

BOARD OF DIRECTORS' MEETING ANNOUNCEMENT

DATE: Friday, September 21, 2018
TIME: 9:00 AM
PLACE: Carpinteria City Hall, 5775 Carpinteria Ave, Carpinteria, CA. 93013

MEETING AGENDA

1. **Call to Order, Roll Call and Introductions – Jon Sharkey**
2. **Approval of Agenda and Filing of Certificate of Agenda Posting**
Action: Approve and file.
3. **Consideration and Approval of Minutes of the BEACON Meetings held on July 20, 2018.**
Action: Approve and file.
4. **Public Comment and Other Matters not on the Agenda**
 - a. Receive public comments.
5. **Reports**
 - a. Reports from legislative offices.
 - b. Board Members Reports and Updates.
6. **Auditors Controllers Recommended Actions**
 - a. Receive and file the Fiscal Year 2018-2019 Budget-to-Actual report for the year-to-date period ending August 31, 2018 (Exhibit I).
7. **Report on Funding Pursuits**
 - a. Receive a report from Staff on the current status of BEACON funding opportunities and pursuits.
8. **Beach Nourishment Opportunity**
 - a. Receive report from Staff beach nourishment opportunity using export sand from the Rincon Trail project in the City of Carpinteria and provide direction.
9. **Hazard Mitigation Plan**
 - a. Receive a report from Staff on the potential for BEACON to prepare a Hazard Mitigation Plan and provide direction.
10. **Nature Conservancy Resolution for California's Coastal Future**
 - a. Consider approval of a Resolution to Adopt and Advance a Vision for California's Coastal Future.
11. **Debris Flow Beach Deposits – What Have We Learned**
 - a. Receive a presentation from Staff on the comparative experiences of Goleta Beach and Carpinteria Beach after deposition of sediment from the January 2018 Debris Flow Event.
12. **Executive Director's Report and Communications.**

Adjourn to next regular meeting, November 16, 2018 at 9:00 AM in Carpinteria City Hall



A California Joint Powers Agency

Member Agencies

City of Carpinteria
City of Goleta
City of Oxnard
City of Port Hueneme
City of San Buenaventura
City of Santa Barbara
County of Santa Barbara
County of Ventura

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Disability Access

The City of Carpinteria Council Chambers is located on the ground floor of City Hall located at 5775 Carpinteria Ave, Carpinteria, CA. 93013 Fourth Floor of the County. The Council Chambers is wheelchair accessible. Accessible public parking is available behind the Council Chambers.

American Sign Language interpreters, Spanish language interpretation and sound enhancement equipment may be arranged by contacting the City Clerk (Fidela Garcia) by 4:00 p.m. on Friday before the Board meeting. Contact information for the City Clerk is (805) 684-5405.

Late Distribution of Materials

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the City Clerk to all or a majority of the members of the BEACON Board less than 72 hours prior to that meeting are available for inspection in the City Clerk Office, at 5775 Carpinteria Ave, Carpinteria, CA. 93013 and on the Internet at: BEACON.CA.GOV.

Any written ex-parte communication subject to disclosure by members of the BEACON Board may be published online as an attachment to the corresponding item.

STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: #2

To: BEACON Board of Directors
From: Executive Director
Date September 12, 2018

Subject: Approval of Agenda and Filing of Certificate of Agenda Posting

REQUIRED ACTION:

a. Approve and file.



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STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: #3

To: BEACON Board of Directors
From: Executive Director
Date September 12, 2018

Subject: Consideration and Approval of Minutes of BEACON Meeting held July 20, 2018

REQUIRED ACTION:

- a. Approve and file.



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BEACON BOARD OF DIRECTORS MEETING MINUTES

DATE: Friday, July 20, 2018

TIME: 9:00 AM

PLACE: City of Carpinteria, Council Hearing Room
5775 Carpinteria Avenue, Carpinteria, CA. 93013

