

MSRP Trustee Council Meeting –December 1-2, 2009

MINUTES

DECEMBER 1, 2009 10:00AM – 5:00PM

LONG BEACH FEDERAL BUILDING
3RD FLOOR CONFERENCE ROOM

MEETING CALLED BY	Jennifer Boyce
TYPE OF MEETING	MSRP Trustee Council Meeting – 2010 Budget Draft discussion and review
ATTENDEES	Jennifer Boyce, MSRP Program Manager
	Gabrielle Dorr, MSRP
	Kate Faulkner, National Park Service
	Jim Haas, US Fish & Wildlife Service
	Laurie Harvey, National Park Service
	Laird Henkel, California Department of Fish & Game
	Annie Little, MSRP
	Jennifer Lucchesi, California State Lands Commission
	Dave Mazurckiewicz, National Park Service
	Chris Plaisted, NOAA
	Sharon Taylor, US Fish & Wildlife Service
	Patty Velez, California Department of Fish & Game
	Dave Witting, MSRP
	Lisa Wolfe-Kolbe, California Department of Fish & Game
	Guest presenter: Delna Balsara, Pavement (video kiosk presentation)
NOTE TAKER	Vanessa Nalle, MSRP

SUMMARY OF HANDOUTS

HANDOUT (1)	MEETING AGENDA
HANDOUT (2)	MSRP DRAFT PROPOSED 2010 BUDGET
HANDOUT (3)	MSRP DOI NRDA ACCOUNT SUMMARY
HANDOUT (4)	STATUS SUMMARY SHEET OF MSRP COST DOCUMENTATION PACKAGES
HANDOUT (5)	SAN NICOLAS ISLAND SEABIRD RESTORATION PROJECT ALLOCATED COSTS
HANDOUT (6)	BALD EAGLE RESTORATION PLAN TIMELINE
HANDOUT (7)	CALIFORNIA CONDORS & DDE WHITE PAPER BY JIM HAAS
HANDOUT (8)	CONDOR REINTRODUCTION FEASIBILITY ASSESSMENT

AGENDA TOPIC

INTRODUCTION & OVERVIEW OF MEETING OBJECTIVES

JENNIFER BOYCE

DISCUSSION	<p>Meeting goal: review and discuss draft MSRP draft 2010 budget and present accomplishments and highlights of Phase 1 restoration work.</p> <p>A resolution to formally adopt the 2010 budget will be sent out once the draft is approved by the Trustee Council.</p> <p>No additions made to the meeting agenda.</p> <p>Introductions were made by those in attendance.</p>
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AGENDA TOPIC		APPROVAL OF PREVIOUS MEETING SUMMARIES	JENNIFER BOYCE
DISCUSSION	No previous meeting summaries were approved.		
AGENDA TOPIC		RATIFICATION OF MSRP COST DOCUMENTATION PACKAGES	JENNIFER BOYCE
DISCUSSION	<p>Council received a handout (4) summarizing the status of all MSRP agency cost packages. The following MSRP cost packages were ratified by the Trustee Council:</p> <ul style="list-style-type: none"> • C DPR 2003-2005 \$8135.91 motion made by Jennifer Boyce, seconded by Jim Haas • CSLC 2005 \$12,360.49 motion made by Jennifer Boyce, seconded by Jim Haas • USFWS 2006 \$365,434.36 motion made by Jennifer Boyce, seconded by Kate Faulkner • NOAA 2007 \$820,153.33 motion made by Kate Faulkner, seconded by Patty Velez • CDFG 2008 – 47434.54 motion made by Jennifer Boyce, seconded by Kate Faulkner <p>Trustee Council members voted and approved ratification of these cost packages.</p>		
AGENDA TOPIC		ACCOUNT BALANCES AND INVESTMENT DECISIONS	JIM HAAS
DISCUSSION	<p>Jim Haas discussed MSRP account balances and the DOI investment accounts</p> <ul style="list-style-type: none"> • Reference to handout (3) of MSRP DOI NRDA accounts balance sheet: • Noted: DOI NRDA account info is accessible on line to anyone, including the public <ul style="list-style-type: none"> ○ The balance of funds is currently \$28,944,795.44 plus a \$ 300,000 interest payment that will be added to the account in December 2009. ○ Noted by Jennifer Boyce, there are some opportunities with EPA for data gathering and there is \$10M in swing money that the EPA can access. The question was raised if there a formal process to access it and does MSRP get to weigh in. ○ Almost \$7M in interest has been earned since the account was opened. ○ \$18M T-Note will mature end of December 2009 and will result in \$300K in interest which will be reinvested. ○ \$10M investment will also mature in a roll-over account and needs to be re-invested. ○ The best option is a 5.75% interest rate account which matures 8/15/2010 <ul style="list-style-type: none"> ▪ Council agreed to try and put the money into this fund. ○ \$5M will go into 30 day roll-over account and the rest will go in the investment fund . 		
AGENDA TOPIC		2010 MSRP BUDGET OVERVIEW	JENNIFER BOYCE
DISCUSSION	Council received a handout (2) MSRP draft proposed 2010 budget. Jennifer Boyce discussed each section of the budget with the trustee council. Edits were made, which will be sent out to the council in the revised budget for council approval.		
AGENDA TOPIC		Overview and Discussion on Project Funding and Review of 2009 Accomplishments	FISH RESTORATION – DAVE WITTING
DISCUSSION	<p>Budget and cost detail handouts were distributed to the council: (5) proposed draft 2010 MSRP budget: Total budget is \$3,604,666</p> <p>2009 Fish Restoration Highlights</p> <p><u>Huntington Beach Wetlands Project –</u></p> <ul style="list-style-type: none"> • MSRP funding covered the costs for restoring the Talbert marsh, which primarily included dredging the entrance and regarding the channel. • Some MSRP funding also went to the Brookhurst Marsh. • American Reinvestment and Recovery Act funds have been awarded to restore the Magnolia Marsh through the NOAA Restoration Center (~30 acres). • There is a live webcam mounted on the AIS building on the NOAA Restoration website ARRA page (Dave Witting will email the link to the council http://www.nmfs.noaa.gov/habitat/restoration/webcam.html) 		

