

## **Section 1 – 2010 Action Plan**

The following section provides the first objective necessary to determine the management direction on August 1<sup>st</sup>, 2010.

<b>Objective 1. By June 15, 2010 determine management direction needed at the end of the 2008 closure period.</b>			
Action	Performance Measure	Deadline	Status
1a. Present findings from 2008 closure to Advisory Group and receive recommendations.	Advisory Group meeting held	April 2010	COMPLETED - April 8, 2010 Unanimous request to continue closure another 2 years or until management plan is implemented.
1b. Present findings from 2008 closure and Advisory Group request to general public and receive comments.	Public meeting held	April 2010	COMPLETED - April 21, 2010 Received mixed comments from public re continued closure. The majority were in favor of a continued closure or limiting/restricting/managing access.
1c. Present findings from 2008 closure and Advisory group request to the Natural Area Reserve Commission (NARSC) and receive recommendations.	NARSC meeting held	May 2010	
1d. If NARSC recommends continued closure, present findings from 2008 closure to Board of Land and Natural Resources (BLNR) and request an extension to the closure period.	Receive approval to continue closure	June 15, 2010	
If NARSC recommends ending the closure, present findings from 2008 closure to BLNR.	Findings presented at BLNR meeting	June 2010	

The results from this first objective will determine the actions necessary to reach objectives if the closure continues beyond August 1<sup>st</sup>, 2010 (**Section 2**) or if the closure ends on August 1<sup>st</sup>, 2010 (**Section 3**).

## **Section 2 – 2010 Action Plan – Continued Closure Scenario**

The following section provides the prioritized objectives necessary to implement an extension of a closure on August 1<sup>st</sup>, 2010.

<b>Objective 2. By July 15, 2010, implement an aggressive, persistent and methodical outreach program to inform the general public about the continued closure. (Efforts focused on educating people before they enter the area.)</b>			
Action	Performance Measure	Deadline	Status
2a. Modify informational brochure to reflect continued closure.	Completion of design for new brochure	June 1, 2010	
2b. Procure printing service for informational brochure.	Brochures purchased	June 15, 2010	
2c. Issue press release to general public through various media.	Issuance of press release	July 15, 2010	
2d. Issue printed notice to visitor industry (rental car companies, concierge, guidebooks, visitor channel)	Issuance of visitor notice	July 15, 2010	
2e. Modify Departmental website to reflect continued closure	New closure information added to website	July 15, 2010	

<b>Objective 3. By August 1<sup>st</sup>, 2010, provide the public with clear information about access and use by clearly delineating boundaries through the posting of signs, installing rope borders, and by distributing educational material. (Efforts focused on educating people while they are in the area.)</b>			
Action	Performance Measure	Deadline	Status
3a. Inspect existing closure signs, assess material needs for new signs.	Creation of equipment list and map of signs.	June 1, 2010	
3b. Modify sign language and design to reflect extension of closure.	Sign design completed	June 1, 2010	
3c. Procure signs and installation material	Signs and equipment purchased	July 1, 2010	
3d. Install new closure signs	# of signs installed	July 19, 2010	

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3e. Distribute informational brochures to reserve users.	Number of brochures distributed	Starting July 19, 2010	
3f. Replace existing rope barriers with new material to define border of closed area.	Meters of rope replaced	July 19, 2010	

**Objective 4. Continue revising and updating Ahihi-Kinai NAR Management Plan, incorporating Action Plan.**

Action	Performance Measure	Deadline	Status
4a. Complete internal first draft of management plan.	Draft completed	June 1, 2010	
4b. Complete Departmental review of draft management plan.	Draft reviewed, Comments integrated	August, 2010	
4c. Complete Working Group review of draft management plan.	Draft reviewed, Comments integrated	October 2010	
4d. Present draft management plan at public meetings. Receive public comments.	Draft plan presented, Comments integrated	December 2010	
4e. Present revised version of draft to NARSC.	NARSC approval	December 2010	