Item	1	Call to Order, Roll Call and Introductions – Chair, Jon Sharkey
Minutes/ Actions:		<p>Directors Present:</p> <ul style="list-style-type: none"> • Steve Bennett (County of Ventura) • John Zaragoza (County of Ventura) • Das Williams (Santa Barbara County) • Janet Wolf (Santa Barbara County) • Kyle Richards (City of Goleta) • Gregg Hart (City of Santa Barbara) • Christy Weir (City of Ventura) • Jon Sharkey (City of Port Hueneme)
Item	2	Approval of Agenda and Filing of Certificate of Agenda Posting Action: Approve and file
Minutes/ Actions:		Approved.
Item	3	Consideration and Approval of Minutes of the BEACON Meetings held on March 16, 2018. Action: Approve and file.
Minutes/ Actions:		Approved.
Item	4	Public Comment and Other Matters not on the Agenda
Minutes/ Actions:		Tyler Buckingham from Peter Arebella Consulting introduced his company. The firm is originally from Ojai and specializes in securing local beach funding. The company has relationships in DC and can assist in public engagement efforts.
Item	5	Reports a. Reports from legislative offices. b. Board Members Reports and Updates.
Minutes/ Actions:		None.
Item	6	Auditor Controllers Recommended Actions a. Adopt Recommended Final Fiscal Year 2018-19 Budget. (Exhibits I) b. Authorize the Auditor-Controller’s Office to adjust contingency for the Fiscal Year 2018-2019 budget where the Fiscal Year 2017-2018 actual year-end closing fund balance differs from the budget estimate. c. Approve membership dues for Fiscal Year 2018-2019. d. Receive and file the Fiscal Year 2018-2019 Budget-to-Actual report for the year-to-date period ending June 30, 2018 (Exhibit II).
Minutes/ Actions:		Mr. Omar Arreola of the Ventura County Auditor Controllers Office presented the Recommended Action Items. BOARD ACTIONS: The Board approved all recommended items unanimously.

BEACON BOARD OF DIRECTORS MEETING MINUTES

DATE: Friday, July 20, 2018

TIME: 9:00 AM

PLACE: City of Carpinteria, Council Hearing Room
5775 Carpinteria Avenue, Carpinteria, CA. 93013

Item	7	<p>Approve and Authorize the Chair to Sign the FY 2018-2019 Annual Staff/Consultant Agreements</p> <ul style="list-style-type: none"> a. Approve, ratify, and authorize the Chair to execute the Technical Advisor Services Contract for an amount not to exceed \$22,000 with James A. Bailard for the term of July 1, 2018 to June 30, 2019. b. Approve, ratify, and authorize the Chair to execute the Legal Services Contract for an amount not to exceed \$12,000 with County of Santa Barbara County Counsel’s Office for the term of July 1, 2018 to June 30, 2019. c. Approve, ratify, and authorize the Chair to execute Auditor Services Contract for an amount not to exceed \$15,000 with County of Ventura Auditor-Controller’s Office for the term of July 1, 2018 to June 30, 2019. d. Approve, ratify, and authorize the Chair to execute the Program Management Services Contract with COM3 Consulting for an amount not to exceed \$53,000 for the term of July 1, 2018 to June 30, 2019. e. Approve, ratify, and authorize the Chair to execute the Strategic Planning and Grant Pursuit Services Contract with Marc Beyeler and Associates for an amount not to exceed \$21,500 for the term of July 1, 2018 to June 30, 2019. f. Approve, ratify, and authorize the Chair to execute the Web Site and Facebook Page maintenance Services Contract with Pam Baumgardner for an amount not to exceed \$2,000 for the term of July 1, 2018 to June 30, 2019. g. Approve, ratify, and authorize the Chair to execute the Biennial Audit Contract with Fedak & Brown LLP for Financial Auditing Service for \$10,180 for the term of July 1, 2018 to March 31, 2019.
Minutes/ Actions:		<p>Executive Director Brennan explained that BEACON must use special consultants and member agencies to provide the operating services necessary to successfully run BEACON. Mr. Brennan explained that BEACON has four standing annual consultant contracts: with COM3 Consulting (Gerald Comati) for Program Management; with Jim Bailard as Technical Advisor; with Marc Beyeler for Strategic Planning and Project Management activities; and with Pam Baumgardner for website maintenance and social media services. In addition, BEACON has a standing agreement for financial and accounting services through the Ventura County Auditor Controllers Office and a standing agreement for Legal Services through the County of Santa Barbara County Counsel Office. In addition, this year there is the biennial contract for auditing services being awarded to Fedak & Brown LLP.</p> <p>BOARD ACTIONS: The Board approved all recommended items unanimously.</p>