- The Huntington Beach Wetlands site was selected as the location to launch the announcement of projects awarded funding through ARRA. \$3.3M came from ARRA for the Magnolia marsh.
- Orange County will maintain the tidal opening at the Talbert marsh.
- MSRP funded juvenile halibut tracking, community analyses, and food web analysis (using stable isotopes) in the Huntington Beach wetlands. It was found the adult halibut are not going into the Brookhurst Marsh, suggesting the new tidal channels may not be ready for adult halibuts, however, juvenile halibut are now using the tidal channels as nursery habitat. More recovery time in this part of the wetlands for functionality is needed.
- A "fish cam" will be placed in the HB wetlands site and be linked to an interactive kiosk in the wetlands visitor center.

Belmont Pier Artificial Reef

- Fishing opportunities will be restored at this site by building an artificial reef so anglers will have a greater diversity of fish available to catch, thereby increasing the chances that they will catch fish that are safe to consume. There may be a minimum depth limit of 12 ft that will limit the maximum relief of this reef, but this needs to be verified by the City of Long Beach. The plan is to construct a series of modules in the fishing zones (and some outside of casting zones) that would tie into the existing artificial reef.
- The City of Long Beach will be the lead CEQA agency.
- The URS contract was finalized in September 2009.
- Hydrographic survey fieldwork complete.
- Geophysical survey field work complete.
- Geotechnical sampling complete and has found sand is 3-5 feet below the surface, which makes the area is very suitable for an artificial reef.
- Reports on all these surveys are still pending, should be complete by Feb-March.
- Benthic sampling will start in December 2009. Fish sampling will start January – February 2010.
- URS should have 90% of the designs done by spring 2010.
- A meeting with the City of Long Beach will be held in the next few weeks.
- The City of Long Beach is requesting an MOA and Dave Witting will set a meeting to discuss.
- No new funding is budgeted for reef design in the 2010 MSRP proposed budget since these costs are already included in 2009 allocations.

Fish Tracking Project with the EPA (Environmental Protection Agency)

MSRP will contribute \$150,000 for the EPA fish tracking project near the Palos Verdes shelf. Part of the \$100,000 budgeted for fish tissue analysis and collection will go toward the EPA fish tracking project. Columbia Lab in Washington was the lab selected to do the fish contamination analysis after the RFP process was complete.

- Dave Witting is proposing that MSRP fund the deployment of acoustic receivers and tagging of Barred Sand Bass (a species affected by the EPA's fish consumption advisory) in southern Santa Monica Bay. Dave Witting stated that this work will help to either confirm the need for restrictive advisories, or may allow OEHHA to reconsider the advisory. Either of these outcomes would help restore the harm caused by the advisory. Per Dave Witting, the sport fishing community is severely impacted by the fishing advisories, particularly by those affecting Barred Sand Bass in Southern Santa Monica Bay. Barred Sand Bass currently has a "do not consume" advisory.
- Acoustic receivers will be placed on sport fishing boats in the Santa Monica Bay to see if the fish tagged in Palos Verdes are moving north to Santa Monica Bay when they aggregate to spawn. These fishing vessels target the spawning aggregations, so they are likely to record tagged fish if they are there..
- Laird Henkel asked if they might have a bias to not find the fish.
 - Noted: The receivers are a blind device that will not alert the fishing boats.
- Laurie Harvey asked why not just sample in the area, why focus on movement?
 - Noted: Barred Sand Bass spend most of their time in a small area but move during the spawn season to join aggregations. Sampling for contaminants (which is something we will also do) will provide information about the contamination levels in the fish, but it does not tell us anything about where the fish are getting the contamination from. This has a lot of impact on the long-term effectiveness of EPA's capping activities on fish consumption advisories. EPA will be putting receivers on the sport boats that are fishing the Huntington Flats, which is another important spawning area for Barred Sandbass.
- Laird Henkel asked what value the tagging adds?
 - Noted: see above.

- The Orange County Sanitation District, the Port of Los Angeles and Port of Long Beach are also participating. The Los Angeles County Sanitation District and the City of Los Angeles are also interested in participating in the project, but have funding difficulties at this time.
- The fish tracking project will be done under a NFWF coop agreement with Cal State University, Long Beach.

