES TO PUBLIC

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's Office at 831-620-2000 at least 48 hours prior to the meeting to ensure that reasonable arrangements can be made to provide accessibility to the meeting (28CFR 35.102-35.104 ADA Title II).



CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
CONSENT AGENDA

TO: Forest and Beach Commissioners

SUBMITTED BY: Robert M. Harary, P.E., Director of Public Works

SUBJECT: September 7, 2023 Special Meeting Minutes

RECOMMENDATION:

Approve the September 7, 2023 Special Meeting Minutes.

BACKGROUND/SUMMARY:

FISCAL IMPACT:

ATTACHMENTS:

Attachment #1 - September 7, 2023 Meeting Minutes

**INAFORREST AND BEACH COMMISSION
SPECIAL MEETING MINUTES**

September 7, 2023

CALL TO ORDER AND ROLL CALL

Chair Myers called the meeting to order at 3:03 PM

PRESENT: Berling, Brezoczky, Michie, Myers, Sours

ABSENT: None

STAFF PRESENT: Robert Harary, P.E., Director of Public Works
Justin Ono, City Forester
Tom Ford, Administrative Analyst
Nova Romero, City Clerk

PUBLIC APPEARANCES

None

ORDERS OF BUSINESS

Item 1 - Review and approve the final Community Survey for the Urban Forest Master Plan (UFMP)

Chair Myers announced that four of the UFMP Steering Committee members were present in the audience: Donna Jett, Linda Smith, Maria Sutherland, and Bill Taormina.

City Forester Justin Ono gave a summary of the item and asked for Commission direction on the 20 proposed questions in the Urban Forest Master Plan (UFMP) Community Survey to include, remove, add, or change. The questions were generated by Davey Resource Group, the consultant who is preparing the UFMP, and were edited by staff. Forester Ono also asked for direction regarding the start and end date of the Survey, and whether or not paper copies should be made available.

The Commissioners discussed each of the 20 proposed questions and opened public comment on each.

The following members of the public spoke:

Linda Smith (Steering Committee member)
Donna Jett (Steering Committee member)
Melanie Billig
Bill Taormina (Steering Committee member)
Mike Brown
Maria Sutherland (Steering Committee member)

The Commissioners received feedback and gave direction to staff on the UFMP Survey Questions, via consensus, and summarized as follows:

- Include questions # 1, 2, 6, 16, and 18 as presented. Remove questions #17 and #19.
- Keep questions # 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 20, with minor clarifications made such as the following:
 - #3 - remove “streets” response option.
 - #4 – add the word “aesthetic” or “scenic beauty” to the end of “architectural interest” response.
 - Add a question such as “What do you think of the current density requirement or recommendation for upper and lower canopy” with response options agree, disagree, unsure, and “I’m not a property owner.”
 - #5 – add a response option “I don’t own property in Carmel.”
 - #7 – add “or near” my house in question.
 - #8 – change response option to a 5-point scale.
 - #9 – change the word “field” to “department.”
 - #10 – add “fire fuel reduction” as a response option.
 - #11 – add “view preservation” and “crime reduction” to the list of responses.
 - Add Question #11.5 – “pick your top 3 services.”
 - #12 – add “Limits solar panel use”, “fire danger”, and “tree sap” to list of dislike options.
 - #13 – add “on my property in Carmel” and “frightening to me or my neighbors” as an option.
 - #14 – change to “upper canopy trees such as redwood, Monterey pine, and cypress” and add a sliding scaled to each response, remove and change response to “they can be unsafe.”
 - #15 – change wording to “it is important to maintain the cypresses along Scenic Drive” and add as response to #14.
 - #20 – change responses to “A. I’m a property owner and resident” and “B. I’m not a resident but I live in the surrounding area” and “D. I do not live in Carmel or on the Monterey Peninsula.

The Commissioners discussed adding a final narrative question to the Survey to promote various volunteer groups, and ultimately decided not to include it in the UFMP Survey but to consider other options in the future to further utilize volunteers.

The Commissioners further directed staff to:

- Finalize the Survey and release it to the public within 1-2 weeks
- Staff to work with Commissioner Brezoczky to finalize the Survey and online coding
- Keep the Survey open for 45 days
- Have paper copies of the survey available, in addition to the online version
- If possible, capture name and demographic information to sort the data

ADJOURNMENT

Chair Myers adjourned at 5:30 pm.

Respectfully submitted:

Approved by:

Nova Romero, City Clerk

JC Myers, Chair



CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
CONSENT AGENDA

TO: Forest and Beach Commissioners

SUBMITTED BY: Robert M. Harary, P.E., Director of Public Works

SUBJECT: September 14, 2023 Meeting Minutes

RECOMMENDATION:

Approve the September 14, 2023 Meeting Minutes.

BACKGROUND/SUMMARY:

FISCAL IMPACT:

ATTACHMENTS:

Attachment #1 - September 14, 2023 Meeting Minutes

**FOREST AND BEACH COMMISSION
REGULAR MEETING
Thursday, September 14, 2023**

Tour Time 3:00 PM

ROLL CALL

Shortly after 3:00 p.m., the Commission will leave the Council Chambers for an on-site Tour of Inspection of all properties listed on this agenda. Prior to the beginning of the Tour of Inspection, the Commission may eliminate one or more on-site visits. The public is welcome to follow the Commission on its tour of the determined sites. The Commission will return to the Council Chambers at 3:30 p.m. or as soon thereafter as possible.

TOUR OF INSPECTION

- Northwest Corner of Lincoln Street and Twelfth Avenue (Gould, 23-209)

CALL TO ORDER AND ROLL CALL

PRESENT:	Berling, Michie, Myers, Sours
ABSENT:	Brezoczky
STAFF PRESENT:	Robert Harary, P.E., Director of Public Works
	Justin Ono, City Forester
	Mary Bilse, Environmental Programs Manager
	Tom Ford, Administrative Analyst
	Yvette Oblander, Commission Secretary/Administrative Coordinator

PLEDGE OF ALLEGIANCE

Chair Myers led the public in the Pledge of Allegiance

PUBLIC APPEARANCES

Dale Byrne – noted that the first phase of the Scenic Pathway Barrier Rails project was completed
 Kelly Frances - Chair Myers informed Ms. Frances that the subject she mentioned was on the Agenda, under Item 3, Orders of Business.
 Linda Jackson

ANNOUNCEMENTS

Director Harary announced:

- The Sandcastle Contest competition on Carmel Beach will be on September 16th.
- The Ribbon Cutting Ceremony by the Leadership Carmel Class of 2023 will be on September 28th, for the new nature play equipment that they installed at Forest Hill Park.
- Community Day is September 30th in Devendorf Park. This is be an opportunity to thank our volunteer groups and different community organizations that help our community day in and day out.
- Most likely, the Community Wildfire Risk Assessment Report will be on next month's agenda.

CONSENT AGENDA

Item 1: August 10, 2023, Meeting Minutes

Director Harary commented that we did receive a public comment this morning about the Minutes regarding Public Hearing Item 3. Staff believes that the minutes are accurate as written, but we will add the public comment to the record.

Commissioner Sours moved to approve the meeting minutes and seconded by Commissioner Michie and carried by the following roll call vote:

AYES: Berling, Michie, Myers, Sours
 NOES: None
 ABSENT: Brezoczky
 ABSTAIN: None

PUBLIC HEARINGS

Item 2: Consider the removal of one Monterey pine tree at the Northwest Corner of Lincoln Street and Twelfth Avenue (Tree Permit Application 23-209)

Administrative Analyst Tom Ford presented the Staff Report and recommended denying the removal of one Monterey pine tree. Should the removal be approved, require the replanting of one upper canopy tree at the Applicant's expense. Forester Ono added that without a structural or architectural assessment from the Applicant which directly links the tree to the damage of the home, the request should be denied. Forester Ono and Mr. Ford answered questions of the Commission.

Forester Ono also indicated that the Public Works Director does not believe that there is not a conflict of interest, because the Applicant's arborist, Frank Ono, prepared a report prior to the Forester's employment with the City, and that information in both reports are factual.

The Applicant/Owner, Louise Gould, was not present for comments. Mr. Ford previously reached out to the Applicant and suggested that she obtain a structural evaluation prior to the Public Hearing, but the Applicant indicated that they would like to proceed with the Commission's determination.

Public Comment

None

Commissioner Sours moved to deny the Application, but to allow the homeowner to resubmit their Application within the next five years, without additional fees, so long as the Application is accompanied by an engineering study that addresses damage to any surrounding structure, or with documentation concerning movement of the tree, for the Commission to review potential removal at that time. Seconded by Commissioner Michie and carried by the following roll call vote:

AYES: Berling, Michie, Myers, Sours
 NOES: None
 ABSENT: Brezoczky
 ABSTAIN: None

ORDERS OF BUSINESS

Item 3: Consideration for Establishing Guidelines for Carmel Beach Cleanups and a Marine Protected Area Sign

Environmental Manager Mary Bilse presented the Staff Report and introduced guidelines for a proposed Carmel Beach Cleanup Policy in order to remove all human-sourced waste and to protect natural resources and wildlife in a consistent manner and in accordance with various regulations.

Ms. Bilse reviewed the regulations of the various governing agencies that protect Carmel Beach. The beach lies within the Monterey Bay National Marine Sanctuary and is part both of the Carmel Bay State Marine Conservation Area and Area of Special Biological Significance. These protected areas are designated by both federal and state agencies including the National Oceanic and Atmospheric Association, California Department of Fish and Wildlife, Coastal Commission, and the State Water Resources Control Board.

The Coastal Act identifies the beach as a distinct and valuable natural resource and exists as a delicately balanced ecosystem. One of the Coastal Commission's goals is to protect, maintain, enhance, and restore the quality of the natural environment and its resources. She noted that it is unlawful to injure, damage, take, or possess any living, geological, or cultural marine resource except for finfish.

The City's environmental staff contacted several agencies to prepare the draft Beach Cleanup Policy being presented. She also reviewed the color-coded flyer that identifies trash which should be removed from the beach, natural resources to remain, disposal of recyclables and hazardous materials, salvaging valuables, and contact information for injured or deceased animals on the beach. Once approved by the Forest & Beach Commission, the Policy would be presented to the City Council for approval. Ms. Bilse replied to questions of the Commission.

Ms. Bilse next presented the second portion of the Staff Report which was for approval of one Marine Protected Area (MPA) sign located in the Del Mar parking lot at the end of Ocean Avenue. The new MPA sign was requested by the California Marine Sanctuary Foundation and the Marine Protected Area Collaborative Network, and would be funded by the Ocean Protection Council. They partnered with California Department of Fish and Wildlife for the design of the new (blue) sign.

Ms. Bilse introduced Nicole Palma who is the Program Manager and Central Coast Specialist of the Marine Area Collaborative Network. Ms. Palma stated that they have been working across the state to install over 150 new signs, and the design was based on a rigorous evaluation of current MPA signage (brown signs), such as the sign at nearby Asilomar Beach. Ms. Palma answered questions of the Commission.

PUBLIC COMMENT

Dale Byrne
Shirley Moon
Kelly Francis

The Commissioners, and public, expressed concerns regarding hazardous conditions on the Beach, illegal fires, dog waste, beach sand discoloration, and opposition to state mandates. Commissioners also noted that the proposed blue MPA sign is too cluttered with words and would not be read by the public.

Chair Myers motioned for a continuation of both recommendations requested, seconded by Commissioner Berling, and carried by the following roll call vote:

AYES:	Berling, Michie, Myers, Sours
NOES:	None
ABSENT:	Brezoczky
ABSTAIN:	None

Item 4: Further Commission discussion regarding the Beach Infrastructure Tour of Inspection conducted on July 20, 2023, and needed shoreline infrastructure repairs

Director Harary summarized the Staff Report and stated that this item was requested by the Commissioners. He noted that the City Council did not find in favor of declaring the damaged beach infrastructure to be in a state of emergency at the Council Strategic Priorities Workshop on August 30, 2023. He recommended that the Commission continue to discuss the findings and priorities regarding the Beach Infrastructure Tour of Inspection conducted on July 20, 2023.

Director Harary noted that at their meeting of September 12, 2023, Council approved staff's application to the Coastal Commission for a non-competitive, Local Coastal Programs grant of \$500,000 to pay for the entirety of the Coastal Engineering Study, Phase II. If approved, the amount that the City Council budgeted for Phase II, \$100,000, would no longer be needed for the Study and could potentially be reallocated for beach infrastructure repairs. The \$500,000 grant cannot be used for design or construction of beach infrastructure repairs. Director Harary answered questions of the Commission.

PUBLIC COMMENT

Shirley Moon
Maria Sutherland
Dale Byrne

Item 5: City Forester's Report for August 2023

City Forester Ono presented the Forester's Report for August 2023.

- For the Urban Forest Master Plan, Davey Resource Group is complete, or nearly complete, with the Tree Inventory, Urban Forest Economics Resource Analysis, Tree Canopy and Land Cover Assessment, and stakeholder interviews. The first draft of the UFMP is 45% complete.
- Public Works assisted Leadership Carmel's project installing nature-based play equipment at Forest Hill Park with Forestry coordinating with their tree contractor for the installation of 2 owl boxes and a hawk perch.
- On-call tree services contractors Community Tree Service, Tope's Tree Service, and West Coast Arborists were issued Task Orders for numerous tree removals, stump removals, and pruning. The Task Order process is becoming more streamlined by significantly increasing the quantities of tree work which makes cost estimating by the contractors, and tracking by the City, more efficient.
- Landscape maintenance contractor, Town & Country, continues providing a wide range of landscaping services throughout the City. Public comments have become increasingly positive.
- Met with the Community Planning and Building Department for Forestry to resume the review of development landscaping plans and inspections of tree protection.
- The City's new stump grinder was put into a routine part of maintenance operations. As stumps are removed, new trees were planted.
- Crews removed tree logs along the Junipero Street medians.
- Continued to provide information related to tree-related claims resulting from winter storms.
- Forestry crews participated in the Tree Topia conference in Vallejo.

PUBLIC COMMENT

Maria Sutherland – Pleased to see replanting of private trees moving up to 74%
Dale Byrne

Item 6: Public Works Director's Report for August 2023.

Director Harary presented the Public Works Report for August 2023.

City Council Actions related to Forestry, Parks, and Beach issues

- Council Workshop on August 30th included review of 22 Strategic Priorities. Ten priorities pertain to Public Works, of which the following 5 are related to Forestry, Parks, and Beach issues: 1) reduce fire risk through fuel reduction, 2) development of the Urban Forest Master Plan, 3) volunteer oversight/facilitation/appreciation, 4) increasing beautification efforts, such as the Ocean Avenue Median Islands Project, and 5) Coastal Engineering Study.
- As previously noted, on September 12th, Council approved the submission of a \$500,000 non-competitive Local Programs Grant application to the Coastal Commission for the Coastal Engineering Study, Phase II.
- Council accepted the \$25K donation of nature play equipment installed in Forest Hill Park by the Leadership Carmel Class of 2023.

Forestry, Parks, and Beach-related Capital Improvement Projects

- Held kickoff meeting with Denise Duffy & Associates for the North Dunes Habitat Restoration Project. DDA prepared a report assessing the existing conditions of the site, noted overall good conditions, and recommended some repairs to fencing and removal of ice plant.
- For the Mission Trail Nature Preserve Well and Tank/Pump House Removal Project, following award of the \$139,700 bid by Bowen Engineering, the construction contract was executed, and the Notice to Proceed was issued on September 1st. Construction to commence on September 25th.

Update on Volunteer Organizations

- The Friends of Mission Trail Nature Preserve improved the Doolittle Trail making it safer to travel around a muddy bog. We have received several reports of water seepage in the Preserve. We investigated for any water, sewer, or irrigation leaks, but found none, so we believe the seepage is from natural sources.
- Cindy Lloyd pruned and beautified the flower beds and plants around the WWI Memorial Arch.

PUBLIC COMMENT

Dale Byrne

FUTURE AGENDA ITEMS

Beach Trash Policy
MPA Beach Sign
North Dunes Report
Community Wildfire Risk Assessment Report

ADJOURNMENT

Respectfully submitted,

Yvette Culver, Administrative Coordinator, Commission Secretary

Approved by:

JC Myers, Chair



CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
CONSENT AGENDA

TO: Forest and Beach Commissioners

SUBMITTED BY: Mary Bilse, Environmental Programs Manager

SUBJECT: Receive an Executive Summary for the Shoreline and Beach Change Analysis, Task 2 which is part of the Coastal Engineering Study

RECOMMENDATION:

Receive an Executive Summary for the Shoreline and Beach Change Analysis (Task 2), which is part of the Coastal Engineering Study.

BACKGROUND/SUMMARY:

At the August 10, 2023 Forest and Beach Commission meeting, Integral Corp. presented their findings of the Carmel Climate Change Vulnerability Assessment and the Shoreline and Beach Change Analysis: Seasonal and Long Term (Phase 1, Task 2) The report is available from the following link: <https://ci.carmel.ca.us/climate-committee>.

After the presentation, the Forest and Beach Commission expressed concern over the future of the sand on the beach, especially in response to sea level rise and climate change shifts in weather patterns. The Commission asked the consultant to prepare an Executive Summary which notes the Commission's comments in the summary.

In September 2023, Integral provided the Shoreline and Beach Change Analysis report and included the Executive Summary (Attachment 1). The technical report explains the physical processes that lead to seasonal changes at the beach, documents the extent of historic erosion, and quantifies changes to the shoreline, cliffs, and dunes. The Executive Summary focuses on the key technical findings of the analysis, and discusses the Commission's concern that the sand on the beach will continue to narrow despite recovering both seasonally and long term, and will be influenced by sea level rise and increased storm events. These findings will inform sea-level rise and coastal hazard modeling efforts for Task 3, Shoreline and Beach Erosion Exposure Modeling, and improve understanding of potential exposure and vulnerabilities to City infrastructure and development for Task 4, Coastal Hazard and Sea Level Rise Vulnerabilities.