BEACON BOARD OF DIRECTORS MEETING MINUTES

DATE: Friday, July 20, 2018

TIME: 9:00 AM

PLACE: City of Carpinteria, Council Hearing Room
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Item	8	Report on Funding Pursuits.
Minutes/ Actions:	a.	<p>Receive a report from Staff on the current status of BEACON funding pursuits.</p> <p>Marc Beyeler provided a summary of the different grant opportunities that BEACON evaluated during FY 1718 and the ones they pursued. Marc provided a status of the grants pursued:</p> <ol style="list-style-type: none"> 1. OPC – Prop 1 Grant for multi -benefit ecosystem and watershed protection and restoration projects. BEACON applied in February 2018 for Surfers Point Living Shoreline Project. Decision: OPC approval of the grant is scheduled for July 25, 2018. 2. OPC/USC Sea Grant – Prop 84 for scientific research, adaptive management, and conservation of marine resources. BEACON intend on applying in august 2018.to fund an update to BEACON CRSMP. Decision is pending. 3. California Department of Parks and Recreation (DPR) Division of Boating and Waterways for shoreline erosion control projects and public beach restoration projects. BEACON applied in February 2018 for the City of SB East Beach Dune Restoration Project. Decision is pending. 4. FEMA/CalOES – Hazard Mitigation Grant Program for mitigation of future debris flow events similar to that of January 9, 2018. BEACON submitted a Notice of Intent (NOI) in June 2018 to fund an update to the South Central Coast Beach Enhancement Program. Decision: FEMA/CalOES denied the NOI. 5. FEMA/CalOES – Hazard Mitigation Grant Program for mitigation of future debris flow events similar to that of January 9, 2018. BEACON submitted a Notice of Intent (NOI) in June 2018 to fund Phase 2 of the Surfers Point Project. Decision: FEMA/CalOES approved the NOI. A full application will be submitted in September 2018. 6. National Fish and Wildlife Foundation for funding to create, expand and restore natural systems in areas that will both increase protection for communities from coastal storms, sea and lake level changes, flooding, and coastal erosion and improve valuable habitats for fish and wildlife species. BEACON is considering an application for to fund an update to the South Central Coast Beach Enhancement Program. Decision: Application has not been submitted yet. <p>Director Das Williams expressed is congratulations to the City of SB for pursuing a dune restoration project on East Beach.</p> <p>Director Christy Weir expressed her gratitude for the BEACON Staff assistance in pursuing grants for the Surfers Point Project.</p> <p>BOARD ACTIONS: The Board received and filed the funding pursuit report.</p>

BEACON BOARD OF DIRECTORS MEETING MINUTES

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Item	9	<p>BEACON Coastal Study</p> <p>a. Receive a presentation from the US Geologic Survey on its long term study of the BEACON coast and the debris flow event.</p>
Minutes/ Actions:		<p>Mr. Dan Hoover from the USGS provided a PowerPoint presentation on long term study of the BEACON coast that USGS has been performing. The PP has been posted on the BEACON website.</p> <p>Director Steve Bennett expressed concern re/ saltwater intrusion in the groundwater.</p> <p>Director Jon Sharkey requested that whether USGS could make the same PP presentation to the Port Hueneme Council and to the Water Agency and Wastewater Agency Boards? Dan Hoover responded that this may be possible in November 2018.</p> <p>Director Janet Wolf asked that the transect data from Goleta Beach could be provided to the County as additional survey data. Director Wolf also indicated that the term “nourishment” should be used judiciously since the sediment deposits at both Carpinteria and Goleta beaches did not constitute a “design nourishment” project. Director Wolf preferred the term “deposition”.</p> <p>Director Christy Weir requested whether biological data has been gathered re/ the impact of the sediment depositions on marine life? Staff will follow up with this question. ACTION.</p> <p>Director Das Williams inquired whether USGS knew if this winter was going to be an El Nino winter. Dan Hoover responded that an El Nino was likely.</p> <p>BOARD ACTIONS: The Board received and filed the funding pursuit report.</p>

BEACON BOARD OF DIRECTORS MEETING MINUTES

DATE: Friday, July 20, 2018

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Item	10	<p>January 9, 2018 Montecito Debris Flow Presentation</p> <p>a. Receive a presentation from the Santa Barbara County Flood Control and Watershed Conservation District on the activities to clear debris basin , creeks and streambeds after the January 9th debris flow.</p>
Minutes/ Actions:		<p>Maureen Spencer, Environmental Manager for the Santa Barbara County flood Control District, made a PowerPoint presentation on the clean-up activities following the January 9, 2018 Debris flow event.</p> <ul style="list-style-type: none"> • 470,000 CY of sediment was removed from creeks, debris basins and roads following the event. • Creek corridors were stripped for thousands of feet. Some creeks were eroded 30-ft in depth and a 100-ft in width while others were completely filled with sediment. • All the debris basins were completely filled with sediment and boulders. • Since the event, all the debris basins have been repaired and cleaned out, all of the creeks have been cleaned out and repaired and all the roads have been cleared. • Work on bridge replacements and repairs is proceeding on schedule. <p>Exec Director Brian Brennan asked where the majority of the sediment taken. Maureen indicated that of the 470K CY, approx. 70K went to the coast and the remaining 400K was hauled off to Santa Clarita and Buellton.</p> <p>Director John Zaragoza asked if any of the destroyed homes will be re-built. Maureen indicated that some may rebuild depending on the extent of remaining parcel and topography of the parcel.</p> <p>Director Janet Wolf wanted to praise the incredible work performed by the Flood Control District.</p> <p>Director Das Williams echoed the sentiments of Supervisor Wolf and also praised the pre-event preparations that Flood Control went through to clean out the creeks and debris basins and how these activities likely saved many lives.</p> <p>Director Kyle Richards congratulated the Flood Control District on the amazing clean-up work and indicated that we have to assess the lessons learned re/ the Goleta Beach issues.</p> <p>Director Das Williams indicated that the best scenario would have been to have all of the sediment reach the coast but that this must be done with sufficient testing. Also, it would be better if more deposit locations could be approved apart from jut Carpinteria and Goleta beaches. ACTION.</p> <p>Director Christy Weir asked if a stockpile site could be identified. Maureen indicated that Flood Control is pursuing this issue.</p> <p>Exec Director Brian Brennan indicted that ideally deposition sites closer to Gaviota could be identified/approved and thereby allowing greater benefit downstream as the littoral cell moves downstream.</p> <p>Mr. Glenn Shepard of the Ventura County Flood Control District also provided a brief PowerPoint presentation on that agencies experience after the Thomas Fire. Glenn indicated that Ventura County has many debris basins with significant capacity of close to 180K CY. Glenn also indicated that the Matilija Dam removal project was moving forward. Sediment removal options are in the current</p>