AGENDA TOPIC

OVERVIEW AND DISCUSSION ON PROJECT FUNDING AND REVIEW OF 2009 ACCOMPLISHMENTS - CONTINUED

ANNIE LITTLE/ LAURIE HARVEY

DISCUSSION

2009 Seabird Restoration highlights

San Nicolas Island Seabird Restoration Project

The current status of the project indicates that few cats are left on the island. Trapping rate has slowed to approximately one cat every two weeks. Island Conservation thinks they are down to a handful of cats left on island.

Noted: During the pilot program seven cats were caught, and three of these cats died of causes unknown. The remaining four cats are still at the C.A.R.E. facility and are doing fine -they will probably stay there.

The HSUS Ramona facility can hold up to 100 cats. The original donation of \$100,000 was to build the structure and HSUS is still fundraising for the ongoing care costs. Annie Little will send the council the final conclusion letter about the dog issue.

Patty Velez asked about the response of HSUS with the dogs. John Hadidian made a suggestion to use dogs trained on scat not the actual animals. Annie Little had a follow-up call with John Hadidian of HSUS and reported back to him that no direct evidence was found of the dogs actually engaging the cats.

2009 Highlights include:

- April: Finalized EA and FONSI's
- June: Initiated project (after 5 yrs of planning)
- June: Completed Amendment to MOA with HSUS
- June-Nov: Caught and transferred 52 cats, 10 kittens to HSUS
- September: Council visit
- November: Dedication of Ramona facility
- 22,000+ trap nights
- 230+ trap sites
- Trap monitoring system very successful
- No serious field staff injuries
- Dog/cat issue: resulted in dogs being removed from island

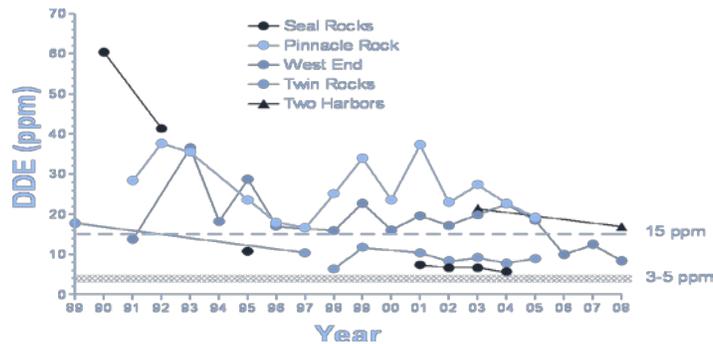
San Nicolas Island Plan for 2010

- Trap through end of Feb (3 more months)
- IC crew will leave island until June
- # of IC crew to return depends upon detection levels
- Cameras will remain in field
- IWS provide fox/cat care
- IWS will monitor foxes in June
- Follow-up seabird monitoring in 2011
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BALD EAGLE RESTORATION 2009

Catalina Island 2009:

- 7 pairs
- 6 active nests
- 1 nest failed; 5 successful
- 11 eggs hatched
- 11 fledged



Mean DDE concentrations by territory by year. Breaks in lines, such as for Seal Rocks, indicate a different female at the nest.

SUMMARY OF NCI PROGRAM 2002 -2009

	2002-2005	2006	2007	2008	2009
# Released	46	15	0	1	0
# Pairs	0	2	2	4	6
# Nests	0	2	2	4	3
Hatching Success	0	50% (2 of 4 eggs)	24% (1 of 4 eggs)	67% (4 of 6 eggs)	33% (2 of 6 eggs)
# Fledged	0	2 (A-49, A-61)	1 (A-63)	2 (A-64, A-65)	0
Nest Success*	0	100% (2 of 2)	50% (1 of 2)	25% (1 of 4)	0
# NCI Islands with nests	0	1 (Santa Cruz)	1 (Santa Cruz)	2 (Santa Cruz, Santa Rosa)	2
Total # of eagles on NCIs	~ 35 in 2005	35	30-35	30-35	30-35

* Nest success (% of occupied nests in which at least 1 young fledged)

Bald Eagles- Plan for 2010:

- Expect at least 7 pairs on Catalina, 8-10 pairs on NCIs
- IWS budget \$60 K lower due to reduced personnel costs
- Analyze 2009-2010 samples at Columbia Analytical
- 2 web cams on Catalina, 1 on Santa Cruz Island
- Annie Little will ask for a break-down of the eagle cam costs. It seems really high for one camera and the Trustee Council wants to have a sense of what they are paying for each year

SANTA BARBARA ISLAND RESTORATION 2009

Seabird Survey Work 2009 (Reports forthcoming)

- First Nesting Cassin's Auklets found since 1990s!!!!
- Extensive spotlight surveys
- Encountered CAU in Landing Cove (where broadcast system plays)
- Prey sampling aboard RV Shearwater
- At-sea radial surveys (all species, compare to 1980s)
- Banding (land and at-sea) for CAU, ASSP, XAMU
- Expanded nest surveys for XAMU
- Initiated Barn Owl predation surveys
- PIGU and BLOY/AMOY boat surveys
- Continued PECO, DCCO, BRCO, and BRPE surveys