Staff recommends that the Forest and Beach Commission ratifies the Executive Summary prior to staff approving the overall final report.

Environmental Evaluation

This action does not constitute a project within the meaning of the California Environmental Quality Act under Public Resources Code Section 21065. It has no potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, does not require environmental review.

FISCAL IMPACT:

None regarding this action.

ATTACHMENTS:

Attachment No. 1: Executive Summary



Integral Consulting Inc.
200 Washington Street
Suite 201
Santa Cruz, CA 95060

telephone: 831.466.9630
facsimile: 831.466.9670
www.integral-corp.com

MEMORANDUM

To: Mary Bilse, Environmental Programs Manager and Robert Harary, Director of Public Works, City of Carmel-by-the-Sea

From: David Revell, Integral Consulting Inc.

Date: September 6, 2023

Subject: Carmel Climate Change Vulnerability Assessment, Shoreline and Beach Change Analysis: Seasonal and Long Term

Project No.: C3016

EXECUTIVE SUMMARY

Carmel Beach is a 1.25-mile-long pocket beach with sand constrained by two rocky headlands—Arrowhead Point in the north and Carmel Point and an offshore reef in the south. As a large pocket beach, the volume of sand is mostly contained between the headlands, where very little sediment is gained or lost within the system. Sediment movement within the system can occur either north or south (alongshore) or off and onshore (cross shore) based on seasonal changes in wave energy and direction and in response to large storm wave events. Note that the movement of sediment in coastal environments is a dynamic and ongoing process. Sediment transport at Carmel Beach will be influenced by sea-level rise and increased storminess, which are long-term factors influenced by climate change. This report focuses only on typical historical conditions and does not project the potential hazard at Carmel Beach due to climate change. This will occur in future tasks.

The following is a highlight of this study's major findings for shoreline and beach change organized by **long-term historical trends** (decadal scale), **seasonal trends** (monthly to annual scale), **storm impacts** (event specific), and **recovery** (both seasonal and long term).

Long-term Historical Trends

- Over the last 80 years, while there have been many observed changes in dry sand beach widths due to a sequence of storm and recovery events, there is no long-term erosion trend as evidenced by a relatively stable average shoreline position

derived via satellite measurements. This lack of an erosion trend indicates that there has been a consistent volume of sand in this pocket beach at Carmel Bay.

- The stable beach volume in this area is rather unique in California. Most of the other littoral cells (or beach compartments) have a set of sand sources and a sink (like a submarine canyon) where sand is lost from the beach system.
- On average, dry beach widths were narrower south of 8th Avenue, wider in the north by the Pebble Beach Golf Links, and the widest in the dune-backed areas near the Del Mar parking lot.

Seasonal Trends

- The dry sand beach widths change seasonally, where the narrowest beach widths occur in the spring (after winter storm waves move sand offshore) and the widest beach widths occur in the fall (after small summer waves bring that same sand back onshore).
- The highest range in beach widths occurs around the area of 4th Avenue and Pescadero Canyon (around the offshore rock).
- The beach width remains most consistent in the dune-backed areas near the Del Mar Parking lot, presumably as a result of sand being eroded from the dunes and nourishing that portion of the beach.

Storm Impacts

- The biggest storm impacts occur during strong west swells (often El Niño years), which approach the beach straight on. When erosion is highest, dry sand beach widths are the narrowest as most of the sand is moved from the dry sand beach and into nearshore bars. This erosion and sand transport during storms can expose the sandstone bedrock underlying the sand in some areas resulting in challenges to beach access and damaging coastal armoring. When the beach is narrowest, the waves can break closer to shore, overtop the coastal armoring, and lead to erosion of the cliffs and bluffs.
- The most significant observed cliff erosion ranged between 20–40 ft and was observed following the 1982–1983 El Niño in areas where coastal armoring was already in place.

Recovery

- Recovery of the dry sand beach after large storm events can take a few years. The area south of 8th Avenue usually begins recovery earliest but takes the longest to recover.
- Recovery time varies but is related to waves with smaller wave heights and longer periods and coming from both the north and south angles to the beach.



CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
PUBLIC HEARINGS

TO:	Forest and Beach Commissioners
SUBMITTED BY:	Louise Shurvinton Bradley
SUBJECT:	Consider the removal of seven moderately significant coast live oak trees, two non-significant coast live oak trees, and one non-significant tea tree for construction purposes at Santa Fe Street, 3 Southwest of Mountain View Avenue (TR 23-250, DS 23-290)

RECOMMENDATION:

Approve the removal of nine coast live oaks and one tea tree at the Applicant's expense, contingent on the approval of Design Study 23-290 and issuance of a Building Permit. Should the removals be approved, require the replanting of two upper canopy trees, one on private property and one in the public right-of-way, at the Applicant's expense.

BACKGROUND/SUMMARY:

Alan Lehman submitted Tree Removal Permit Application 23-250 (**Attachment 1**) for the removal of 7 oak trees and one tea tree on private property, as well as two oak trees located in the public right-of-way, as part of a proposed development. The lot under consideration for this permit was originally included in a much larger lot as part of a permit application approved by the Commission in 2022, but was recently legally established as a separate property. The previous permit is no longer valid, and a completely new tree removal permit Application was submitted. See **Attachment 2** for the proposed site map and **Attachment 3** for photos.

There are 17 trees currently on the lot, most of which were previously rated as Significant. Two of the trees (trees #1 and #10) were not found to be Significant, but the other six trees on the lot (trees #2-#7) proposed for removal, as well as the two trees in the public right-of-way (trees #8 and #9), were rated Moderately Significant. The City Forester found the trees on both City and private property to be relatively healthy and in fair condition. However, all ten trees, or their structural root zones, are in direct conflict with the proposed development.

In the interest of allowing reasonable development of the currently vacant property, the Forester recommends approving the removals, with the condition that the tree removal permit will only be valid with the approval of Design Study 23-290 and issuance of a Building Permit.

Per Carmel Municipal Code Section 17.48.070, the removal of significant trees to facilitate construction or

development may be approved if the following four conditions are met:

1. The existing site is vacant or is developed to an extent less than one-third of the base floor area allowed by the zoning applicable to the site; and
2. The available land area of the site not occupied by significant trees (including land within six feet of the trunk of significant trees) does not adequately and practically provide space for development of at least one-third of the base floor area allowed by the zoning for the site; and
3. The issuance of a variance for development in one or more setbacks has been considered and would not provide a remedy or would be inappropriate due to a significant overriding inconsistency with another policy or ordinance of the LCP; and
4. Failure to authorize removal of the tree(s) would deprive the owner of all reasonable economic use of the property.

If the removals are approved, the lot will still exceed density requirements for lower canopy trees. The City Forester does not believe there would be sufficient room to replant more than one upper canopy tree on the private property based on the updated site map. Due to the number of proposed trees for removal, the City Forester also recommends requiring that the Applicant replant one upper canopy tree in the public right-of-way to mitigate the removal of the two City-owned oak trees.

Per Carmel Municipal Code Section 17.48.080:

Tree Density Chart for property of 4,000 square feet		
	# of Upper Canopy	# of Lower Canopy
Recommended:	3	1
Currently:	0	17
If removals are approved:	0	9

There appears to be adequate space to replant one upper canopy tree on private property and one upper canopy tree in the adjacent public right-of-way.

The Applicant was notified of their opportunity to speak at the Public Hearing.

ENVIRONMENTAL EVALUATION:

This action does not constitute a project within the meaning of the California Environmental Quality Act under Public Resources Code Section 21065. It has no potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, does not require environmental review.

FISCAL IMPACT:

The Applicant has paid the permit application fee. Should the tree(s) be approved for removal, all costs will be at the Applicant's expense. Should the Applicant be required to plant an additional upper canopy tree on the private property and/or in the public right-of-way, the Applicant will pay the cost of the replacement tree(s).

ATTACHMENTS:

Attachment 1 - Tree Removal Permit Application 23-250

Attachment 2 - Proposed Site Map

Attachment 3 - Photos



Public Works/Forestry
PO BOX CC
CARMEL, CA 93921
Phone: (831) 620-2070

Attachment 1

Date Received: _____
FEE: \$ Attachment 1
RECEIPT #: _____
Permit #: TR 23-250

APPLICATION FOR PERMIT TO REMOVE OR PRUNE TREES FOR THE PURPOSE OF CONSTRUCTION/DEMOLITION

Location of property: Southeast Corner of Lincoln and 4th

BLOCK: 87 LOT: 11 APN: 010-082-002

Name of Property Owner: The Golden Mean LLC Name of Applicant/Contractor: Alan Lehman

Mailing Address: P.O.Box 1932 Carmel CA 93921 Mailing Address: 26453 Mission Fields Rd. Carmel CA 93923

Email: _____ Email: alan@lehmandesignstudio.com

Phone #: 831-277-2770 Phone #: 831-747-4718

WHO WILL REMOVE/PRUNE TREE(S): Coyote Tree

PLEASE NOTE IF TREE(S) ARE ON CITY OR PRIVATE PROPERTY

Number, size and species of **tree(s)** to be removed: (9) oak to be removed and (1) non native tree

Number, size and species of **limb(s)** to be removed: #1- 12" Oak, #2- 13" Oak, #3- 10" Oak, #4- 28" Oak, #5- 13" twin Oak, #6-9" Oak, #7 10" Oak, #8- 10" Oak, #9- 10" Oak, #10- 15" tree laying horizontal

Number, size and species of **root(s)** to be removed: _____

Reason for removal or pruning: New construction on vacant lot, trees in public right of way are needed to create a driveway.

You will be notified in writing the date and time that your request is scheduled for a hearing. If you or your representative is unable to attend the hearing your application will be tabled. You may reschedule by contacting the Secretary to the Forest and Beach Commission at (831) 620-2070. You may waive your right to speak at the hearing and authorize the Forest Beach Commission to act on your absence by signing on the following line: _____ Date: _____

A SITE PLAN MUST ACCOMPANY THIS APPLICATION AND **SHOW** THE FOLLOWING:

1. Location, size and species of ALL trees on the lot.
 2. Location and species of tree(s) /limb(s) to be removed or pruned
 3. Footprint of the structure
 4. Existing and proposed site coverage.
 5. ALL areas that are to remain for landscaping and the total square feet of open space.
 6. Location of areas for tree replanting- The City has adopted Design Review Guidelines which include a minimum tree density per lot. Please review the attached Policy and indicate on the site plan where you intend to plant trees necessary to comply with which guideline.
 7. Will excavation other than standard footings be required as part of your construction? NO ☒ / YES ☐
If **YES**, you **MUST** show the area of cut, its depth and total cubic yards to be removed.
- Any decision of the Forest and Beach Commission is based on information submitted with this application.
 - In order to properly consider your application it is necessary that the footprint of your purposed construction be clearly defined on the lot and height poles are installed prior to the Commission's Tour of Inspection. Any decision of the Forest and Beach Commission is based on information submitted with this application. If the design is altered or the location of the structure changes, another application for a tree permit is required.
 - **NO WORK IS PERMITTED** until you have picked up your permit for tree work-The Permit must be posted on the job site when work is being performed.

Owner's Signature: Alan Lehman
Agent for Owners: Alan Lehman

Date: 8/7/23
Date: 8/7/23

INCOMPLETE APPLICATIONS WILL BE RETURNED

Proposed Site Map



















CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
ORDERS OF BUSINESS

TO: Forest and Beach Commissioners

SUBMITTED BY: Justin Ono, City Forester

SUBJECT: Receive a presentation regarding the Community Wildfire Protection Plan and provide feedback

RECOMMENDATION:

Receive a presentation from Fire Chief Gaudenz Panholzer regarding the Community Wildfire Protection Plan and provide feedback.

BACKGROUND/SUMMARY:

The Community Wildfire Protection Plan (CWPP) was developed as a cooperative project between Monterey Fire and the cities of Monterey, Pacific Grove, and Carmel-by-the-Sea. This Plan serves as a mechanism for community input and identification of areas presenting high wildfire risk, as well as identification of potential projects intended to mitigate such risk. Further, the CWPP process is intended to provide the community a forum for identifying values at risk from wildfire, which may include people, property, natural resources, cultural resources, economic interests, and infrastructure. The Project area is shown in **Attachment 1**.

The goals of the CWPP have been developed with input from the Project Working Group, which consists of a group of key stakeholders assembled by the Monterey Fire Department. Throughout the process, Carmel Public Safety and Forestry personnel, as well as our colleagues with the cities of Monterey and Pacific Grove, contributed to the Plan, which was predominately prepared by a consultant, Dudek.

Over the past year, the Project Working Group met monthly and were tasked with providing input on the Project. A Community Survey was open from January to May 2023, and a public outreach meeting/workshop was held in Carmel on May 23, 2023. Input from various stakeholders was used to create a set of goals and management principles that help identify effective, prioritized wildfire mitigation and fuel reduction projects, and assist in qualifying for state and federal grant funding. These projects and action plans are being compiled into a guiding document to help Carmel and surrounding communities be more fire resilient, more proactive in preventing wildfires, and better prepared for a wildfire event. A draft list of priority vegetation management projects is included as **Attachment 2**.

The CWPP can be reviewed from the following link:

<https://storymaps.arcgis.com/stories/1676ab5b4a2d4993883393f1cb5f3d87>

The CWPP will also inform and guide the City's Community Planning and Building Department in their update of the Safety Element of the General Plan in the coming months.

Environmental Evaluation

This action does not constitute a project within the meaning of the California Environmental Quality Act under Public Resources Code Section 21065. It has no potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, does not require environmental review.

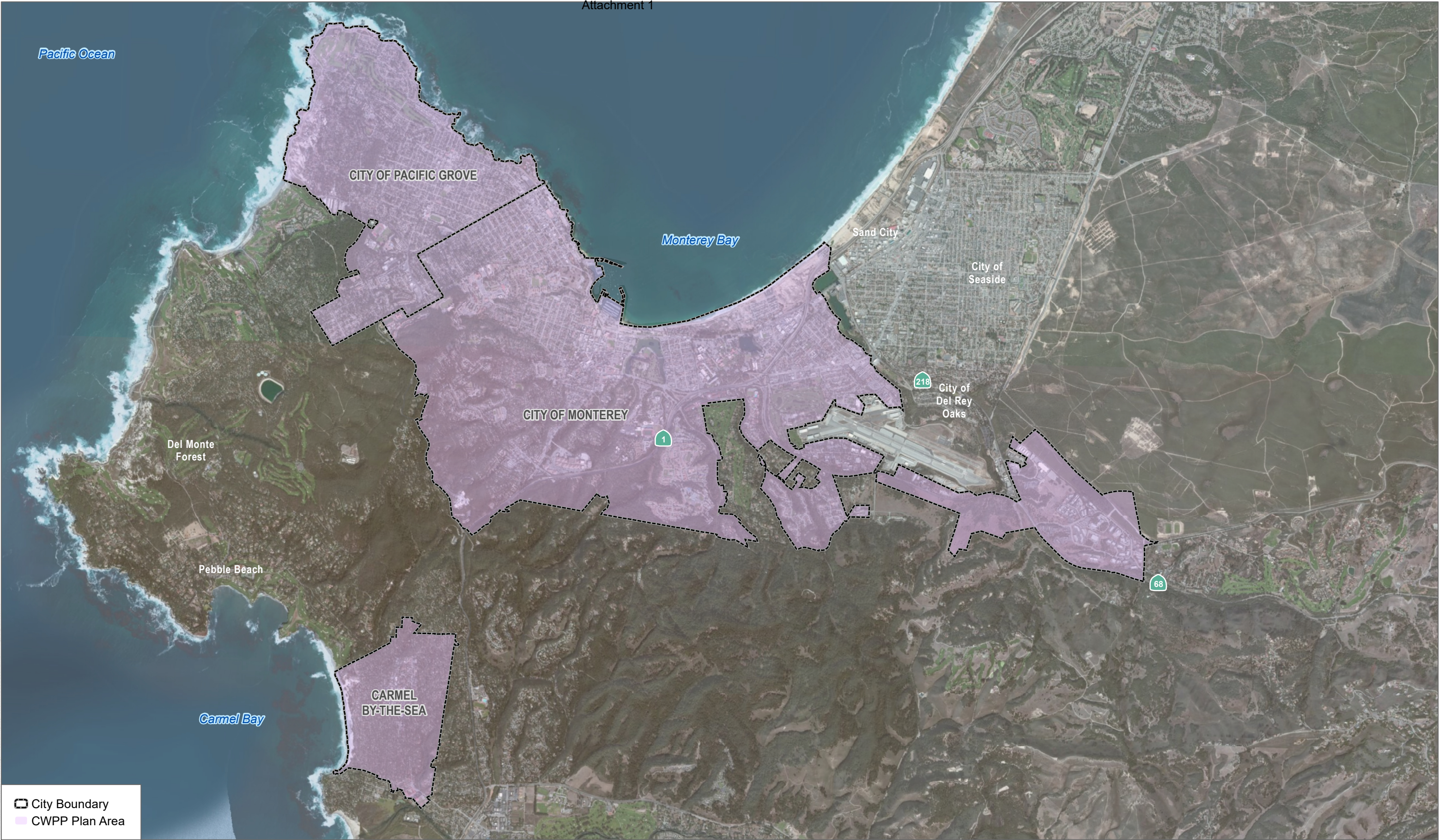
FISCAL IMPACT:

The City of Carmel's Public Safety Division contributed to funding the CWPPP.