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	<p>WRDA Bill. It is estimated that Matilija Dam retains 6 to 8 Million CY of sediment.</p> <p>Park Director Matt Roberts of the City of Carpinteria provided a brief presentation on the Carpinteria Beach sediment deposits. Matt indicated that the nourishment of the beach was very considerable and is very evident in terms of added beach width. Matt also indicated that cobble was critical to sustainable beach nourishment. Nourishment with cobble results in a much longer wider beach.</p> <p>BOARD ACTIONS: The Board received and filed the reports on the post Debris Event Clean-up activities.</p>
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Item	12	Executive Director's Report and Communications
		a. Receive and file report from Executive Director
Minutes/ Actions:	None.	

Meeting Minutes by Gerald Comati, Program Manager, BEACON.

Adjourn to next regular meeting September 21, 18 19, 2018 at 9:00 AM in Carpinteria City Hall.

STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: #4

To: BEACON Board of Directors
From: Executive Director
Date September 20, 2018

Subject: Public Comment and Other Matters not on the Agenda

REQUIRED ACTION:

a. Receive Public Comments.



A California Joint Powers Agency

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STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: #5

To: BEACON Board of Directors
From: Executive Director
Date September 12, 2018

Subject: Reports

REQUIRED ACTION:

- a. Reports from Legislative Offices.
- b. Board Member Reports and Updates.



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STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: 6

To: BEACON Board of Directors
From: Ventura County Auditor-Controller's Office
Date: September 12, 2018

Subject: Auditor-Controller Recommended Actions

RECOMMENDATION:

a. Receive and file the Fiscal Year 2018-2019 Budget-to-Actual report for the year-to-date period ending August 31, 2018 (Exhibit I).

DISCUSSION:

Receive and file report from Ventura County Auditor-Controller's Office on Budget-to-Actual for Fiscal Year 2018-2019 for the period ending August 31, 2018 (Exhibit I).



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BEACON FUND 0025
YEAR TO DATE UNADJUSTED BUDGET TO ACTUAL FY 2018-19
FOR THE MONTH ENDING August 31, 2018

Unit	Account Number	Title	BUDGET			ACTUAL YTD			
			Adopted Budget	Budget Mod	Revised Budget	Actual	Encumbered	Total Revenue/Obligation	Variance Favorable (Unfavorable)
UNASSIGNED FUND BALANCE									
		Beginning Balance	139,641		139,641	155,076.94		155,076.94	15,435.94
	5995	Unassigned Fund Balance	139,641	-	139,641	155,076.94		155,076.94	15,435.94
REVENUE									
5665	8911	Investment Income - (Interest Earnings)	1,800		1,800	(759.87)		(759.87)	(2,559.87)
5665	9252	State Other - (OPC Grant)	18,000		18,000	-		-	(18,000.00)
5665	9371	Other Governmental Agencies - (Member Dues)	142,530		142,530	110,235.00		110,235.00	(32,295.00)
		Total Revenue	162,330	-	162,330	109,475.13		109,475.13	(52,854.87)
		TOTAL SOURCES	301,971	-	301,971	264,552.07		264,552.07	(37,418.93)
EXPENDITURES									
5665	2072	Insurance	3,500		3,500	-		-	3,500.00
5665	2179	Miscellaneous Expenses (Kelp Anchor Permits, Misc Office Exp, Funding Workshop, SCCBEP)	13,050		13,050	-		-	13,050.00
5665	2183	Engineering and Technical Surveys (Tech Advisor- J Bailard, Proj Mgmt - COM3)	65,000		65,000	-	65,000.00	65,000.00	-
5665	2185	Attorney Services (Co of Sta Barbara)	12,000		12,000	-		-	12,000.00
5665	2199	Other Professional & Spe Svcs (Accounting Srv - Co of Ventura, Biennial Audit, Marc Beyeler, Pam Baumgardner, Barrett Productions)	49,930		49,930	250.00	10,180.00	10,430.00	39,500.00
5665	2292	Travel Expenses (Misc Payments, Travel & Conf.)	12,000		12,000	-		-	12,000.00
		Total Overhead Expenditures	155,480	-	155,480	250.00	75,180.00	75,430.00	80,050.00
		Grants - OPC, Debris Basins Removal:							
5665	2183	Admin+ Management & Best Practices Manual (Tasks 1, 8 & 9) - COM3	6,000	-	6,000	-	6,000.00	6,000.00	-
5665	2183	Admin+ Management & Best Practices Manual (Tasks 1 & 8) - J Bailard	4,000		4,000	-	4,000.00	4,000.00	-
5665	2183	Planning, Engineering, Construction, CM, Monitoring & Restoration - (Tasks 2, 3, 4, 5, 6 & 7) - SB County Flood Control District	8,000		8,000	-	-	-	8,000.00
		Total Grants - OPC, Debris Basins Removal:	18,000.00	-	18,000.00	-	10,000.00	10,000.00	8,000.00
5665	6101	Contingency	128,491		128,491	-		-	128,491.00
		TOTAL EXPENDITURES	301,971	-	301,971	250	85,180	85,430	216,541
		Ending Unassigned Fund Balance						264,302.07	