Re-vegetation Work

Four Restoration Sites

- 4.5 Acres presently

Two Nurseries

- Good 2009 crop = 5,000 plants

Out-planting In Progress:

- 2,000 plants in the ground so far
- Out-planting will continue through Feb 2010
- No rain to date ☹

Restoration Sites

4.5 Acres

Northeast Flats

- Coreopsis Scrub, Coastal Sage Scrub (CSS)

Landing Cove

- Sea Cliff Scrub, Coastal Sage Scrub, Boxthorn Scrub

Prohibition Point

- Sea Cliff Scrub

Sage Plots

- Coastal Sage Scrub

Elephant Seal Cove Cliffs

- Sea Cliff Scrub

Restoration Sites: Data Collection

Pre-Planting surveys:

- Percent cover (native, exotic, bare)
- Photo points

Exotic vegetation removal, plot maintenance:

- Hand removal (effort)
- Hand watering (much effort)

Out planting Success:

- Overall plant survivorship (by species; winter survey)
- Percent cover changes (fall, spring)
- 2009: survival by size-at-planting (due in Feb 2010)

Restoration Sites: Year One Plant Survival

**Prohibition Point
(September 2007 to January 2009)**

Species	n	% Survivorship
Saueda	21	52%
Silver Lace	36	44%
SBI Buckwheat	30	33%
Total	N=87	43%

- *An additional 122 plants installed in Fall 2008.*
- *Target density is 150 survivors in this 1/10 acre plot.*
- *We will add 100 plants to this plot in Dec 2009-Jan 2010.*

These are first-year survivorship results from the 2 pilot areas where we began restoration in fall 2007. Overall survival in the Prohibition Point XAMU plot was about 43%; we did almost 20% better in the North Peak plot, at 62% overall. Pro Pr: Sept 2007-Jan 09; NPK Nov 2007 to Feb 09

Restoration Sites: Year One Plant Survival

**Northeast Flats
(September 2007 to January 2009)**

Species	n	% Survivorship
Coreopsis	170	76%
Silver Lace	129	62%
Saueda	108	62%
SBI Buckwheat	165	62%
Total	N=572	46%

**An additional 750 plants installed in Fall 2008 (S=55%).
 Target density is 3,000 survivors in this 1.5 acre plot.
 We will add 1,000 plants to this plot in Dec 2009-Jan 2010.**

These are first-year survivorship results from the 2 pilot areas where we began restoration in fall 2007. Overall survival in the Prohibition Point Xamu plot was about 43%; we did almost 20% better in the North Peak plot, at 62% overall. Pro Pr: Sept 2007-Jan 09; North Peak Nov 2007 to Feb 09.

Restoration Sites: 2010 Plans

- Recommence Auklet broadcast at Northeast sites, December 2009
- Build new permanent nursery (April-May 2010)
- Grow minimum 5,000 plants for 2010 out planting
- Continue plot maintenance (water and weed)
- Initiate study of grassland restoration (weed control, seedling recruitment) Fall 2010
- Expand Western restoration area above Elephant Seal Cove (additional ½ acre)
- Initiate 2nd Auklet Broadcast system at ESC, December 2010

Seabird Restoration Budget Discussion

- Laurie Harvey is proposing to build a permanent nursery at Scorpion Ranch, Santa Cruz Island
 - Infrastructure is already there, plenty of water
 - The park is supporting this
 - The nursery can be permanent and will be in an area that is not being used or developed in the next ten years.
- Laurie wants to hire a full-time technician to maintain the nursery and work on Scorpion Rock
- The Trustee Council agreed to purchase a CTD instead of renting one. NPS will buy the CTD and claim ownership of the equipment after the life of the project.
- Adding in \$15K for transportation contingency in case the Shearwater cannot be secured for all of the survey work.
- There was some discussion about purchasing a boat for use on the seabird surveys. People agreed that if the NPS would house and crew the boat then it might work. . You only need a six-pack license to drive the boat. It can get to Santa Barbara Island quicker than the park boats and uses less fuel.
- There was some discussion about creating a desalination plant on Santa Barbara Island. Laurie will come back to the council when she is ready to present that idea.

AGENDA TOPIC	OVERVIEW AND DISCUSSION ON PROJECT FUNDING AND REVIEW OF 2009 ACCOMPLISHMENTS - CONTINUED	GABRIELLE DORR OUTREACH
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DISCUSSION	<ul style="list-style-type: none"> • MSRP e-newsletter introduced in 2009 (3 issues in 2009) • Added new features and updated look of MSRP website • Added two new outreach events: <ul style="list-style-type: none"> ○ Los Angeles Environmental Fair (Pasadena, CA) ○ Celebra la Ciencia (Los Angeles, CA) • Awarded three outreach mini-grants (total \$30K) <ul style="list-style-type: none"> ○ Redondo SEA Lab ○ Asian Youth Center ○ United Anglers of Southern California • Chinese version of comic book and fish ID card were completed and printed • Completed a Fishing Education Plan <ul style="list-style-type: none"> ○ Outreach Tools from the Fishing Education Plan <ul style="list-style-type: none"> ○ Safe Fishing Interpretive Signs ○ General MSRP Interpretive Signs ○ Outreach to local fishing groups ○ MSRP Comic Book ○ MSRP Fish Identification Card ○ Cabrillo Marine Aquarium (CMA) Fish Contamination Education Curriculum ○ Outreach mini-grants ○ Permanent Exhibits ○ Fish webcam ○ Films/Media • Completed two films <ul style="list-style-type: none"> ○ Santa Barbara Island Restoration ○ Huntington Beach Wetlands Restoration
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Currently there is \$30,000 per year allocated for ongoing outreach activities. This amount or more would be needed to maintain future outreach activities in Phase II.