ATTACHMENTS:

Attachment 1 - Project Area Map

Attachment 2 - Priority Vegetation Management Projects



SOURCE: Esri Clarity Basemap 2022, OpenStreetMap

FIGURE 1
Plan Area

A list of prioritized vegetation management projects is presented in Table A-1. The locations of existing fuel breaks and fuel treatment projects, and the locations of some recommended projects are provided in Figures A-1 through A-3.

Table A-1. Priority Vegetation Management Projects

Project Description	Coordinating Agencies/Entities
All Plan Area Cities	
Vegetation Management & Defensible Space	
Increase defensible space compliance in the Plan Area through engagement with property owners and through MFD inspection and enforcement efforts.	MFD, Monterey, PG, CBTS
Create and maintain defensible space around historic and community structures in the Plan Area.	MFD, Monterey, PG, CBTS
Encourage the use of prescribed herbivory across the Plan Area to reduce or maintain fuel loads.	MFD, Monterey, PG, CBTS, County Parks, State Parks
Roadside Fuels Reduction	
Conduct roadside fuels reduction along major roadways and evaluate City-identified evacuation routes for hazardous vegetation and fuels reduction needs. See Figure XX for high priority areas for roadside fuels reduction. Update this list and identified evacuation routes as local evacuation plans are developed. • Highway 1^{1, 2} • Highway 68^{1, 3} • Viejo Road • Barnet Segal Lane • Aguajito Road (portion within Monterey)¹ • Garden Road¹ • Josselyn Canyon Road • Camino Del Monte • Junipero Avenue² • Ocean Avenue² • 8th Avenue² • Olmsted Road • Monhollan Road • Congress Avenue • Skyline Forest Drive • Scenic Drive • 17 Mile Drive³ • Forest Lodge Road³ • Lighthouse Ave³ • Central Avenue³ ¹Monterey locally designated evacuation route ²Carmel-by-the-Sea locally designated evacuation route	MFD, Caltrans, Monterey County Parks, Monterey, CBTS, PG

Table A-1. Priority Vegetation Management Projects

Project Description	Coordinating Agencies/Entities
³ Pacific Grove locally designated evacuation route	
Routinely manage roadside vegetation on all public and private roads in the Plan Area to reduce ignition potential and create fire-safe evacuation and fire access corridors.	MFD, Caltrans, Monterey County Parks, Monterey, CBTS, PG, HOAs, neighborhood councils/associations
Prescribed Fire	
Evaluate the potential use of prescribed fire in the Plan Area to restore appropriate fire return intervals in fire-adapted vegetation communities.	MFD
Evaluate the potential use of prescribed fire for cultural purposes.	MFD, Native American Tribal Groups
City of Monterey	
Forest Health/Resilience	
Develop a Forest Management Plan for the La Mesa Village	MFD, Monterey, U.S. Army Garrison Presidio of Monterey
Roadside Fuels Reduction	
Pursue the creation of shaded fuel breaks along Olmsted and Monhollan Road to protect the Deer Flats and Fish Flats communities from wildfires encroaching from the south	MFD, CAL TRANS, Monterey County Parks, CAL FIRE BEU, HOAs
Vegetation Management & Defensible Space	
Conduct fuels reduction within the Huckleberry Hill Nature Preserve, including thinning, chipping, and fuel breaks (as identified in County CWPP)	MFD, Monterey, U.S. Army Garrison Presidio of Monterey
Provide input and assist with coordinating roadside and defensible space fuels reduction in La Mesa Village and explore opportunities to expand and connect treatment sites with treatment areas outside of La Mesa Village.	MFD, Monterey, U.S. Army Garrison Presidio of Monterey
Conduct fuels reduction objectives identified in City of Monterey Greenbelt Fuel Reduction Plan and explore opportunities to expand treatment areas	MFD, Monterey
Conduct fuels reduction work within the Old Capitol Site in accordance with the Old Capitol Site Forest Management Plan	MFD, Monterey
Create defensible space surrounding the Westland House of Community Hospital of the Monterey Peninsula.	MFD, Monterey, Westland House of Community Hospital of the Monterey Peninsula
City of Pacific Grove	
Forest Health/Resilience	
Conduct forest restoration projects in George Washington Park, including pine restoration to encourage Monterey pine regeneration as described in the park's Forest Management Plan	MFD, PG

Table A-1. Priority Vegetation Management Projects

Project Description	Coordinating Agencies/Entities
Vegetation Management & Defensible Space	
Create a shaded fuel break along the perimeter of the Del Monte Park neighborhood to increase defensible space and reduce community wildfire risks	MFD, PG, Pebble Beach CSD, CAL FIRE BEU
Conduct fuels reduction within the Perimeter Management Zone within George Washington Park as described in the park's Forest Management Plan	MFD, PG
Conduct fuels reduction within Rip Van Winkle Open Space	MFD, PG
City of Carmel-by-the-Sea	
Forest Health/Resilience	
Develop a Forest Management Plan for the Mission Trails Preserve with a focus on forest health and ladder fuels reduction.	MFD, CBTS, Friends of Mission Trails Nature Preserve
Vegetation Management & Defensible Space	
Collaborate with Pebble Beach to develop a fuels reduction plan for Pescadero Canyon near the boundary of CBTS	MFD, CBTS, Pebble Beach
Conduct fuels reduction within Forest Hill Park	MFD, CBTS

Notes: Caltrans = California Department of Transportation; CBTS = City of Carmel-by-the-Sea; County = County of Monterey; MFD = Monterey Fire Department; Monterey = City of Monterey; PG = City of Pacific Grove; State Parks = California Department of Parks and Recreation; USFS = United States Forest Service



CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
ORDERS OF BUSINESS

TO: Forest and Beach Commissioners

SUBMITTED BY: Mary Bilse, Environmental Programs Manager

SUBJECT: Receive a status update of the North Dunes Habitat Restoration Project (CDP 16-315) for Fiscal Years 2021-22 and 2022-23

RECOMMENDATION:

Receive a status update of the North Dunes Habitat Restoration Project (CDP 16-315) for Fiscal Years 2021-22 and 2022-23.

BACKGROUND/SUMMARY:

The North Dunes Habitat Restoration Project includes eight acres of Environmentally Sensitive Habitat Area rising from Carmel Beach to 100 feet in elevation. The North Dunes is bounded to the south by Ocean Avenue, to the east by San Antonio Avenue, and to the north by residential properties off of Fourth Avenue. The North Dunes incorporate five different habitats that are home to many native species, including two special status species: the California legless lizard (*Anniella pulchra*) and Tidestrom's lupine (*Lupinus tidestromii*).

Over many prior years, uncontrolled public access and non-native invasive species have impacted the important habitats of the North Dunes. In order to restore and protect these habitats, the City initiated the North Dunes Restoration Program in October 2016 under a five-year Coastal Development Permit (CDP 16-315) approved by the City's Planning Commission and the California Coastal Commission. In August 2021, the Planning Commission approved a five-year renewable extension to CDP 16-315 for the North Dunes Habitat Restoration Project, through September 2026.

Restoration of the North Dunes was managed by Joey Dorrell-Canepa (Native Solutions) during Fiscal Years 2016-17 through 2022-23 until the Agreement with Native Solutions expired. In July 2023, based on a qualifications-based consultant selection, Denise Duffy & Associates, Inc. (DD&A) was contracted by the City for Environmental Planning and Natural Resource Management for the North Dunes Habitat Restoration Project.

As part of their new Professional Services Agreement, DD&A prepared a Memorandum summarizing the project site's habitat restoration, maintenance, and monitoring work that was conducted by Native Solutions during Fiscal Years 2021-22 and 2022-23, and next steps proposed for the current Fiscal Year 2023-24.

The Memorandum (Attachment No.1) summarizes the maintenance and monitoring work, and outlines upcoming work and deliverables for Fiscal Year 2023-24. DD&A inspected the North Dunes and found that

overall, the restored areas are in excellent condition and exhibit a diverse assemblage of native dune scrub species. It is clear that the prior efforts by Native Solutions, volunteers and City Staff to control public access, remove invasive plants, and establish appropriate native vegetation have been successful.

At the Forest and Beach Commission Meeting, staff will provide a presentation summarizing the work completed over the past two years, focusing on metrics that demonstrate the restorative project's overall success to date, and outline work underway this Fiscal Year.

Environmental Evaluation

This action does not constitute a project within the meaning of the California Environmental Quality Act under Public Resources Code Section 21065. It has no potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, does not require environmental review.

FISCAL IMPACT:

The City budgeted \$86,560 for the North Dunes Habitat Restoration Project in Fiscal Years 2023-24 and 2024-25. The status update provided with this report falls under the current Agreement with DD&A, and therefore, there is no fiscal impact to receive this report.

ATTACHMENTS:

Attachment #1: North Dunes Habitat Restoration Project Status Update



DENISE DUFFY & ASSOCIATES, INC.
PLANNING AND ENVIRONMENTAL CONSULTING

Memorandum

Date: September 21, 2023

To: Mary Bilse, Environmental Programs Manager
City of Carmel-by-the-Sea
P.O. Box CC
Carmel-By-The-Sea, CA 93921

From: John Wandke
Senior Environmental Scientist
Denise Duffy & Associates, Inc.
jwandke@ddaplanning.com

Subject: **North Dunes Habitat Restoration Project (CDP 16-315)**
Status Update, Fiscal Year 21/22 & 22/23

BACKGROUND

During July 2023, Denise Duffy & Associates (DD&A) was contracted by the City of Carmel-by-the-Sea for environmental services to support restoration, maintenance, and monitoring/reporting of the approximately eight-acre North Dunes Habitat Restoration Site (project site). DD&A has prepared this memorandum to provide the City with a summary of habitat restoration, maintenance and monitoring work completed during FY 21/22 and FY 22/23. The project summary was prepared using available documentation provided by the City's previous consulting biologist, Joey Dorrell-Canepa (Native Solutions), who managed restoration of the North Dunes between approximately FY 16/17 and FY 22/23.

Project Status

Restoration of the project site has been ongoing since 2016 and has included initial removal and continued control of invasive non-native plants; seed collection and out planting of native dune plants; seed collection, propagation, and planting of State/Federal endangered Tidestrom's lupine under California Department of Fish & Wildlife permit; installation of protective post and cable fencing; removal of select trees for enhancement of dune habitat conditions; topping *Acacia* to a height of between six and eight feet along the seaward dune edge and removal of interior *Acacias*; as well as annual monitoring and reporting. Restoration activities and monitoring results from monitoring year 2016/2017 (Year 1) through 2020/2021 (Year 5) were summarized in the August 11, 2021 Planning Commission Staff Report.

In August 2021, the Coastal Development Permit (CDP) for the project, CDP 15-315, was renewed for an additional five years to extend between August 2021 and August 2026. Restoration work was continued during FY 21/22 and FY 22/23 by the City's contractor Native Solutions and several volunteer groups under the renewed CDP. **Figure 1** provided as **Attachment A** depicts the restoration area and indicates locations

where restoration work occurred during 2021 and 2022. The following sections provide a summary of restoration work performed during the last two fiscal years of the project.

FY 2021/22 (Year 6) Summary

Maintenance Summary

During FY 21/22 (Year 6), *Acacia* re-growth in the central dune area was cut, stump treated with glyphosate herbicide to prevent regrowth, and off hauled by City Public Works Staff and Native Solutions. A variety of other invasive non-native plants were removed and transported off site for disposal through a combination of City Public Works staff and volunteer labor. Invasive non-native plants removed by City Public Works staff totaled approximately 2,600 pounds while volunteer labor removed six cubic yards (cy) or 2,840 pounds during Year 6 (**Attachment B**). Public Works staff used an ATV and trailer to remove weeds and trash from the site over the course of four days. Volunteer groups varied in size from one to several dozen people and worked on restoration tasks at the site for a total duration of 68 hours. Non-native plant species removed included iceplant, narrow leaved iceplant, *Oxalis*, panic veldt grass, and non-native annual grasses. Weed control activities relied on manual removal methods and did not utilize spraying of herbicide. In addition, Native Solutions collected, propagated, and planted 125 native plants with the assistance of volunteers.

Monitoring Summary

Annual monitoring was completed by Native Solutions to continue to track progress towards meeting the goals of the CDP. Monitoring found that native and non-native plant cover improved from the previous year, achieving the success criteria of >50% and <15% cover, respectively (**Attachment C**). Native species diversity continues to exceed the success criterion of >30 species with 41 species identified during Year 6. However, the number of non-native species present (18 counted in Year 6) does not meet the success criterion of <15 species. Monitoring of Tidestrom's lupine during April-June of Year 6 found a total of 748 plants in two clusters, which is a decrease from the previous year when 914 Tidestrom lupine plants were counted in two clusters (**Attachment D**). Although efforts have been made to propagate and outplant Tidestrom's lupine in additional locations, the success criterion of greater than 1,000 individuals in at least 10 different clusters have not yet been met. Factors impacting the Tidestrom's lupine success include the slow growth of Tidestrom's lupine, difficulty with germination, drought, and the impacts of herbivory and trampling.

FY 2022/23 (Year 7) Summary

Maintenance Summary

During FY 22/23 (Year 7), Native Solutions continued coordination and supervision of invasive non-native plant removal with the help of volunteer groups. Volunteer labor removed 1,585 pounds of invasive non-native plants during Year 7, which consisted of panic veldt grass, *Oxalis*, chickweed, pop weed, and non-native annual grasses (**Attachment B**). Volunteers also removed *Eucalyptus* woody debris and seed pods from the area near the intersection of Ocean Avenue and San Antonio. Like Year 6, no herbicide spraying was utilized. Additionally, Native Solutions propagated and installed 25 American dune grass plantings along open sand edge areas to provide sand stabilization, as well as 10 *Dudleya* and 18 sedge plantings.

Monitoring Summary

Native Solutions performed limited monitoring during Year 7. Plant cover data was collected along six (#1, #2, #10, #13, #14, #18) of the 18 transects. The data for these six transects has not been received from Native Solutions as of the date of this memo. Monitoring of the Tidestrom's lupine populations was not performed during Year 7. These areas of incomplete or missing data will need to be identified as a data gap in the next annual monitoring report. However, Native Solutions did facilitate and assist with graduate research performed by Colby College student Aspen Workman at the project site. Ms. Workman collected plant tissue samples during late May and early June 2023 in support of her genetics research on hybrids between Tidestrom's lupine and silver bush lupine. The outcome of this work will help inform management of Tidestrom's lupine hybrids at the project site.

Upcoming Work

DD&A will perform complete annual monitoring of the plant cover transects and the Tidestrom's lupine populations during spring 2024 (Year 8). Results of Year 8 monitoring and maintenance activities will be summarized in the next annual report, along with a summary of Year 6 and 7 monitoring results and maintenance activities. The Year 8 annual report will be provided to the City by September 30, 2024. During Year 8, DD&A will also advise the City on maintenance priorities and timing within the restoration areas. Coordination of volunteer groups may continue to be performed in part by Native Solutions, the City, or another party.