Note: Amounts with "()" in the ACTUAL column reflect FY18 accruals in excess of actual expenditures to date

BEACON - FUND 0030 - BEACON Sand Supply and Public Access

Unadjusted Balance, as of August 31, 2018: 61,530.47

STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: 7

To: BEACON Board of Directors
From: Marc Beyeler
Date: September 12, 2018

Subject: Report on Funding Pursuits

Required Action:

- a. Receive a report from Staff on the current status of BEACON funding opportunities and pursuits.

DISCUSSION:

BEACON Staff actively track funding opportunities for various BEACON projects and planning efforts and if the fit is right, applications will be submitted. Attached is a status summary of these funding opportunities and pursuits.



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**BEACON Grants Status Report:
September 2018**

#	Grantor	Grant Description	BEACON Project	BEACON Action/Status
1	Ocean Protection Council (OPC)	Proposition 1 Grant for multi-benefit ecosystem and watershed protection and restoration projects.	Surfers Point Living Shoreline and Managed Retreat Project. City of Ventura.	<p>BEACON APPLIED IN February 2018 for a grant to assist the City of Ventura and the Ventura County Fairgrounds in completing the Surfers Point Project with final planning, design, and engineering. OPC staff and technical review team came to Ventura on May 30, 2018 for a project site visit..</p> <p>Decision: OPC approved project funding at July 25, 2018 meeting. Staff preparing grant agreement.</p>
2	Ocean Protection Council (OPC)/USC Sea Grant	Proposition 84 Grant Funds for a wide range of purposes including scientific research, adaptive management, and conservation of marine resources. The competitive grant program is administered by the University of Southern California Sea Grant Program.	Climate and Sea Level Rise Update to BEACON's Coastal Regional Sediment Management Plan (CRSMP)	<p>BEACON APPLIED in March 2018 for a grant to complete a Climate and Sea Level Rise Update to the Coastal Regional Sediment Management Plan.</p> <p>Pre-proposal has been accepted and full proposal invited by USC review team. BEACON consultant preparing full proposal for submittal in August 2018.</p> <p>Decision: Staff submitted full proposal in August and funding decision is pending.</p>
3	California Department of Parks and Recreation (DPR) Division of Boating and Waterways	Grant for shoreline erosion control projects and public beach restoration projects.	East Beach Dune Restoration Project.	<p>BEACON submitted the grant application on February 1, 2018. The Div of Boating and Waterways staff visited the project site in April 2018.</p> <p>Decision: Expected by end of 2018.</p>
4	State Coastal Conservancy (SCC)	Conservancy Proposition 1 grants to fund multi-benefit ecosystem and watershed protection and restoration projects. Priority project types include: water sustainability improvements, anadromous fish habitat enhancement, wetland restoration and urban greening.	NA	<p>After review BEACON team elected not to apply.</p>