There is \$800,000 remaining in fishing outreach from Phase one. The Fishing Education Plan outlines a budget to spend some of these remaining funds. There was also a discussion about increasing the outreach mini-grant funding back to \$15K per program in future years. Gabrielle also brought up the idea of giving funds to particular programs to continue educational projects that are successful instead of issuing an RFP. This was agreed upon by council members but will probably require another discussion in the future.

AGENDA TOPIC

MSRP KIOSK PRESENTATION

DELNA BALSARA

DISCUSSION

Pavement Inc. representative, Delna Balsara gave an augmented reality software demonstration being considered for an interactive kiosk at the Huntington Beach Wetlands Visitor's Center.

- Have any kiosks been deployed?
 - Yes, with baseball cards
 - Infinity car company has used the kiosks
 - Technology has been improved dramatically
- Is there a charge per web hit for the software download from the website?
 - No, we pay a one-time software licensing fee
 - The software licensing fee will include 3 content changes
 - When they click on the link, the software is downloaded automatically
 - We can measure hits that we get
 - We could have the software on a laptop at outreach events
- How easy is it to transport the kiosks?
 - These are going to be permanent kiosks

The point of the kiosk is to drive people to your website and to make the life of the brochure content more valuable.

- Do you have any pictures of places where any of these are deployed?
 - Delna showed some pictures of kiosks that Pavement has deployed in the past for a Lexus show
- How high is the kiosk?
 - We can work with the height when we are designing the kiosk.
- How do we ensure maintenance of the kiosk? Who would do the maintenance? Would it be Pavement?
 - We are purchasing a maintenance plan for 5 years.
 - The maintenance plan will be directly handled by the vendor not Pavement.
- -Upgrading software? Is this possible in the future?
 - Yes, software upgrades are included in the maintenance plan.

END MINUTES

MEETING ADJOURNED 5:00PM

JENNIFER BOYCE

MSRP Trustee Council Meeting –December 1-2, 2009

MINUTES **DECEMBER 2, 2009** 9:00AM – 3:30PM LONG BEACH FEDERAL BUILDING
3RD FLOOR CONFERENCE ROOM

MEETING CALLED BY	Jennifer Boyce
TYPE OF MEETING	MSRP Trustee Council Meeting – MSRP Phase 2 discussion
ATTENDEES	Jennifer Boyce, MSRP Program Manager
	Gabrielle Dorr, MSRP
	Kate Faulkner, National Park Service
	Jim Haas, US Fish & Wildlife Service
	Laurie Harvey, National Park Service
	Laird Henkel, California Department of Fish & Game
	Annie Little, US Fish & Wildlife Service
	Jennifer Lucchesi, California State Lands Commission
	Chuck McKinley, DOI Office of the Solicitor
	Sharon Taylor, US Fish & Wildlife Service
	Patty Velez, California Department of Fish & Game
	Dave Witting, MSRP
	Lisa Wolfe-Kolbe, California Department of Fish & Game
NOTE TAKER	Vanessa Nalle, MSRP

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AGENDA TOPIC

GENERAL DISCUSSION

ALL

DISCUSSION	<p>Council members held a continued discussion about the interactive kiosk. Gabrielle Dorr will follow up on council questions and maintenance agreement costs and details. The total cost for the kiosk is \$127,260 including a ten year licensing agreement (maintenance costs, maintenance agreement not included). An updated budget was sent out to the council on Dec. 16, 2009.</p> <p>The primary purpose of the kiosk is to educate the public about safe fishing practices and to have them make informed decisions about what fish to catch and eat. Current outreach materials such as the MSRP Fish ID card, What's the Catch comic book, fish advisory information could be used with the kiosk. Bald eagles, wetlands, seabirds could also be included in the kiosk information.</p> <p>Jenifer Boyce recommended putting the amount for the kiosk into the budget. Maintenance costs and the difference between 5 and 10 year plans will be discussed on the December trustee council conference call.</p>
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AGENDA TOPIC