**Objective 5. By August 2011, increase communication capability throughout reserve by installing a repeater system. Purchase alternative communications in the interim.**

Action	Performance Measure	Deadline	Status
5a. Purchase and install radio repeater.	% progress on repeater installation	ASAP	
5b. Purchase radios for expanded outreach programs.	Radios purchased for volunteers/interns	September 2010	
5c. Purchase 3 satellite phones for expanded outreach programs and special projects.	# of radios purchased	September 2010	

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<b>Objective 6. By November 2010, complete development of ranger station at “Dumps” parking lot.</b>			
Action	Performance Measure	Deadline	Status
6a. Collaborate with DLNR Land Division to submit reference letter for MECO	Submittal of letter	June 2010	
6b. Collaborate with MECO to install utility pole in perimeter fence and adjacent anchors.	Installation of pole and anchors	July 2010	
6c. Activate power, phone land lines, and internet capabilities at ranger station.	% completion of utility/phone/net activation	August 2010	
6d. Installation of ADA compliant stalls, ramp, and walkway.	% compliance	November 2010	

<b>Objective 7. By November 2010, implement a volunteer program to assist with outreach and education efforts.</b>			
Action	Performance Measure	Deadline	Status
7a. Hold volunteer recruitment meetings to discuss volunteer opportunities with public.	# of meetings	September 2010	
7b. Hold training sessions for volunteers.	# of meetings	October 2010	
7c. Implement initial volunteer station at the “Dumps” parking lot.	# of volunteer hours	November 2010	
7d. Evaluate volunteer program and assess possibility of expanding volunteer use in other locations.	Decision to expand	December 2010	

<b>Objective 8. By November 2010, design and test a program to provide reliable, quality, guided educational walks to Kalaeloa (aka “Aquarium”) and Mokuha (aka. “Fishbowl”).</b>			
Action	Performance Measure	Deadline	Status
8a. Physically mark Kalaeloa and Mokuha trail routes.	Meters of trail marked	October 2010	

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8a. Design and test guided program to provide 1 hike / month to local school groups.	Number of hikes and participants	November 2010	
8b. Evaluate guided hike program and assess feasibility of expanding guided hike program to general public.	Decision to expand	December 2010	

<b>Objective 9. Continue monitoring of natural and cultural resources, building on baseline monitoring.</b>			
Action	Performance Measure	Deadline	Status
9a. Continue to implement monitoring protocols	% marine monitoring completed	Ongoing	
	% anchialine pool monitoring completed (pool portion)	Ongoing	
	% of anchialine pool monitoring completed (bird portion)	Ongoing	
	% of geology monitoring completed	Ongoing	
	% of archaeological monitoring completed	Ongoing	
	% of opihi monitoring completed	Ongoing	
9b. Implement vegetation monitoring	% of vegetation monitoring completed	Ongoing	
9c. Implement mammal and predator monitoring	% of mammal monitoring completed	Ongoing	
9d. Review monitoring results and determine need for threat abatement measures (ie. Weed/ungulate removal)	Need determined	Ongoing	

### **Section 3 – 2010 Action Plan – Open Access Scenario**

The following section provides the prioritized objectives necessary to implement if the closure is not extended on August 1<sup>st</sup>, 2010.

<b>Objective 2. By July 15, 2010, clearly mark trails to Kalaeloa (aka “Aquarium”) and Mokuha (aka “Fishbowl”) to minimize unintentional impacts from people hiking off trail.</b>			
Action	Performance Measure	Deadline	Status
2a. Install physical markers along both sides of trails to clearly show preferred trail route.	Completion of trail marked	July 1, 2010	
2b. Install educational and regulatory signs along trails.	Signs installed	July 9, 2010	
2c. Assess areas of high vulnerability along marked trail routes and determine necessity of additional physical barriers to protect areas.	Determination of protection needs	July 9, 2010	
2d. If determined necessary (2b) install physical barriers around sensitive resources (ie fence anchialine ponds, wall off cultural sites, install steps near shoreline).	# of sensitive areas protected by new barriers	August 1, 2010	