#	Grantor	Grant Description	BEACON Project	BEACON Action/Status
5	CA Department of Fish and Wildlife (DFW)	CDFW Proposition 1 grants to fund multi-benefit ecosystem and watershed protection and restoration projects. Priority project types for this round include: adaptation planning and implementation projects addressing post-fire watershed and habitat restoration.	NA	After review BEACON team elected not to apply.
6	FEMA/CalOES – Hazard Mitigation Grant Program	Hazard Mitigation Grant Program to fund project that will mitigate future debris flow events similar to the January 9, 2018 event in Montecito.	Update of the South Central Coast Beach Enhancement Program (SCCBEP)	The BEACON Team submitted a Notice of Intent (NOI) to fund the development costs (environmental + permitting) for an updated South Central Coast Beach Enhancement Program in Santa Barbara County. Decision: FEMA/CalOES denied the NOI.
7	FEMA/CalOES – Hazard Mitigation Grant Program	Hazard Mitigation Grant Program to fund project that will mitigate future debris flow events similar to the January 9, 2018 event in Montecito.	Funding for Phase 2 of the Surfers Point Project.	The City of Ventura, assisted by BEACON consultant, submitted a Notice of Intent (NOI) to fund Phase 2 of the Surfers Point Project. Decision: FEMA/CalOES requested City to submit full proposal for project capital funding of \$2,500,000. City submitted request in September.
8	National Fish and Wildlife Foundation	\$30 million in grants to local communities. Grants will be awarded to create, expand and restore natural systems in areas that will both increase protection for communities from coastal storms, sea and lake level changes, flooding, and coastal erosion <u>and</u> improve valuable habitats for fish and wildlife species.	Update of the South Central Coast Beach Enhancement Program (SCCBEP)	The BEACON Team is considering submitting and application to fund the development costs (environmental + permitting) for an updated South Central Coast Beach Enhancement Program in Santa Barbara County. Decision: Application not submitted yet.

STAFF REPORT

Meeting Date: September 21, 2018

Agenda Item: 8

To: BEACON Board of Directors

From: Gerald Comati

Date September 12, 2018

Subject: Beach Nourishment Opportunity

Required Action:

- a. Receive report from Staff beach nourishment opportunity using export sand from the Rincon Trail project in the City of Carpinteria and provide direction.

DISCUSSION:

The City of Carpinteria in conjunction with the Santa Barbara County Association of Governments (SBCAG) is in the development phases of the Rincon Trail Project. This project is required as mitigation for the City's Linden and Casitas Interchanges Project. The Rincon Trail project will link the recently completed Bike Path along Hwy 101 in northern Ventura County with the coastal trail in Santa Barbara County.

As part of the Rincon Trail Project, excavation is required which may generate as a significant quantity of beach quality export. The Rincon Trail Project Team identified this export as a potential opportunity for beach nourishment. BEACON Staff has reviewed this opportunity and can summarize as follows:

Potential quality and quantity of export material. A total quantity of 100,000 CY of material could be generated. Exact quantities will not be known till November 2018. The excavation will occur near Rincon Park and the material is assessed to be mostly marine sediment and suitable for beach nourishment assuming there is no contamination. The environmental review of the Rincon Trail project has indicated identified any contamination within the project footprint.

Beach Nourishment Locations. The BEACON Team has identified two possible locations for deposition of the export material, one is at Ash Avenue in Carpinteria and one is at Oil Piers in Ventura County. Both locations are with 2 miles of the construction site and both beaches are readily assessable.

Approval Process. The Rincon Trail Project is well underway in terms of project development with environmental approval is anticipated by the end of 2018. The Project Team and BEACON Staff agree that to include the beach nourishment element into the Rincon Trail project would be difficult, costly and would delay delivery of the Rincon Trail project.



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However, if BEACON takes the lead on securing environmental approval and permits for the deposition of excavated material at either Ash Avenue or Oil Piers Beach, then the Rincon Trail project could proceed unaffected. The goal would be that BEACON secures all permit approvals before the Rincon Trail Project is advertised for construction (scheduled for late 2020). If this occurs then the Rincon Trail Contractor can be directed through the Bid Documents (Special Provisions) to take the export material to the permitted beaches. It is estimated that transporting the export to the beach will result in a savings to the construction cost of the Rincon Trail Project.

Cost. It is estimated that the cost for BEACON to secure environmental approval and permits to allow the deposition of suitable beach quality material onto a single beach (either Oil Piers or Ash Avenue Beach) would require a minimum of \$200,000. BEACON does not have such funds in its reserves. Options for funding this level of effort include:

- Consider use of BEACON's Coastal Commission Sediment Mitigation Fund (approx. \$60K)
- Seek grant funding.
- Seek funding participation from SBCAG or City of Carpinteria.

Schedule. The time required to secure consultant services, complete environmental/design, and secure all permits is a minimum of eighteen months.

STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: 9

To: BEACON Board of Directors
From: Gerald Comati
Date: September 12, 2018

Subject: Hazard Mitigation Plan

Required Action:

- a. Receive a report from Staff on the potential for BEACON to prepare a Hazard Mitigation Plan and provide direction.

DISCUSSION:

Currently, FEMA administers three programs that provide funding for eligible mitigation planning and projects that reduce disaster losses and protect life and property from future disaster damages. The three programs are the Hazard Mitigation Grant Program (HMGP), the Flood Mitigation Assistance (FMA) Program, and the Pre-Disaster Mitigation (PDM) Program.