REVIEW OF PREVIOUS PHASE TWO DISCUSSION AND
REVIEW OF PHASE ONE SPENDING

JENNIFER BOYCE

DISCUSSION	<p><u>TOTAL SETTLEMENT ESTIMATED:</u> \$38M <u>PHASE ONE ALLOCATED:</u> \$25M</p> <ul style="list-style-type: none"> • Fish and Fish habitat \$12M • Birds \$13M <p>(Eagles: \$6.2 million with a balance of \$1-2 million. Deferred decisions until results are known. Allocation for seabird restoration: \$6.5 million)</p> <p><u>Total to Allocate:</u> \$13M???</p> <p>Current Balance in DOI Fund- \$30 Million</p> <ul style="list-style-type: none"> • Fish - Fish Habitat \$8 million • Bald Eagles and Falcons \$3.5+ million • Seabirds \$2.65+ million • Operating costs \$1 million per year • Outreach \$30,000 per year • Data Gaps \$??? <p>The original costs of Scorpion Rock were underestimated in the original budget. Jennifer Boyce explained how the San Miguel island money will be allocated to cover costs for Santa Barbara Island, San Nicholas Island, Scorpion Rock / Santa Cruz Island.</p> <p>The Trustee Council requested printed copies of MSRP Phase One restoration balance sheet.</p> <p>Budget summary and recommendation made is to use the roughly \$9M left of allocated money from Phase 1+ \$20M to allocate for Phase 2.</p> <p>The restoration plan that will be written for Phase 2 Restoration will be will include contingencies that would allow program to allocate any remaining funds following implementation of Phase two on similar activities so as not to require the writing of a Phase 3 restoration plan.</p> <p>Lisa Wolfe-Kolb thinks that the state would want to see an addendum reflecting the increase in spending for Phase 2. Noted by Jennifer Boyce: the EA will tier off of the EIS.</p> <p>Laird Henkel raised question if data gap should be included in the written Phase 2 plan.</p> <p>Phase 2 allocation notes: Jennifer Boyce said to include decision about how Operating costs will be presented in the Phase 2 restoration plan. Patty Velez raised the question about total operating costs and if they should be included yearly, covered by interest, or listed through the projected end date of 2017 at \$1M per year.</p> <p>Outreach allocations will be divided into general outreach and also project specific outreach.</p>
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AGENDA TOPIC

PHASE TWO FISH RESTORATION PROPOSED ALLOCATION BREAKDOWN

DAVE WITTING

DISCUSSION	<ul style="list-style-type: none"> • Rocky Reef Restoration \$ 6 Million • Kelp Forest \$2.2 Million • Wetlands \$????? <p><u>\$6M Rocky Reef Restoration</u></p> <p>Area being considered is on the Palos Verdes Shelf between White Point and Bunker Point, and was affected by the Portuguese Bend landslide. Surveys have shown 200 acres of impacted reef and this cost would restore approximately 90 acres of modules that would extend beyond the area because of scoping.</p> <p><u>\$2.2M Kelp Forest Restoration</u></p> <p>This area is also on the Palos Verdes Shelf consisting of 25-30 acres impacted by high urchin densities. Restoration would involve a partnership between the Santa Monica Restoration Commission, Santa Monica Baykeepers and commercial urchin divers. Kate Faulkner asked what keeps the urchins from coming back. Per Dave the project would require some maintenance and there is no guarantee the urchins won't come back. However, there are restoration sites in both Santa Monica Bay that were restored 5-7 years ago which still support healthy kelp forests. The goal is to do the restoration before the area is an MPA under the way that MPA are currently involved because it involves the take of urchins. Dave feels that using the urchin divers and and volunteer divers in the role of predator in the area is a positive outreach and education tool. This proposal is implementable immediately. Monitoring and maintenance is built into the budget amount.</p> <p>Dave Witting can distribute the preliminary kelp forest proposal and other details will be outlined in the Phase two restoration plan.</p> <p>Chuck McKinley asked if the urchins are fished commercially – Per Dave, red and purple urchins are both fished commercially, but the more highly valued urchins are red urchins while the purple urchins are dominant in urchin barrens. Jim Haas asked if there are other concerns aside from urchins for kelp recruits once they are big enough. The urchin barrens are the primary recruitment limiter for the area proposed for restoration. There is an ample supply of kelp recruits.</p> <p><u>Wetlands ???</u></p> <p>Does the council want to allocate more funds for wetlands projects? Four possible projects:</p> <ol style="list-style-type: none"> 1) Additional funding for Bolsa Chica Wetlands is non-preferred 2) Colorado Lagoon in Long Beach (~10 acres)- funding needs would probably be small and there is good momentum with Port of LB and the Army Corps 3) Ballona Wetlands - 1-2 acre section next to larger area that Port of LA will do mitigation with a cost of ~ \$1.2M 4) Prisoners on Santa Cruz Island – NPS is putting out final EIS in Feb 2010 and hope to move dirt in fall of 2010. 3 acres of removing fill and removing dense Eucalyptus in the wetlands area. The tidal connection would be berm breaches during stormy weather. Per Kate there would not be a fish benefit. <p>Sharon Taylor suggested Buena Vista Lagoon – USFWS is doing the engineering now. Sharon said she would find out the funding need.</p> <p>Jennifer Boyce recommends putting short near term and long term concepts in the plan for opportunities for wetlands restoration.</p>
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AGENDA TOPIC

PHASE TWO BIRD RESTORATION PROPOSED ALLOCATION BREAKDOWN

ANNIE LITTLE / LAURIE HARVEY

DISCUSSION	<p>Annie Little summarized the bald eagle restoration program from 2001- 2017. MSRP started funding in 2001 – as of 2009 \$4.7M has been spent on both Catalina and NCI Bald eagle restoration. More time is needed to evaluate NCI breeding program (all eagles are not at breeding age yet). If the remaining \$1-2M remaining of Phase 1 money is spent, it will take the program through 2012.</p>
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The proposal is to continue the program through 2017 with annual monitoring for \$3M. The cost is scalable depending on monitoring. Patty Velez suggested stopping at 2015 and doing monitoring every other year like the peregrine falcons. Annie Little recommends 10 years out from the time that all the birds reach breeding age. Chuck McKinley questioned the \$500K yearly cost of monitoring and he feels the cost is high. Kate Faulkner suggested considering nest enhancement on NCI past nest sites – especially on islands that are underutilized. Annie will follow up with Peter Sharpe on the idea of nest enhancement.