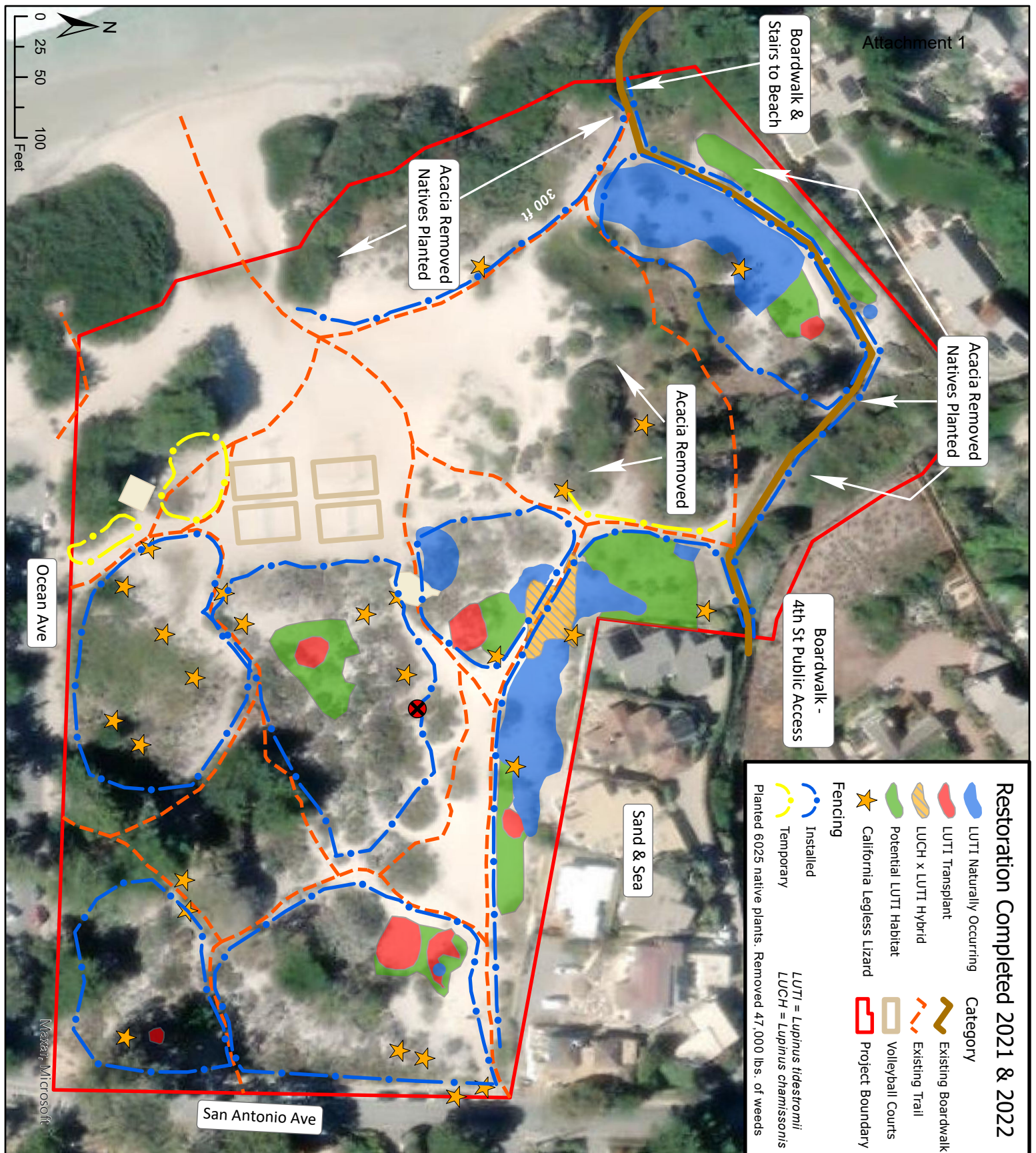
ATTACHMENTS

Attachment A – Figure 1, Restoration Completed 2021 & 2022

Attachment B – Completed Tasks to Date Under CDP 16-315

Attachment C – Percent Native and Non-Native Plant cover

Attachment D – Number of naturally occurring Tidestrom's lupine at Carmel North Dunes, 1995–2023



Native Solutions
 Joey Dorrell-Canepa
 joeydorrellcanepa@gmail.com
 Lynn Overtree, GIS Specialist
 lovertree@sbcglobal.net
 April 2023

City of Carmel: North Dunes

2022 Report (Year Six) - Figure 1

Restoration Completed 2021 & 2022

Special Status Species

Attachment B. Completed Tasks to Date Under CDP 16-315

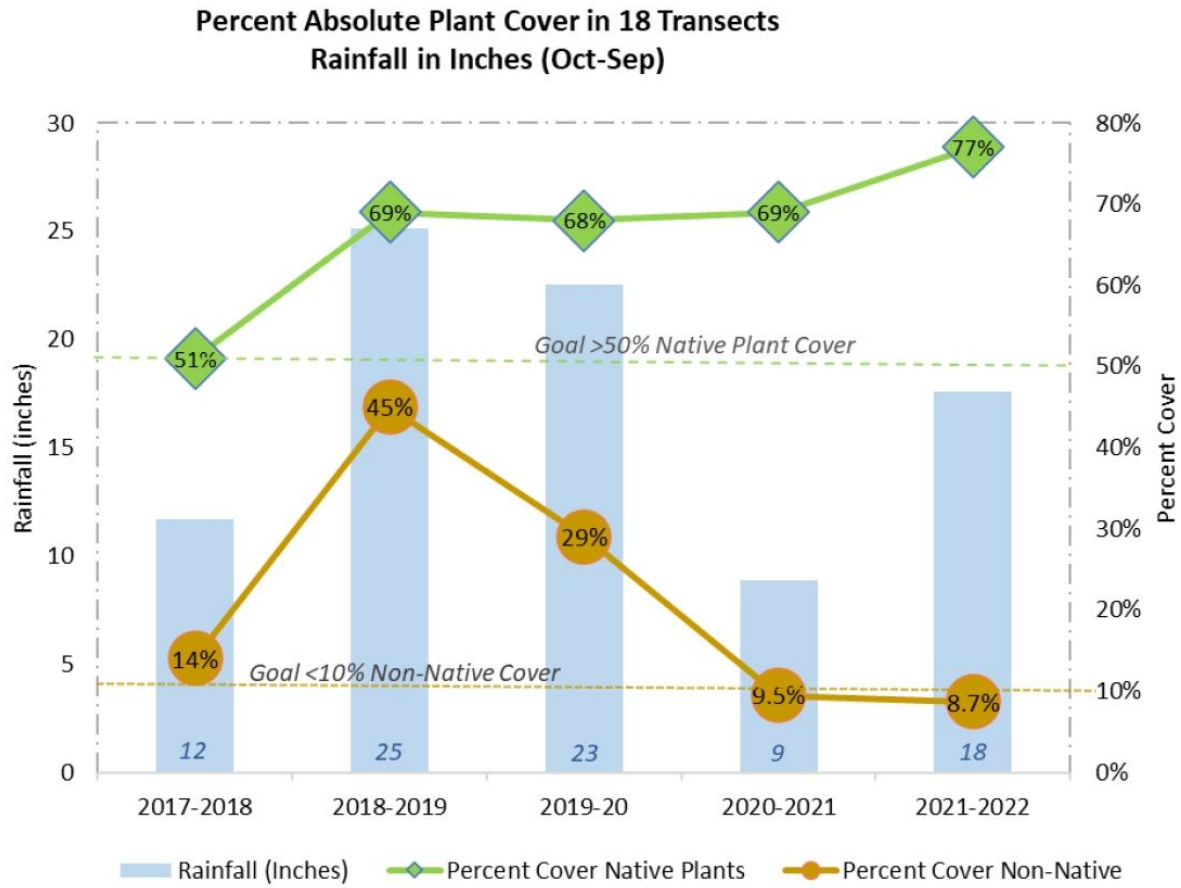
Restoration Tasks	FY 2016–2017	FY 2017–2018	FY 2018–2019	FY 2019–2020	FY 2020–2021	FY 2021–2022	FY 2022–2023
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Protective fencing installation							
Cable fencing	1,100 ft	--	1,400 ft	900 ft	300 ft	--	--
Rope/stake fencing	550 ft	--	200 ft	--	--	--	--
Weed removal—annual/perennial							
Total weed removal (lbs)	9650	9815	7190	5460	9480	5440	1585
Weed control—Native Solutions	6200	2025	2760	2160	3600	2600	--
Weed control—Hired Contractor	--	2500	--	--	--	--	--
Weed control—Volunteer total (lbs)	3450	5290	4430	3300	5880	2840	1585
<i>CbtSea Garden Club</i>	--	840	1320	1880	1760	1320	865
<i>MEarth Education Program</i>	2200	880	1040	620	--	600	600
<i>MPC Students</i>	--	--	--	--	--	--	120
<i>Student Interns</i>	--	--	--	--	--	800	--
<i>Pebble Ridge Vineyard Volunteers</i>	1250	3570	2070	800	4120	--	--
<i>Volleyball players</i>	--	--	--	--	--	120	--
Weed control—Volunteer total (hrs)	--	661	670	438	352	68	262
Iceplant removal (cubic yards)	<i>40 CY</i>	<i>58 CY</i>	<i>52 CY</i>	<i>5 CY</i>	<i>20 CY</i>	<i>3 CY</i>	--
Tree removal and pruning							
Dead tree removal	11	1	1	--	1	--	--

North Dunes Habitat Restoration
Status Update, FY 21/22 & FY 22/23

Restoration Tasks	FY 2016–2017	FY 2017–2018	FY 2018–2019	FY 2019–2020	FY 2020–2021	FY 2021–2022	FY 2022–2023
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Live tree removal	1	--	21	--	3	--	--
Stump removal/grinding	X	X	X	--	--	--	--
Acacia removal	X	1 acre	X	X	central dunes	central dunes	--
Acacia pruning	--	viewing platform	--	--	foredune bluff	--	--
Tree pruning (Cypress — Central Drainage, Reardune)	--	--	--	6 trees	--	--	--
Native plant installation							
Site- and region-specific, all sizes	1000	1900	1885	1050	65	125	53
Other tasks							
Coastal Development Permit (CDP)	Oct 2016					Aug 2021	
Volleyball court relocation		Feb 2018					

Note: Summary from *North Dunes Restoration Project Annual Report* (Native Solutions, 2022) and additional information provided by Joey Dorrell-Canepa

Attachment C. Percent Native and Non-Native Plant Cover



Note: Complete plant cover data not collected during FY 22/23

Attachment D. Number of naturally occurring Tidestrom's lupine at Carmel North Dunes, 1995–2023

Year	Seedlings <4 in <10 cm	Juvenile 4–8 in 10–20 cm	Mature reproductive 8 in+, 20 cm	Total individuals	Number of clusters	Source
1995		168	112	280	4	Jones & Stokes
2008		124	216	340	2	Jean Ferreira
2009		n/a	n/a	296	n/a	Jean Ferreira
2016	103	60	318	481	3	JD-Canepa
2017	190	95	116	401	4	JD-Canepa
2018	629	72	186	887	3	JD-Canepa
2019	1146	33	121	1300	1 of 3 clusters counted	JD-Canepa
2020	<i>No budget for surveys</i>			--	2	JD-Canepa
2021	463	235	216	914	2	JD-Canepa Laura Overett
2022	365	228	155	748	2	JD-Canepa
2023	<i>Surveys not performed</i>			--	2	JD-Canepa



CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
ORDERS OF BUSINESS

TO: Forest and Beach Commissioners

SUBMITTED BY: Mary Bilse, Environmental Programs Manager

SUBJECT: Consideration for Establishing Guidelines for Carmel Beach Cleanups and a Marine Protected Area Sign

RECOMMENDATION:

Approve guidelines for the proposed Carmel Beach Cleanup Policy in order to remove all human-sourced waste and protect natural resources and wildlife. Approve one of the two options for a Marine Protected Area (MPA) sign located in the Del Mar parking lot at the end of Ocean Avenue.

BACKGROUND/SUMMARY:

Carmel Beach Cleanup Guidelines

At the September 14, 2023 Forest and Beach Commission meeting, staff introduced guidelines for the proposed Carmel Beach Cleanup Policy. The purpose of the guidelines is to establish a consistent set of guidelines for cleaning up Carmel Beach. The September staff report, draft policy guidelines, and slide presentation is provided as **Attachment 1**. After staff's presentation, the Forest and Beach Commission and public comments expressed concern over the following key items:

Item #1: Dogs are allowed on Carmel Beach without a leash, and bacteria from dog waste is deposited on the sand, beach wrack and driftwood. Dog waste can contribute to poor water quality and affect the marine ecosystem as well as pose a risk to swimmers and other beach goers.

Staff Response: *Agree. Carmel Beach is a California Department of Fish and Wildlife Marine Protected Area where it is unlawful to injure, damage, take or possess any living, geological or cultural marine resource. The proposed Carmel Beach Cleanup Policy recommends removing all dog waste and leaving all beach wrack and driftwood on the beach to promote consistency in how beach cleanups are conducted while ensuring environmental integrity is protected. Bags for collecting dog waste and trash receptacles are provided at the beach access points and stairways.*

Item #2: Large driftwood logs have the potential to create dangerous situations and damage the beach's infrastructure (stairs and seawalls) and should be removed from the beach.

Staff Response: *The City's Public Works Department, Police Department and Fire Department responds to public safety hazards at Carmel Beach. These departments are responsible for removing hazardous materials*

(including hazardous logs) from Carmel Beach. The draft policy has been modified to reflect the removal of public safety hazards resulting from natural materials.

Item #3: Beach fires are prohibited on Carmel Beach but continue to burn illegally. This creates hazardous charcoal that is left on the beach and is dangerous for the sand and the ocean.

Staff Response: *Agree. The proposed Carmel Beach Cleanup Policy recommends removal of charcoal and burned materials from the beach. All illegal fires should be reported immediately to the Carmel Police Department.*

On May 2, 2023, the City Council adopted Urgency Ordinance #2023-004 prohibiting all wood burning fires on Carmel Beach. User-supplied propane-fueled devices are allowed year-round south of Tenth Avenue to Martin Way. The City is in the process of developing an ordinance to permanently ban wood fires; however, this is not part of the proposed Beach Cleanup Policy.

Item #4: Carmel Beach is known for its brilliant white sand beach. Concern was expressed that the color of the sand is changing from white to a mixture of darker colors.

Staff Response: *Carmel Beach's unique white sand comes from offshore rocks called Santa Lucia Granodiorite made up of quartz and other minerals. Ocean waves pound these rocks into fine sand granules that wash onto the beach. Consistently removing trash per the proposed guidelines, prohibiting fires and leaving natural ecosystems is expected to result in cleaner sand over time.*

Item #5: Concern was expressed that a large portion of Carmel Beach below the mean high tide line is regulated by the state government (California Department of Fish and Wildlife Marine Protected Area) so the City of Carmel by the Sea is losing local control of the beach.

Staff Response: *The Carmel Bay State Marine Conservation Area was established in September 2007 by the California Fish and Game Commission. It was one of 29 Marine Protected areas adopted during the first phase of the Marine Life Protection Act initiative along California's Central Coast. Staff's view is that state or local control of the beach is beyond the scope of the proposed Beach Cleanup Policy. Staff also recommends that the City develops a consistent policy for cleaning up Carmel Beach above and below the mean high tide line since the tides continuously change on the beach, and tides even fill in the coves and up to the seawalls at times.*

These comments are noted and taken into consideration as the City develops the Carmel Beach Cleanup Policy. This item was continued to the October meeting so the Commission can conduct additional review of the beach cleanup rules and regulations. After the Commission's review and approval, the policy will be brought to the City Council for final approval. Commission and public comments will be forwarded to Council as well.

The revised Carmel Beach Cleanup Policy is provided as **Attachment 2**.

Marine Protected Area (MPA) Signage

At the September 14, 2023 Forest and Beach Commission meeting, staff presented a new Marine Protected Area (MPA) sign requested by the California Marine Sanctuary Foundation (CMSF) and the MPA Collaborative Network to be installed adjacent to the Del Mar parking lot at the end of Ocean Avenue. The Commission asked the CMSF if the size of the sign and the amount of words can be reduced. Additionally, the Commission requested wood to be placed around the perimeter of the sign and for it to be mounted on a wood post. CMSF provided a sample of an alternate, smaller brown sign that was not in the packet. This item was also continued to the October Forest and Beach Commission meeting.

City staff met with representatives from the MPA Collaborative Network to discuss different options for the new sign imagery. There are two sign options (**Attachment 3**) as described below:

Option 1: Blue background, map and regulation focused, four icons, aluminum, size would be 18” by 24”, and vertical orientation.

Option 2: Brown background, two icons, aluminum, smaller size 12” by 18”, and vertical orientation.

Staff has reviewed the proposed sign options and recommends approval of either one of the two MPA signs framed with a wood border and wood post located at the end of Ocean Avenue, consistent with Del Mar Master Plan Policy 4-39. Upon approval of the proposed sign by the Forest and Beach Commission, the sign is anticipated to be installed within the next year.

Environmental Evaluation

This action does not constitute a project within the meaning of the California Environmental Quality Act under Public Resources Code Section 21065. It has no potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, does not require environmental review.

FISCAL IMPACT:

City costs associated with beach cleanup is included in the Public Works Department operating budget. There is no direct fiscal impact for the MPA sign.

ATTACHMENTS:

Attachment 1: September 14, 2023 Staff Report and Slide Presentation

Attachment 2: Carmel Beach Cleanup Policy and Guidelines

Attachment 3: MPA Sign Options 1 & 2



CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

September 14, 2023
ORDERS OF BUSINESS

TO:	Forest and Beach Commissioners
SUBMITTED BY:	Jessica Juico, Environmental Compliance Admin Tech and Mary Bilse, Environmental Programs Manager
SUBJECT:	Consideration for Establishing Guidelines for Carmel Beach Cleanups and a Marine Protected Area Sign

RECOMMENDATION:

Approve guidelines for a proposed Carmel Beach Cleanup Policy in order to remove all human-sourced waste and to protect natural resources and wildlife. Approve one Marine Protected Area (MPA) sign located in the Del Mar parking lot at the end of Ocean Avenue.

BACKGROUND/SUMMARY:

The purpose of establishing beach cleanup guidelines and installing a new Marine Protected Area (MPA) sign is to increase public awareness on the important role that Carmel Beach and its natural resources serve, and to promote consistency in how beach cleanups are conducted while ensuring its environmental integrity is protected.

Carmel Beach Cleanup Guidelines

The Monterey Bay National Marine Sanctuary (MBNMS) covers over 6,000 square miles, stretching from Marin to Cambria, and includes the average high tide on the shore and as far as 53 miles offshore. This federally-protected area contains rich species and ecosystem diversity which offers many cultural, economic, ecological, and recreational benefits.

Carmel Beach lies entirely within the MBNMS as well as the Carmel Bay State Marine Conservation Area (SMCA) and the Carmel Bay Area of Special Biological Significance (ASBS). These designations further protect these natural areas with federal and state regulations enforced by the National Oceanic and Atmospheric Administration (NOAA), California Department of Fish and Wildlife (CDFW), and the State Water Resources Control Board (SWRCB). Therefore, care and maintenance of Carmel Beach is critical to its long-term health and viability, and directly affects the many benefits it provides.

The California Coastal Act (CCA) finds and declares that the beach, as part of the coastal zone: “is a distinct and valuable natural resource of vital and enduring interest to all the people and exists as a delicately balanced ecosystem” (CCA 30001 a); and that “to promote the public safety, health and welfare, and to protect public and private property, wildlife, marine fisheries, and other ocean resources, and the natural environment, it is necessary to protect the ecological balance of the coastal zone and prevent its deterioration and destruction (CCA 30001, c). To do so, the legislature finds and declares that the basic goals of the State for the coastal zone, which Carmel Beach lies within, are to “protect, maintain, and where feasible, enhance and restore the overall quality of the coastal zone environment and its natural and artificial resources” (CCA 30001.5, a); and “assure orderly, balanced utilization and conservation of coastal zone resources taking into account the social and economic needs of the people of the state” (CCA 30001.5, b).