The Hazard Mitigation Grant Program (HMGP)

The purpose of HMGP is to help communities implement long-term hazard mitigation measures following a Presidential Major Disaster Declaration. The key purpose of this grant program is to implement mitigation measures that will reduce the risk of loss of life and property from future similar disasters. The HMGP can fund both planning efforts (environmental/permits/design etc.) and capital projects (construction).

The Flood Mitigation Assistance (FMA)

The goal of the FMA program is to reduce or eliminate long-term risk of flood damage to structures insured under the National Flood Insurance Program (NFIP) claims under the National Flood Insurance Program (NFIP). The FMA program can fund planning efforts (environmental/permits/design etc.) and capital projects (construction).

The Pre-Disaster Mitigation (PDM)

The PDM program is designed to assist communities in implementing a sustained pre-disaster natural hazard mitigation program. The goal of the program is to reduce overall risk to the population and structures from future hazard events and to reduce reliance on Federal funding in future disasters. The PDM program can fund planning efforts (environmental/permits/design etc.), capital projects (construction) and public awareness about reducing future losses before disaster strikes.

Application to BEACON

Through one or more of the programs described above, BEACON has the potential to seek FEMA funding in the following project categories that



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are consistent with BEACON's mission and are recognized by FEMA. Some of these projects are already being implemented by BEACON's member agencies.

Category: Erosion -

- Mapping and assessment of coastal erosion vulnerability.
- Assist member agencies to develop policy re/ development in erosion vulnerable areas.
- Stabilization of erosion hazard areas through plantings, sand dunes, marine habitat re-instatement, and coastal stabilization methods,

Category: Sea Level Rise -

- Mapping and assessment of coastal vulnerability due to SLR.
- Assist member agencies to develop policy re/ development in SLR vulnerable areas.
- Preserve high-hazard areas as open space.
- Protect/restore natural buffers with beach nourishment, sand dunes, implement sediment trapping vegetation.

Category: Storm Surge -

- Mapping and assessment of coastal vulnerability due to storm surge.
- Implement coastal project(s) to trap sand along beaches and mitigate beach erosion.
- Install natural buffers with beach nourishment, sand dunes, implement sediment trapping vegetation.

Eligibility

BEACON as a JPA is eligible to apply for FEMA funding. However, in most cases, applications for FEMA funding requires that a Hazard Mitigation Plan (HMP) has been completed by the applying entity and approved by FEMA. Both the County of Santa Barbara and the County of Ventura, with participation from almost all of the cities within the two Counties, have completed Hazard Mitigation Plans. The plans are comprehensive in discussing a very broad array of potential hazards which includes SLR and coastal erosion. However, Staff is recommending that BEACON prepare its own a regional Hazard Mitigation Plan focusing on coastal vulnerability in order to significantly improve the chances of a grant award. The plan could be consistent with BEACON member agency coastal plans, would be prepared by BEACON staff and would include reference to BEACON's Coastal Regional Sediment Management Plan (CRSMP) adopted by BEACON in 2009.

STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: 10

To: BEACON Board of Directors
From: Executive Director
Date: September 12, 2018

Subject: Nature Conservancy Resolution for California's Coastal Future

Required Action:

- a. Consider approval of a Resolution to Adopt and Advance a Vision for California's Coastal Future.

DISCUSSION:

The mission of The Nature Conservancy (TNC) is to "conserve the lands and waters on which all life depends." The Conservancy pursues non-confrontational, pragmatic solutions to conservation's challenges working with partners including indigenous communities, businesses, governments, multilateral institutions, and other non-profits. The Conservancy's work focuses on the global priorities of Lands, Water, Climate, Oceans, and Cities and it is involved in conservation in 72 countries, including all 50 states of the United States. The Nature Conservancy is the largest environmental nonprofit by assets and by revenue in the Americas.

During the last ten years, The Nature Conservancy has been involved in the development of coastal hazard mapping along both the east and west coasts of the nation. This resource has been utilized by BEACON member agencies in the development of coastal resilience and adaptation planning efforts.

The Nature Conservancy has recently developed a resolution for California's Coastal Future and is asking all coastal agencies to adopt the resolution.



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Proposed Resolution of the Board of Directors of the Beach Erosion Authority for Clean Oceans and Nourishment (BEACON) to Adopt and Advance a Vision for California’s Coastal Future

WHEREAS, Santa Barbara and Ventura counties are home to critical natural resources such as its beautiful beaches, diverse coastal habitats, and scenic trails and wilderness that provide important benefits to the community, are cherished by residents, and make the areas must-see destinations for tourists from around the world. The quality of life and economic vitality are rooted in the stewardship of these critical cultural and natural resources.