Jim Haas suggested trying to gather data on immigration of birds from the mainland.

Bald eagle restoration total spent 2001- 2017 is ~ \$9.5M over 17 years (~ \$500,000 per year)

BALD EAGLE RESTORATION – NOTHERN CHANNEL ISLANDS

2001	Phase 1 funding begins
2002	Start of NCI program
2006	End of releases; first chicks on Santa Cruz Island
2008	First breeding on Santa Rosa Island
2009	5 pairs on NCIs - \$4.7M spent
2011	10 year mark from start of program
2012	End of Phase 1 - \$6.5M spent
2013-2017	Phase 2 funding begins: \$3M for 5 years
2015	10 year mark from first breeding

BALD EAGLE RESTORATION – CATALINA ISLAND

1989- 2007	Artificial incubation
2008	First nest unassisted
2009	All nests unassisted – 11 chicks
2010	30 year mark of overall program – 10 year funding MSRP

PEREGRINE FALCONS - \$500,000

Includes 2 comprehensive surveys on the Channel Islands to monitor recovery. Surveys would take place every 4-5 years.

The report from Brian Latta is one year overdue.

One more survey is left for Phase 1. Annie Little will do an RFP for Phase 2 survey work.

SEABIRD RESTORATION

- Restore Ashy Storm Petrels (Anacapa and Santa Cruz rocks) \$500,000
- Continued Restoration Santa Barbara Island \$2++ Million
- Prince Island Restoration \$105,000
- Disturbance Reduction \$100,000

Restore Ashy Storm Petrels

Some locations for habitat enhancement on Anacapa have been identified to restore Ashy Storm Petrels. Laurie Harvey feels there is a lot of potential on Anacapa island and the frequency of boat trips and existing equipment make the logistics of implementation easier. This project would also involve continued restoration efforts at Santa Cruz Island.

Continued Restoration at Santa Barbara Island

Continuation of the Santa Barbara Island Restoration Project is estimated to costs \$2M+ for an additional ?? years,. The project would include maintaining current restored areas and adding new ones.

Prince Island Restoration

Prince Island project proposal would be to remove crystalline ice plant and do revegetation work to restore habitat for Cassin's Auklets.

Disturbance Reduction

Ashy Storm Petrel disturbance reduction on Santa Cruz Island is going well. There are other areas where breeding birds could benefit from signage. One option is to work with the Command Seabird Protection

	<p>Network and Torch Trustee Council. Working with NMS program mailers to include information might be an option. Private boaters are the main source of disturbance problems.</p> <p>Kate Faulkner asked if there is any consideration for mitigation of fishing gear - derelict gear, bird hooking, lights from boats (squid boats and recreational boats - observer program) and climate change</p> <p>Laird Henkel pointed out that there reduction of entanglement was part of the Phase 1 plan and hasn't been done yet.</p>
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AGENDA TOPIC	PHASE TWO OUTREACH PROPOSED ALLOCATION BREAKDOWN	GABRIELLE DORR
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DISCUSSION	<p>\$30,000 allocated per year is for ongoing outreach activities. Funding at this level or higher would be required for future outreach activities.</p> <p><u>Ongoing Outreach Activities</u></p> <ul style="list-style-type: none"> • Outreach Products (website hosting, fact sheets, updates, new publications) • Outreach Events (conferences, public workshops, special events) • Other (press trips, staff time, photography) <p><u>Other Future Activities to Consider</u></p> <ul style="list-style-type: none"> • Films • New events/audiences
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AGENDA TOPIC	DATA GAPS AND RESTORATION PLANNING	LAURIE HARVEY
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DISCUSSION	<p>Costs are TBD not included in Phase 2 allocation</p> <ul style="list-style-type: none"> • Marine Mammal Contaminant Study-Condor Risk Exposure Feasibility Study • Pilot Light Study • Prince Island Data • Pelagic Cormorants • XAMU Eggshell • EPA remedial contaminants – Fish • Seabird egg contaminant • Stable Isotopes Seabirds • 2000 and 2001 SBI At Sea Data Write Up
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AGENDA TOPIC	DISCUSSION ON CALIFORNIA CONDOR FEASABILITY STUDY	JIM HAAS
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	<p>Jim Haas referred to White Paper emailed to the council.</p> <p>Condors would have historically met the definition for injury during the trial but were not considered as so few birds were in the wild at the time. Condors reintroduced into Big Sur are known to forage on marine mammals and are experiencing egg shell thinning. The condors in Big Sur do not have a fledging rate that is sustainable due to DDE exposure.</p> <p>Marine mammals are feeding in the Southern California Bight and developing high loads of DDT. Jim feels a case can be made to consider Condors for restoration activities.</p> <p>Noted by Jim Haas, the high levels of DDT in the condors is likely is related to Montrose.</p> <p>FWS and several zoos are partnering to spend \$5M year on the current condor program maintaining reintroduced condors.</p> <p>There are 22 condors in California and 350 condors in the wild. A blue ribbon panel was put together to evaluate the condor program to create a sustainable naturally reproducing population of condors. The panel's number one recommendation was to eliminate the threat from lead poisoning. The panel wants to ban lead ammunition used in hunting (condors feed on carcasses killed with lead bullets) – however hunting is a food source so hunting should continue.</p> <p>One option is to continue short term supplemental feeding (eventually phase it out). Jim is proposing to evaluate contaminant exposure through marine mammal carcasses.</p> <p>Should populations be manipulated to be sustainable – consider for evaluating new release areas.</p>
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Northern California is the next area being considered for condor reintroduction. Northern California and Oregon coastal tribes are supportive. Controlled areas could ban use of lead on an extensive area.