The City’s Coastal Access and Recreation Element of its General Plan has a Policy (4-23) that restricts the removal of driftwood logs that can provide seating, stating “Do not install formal picnic tables or benches. Rather, provide driftwood logs for seating. Picnicking on the beach should be conducted in a traditional manner with blankets, etc. (LUP).” The General Plan does not address smaller-sized driftwood. The City’s Zoning Code (17.20.200.I.) includes a rule on the Disturbance of Natural Resources. This Code prohibits digging and removing beach sand (with the exception of recreational activities such as sand castle building or similar sand structures utilizing natural resources found on the beach, as well as activities related to the City’s sand movement program described in the Shoreline Management Plan).

The purpose of establishing a new policy is to clarify what can be removed from the beach and what natural resources and wildlife need to remain on Carmel Beach. The policy as drafted prohibits the removal of kelp, seaweed, driftwood of all sizes, and more.

Furthermore, the new policy will support the City's Climate Action and Adaptation Plans by addressing Adaptation Goal Number 2: "a natural environment resilient to climate hazards." The Vulnerability Assessment that was conducted to support these plans identifies Carmel Beach as a Priority Natural Asset that is already experiencing observable impacts from stronger storms and is threatened by sea level rise. Enforcing protections on natural resources found within these identified natural assets, such as Carmel Beach, is therefore of utmost importance.

The subject of leaving beach wrack (the scientific term for washed up kelp, seaweed, seagrasses, driftwood, and other organic coastal materials) on the beach has come up in recent discussions with residents in the City similar to many other California coastal communities. Concerns often revolve around the "aesthetic" of the beach wrack and its need to be removed; the kelp flies and concern regarding "health hazards;" and overall annoyance with the flies' presence.

Public education and outreach on the aforementioned health hazard concerns is also prudent. Kelp flies, beach hoppers, isopods, and most other macrofauna found within wrack do not pose health risks to humans, while other anthropogenic items that can be found on a beach, like dog waste, litter, and cigarette butts do. This policy outlines items that should or should not be removed during a Carmel Beach cleanup with consideration of health hazards and conserving beach health. Upon City Council approval of this Policy, outreach will likely include posting on the City website, sharing in Friday Letters, and publishing in the Carmel Pine Cone.

Studies have shown that beach grooming activities like wrack removal can have a negative impact on beach and shoreline ecology by eliminating important ecological services. Beach wrack serves as a major source of food and shelter for various macrofauna like kelp flies and beach hoppers, which in turn supports several shorebird species like the endangered Western snowy plover. It also supplies its environment with essential nutrients for other plants and promotes the dune formation needed to help protect coasts from strong storm events. These ecological services are proof of how essential beach wrack is for the biodiversity, health, and services of Carmel Beach.

Staff has proposed a Beach Cleanup Policy (Attachment #1) with supporting guidelines on what should be removed and what must be left alone on Carmel Beach, as exhibited in Attachment #2. These guidelines were also reviewed by the Community Planning and Building Department. Comments from Forest and Beach Commissioners and from the public are encouraged and may be incorporated into the final draft Policy for City Council consideration.

Unless or until the City-adopted Policy becomes part of the Carmel Municipal Code, enforcement will be in the form of warnings. However, City contractors, volunteer support groups, and City staff must abide by all City policies.

Marine Protected Area (MPA) Signage

The California Marine Sanctuary Foundation (CMSF) and the Marine Protected Area (MPA) Collaborative Network is proposing to place a new MPA sign on a post located adjacent to the Del Mar parking lot and Carmel Beach at the foot of Ocean Avenue. The sign will be made of aluminum and its size will be 18" by 24" (432 sf). A mockup of the MPA sign is depicted in Attachment #3.

CMSF and MPA Collaborative Network have been working with stakeholders over the past 5 years to identify where signs have gone missing or where new signs are needed to address marine protected area compliance concerns (i.e. areas of high visitation or where poaching has been known to occur). Through enforcement training, compliance forums, collaborative meetings, and a newly developed crowdsourced sign inventory using Survey 123, CMSF and MPA Collaborative Network have been gathering input from community members and allied agency staff. This work is funded by the Ocean Protection Council and completed in partnership with the California Department of Fish and Wildlife.

The City's Del Mar Master Plan identifies the Forest and Beach Commission as the decision-making body on signage in the Del Mar area. The Del Mar Master Plan identifies H. Signage Policy 4-39 "Use trash containers as a location for educational and regulatory signs."

Staff has reviewed the proposed sign and recommends approval of the MPA sign located at the end of Ocean Avenue, consistent with Del Mar Master Plan Policy 4-39. Upon approval of the proposed sign by the Forest and Beach Commission, the sign is anticipated to be installed within the next year.

Environmental Evaluation

This action does not constitute a project within the meaning of the California Environmental Quality Act under Public Resources Code Section 21065. It has no potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, does not require environmental review.

FISCAL IMPACT:

No direct fiscal impact for the guidelines or MPA sign.

ATTACHMENTS:

Attachment #1 - Carmel Beach Cleanup Policy Draft
Attachment #2 - Carmel Beach Cleanup Guidelines

**CITY OF CARMEL-BY-THE-SEA
POLICY AND PROCEDURE**

Subject: Guidelines for Carmel Beach Cleanup Operations	Policy/Procedure No: 2023-__
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Effective Date: October __, 2023	Authority: Resolution No. 2023-XX
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Purpose:

To provide guidelines for Carmel Beach cleanups in order to remove all human-sourced waste and to protect natural resources and wildlife.

Policy/Procedure:

Carmel Beach lies within the Monterey Bay National Marine Sanctuary (MBNMS), a federally-protected area that contains rich species and ecosystem diversity that offers many cultural, economic, ecological, and recreational benefits. Carmel Beach is also within the Carmel Bay State Marine Conservation Area and the Carmel Bay Area of Special Biological Significance. These designations further protect these natural areas with regulations enforced by the National Oceanic and Atmospheric Administration, the California Department of Fish and Wildlife, the State Water Resources Control Board, and the City of Carmel.

Attached is a list of materials that should be removed from Carmel Beach, which further specifies items that should be recycled, disposed of in the trash, or treated as hazardous waste. In addition, this list specifies natural items that must be left alone. The attachment also provides the steps to follow if you come across a live or deceased wild animal. Finally, the table identifies examples of valuables for lost and found items to be provided to the Police Department.

Responsible Party:

Public Works Director

Department of Origin:

Public Works

Revision Dates:

Rescinded Date:

Carmel Beach Cleanup Guidelines

Below is a list of materials that should be removed from Carmel Beach, as well as items that must be left alone. The Monterey Bay National Marine Sanctuary (MBNMS) is a federally-protected area that contains rich species and ecosystem diversity that offers many cultural, economic, ecological, and recreational benefits. Carmel Beach lies within the MBNMS as well as the Carmel Bay State Marine Conservation Area and the Carmel Bay Area of Special Biological Significance. These designations further protect these natural areas with regulations enforced by the National Oceanic and Atmospheric Administration, California Department of Fish and Wildlife, the State Water Resources Control Board, and the City of Carmel.

Carmel Beach List of Items to Remove/Leave on the Beach			
REMOVE		LEAVE	
Remove all human-sourced waste, including but not limited to:		Leave all naturally occurring material on the beach, including but not limited to:	
TRASH	Balloons	NATURAL MATERIALS	Algae
	Burned firewood and charcoal		Coral, reef
	Cigarette butts (or recycle)		Cultural, archaeological, & historical items
	Construction debris, wood and nails		Natural Driftwood of ALL sizes
	Dog waste/dog waste bags		Feathers
	Fishing items (lines, nets, hooks, etc.)		Ocean water
	Food (discard in organics bin if available)		Rocks*
	Food wrappers and packaging		Sand*
	Pet supplies		Seaweed/Kelp/Eelgrass*
	Plastic bags, straws, and foodware (Plastic # 3, 4, 6, 7)		Shells
	Rope		Wildlife including sand crabs, hermit crabs, and other invertebrates; mammals; birds, nests, and eggs; fish; amphibians; and reptiles**
	Styrofoam		
	Toys (buckets, shovels, balls, etc.)		
RECYCLING	Aluminum and metal containers	HAZARDOUS WASTE***	Batteries
	Clean paper and cardboard		Electronic Waste
	Glass bottles and jars		Pressure treated wood
	Plastic bottles, caps, containers (Plastic # 1, 2, 5)		Propane Tanks
			Syringes
* Unless authorized permits are granted for scientific collecting. ** Do not remove any wildlife, including terrestrial and marine plants and macroalgae (kelp), and living or non-living animals such as fish, marine mammals, invertebrates, reptiles, sea turtles, or birds. *** Hazardous waste can be dropped off at ReGen Monterey in Marina, contact 831-264-6386			

Carmel Beach Cleanup Guidelines

Steps to Follow if You Come Across a Live or Deceased Bird, Seal, Sea Lion, Sea Otter, Dolphin, or Whale

Determine if the animal is truly stranded while maintaining a distance of at least 150 feet away from the animal

Call the respective organization according to the table. Provide them with the following information to the best of your knowledge:

- a. Species or description of the animal
- b. Location (GPS, regional descriptions, landmarks, etc.)
- c. Date and time the animal was last seen
- d. Approximate size of the animal
- e. Condition of the animal (alive, dead, wounded, entangled, etc.)
- f. Human interactions? (evidence of ship strike, entanglement, shooting, etc.)
- g. Your name and contact information

Ensure you and others around you (including dogs) stay at least 150 feet away from the animal, and that all bystanders remain as quiet as possible.

Animal	Organization	Phone Number
Bird – Alive or Deceased	Monterey County SPCA	831-264-5427
Cetacean (Whale, Dolphin) – Alive or Deceased	Marine Mammal Stranding Network	Office: 562-980-3230 Mobile: 562-506-4315
Pinniped (Seal, Sea Lion) – Alive	Marine Mammal Center	831-633-6295
Pinniped – Deceased	City of Carmel-by-the-Sea Public Works Department	831-620-2070
Sea Otter – Alive or Deceased	Monterey Bay Aquarium	831-648-4840

Lost and Found Items Should Be Delivered to the Carmel Police Department Phone Number: 831-624-6403 Location: SE Junipero and Fourth Avenue

Examples of items to be turned in to the 'Lost and Found':

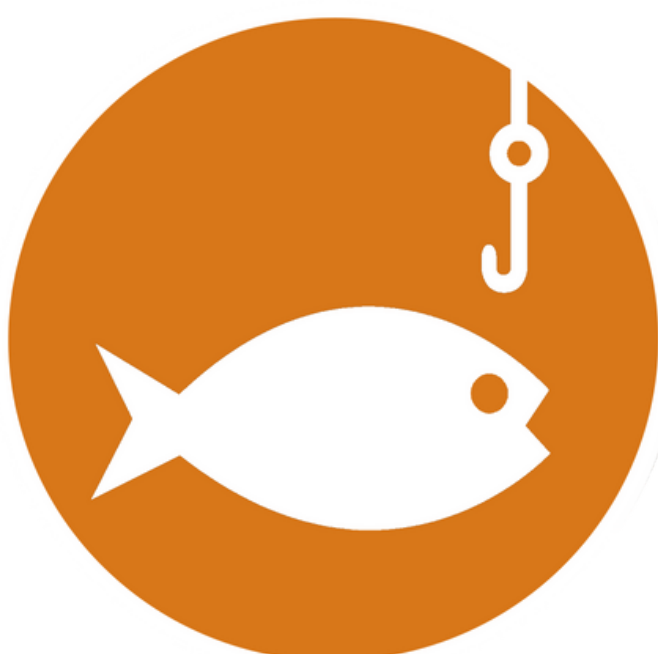
- Cell phones
- Jewelry
- Wallets
- Keys
- Other valuable lost items

MARINE PROTECTED AREA

Carmel Bay State Marine Conservation Area



No Collecting



Fishing
(See Regulations)



Non-Consumptive
Activities



Regulations

Carmel Bay State Marine Conservation Area (SMCA)

It is unlawful to injure, damage, take, or possess any living, geological, or cultural marine resource for commercial and/or recreational purposes, with the following specified exceptions:

- a. The recreational take of finfish* is allowed.
- b. The commercial take of giant kelp (*Macrocystis pyrifera*) and bull kelp (*Nereocystis* spp.) by hand is allowed under the following conditions: A kelp harvester with a valid license issued pursuant to Section 165 may take no more than 44 tons of kelp from the portion of Administrative Kelp Bed 219 within the Carmel Bay SMCA in any calendar month. Duplicate landing records must be kept on board the harvest vessel in accordance with the requirements of Section 165.

Definitions

Take [FGC 86, CCR T14 1.80]

"Take" means hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill.

Coastal Pelagic Species [CCR T14 1.39]

"Coastal pelagic species", as defined for purposes of MPA regulations, include the following: northern anchovy (*Engraulis mordax*), Pacific sardine (*Sardinops sagax*), Pacific mackerel (*Scomber japonicus*), jack mackerel (*Trachurus symmetricus*), market squid (*Doryteuthis (Loligo) opalescens*).

MPA Information

For detailed information on regulations, boundaries, coordinates, and definitions, visit wildlife.ca.gov/MPAs



Reporting Violations

Call CalTIP: 1(888) 334-2258
Or text 847411 - begin message with 'Caltip' followed by details.

Mixed Content

Content included will vary by installation site, but will focus on topics relevant to the site and common uses.

- May include:
- Tribal Information
 - Interpretive Info
 - Natural History
 - Fishing Info





CITY OF CARMEL-BY-THE-SEA

Support establishing guidelines for
Carmel Beach Cleanups and adding
a new Marine Protected Area sign

Forest & Beach Commission Meeting
September 14, 2023



BACKGROUND

Carmel Beach

Protections

- NOAA: Monterey Bay National Marine Sanctuary (MBNMS)
- CDFW: Carmel Bay State Marine Conservation Area (SMCA), a Marine Protected Area (MPA)
- SWRCB: Carmel Bay Area of Special Biological Significance (ASBS)

Benefits

- Cultural, economic, recreational
- Ecosystem services – human benefit from natural processes like clean air & water, pollination, flood control, etc



BACKGROUND

California Coastal Act (CCA)

- Identifies the beach as part of the coastal zone
- Declares coastal zone as a “distinct and valuable natural resource” whose protection is necessary to protect its ecological balance
- Basic goals of the State for the coastal zone: “protect, maintain, and where feasible, enhance and restore the overall quality of the coastal zone environment and its natural and artificial resources.”
- Finds that “an educated and informed citizenry is essential to the well-being of a participatory democracy and is necessary to protect California’s finite natural resources”

Reference: The California Coastal Act, Section 30001. (1976). <https://www.coastal.ca.gov/coastact.pdf>



BACKGROUND

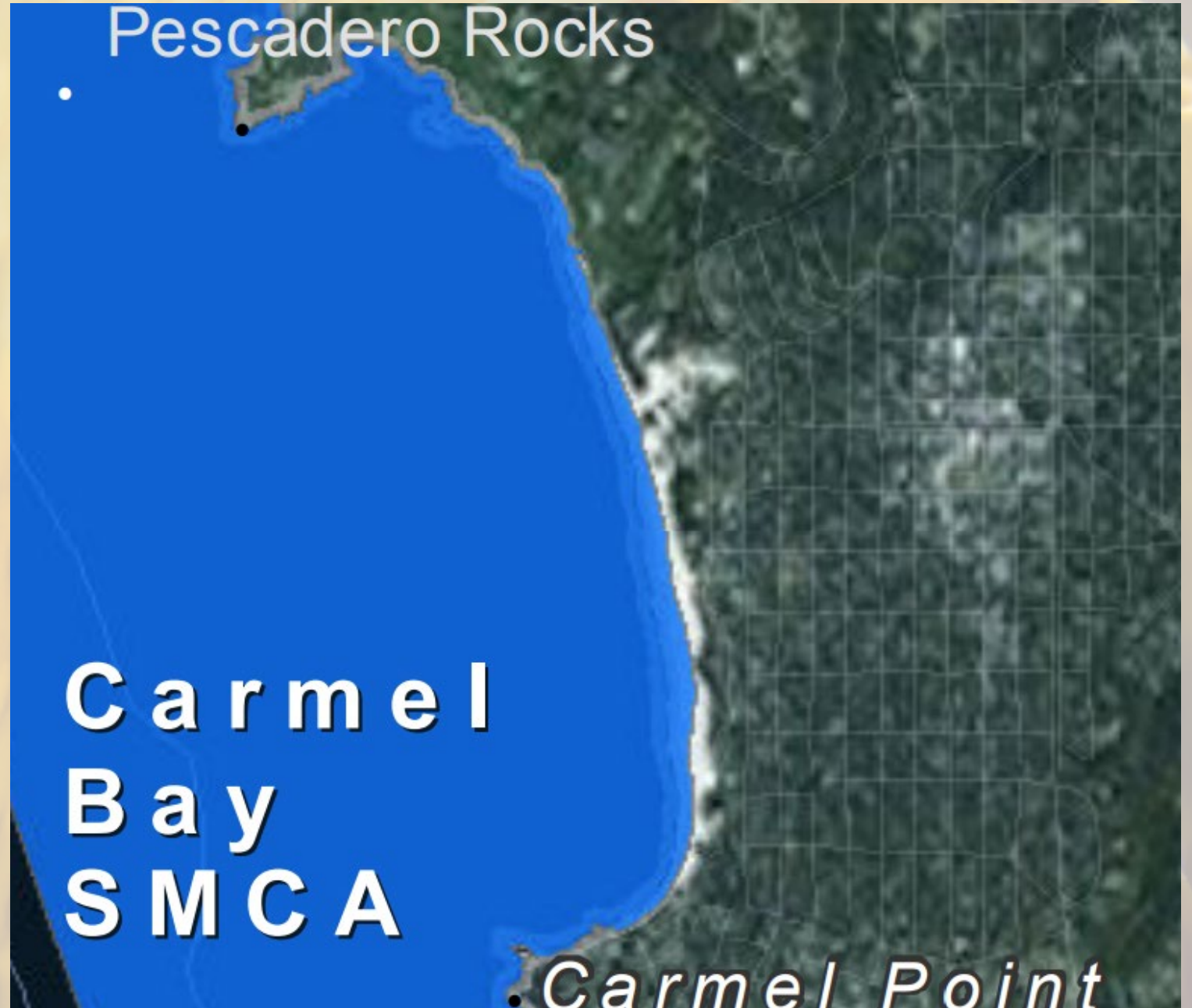
CDFW Carmel Bay State Marine Conservation Area

- It is unlawful to injure, damage, take, or possess any living, geological, or cultural marine resource (Except finfish)
- Nothing natural can be taken below the mean high tide line. All driftwood and beach wrack (seaweed, rocks, shells, etc) below the mean high tide cannot be taken.
- Anything above the mean high tide is the jurisdiction of the City of Carmel-by-the-Sea.