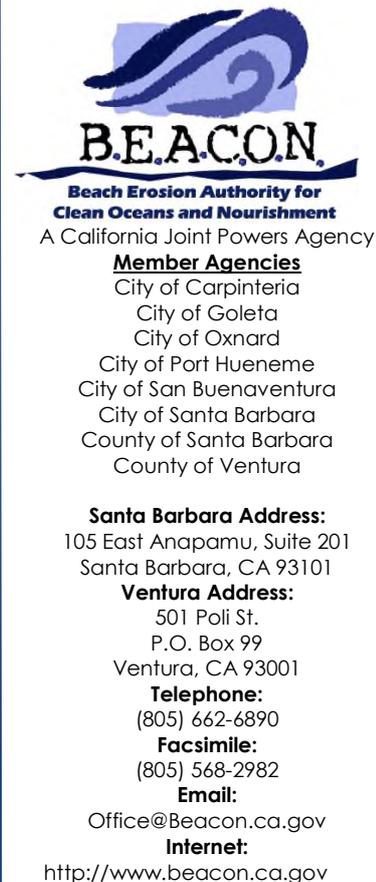
WHEREAS, the coastal habitats in the counties of Santa Barbara and Ventura provide important ecosystem benefits and services to our region and beyond, including filtration of runoff and pollutants, nesting areas for shore birds including endangered least terns and snowy plovers, nursery habitats for fish, support to commercial fisheries, buffers against wave and storm surge, carbon sequestration and recreational opportunities.

WHEREAS, recognizing the need protect and safeguard the critical coastal and ocean resources in the Santa Barbara and Ventura region, the Beach Erosion Authority for Clean Oceans and Nourishment (BEACON) was established in 1986 to address coastal erosion, beach nourishment and clean oceans within the Central California Coast from Point Conception to Point Mugu.

WHEREAS, extreme events in the region, such as the Thomas Fire and the subsequent rain event and debris flow, have had devastating impacts on our communities and resources, and left our leaders and residents with difficult decisions regarding response, sediment management, and long-term recovery.

WHEREAS, in recognition of the growing and urgent need to begin planning for the potential impacts of climate change and sea level rise on our coastline, the counties have initiated *Coastal Resilience Santa Barbara* and *Coastal Resilience Ventura*, multi-year planning projects to model and map future coastal hazards due to sea level rise, assess vulnerabilities, and identify resilience measures and adaptation strategies that can be taken to prepare the region for the impacts of sea level rise.

WHEREAS, a comprehensive, statewide habitat assessment by the California State Coastal Conservancy and The Nature Conservancy, “*Conserving California’s Coastal Habitats: A Legacy and A Future with Sea Level Rise*,” found that 59% of current habitat by area throughout California is highly vulnerable to five feet of sea level rise.





78% of Santa Barbara and Ventura County beaches are highly vulnerable to five feet of sea level rise. The study presents a blueprint for conservation and adaptation of coastal habitat in the face of sea level rise, through which it is possible to achieve no net loss of habitat with five feet of sea level rise in California, but only with concerted, coordinated and sustained action. Santa Barbara and Ventura County will be critical contributors to maintaining the statewide extent of coastal habitats.

NOW, THEREFORE, the Board of Directors of BEACON hereby:

RESOLVE that BEACON will adopt the following coastal vision:

In science-guided, collective action, we will maintain and enhance California's coastal habitats in the face of sea level rise, other climate change-induced challenges, and development, ensuring a protected coast for future generations to enjoy, replete with as much or more habitat and wildlife, as well as social, economic, and recreational benefits, as we have today.

AND FURTHER RESOLVES that BEACON reaffirms its commitment to the conservation of its coastal natural resources. BEACON will commit to the following actions to advance the coastal vision:

1. Use the coastal vision to help prioritize opportunities to advance coastal resource protection and adaptation.
2. Encourage the consideration of coastal habitat and beach resilience in adaptation planning for our communities and infrastructure.
3. Use the data and results from the coastal habitat assessment to help inform resource protection, adaptation and our ongoing sea level rise and coastal hazards planning and policy development, including updates to the Coastal Regional Sediment Management Plan.
4. Provide leadership and coordinate with the counties and cities within the region to advance adaptation planning, and encourage partners to also adopt the coastal vision and commit to actions towards the vision.

STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: #11

To: BEACON Board of Directors
From: Dr. Jim Bailard
Date September 12, 2018

Subject: Debris Flow Beach Deposits – What Have We Learn

Required Action:

- a. Receive a presentation from Staff on the comparative experiences of Goleta Beach and Carpinteria Beach after deposition of sediment from the January 2018 Debris Flow event.

DISCUSSION:

Receive a report from the Technical Advisor, Dr. Bailard, on the lessons learned when assessing the comparative experiences of the post debris flow event sediment depositions at Carpinteria Beach versus that at Goleta Beach.



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STAFF REPORT

Meeting Date: September 21, 2018
Agenda Item: #12

To: BEACON Board of Directors
From: Executive Director
Date September 12, 2018

Subject: Executive Director's Report and Communications



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