Eggshell thinning has been in excess of 33% - evidence of ongoing injury. World population is 350 and wild population is 150. Current program needs logistical and resourced help.

No new reintroductions are being done until the lead issue is resolved.

Levels of contamination in migrating sea lions in Northern California need to be studied to determine if a new release area in Northern California is viable.

Goals in feasibility study:

- Monitor cont levels in failed to hatch eggs
- Look at exposure in Big Sur
- Look into north coast and tribal areas to see what marine mammal concentrations are and compare to Southern California

Bob Rizemore has been doing the current studies of contaminants in condor eggs. Contaminant analysis has been done and the DDE concentrations in the failed egg embryos were high.

Chuck McKinley discussed whether the re-opener provision of the consent decree might be invoked. He had previously discussed the issue with DOJ and it is the consensus that pursuing the re-opener is unlikely to succeed.

Chuck McKinley doesn't think the consent decree is a constraint on the use of settlement funds for Condor restoration if there is a nexus between the Montrose DDT and the high DDE levels in Condors. The birds mentioned in the consent decree are not intended to be an exclusive list, but rather an "including but not limited to" type of phrase. Jim felt that evaluating condors doesn't compare to opening up the door to other species that don't have as strong a nexus as the condors do.

The feasibility study would also include

- Egg analysis
- Organochlorine exposure
- Marine mammal carcass analysis – harbor seals, sea lions

Per Chuck McKinley, the council can only spend money on data gap studies if there is a reasonable potential for a restoration project that would happen as a result of the data gap study. The affected environment discussion in the DARP/EA for Phase II would probably need to be broadened, as well. Chuck feels it is legitimate to spend money on restoring a species such as condors affected by Montrose DDT releases.

Laird Henkel suggested study three areas of sea lion contamination levels

Cost: \$500,000 over four years for marine mammal study and egg analysis. Researchers will have access to lead exposure and micro-trash data.

Jim Haas said he could wait for Phase 2. Jim is trying to answer what is the marine mammal level of DDT is in marine mammals that condors are feeding on.

If the link is made after doing a study of marine mammals, it would be put into the Phase 2 plan as a potential to restore condors.

Chuck McKinley: If money is going to be spent on such a feasibility study, there needs to be a record of the rationale in an official document (i.e. resolution, minutes). Chuck suggested stating priority species but include that the council will consider other species if a nexus to the injury is proven and fits the definition of the injury.

Laird Henkel suggest to possibly also considering Albatross restoration efforts at Guadalupe. Data is currently be analyzed on the levels of DDT in Albatross eggs. Laird and Jen will follow up on this. Noted by Kate Faulkner, the Yurok's would need to agree to ban the use of lead ammunition based on the blue ribbon panel's recommendation.

A call will be scheduled with a council sub group after the new year. Jim Haas would do the contracting through UC Santa Cruz. The council agreed to consider condor restoration as a potential restoration project in the Phase Two document in addition to other potential species for which there can be a case made linking the injury to the historic Montrose discharges.

	Jim will send an email out to form the sub group to further discuss condors.
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AGENDA TOPIC	PHASE 2 PROPOSED ALLOCATION DISCUSSION TIMELINE AND NEXT STEPS	JENNIFER BOYCE
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DISCUSSION	<p>PHASE 2 OUTLINE - Jennifer Boyce will email rough outline for Phase 2 to the council</p> <p>Phase 2 restoration plan timeline:</p> <ul style="list-style-type: none"> • Agency draft by summer 2010 • Public draft release EA by end of summer/early fall 2010 <p>A Trustee Council Resolution will be sent out early 2010 to adopt the 2010 budget</p> <p>Anyone interested in going on an Ashy Storm Petrel trip (3 day trip) during the months of June – October should contact Laurie Harvey. There are also Shearwater trips , three in March 2010, one in April 2010 (4 day trips).</p> <p>The next council call is December 17, 2009 at 2:00pm</p> <p>The next council meeting / field trip is TBD</p>
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END MINUTES	MEETING ADJOURNED	JENNIFER BOYCE
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DISCUSSION	End of minutes. Meeting dismissed at 4:30pm.
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