Reference: California Department of Fish and Wildlife. (n.d.). Carmel Bay State Marine Conservation Area.

<https://wildlife.ca.gov/Conservation/Marine/MPAs/Carmel-Bay#57557689-natural-history>

Carmel
Beach
Mean
High
Tide
Line





BACKGROUND

Current City Regulations

General Plan, Coastal Access and Recreation Element, Policy 4-23

- Restricts the removal of driftwood that can be used for seating
- Does not address smaller-sized driftwood

Zoning Code 17.20.200.I, Disturbance of Natural Resources

- Prohibits digging/removal of beach sand (outside of recreational activities)
- Does not explicitly address other natural resources found on coastal zone



NEW POLICY

Guidelines for Carmel Beach Cleanup Operations

- Carmel Beach Cleanup Guidelines
- Steps to follow if you come across a live or deceased wild animal
- Reporting lost item
- City contractors, volunteer support groups, and City staff must abide by all City policies

Enforcement

- Until the City-adopted Policy becomes part of the Carmel Municipal Code, enforcement will be in the form of warnings.
- For the area below the mean high tide, violations can be reported to the Cal Tip hotline and enforced by the CDFW Warden

Carmel Beach List of Items to Remove/Leave on the Beach			
REMOVE		LEAVE	
Remove all human-sourced waste, including but not limited to:		Leave all naturally occurring material on the beach, including but not limited to:	
TRASH	Balloons	NATURAL MATERIALS	Algae
	Burned firewood and charcoal		Coral, reef
	Cigarette butts (or recycle)		Cultural, archaeological, & historical items
	Construction debris, wood and nails		Natural Driftwood of ALL sizes
	Dog waste/dog waste bags		Feathers
	Fishing items (lines, nets, hooks, etc.)		Ocean water
	Food (discard in organics bin if available)		Rocks*
	Food wrappers and packaging		Sand*
	Pet supplies		Seaweed/Kelp/Eelgrass*
	Plastic bags, straws, and foodware (Plastic # 3, 4, 6, 7)		Shells
	Rope		Wildlife including sand crabs, hermit crabs, and other invertebrates; mammals; birds, nests, and eggs; fish; amphibians; and reptiles**
	Styrofoam		
Toys (buckets, shovels, balls, etc.)			
RECYCLING	Aluminum and metal containers	HAZARDOUS WASTE***	Batteries
	Clean paper and cardboard		Electronic Waste
	Glass bottles and jars		Pressure treated wood
	Plastic bottles, caps, containers (Plastic # 1, 2, 5)		Propane Tanks
	Syringes		
* Unless authorized permits are granted for scientific collecting. ** Do <u>not</u> remove any wildlife, including terrestrial and marine plants and macroalgae (kelp), and living or non-living animals such as fish, marine mammals, invertebrates, reptiles, sea turtles, or birds. *** Hazardous waste can be dropped off at ReGen Monterey in Marina, contact 831-264-6386			

Steps to Follow if You Come Across a Live or Deceased Bird, Seal, Sea Lion, Sea Otter, Dolphin, or Whale

Determine if the animal is truly stranded while maintaining a distance of at least 150 feet away from the animal

Call the respective organization according to the table. Provide them with the following information to the best of your knowledge:

- Species or description of the animal
- Location (GPS, regional descriptions, landmarks, etc.)
- Date and time the animal was last seen
- Approximate size of the animal
- Condition of the animal (alive, dead, wounded, entangled, etc.)
- Human interactions? (evidence of ship strike, entanglement, shooting, etc.)
- Your name and contact information

Ensure you and others around you (including dogs) stay at least 150 feet away from the animal, and that all bystanders remain as quiet as possible.

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Phone Number: 831-624-6403
Location: SE Junipero and Fourth Avenue**

Examples of items to be turned in to the 'Lost and Found':

- Cell phones
- Jewelry
- Wallets
- Keys
- Other valuable lost items



BEACH WRACK

What is wrack?

- Scientific term for washed up kelp, seaweed, seagrasses, driftwood, and other organic coastal materials

Why is it important?

- Source of food and shelter for many organisms
- Releases essential nutrients for various plants
- Promotes dune formation and sand retention
 - Important in protecting coastal communities from storms and flooding

References: Maynard, C. (2023, July 14). Wrackcycling: Using nature to build stronger dune systems. US Army Corps of Engineers. <https://www.usace.army.mil/Media/News/NewsSearch/Article/3458856/wrackcycling-using-nature-to-build-stronger-dune-systems/>

Surfrider Foundation. (2015, June 8). Beach grooming. Beachapedia. https://beachapedia.org/Beach_Grooming

The Regents of the University of California. (n.d.). Wrack community. Explore beaches.

<https://explorebeaches.msi.ucsb.edu/sandy-beach-life/wrack-community>



NEW MPA SIGN

Marine Protected Areas (MPA) Signage Improvement Project

WHO?

- California Marine Sanctuary Foundation, Marine Protected Area Collaborative Network, Ocean Protection Council, CA Department of Fish and Wildlife



WHAT?

- 18" x 24", black coated aluminum post

WHERE?

- End of Ocean Avenue, Del Mar parking lot

WHY?

- Improve MPA compliance, increase public awareness and stewardship

WHEN?

- Within the next year

MARINE PROTECTED AREA

Carmel Bay State Marine Conservation Area



No Collecting



Fishing
(See Regulations)



Non-Consumptive
Activities



Carmel Bay State Marine
Conservation Area
(Take Restrictions Apply)

Regulations

Carmel Bay State Marine Conservation Area (SMCA)

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Mixed Content

Content Included will vary by installation site, but will focus on topics relevant to the site and common uses.

May include:

- Tribal Information
- Interpretive Info
- Natural History
- Fishing Info





THANK YOU!

Questions?

References:

- The California Coastal Act, Section 30001. (1976). <https://www.coastal.ca.gov/coastact.pdf>
- California Department of Fish and Wildlife. (n.d.). Carmel Bay State Marine Conservation Area. <https://wildlife.ca.gov/Conservation/Marine/MPAs/Carmel-Bay#57557689-natural-history>
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**CITY OF CARMEL-BY-THE-SEA
POLICY AND PROCEDURE**

Subject: Guidelines for Carmel Beach Cleanup Operations	Policy/Procedure No: 2023-__
--	-------------------------------------

Effective Date: October __, 2023	Authority: Resolution No. 2023-XX
---	--

Purpose:

To provide guidelines for Carmel Beach cleanups in order to remove all human-sourced waste and to protect natural resources and wildlife.

Policy/Procedure:

Carmel Beach lies within the Monterey Bay National Marine Sanctuary (MBNMS), a federally-protected area that contains rich species and ecosystem diversity that offers many cultural, economic, ecological, and recreational benefits. Carmel Beach is also within the Carmel Bay State Marine Conservation Area and the Carmel Bay Area of Special Biological Significance. These designations further protect these natural areas with regulations enforced by the National Oceanic and Atmospheric Administration, the California Department of Fish and Wildlife, the State Water Resources Control Board, and the City of Carmel.

Attached is a list of materials that should be removed from Carmel Beach, which further specifies items that should be recycled, disposed of in the trash, or treated as hazardous waste. In addition, this list specifies natural items that must be left alone. In the event any natural material poses a safety concern, such as large logs during a storm event, the Public Works, Police, and Fire Departments may remove the material. The attachment also provides the steps to follow if you come across a live or deceased wild animal. Finally, the table identifies examples of valuables for lost and found items to be provided to the Police Department.

Responsible Party:

Public Works Director

Department of Origin:

Public Works

Revision Dates:

Rescinded Date:

Carmel Beach Cleanup Guidelines

Attachment 2

The Monterey Bay National Marine Sanctuary (MBNMS) is a federally-protected area that contains rich species and ecosystem diversity that offers many cultural, economic, ecological, and recreational benefits. Carmel Beach lies within the MBNMS as well as the Carmel Bay State Marine Conservation Area and the Carmel Bay Area of Special Biological Significance. These designations further protect these natural areas with regulations enforced by the National Oceanic and Atmospheric Administration, California Department of Fish and Wildlife, the State Water Resources Control Board, and the City of Carmel. Below is a list of materials that should be removed from Carmel Beach, as well as items that must be left alone.

Carmel Beach List of Items to Remove/Leave on the Beach					
REMOVE				LEAVE	
Remove all human-sourced waste, including but not limited to:				Leave all naturally occurring material on the beach, including but not limited to:	
TRASH	Balloons	RECYCLING	Aluminum and metal cans and containers	NATURAL MATERIALS	Algae
	Burned firewood and charcoal				Coral, reef
	Cigarette butts		Clean paper and cardboard		Cultural, archaeological, and historical items
	Construction debris, wood, and nails		Glass bottles and jars		Natural driftwood of ALL sizes****
	Dog waste/dog waste bags		Plastic bottles, caps, containers (Plastic # 1, 2, 5)		Feathers
	Old clothes, shoes, and other textiles				Ocean water
	Fishing items (lines, nets, hooks, etc.)				Rocks*
	Food (discard in organics bin if available)	HAZARDOUS WASTE***	Batteries		Sand*
	Food wrappers and packaging		Electronic waste		Seaweed/Kelp/Eelgrass*
	Plastic bags, straws, and foodware (Plastic # 3, 4, 6, 7)		Pressure treated wood		Shells
	Rope		Propane tanks		Wildlife including sand crabs, hermit crabs, and other invertebrates; mammals; birds, nests, and eggs; fish; amphibians; and reptiles**
	Styrofoam		Syringes		
	Toys (buckets, shovels, balls, etc.)		Aerosol cans		
			Drugs or other medical substances		

* Unless authorized permits are granted for scientific collecting.

** Do **not** remove any wildlife, including terrestrial and marine plants and macroalgae (kelp), and living or non-living animals such as fish, marine mammals, invertebrates, reptiles, sea turtles, or birds.

*** Hazardous waste can be dropped off at ReGen Monterey in Marina; Call 831-264-6386

**** In the event any natural material poses a safety concern, such as large logs during a storm event, the Public Works, Police, and Fire Departments may remove the material.

Carmel Beach Cleanup Guidelines

Attachment 2

Steps to Follow if You Come Across a Live or Deceased Bird, Seal, Sea Lion, Sea Otter, Dolphin, or Whale

Determine if the animal is truly stranded while maintaining a distance of at least 150 feet away from the animal.

Call the respective organization according to the table. Provide them with the following information to the best of your knowledge:

- a. Species or description of the animal
- b. Location (GPS, regional descriptions, landmarks, etc.)
- c. Date and time the animal was last seen
- d. Approximate size of the animal
- e. Condition of the animal (alive, dead, wounded, entangled, etc.)
- f. Human interactions? (evidence of ship strike, entanglement, shooting, etc.)
- g. Your name and contact information

Ensure you and others around you (including dogs) stay at least 150 feet away from the animal, and that all bystanders remain as quiet as possible.

Animal	Organization	Contact
Bird – Alive	SPCA Monterey County	831-373-2631
Bird – Deceased, banded/tagged	US Fish and Wildlife Service	www.reportband.gov
Bird – Deceased, not banded/tagged	City of Carmel-by-the-Sea Public Works	831-620-2070
Cetacean (Whale, Dolphin) – Alive	Marine Mammal Center, or Marine Life Studies	415-289-7325; 831-901-3833
Cetacean – Deceased	Moss Landing Marine Laboratories	831-771-4422
Pinniped (Seal, Sea Lion) – Alive	Marine Mammal Center	415-289-7325
Pinniped – Deceased	City of Carmel-by-the-Sea Public Works, or Moss Landing Marine Laboratories	831-620-2070; 831-771-4422
Sea Otter – Alive or Deceased	Monterey Bay Aquarium	831-648-4840

Lost and Found Items Should Be Delivered to the Carmel Police Department

Phone Number: 831-624-6403

Location: SE Junipero Street and Fourth Avenue

Examples of items to be turned in to the Lost and Found:

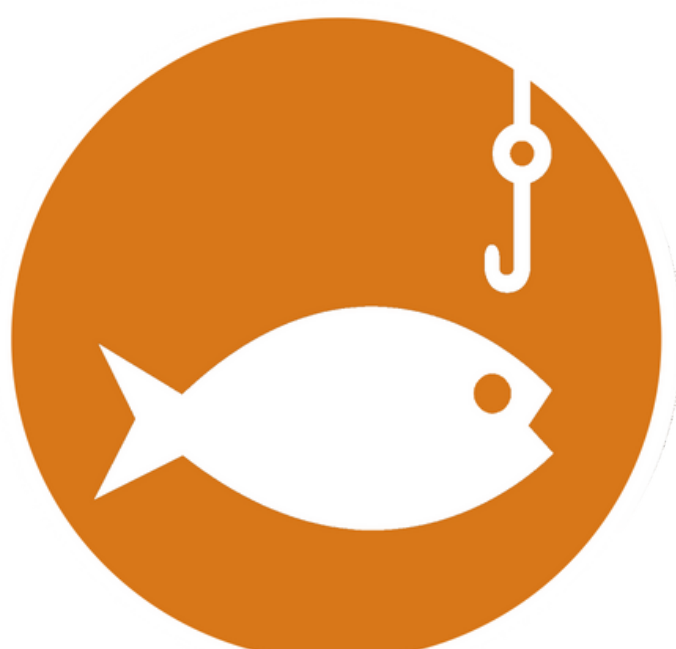
- a. Cell phones
- b. Jewelry
- c. Wallets
- d. Keys
- e. Other valuable lost items

MARINE PROTECTED AREA

Carmel Bay State Marine Conservation Area



No Collecting



Fishing
(See Regulations)



**Non-Consumptive
Activities**



Carmel Bay State Marine Conservation Area

(Take Restrictions Apply)

Regulations

Carmel Bay State Marine Conservation Area (SMCA)

It is unlawful to injure, damage, take, or possess any living, geological, or cultural marine resource for commercial and/or recreational purposes, with the following specified exceptions:

- The recreational take of finfish* is allowed.
- The commercial take of giant kelp (*Macrocystis pyrifera*) and bull kelp (*Nereocystis* spp.) by hand is allowed under the following conditions: A kelp harvester with a valid license issued pursuant to Section 165 may take no more than 44 tons of kelp from the portion of Administrative Kelp Bed 219 within the Carmel Bay SMCA in any calendar month. Duplicate landing records must be kept on board the harvest vessel in accordance with the requirements of Section 165.

Definitions

Take [FGC 86, CCR T14 1.80]

"Take" means hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill.

Coastal Pelagic Species [CCR T14 1.39]

"Coastal pelagic species", as defined for purposes of MPA regulations, include the following: northern anchovy (*Engraulis mordax*), Pacific sardine (*Sardinops sagax*), Pacific mackerel (*Scomber japonicus*), jack mackerel (*Trachurus symmetricus*), market squid (*Doryteuthis (Loligo) opalescens*).

MPA Information

For detailed information on regulations, boundaries, coordinates, and definitions, visit wildlife.ca.gov/MPAs



Reporting Violations

Call CalTIP: 1(888) 334-2258

Or text 847411 - begin message with 'Caltip' followed by details.

Mixed Content

Content included will vary by installation site, but will focus on topics relevant to the site and common uses.

May include:

- Tribal Information
- Interpretive Info
- Natural History
- Fishing Info



MARINE PROTECTED AREA



**TAKE OF FINFISH ALLOWED
NO OTHER TAKE/COLLECTING**

**C.C.R. TITLE 14, SECTION 632
www.wildlife.ca.gov/MPAs
REPORT VIOLATIONS TO:
1-888-334-CALTIP (2258)**





CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
ORDERS OF BUSINESS

TO: Forest and Beach Commissioners

SUBMITTED BY: Justin Ono, City Forester

SUBJECT: City Forester's Report for September 2023

RECOMMENDATION:

Receive the City Forester's Report for September 2023.

BACKGROUND/SUMMARY:

Environmental Evaluation

This action does not constitute a project within the meaning of the California Environmental Quality Act under Public Resources Code Section 21065. It has no potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, does not require environmental review.