<b>Objective 3. By July 15, 2010, implement an aggressive, persistent and methodical outreach program to inform the general public about the designated trails and the fragile resources in the area. (Efforts focused on educating people in the reserve before they enter the trails.)</b>			
Action	Performance Measure	Deadline	Status
3a. Modify informational brochure to reflect continued closure.	Completion of design for new brochure	June 1, 2010	
3b. Procure printing service for informational brochure.	Brochures purchased	June 15, 2010	
3c. Issue press release to general public through various media.	Issuance of press release	July 15, 2010	
3d. Issue printed notice to visitor industry (rental car companies, concierge, guidebooks, visitor channel)	Issuance of visitor notice	July 15, 2010	

3e. Modify Departmental website to reflect marked trails and a "tread lightly" message.	New trail information and "tread lightly" message added to website	July 15, 2010	
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**Objective 4. By August 2011, increase communication capability throughout reserve by installing a repeater system. Purchase alternative communications in the interim.**

Action	Performance Measure	Deadline	Status
4a. Purchase and install radio repeater.	% progress on repeater installation	ASAP	
4b. Purchase radios for expanded outreach programs.	Radios purchased for volunteers/interns	August 2010	
4c. Purchase 5 satellite phones for staff, expanded outreach programs, and special projects.	# of radios purchased	September 2010	

**Objective 5. By August 1<sup>st</sup>, 2010, remove all 2008 closure signs, barriers, and hardware.**

Action	Performance Measure	Deadline	Status
5a. Remove all closure signs and associated hardware.	# of closure signs remaining	August 1, 2010	
5b. Remove all barriers marking previously closed areas.	# of barriers remaining	August 1, 2010	

**Objective 6. By November 2010, implement a volunteer program to assist with outreach and education efforts.**

Action	Performance Measure	Deadline	Status
6a. Hold volunteer recruitment meetings to discuss volunteer opportunities with public.	# of meetings	September 2010	
6b. Hold training sessions for volunteers.	# of meetings	October 2010	
6c. Implement initial volunteer station at the "Dumps" parking lot.	# of volunteer hours	November 2010	
6d. Evaluate volunteer program and assess possibility of expanding volunteer use in other	Decision to expand	December 2010	

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<b>Objective 7. Continue revising and updating Ahihi-Kinai NAR Management Plan, incorporating Action Plan.</b>			
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7a. Complete internal first draft of management plan.	Draft completed	June 1, 2010	
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8a. Collaborate with DLNR Land Division to submit reference letter for MECO	Submittal of letter	June 2010	
8b. Collaborate with MECO to install utility pole in perimeter fence and adjacent anchors.	Installation of pole and anchors	July 2010	
8c. Activate power, phone land lines, and internet capabilities at ranger station.	% completion of utility/phone/net activation	August 2010	
8d. Installation of ADA compliant stalls, ramp, and walkway.	% compliance	November 2010	

<b>Objective 9. Continue monitoring of natural and cultural resources, building on baseline monitoring.</b>			
Action	Performance Measure	Deadline	Status
9a. Continue to implement monitoring protocols	% marine monitoring completed	Ongoing	
	% anchialine pool monitoring completed (pool portion)	Ongoing	
	% of anchialine pool monitoring completed (bird portion)	Ongoing	
	% of geology monitoring completed	Ongoing	
	% of archaeological monitoring completed	Ongoing	
	% of opihi monitoring completed	Ongoing	
9b. Implement vegetation monitoring	% of vegetation monitoring completed	Ongoing	
9c. Implement mammal and predator monitoring	% of mammal monitoring completed	Ongoing	
9d. Review monitoring results and determine need for threat abatement measures (ie. Weed/ungulate removal)			