FISCAL IMPACT:

ATTACHMENTS:

Attachment #1 -- City Forester's Report for September 2023
Attachment #2 - Davey Resource Group UFMP Status Report



CITY OF CARMEL-BY-THE-SEA

Monthly Report

City Forester's Report

TO:	Forest and Beach Commissioners
FROM:	Justin Ono, City Forester
SUBJECT:	September 2023 Forester's Report

Forestry, Parks, and Beach Highlights:

- At the Forest and Beach Commission Special Meeting of September 7, 2023, Commissions and the Urban Forest Master Plan (UFMP) Steering Committee jointly reviewed the draft Community Survey and refined the questions to reach consensus. Survey was completed and launched to the public on September 25th and will remain open for 48 days, closing on November 13th.
- Snapshot of Davey Resource Group's status update. See **Attachment 2** for DRG's September Status Update provided the following status of the development of the UFMP:
 - Tree Canopy and Land Cover Assessment - complete
 - Urban Forest Resource Analysis (Eco) - complete
 - Stakeholder interviews - complete, 8/10
 - Operations review ~94% complete
 - Draft 1 UFMP ~50% complete
 - Background information and findings from stakeholder interviews summarized
 - Identifying challenges and opportunities
 - Community Survey – In Progress
 - Live on September 27!
 - 90 responses as of 10/3
- The Leadership Carmel Class of 2023 conducted a Ribbon Cutting Ceremony to celebrate completion of their children's nature play facilities project at Forest Hill Park. Improvements included: a log tunnel, braille panel, log clusters, hardwood stump seats emulating a classroom setting under a redwood grove, hawk perch, and owl boxes. Director Harary thanked the Forest and Beach Commission for their vision to add "love" into the park, and the Mayor cut the ribbon.
- As an initial phase of the Ocean Avenue Median Islands Landscaping Beautification Project, existing trees were assessed by MPC Professor Wheat and Forester Ono, and tree removals and pruning were subsequently scheduled.
- Additional task orders were issued to our tree service contractors, Community Tree Service, Tope's Tree Service, and West Coast Arborist, to reduce the backlog of dead tree removals – many adjacent to power lines, stump removals, and tree pruning.
- Landscape maintenance work across the City is fully engaged by contractor Town & Country.
- Due to a high Cal Am Water bill for the month of August, staff checked a dozen water meters and backflow devices for leaks. Two leaks were repaired, and instructions were given to volunteers who use City water for median islands, to ensure valves are fully closed after use. Remainder of bill associated with visitors during Car Week, US Women's Open Golf Tournament, and hot weekends.
- Coordinated new forestry-related fees for services with Community Planning and Building.

- Planted several trees in Forest Hill Park and to fill holes once tree stumps were removed.
- Obtained quotes and issued a Purchase Order to a vendor to replace rusty components of the children's play structure at Forest Hill Park.
- Downed and storm damaged trees were removed from Forest Hill Park as a fuel reduction effort.
- Shoulder maintenance was performed on overgrown shrubs along Rio Road and Ladera Drive.

Permit Information

2023 Permitted removals, pruning, and required planting

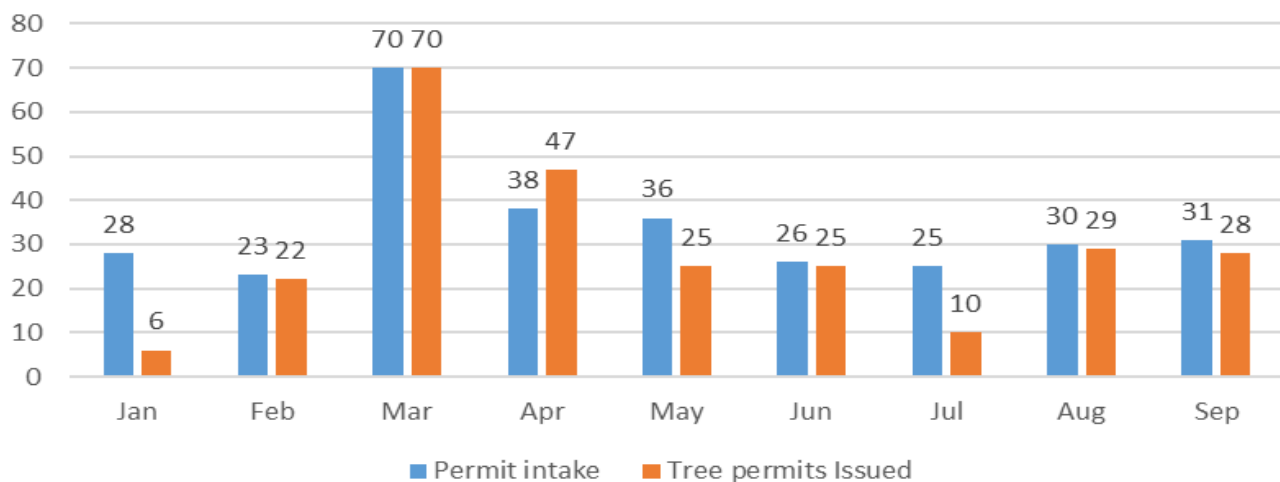
	Tree permits received	Tree permits Issued	Total Prunings	Total Removals	Removal of Upper	Removal of Lower	Required to Plant Upper	Required to Plant Lower	No room for new tree	Meets Density Rec.	Total Number of Trees Required
January	28	6	0	12	3	7	5	1	0	2	6
February	23	22	1	24	15	9	15	10	0	0	25
March	70	70	21	71	47	24	32	14	1	7	46
April	38	47	16	53	49	4	32	3	2	2	35
May	36	25	9	26	20	6	18	4	4	7	22
June	26	25	14	26	17	9	16	6	0	4	22
July	25	10	7	7	5	2	3	2	0	2	5
August	30	29	5	24	12	20	8	12	2	6	20
September	31	28	6	22	14	9	12	8	0	7	20
October											0
November											0
December											0
2023 Totals	307	262	79	265	182	90	141	60	9	37	201

Historic permitted removals and required planting

Year	Permitted removals	Removal of upper	Removal of lower	Replanting Required	Replanting of upper	Replanting of lower	Replanting %	Applications processed
2021	204	81	123	135	81	54	66.18%	213
2022	149	82	67	85	48	37	57.05%	155
2023*	265	182	90	201	141	60	75.85%	275

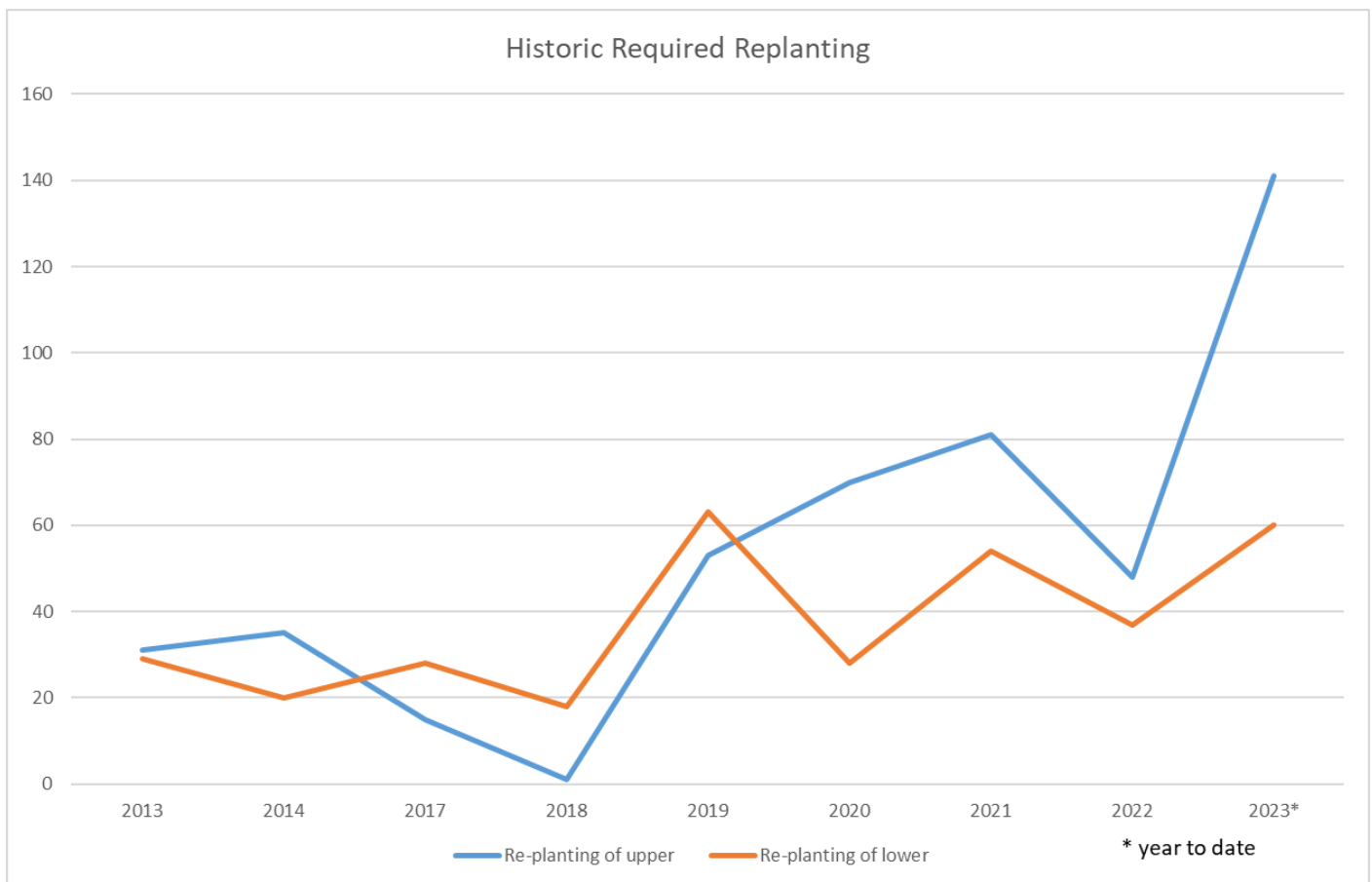
*Year To Date

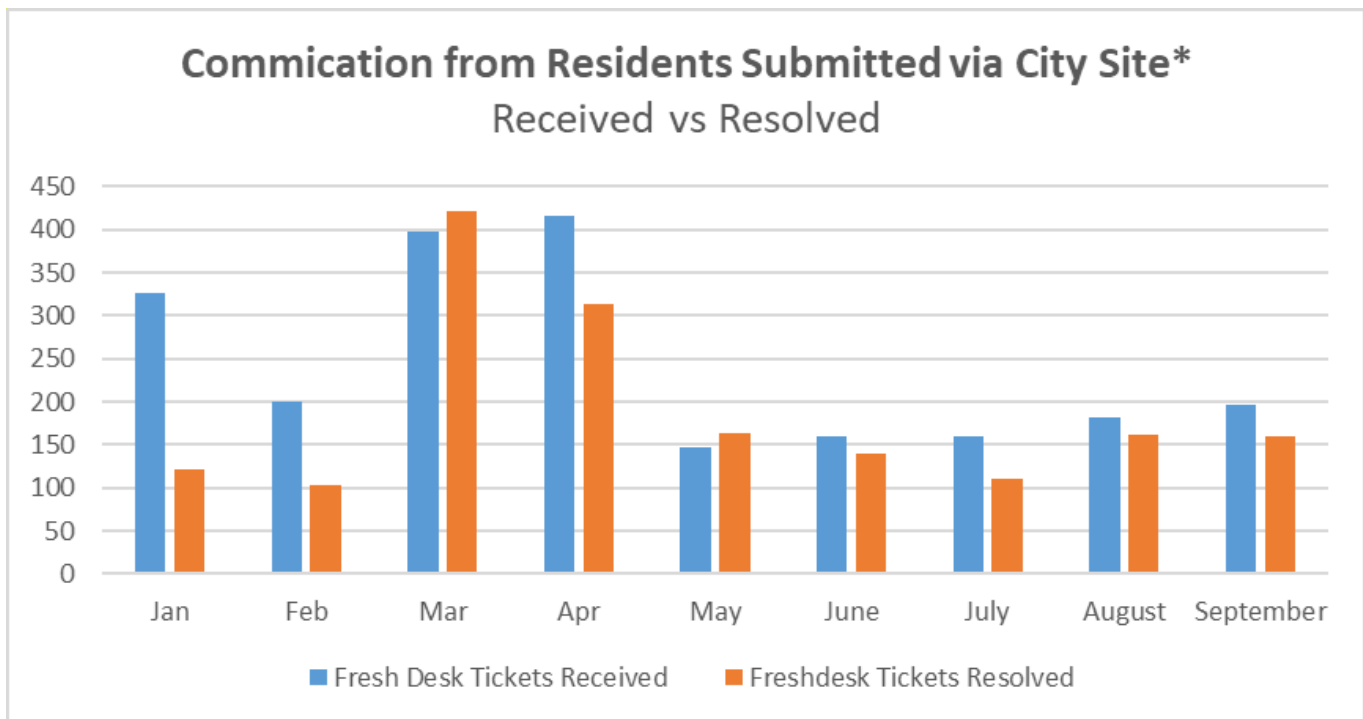
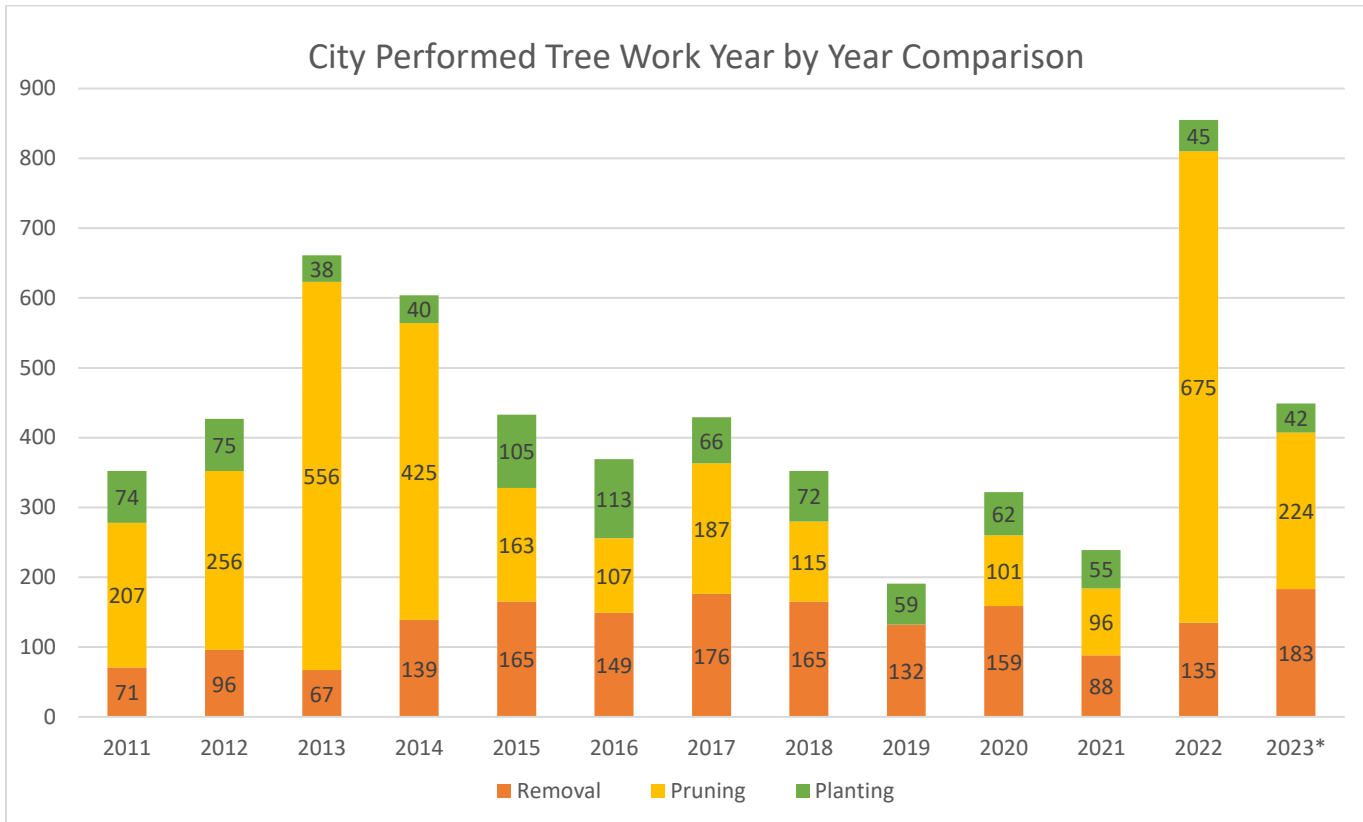
2023 Permits Intake vs. Issued



Historic permitted removals and required planting		
	Re-planting of upper	Re-planting of lower
2013	31	29
2014	35	20
2017	15	28
2018	1	18
2019	53	63
2020	70	28
2021	81	54
2022	48	37
2023*	141	60

*year to date





*Numbers only represent correspondences received via the City's website and do not include live calls, coicemails, drop-in visitors, and emails sent directly to employees from residents, nor return calls and emails from staff.

Carmel-by-the-Sea, CA

Status Report

Davey Resource Group

To: Tom Ford, Justin Ono, Brandon Swanson
From: Allison Steere
CC: Tina McKeand, Emily Spillett, Katelyn Obana, Anne Fenkner,
Rachael Sitz, Will Ayersman, Shelby Huth
Date: 10/03
Re: Project status

Tom, Justin, and Brandon,

The following is a summary of our recent actions and next steps:

Tasks completed and in progress:

- Tree Canopy and Land Cover Assessment - complete
 - Delivered on 8/22
- Urban Forest Resource Analysis (Eco) - complete
 - Delivered on 8/1
- Operations review ~94% complete
- Draft 1 UFMP ~50% complete
 - Background information and findings from stakeholder interviews summarized
 - Identifying challenges and opportunities
- Stakeholder interviews - complete, 8/10
- Community Survey - complete
 - Live on September 27!
 - 90 responses as of 10/3

Next steps:

- Update tree list

Upcoming meetings:

- Working Group Meeting - none scheduled
- Status calls - ongoing

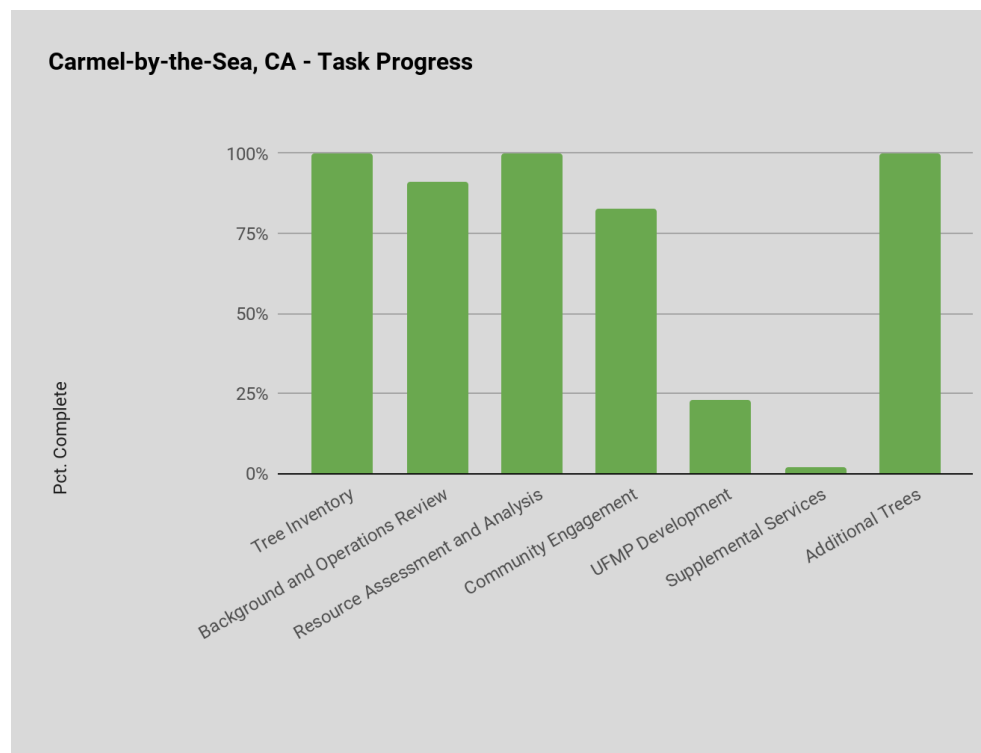
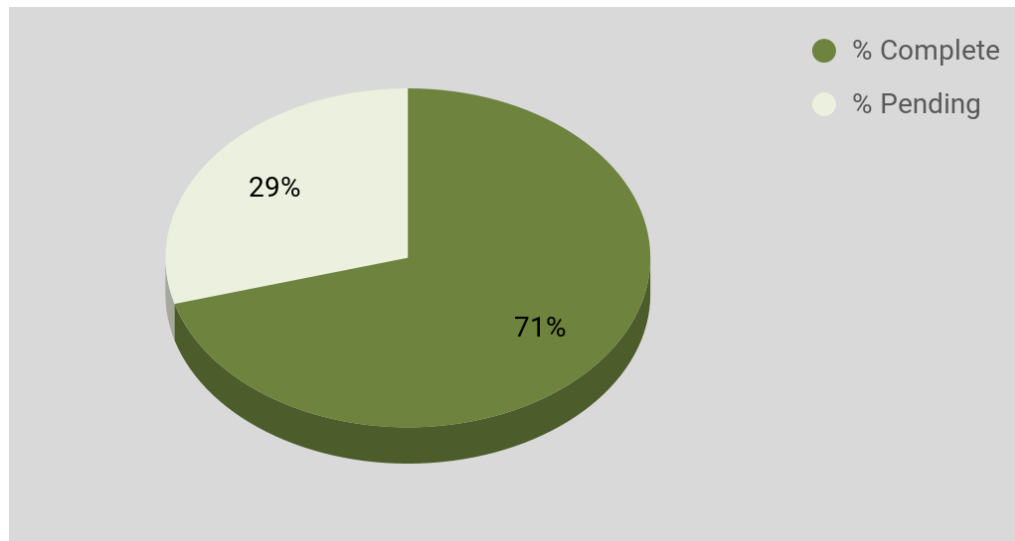
Challenges:

- N/A

Please feel free to contact me if you have any questions.

Carmel-by-the-Sea, CA Status Report

The following graphs summarize our status as of today:





CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION Staff Report

October 12, 2023
ORDERS OF BUSINESS

TO: Forest and Beach Commissioners

SUBMITTED BY: Robert M. Harary, P.E., Director of Public Works

SUBJECT: Public Works Director's Report for September 2023.

RECOMMENDATION:

Receive the Public Works Director's Report for September 2023.

BACKGROUND/SUMMARY:

The Public Works Director's Report for September 2023 will include:

- A. City Council actions related to Forestry, Parks, and Beach issues
- B. Forestry, Parks, and Beach-related Capital Improvement Projects
- C. Climate Action and Climate Adaptation Plan implementation
- D. Update on Volunteer Organizations
- E. Miscellaneous Forestry, Parks, and Beach-related Public Works items

Environmental Evaluation

This action does not constitute a project within the meaning of the California Environmental Quality Act under Public Resources Code Section 21065. It has no potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, does not require environmental review.

FISCAL IMPACT:

None.

ATTACHMENTS:

Attachment #1 - Public Works Director's Report for September 2023



CITY OF CARMEL-BY-THE-SEA

Public Works Department

September 2023 Monthly Report

TO:	Honorable Mayor and City Council Members
SUBMITTED BY:	Robert M. Harary, P.E., Director of Public Works
SUBMITTED ON:	October 2, 2023
APPROVED BY:	Chip Rerig, City Administrator

City Council Meeting of September 12, 2023

- Adopted Resolution 2023-081, authorizing submittal of a \$500,000 Local Coastal Program Local Assistance Grant application to the Coastal Commission for the Coastal Engineering, Phase II Project.
- Adopted Resolution 2023-082, rejecting bids for 4 facility renovation projects (City Hall roof, Sunset Center north wing painting, Cottage Window repairs, and Harrison Memorial Library exterior/interior painting), and directed staff to re-evaluate bidding alternatives. Low bid was nearly twice the estimate.
- Adopted Resolution 2023-083, approving Amendment No. 1 to the Professional Services Agreement with BKF Engineers for additional work associated with the Ocean Avenue Concrete Streets Repair Project, for a fee of \$49,092.
- Adopted Resolution 2023-088, accepting a \$25,000 donation for nature play equipment, funded and installed by the Leadership Carmel Class of 2023, with support from Public Works, at Forest Hill Park.
- Provided information regarding the Kostigen Family Trust claim against the City.

Forest and Beach Commission Special Meeting of September 7, 2023

- Commissioners and the Urban Forest Master Plan (UFMP) Steering Committee members jointly reviewed the draft Community Survey associated with the UFMP and refined the questions to reach consensus. Survey to be launched to the public as soon as possible following online beta testing, and remain open for 45 days.

Forest and Beach Commission Meeting of September 14, 2023

- At the northwest corner of Lincoln Street and Twelfth Avenue, denied the removal of a Monterey pine tree until the Applicant can provide evidence that damage to their home was directly caused by the tree, but waived permit and appeal fees for this tree for up to five years.
- Environmental Programs Manager Mary Bilse explained federal and state laws associated with Carmel Beach, introduced guidelines to remove trash from Carmel Beach in a consistent manner, but to keep all ecologically natural materials on the beach, and noted that these guidelines would support a new policy for City Council consideration. To provide time for staff to address comments and concerns, the Commission continued the matter to the October 12th meeting.
- Ms. Bilse also introduced a new sign to be installed in the Del Mar parking lot that was proposed by the California Marine Sanctuary Foundation and Marine Protected Area Collaborative. The sign would indicate that the beach is in a Marine Protected Area. Commission also continued to October 12th.
- Commissioners further discussed the beach infrastructure tour of inspection conducted in July and expressed continued concerns about the urgency of the repairs needed for the beach access stairs, revetments, and sea walls, and the potential for further damage due to upcoming winter storms.
- City Forester Justin Ono presented the Forester's Report for August 2023. This was the first time since January when the City Forester presented a stand-alone Forestry Division report
- Presented the Public Works Report for August 2023 regarding forestry, parks, and beach-related issues performed by other Public Works divisions.

Administration

- Facility Maintenance Supervisor Cleve Waters received the distinguished Paul Harris Fellows Award at the Carmel Rotary Club meeting.
- Prepared staff report for the Council meeting on October 2nd to approve a new stop sign for westbound First Avenue at the Lincoln Street intersection, and two new stop signs on Second Avenue at the intersection of Lincoln Street, all as recommended by the Traffic Safety Committee.
- Coordinated with Wave Broadband to finalize their encroachment permit's special conditions of approval, review CEQA and guide wire impacts, and prepare a presentation, to explain their fiber optics project, construction impacts, and mitigation measures for the October 3rd Council meeting.
- Made brief comments at the Ribbon Cutting Ceremony at Forest Hill Park for the new nature play equipment provided by the Leadership Carmel Class of 2023.
- Acting Senior HR Analyst Marisa Bermudez was the special guest at the September Public Works staff meeting. She gave an exceptional overview of the 457 deferred compensation plans available to employees – something a number of employees previously knew nothing about.
- Several staff attended a storm water Best Management Practices workshop in Seaside.
- Continued to update the Master Contracts database, by removing expired contracts and agreements, and uploading active contracts and agreements.

Carmel Cares and Other Volunteers

- Carmel Cares volunteers escorted 800 school children from Carmel Plaza to Forest Theater to attend Monterey Symphony performances.
- Ten Carmel High School Interact Club students cleaned up the landscaping around the Del Mar parking lot and planted native shrubs.
- A new faucet was installed for a water connection on Scenic Road near Thirteenth Avenue. Additional work to replace the adjacent water valve is underway.
- A quote was received from a roofing contractor to apply a weatherproofing coating to the back deck at the Fire Station. Permit application under review.
- Concrete, electrical, and drainage work associated with the Forest Theater sound cabinet system was installed without proper permits and was “red tagged” by the Building Official. Re-work under way.
- “Median Minders” volunteers continued to improve medians across the Village.
- “Downtown Detail” volunteers further improved landscaping around the Post Office parking lot.
- The Friends of Mission Trail Nature Preserve installed a wooden footbridge over the muddy bog on Doolittle Trail using lumber provided by Public Works.

Environmental Programs

- Prepared staff report for City Council approval on October 2nd to re-establish the Climate Committee. The re-formed committee will consist of four rather than eight members, and meet as needed, rather than monthly. Committee to review certain Coastal Engineering Study reports and other climate adaptation projects over time.
- For the Coastal Engineering Study, the report for Task 2, Shoreline and Beach Change Analysis, was reviewed and approved. Report is available on the Public Works website.
- For the Coastal Engineering Study, a meeting was held to review Task 5, regarding the City's existing Local Coastal Program and related policies, and a draft report was submitted for City review.
- Completed the City's draft Stormwater Ordinances by removing certain comments requested by the Coastal Commission staff, but determined to be unacceptable to the City Attorney's office. Met with Coastal Commission staff to state that we are moving forward. Ordinances to be introduced for the first Public Hearing at the November Council meeting.
- Environmental Administrative Technician Jessica Juico attended the annual California Stormwater Quality Association Conference in San Diego.
- Prepared staff report for the October 12 Forest and Beach Commission meeting for a second review of the proposed Carmel Beach cleanup guidelines as required in a Marine Sanctuary and Area of Special Biological Significance. Comments received at the introduction of this policy at the September meeting were evaluated and incorporated into the policy as necessary.

- Denise Duffy & Associates prepared a report summarizing the work completed during FY 2021/22 and 2022/23, and outlining work proposed for FY 2023/24, for the North Dunes Habitat Restoration Project. Report to be presented at the October 12th Forest and Beach Commission meeting.
- Ordered 20 dual trash/recycling and 10 trash-only, ribbon-style containers.
- Began to assemble technical responses to the onerous and complex Annual Stormwater Report as required by the California Water Quality Control Board. Report due in mid-October.
- Performed dry weather water quality sampling with the California Marine Sanctuary Foundation.
- Public outreach noted in Friday Letters included: storm water pollution prevention tips, and Stormwater Awareness Week workshops.

Facility Maintenance

- For the Police Dispatch room, the grant-funded modular furniture was installed, and electrical refinements were made. Work remains on IT systems.
- For the FY 2023/24 ADA Upgrades Project, ordered new ADA-compliant restroom mirrors.
- Contractor adjusted hinges for glass doors into the Gathering Room at the Harrison Memorial Library.
- With the new electrical switches project completed in the Public Works Garage, other contractors replaced a portion of temporarily-removed ductwork, and the exhaust system was adjusted.
- Obtained updated quotes for the Sunset Center Fire Pump recirculation pump project.
- At the Forest Hill Park restrooms, refurbished a sink and installed LED lighting fixtures.
- Replaced motors and made repairs to various hand dryers.
- Installed 10 boxes for new automated external defibrillators donated to the City.
- Completed replacement of corroded drinking fountain heads at City-wide locations.
- Set up and supported the Flu Clinic at Vista Lobos.

Project Management for the Capital Improvement Program

4 Leaf Projects:

- For the Police Building Project, Indigo Architects submitted the draft existing Building Condition Assessment Report and a Space Programming Needs Report. Reports were reviewed by staff, and comments were returned to Indigo.

Ausonio, Inc. Projects:

- Following Council's rejection of the bids received for the bundled City Hall Roof Replacement, Sunset Center Exterior Painting - north wing, Cottage Windows Repairs, and Harrison Memorial Library Exterior/Interior Painting projects, the Project Team decided to reformulate the package into separate painting, roofing, and window carpentry components (ultimately 3 bid and construction packages).
- The first package for rebidding will be for painting the Sunset Center north wing and the Harrison Memorial Library exterior, with interior painting as an alternate. Key modifications to the bidding documents over the larger, bundled project were: allow licensed painting contractors to bid the project, rather than general contractors, removed non-essential construction requirements, and modified the approach for hazardous materials testing. The revised, draft package was checked by staff, and re-bidding is anticipated to commence by late October.

Wallace Group Projects:

- For the FY 22/23 Concrete Streets Repair Project, BKF Engineers performed the additional surveying associated with Amendment No. 1 to their Agreement for intermittent street returns along Ocean Avenue. The 95% complete design plans and technical specifications are anticipated in November.
- For the FY 23/24 City-wide Paving Project, staff reviewed and negotiated the proposed scope of work, fees, and schedule with Wallace Group for Wallace to perform the engineering and design work. Amendment to the Wallace Agreement for this project is anticipated for approval at the November Council meeting.
- For the Coastal Infrastructure Repair Project, staff reviewed and negotiated the proposed scope of work, fees, and schedule with Wallace Group for them to oversee a third-party design consultant.

Amendment to the Wallace Agreement for this project also anticipated for approval at the November Council meeting.

Additional Projects:

- For the MTNP Well and Tank/Pump House Removal Project, the Preconstruction Meeting was held, and contractor submittals were checked. Field demolition to begin on October 2nd.
- For the FY 2021/22 Paving Project, two bids were received at the public Bid Opening on September 12th. This Project covers asphalt overlays along seven streets, micro-surfacing along three streets, and four sidewalk repairs. The lower based bid of \$1.1 million, submitted by Monterey Peninsula Engineering, can be awarded by Council at the November meeting upon approval to transfer \$200,000 from the CIP Contingency Fund.
- For the MTNP 3 Drainage Improvement Projects, after a year of regulatory hurdles by the California Department of Fish and Wildlife to obtain the final of three regulatory permits, the City's permit application was finally deemed complete, triggering a 60-day determination clock.
- For the 4 Drainage Improvements Project, Neill Engineers performed field surveying and utility records research. Initial site visits for right-of-way and environmental impacts were also performed by staff.
- For the Electrical Panel Upgrades Project, Advance Design Consultants installed load testing meters at City Hall, Fire Station, and Vista Lobos to analyze power demands over a 30-day period.

Street Maintenance

- Provided extra dumpsters, portable toilets, sinks, and staff for the Labor Day Holiday weekend.
- Supported Police with traffic control for the Homecoming Parade.
- Installed 220 feet of post and rail fencing along Mission Street on the west side of Forest Hill Park to prevent pedestrians from walking down the embankment and causing erosion.
- As approved by the Traffic Safety Committee, installed a "25 Zone Ahead" sign for southbound Carpenter Street following Monterey County permit approval. Also converted a vehicle parking space near the Junipero Street exit driveway to be motorcycle only parking.
- Installed new Pedestrian Crossing Signs in the crosswalk on Rio Road, just west of Ladera Drive.
- Replaced a bench on the Scenic Pathway near Martin Way, and installed a commemorative plaque.
- Made repairs to guardrails and post and rail fences.
- Buried three dead seals which washed up near the south end of Carmel Beach.
- Made repairs to Police vehicles and replaced the drive belt on the forestry gator.

Forestry, Parks, and Beach (Forester's Report)

- See Forester's Report for September 2023 under separate cover.