			KSHCP I	Participant A	nnual Report - Base Form		
Reporting Year	2022	Participant Name	Hawaii Department of Transportation		For participants with multiple facilities, indicate here the Base Forms have been produced. Complete the Information	total number of facilities for which I Required to be Reported on each Base Form.	3
1 2	Refevant Requirement KSHOP Section 6.6.1.2a, IDP Section M.I. [N.I], ITL Section BL1 IDP Section M INVITE Section BL1	ITP Number	Nawilwili Harbor, commercial maritime port facilities, Lihue, Hawaii TE74138D-0	Facility Owner:	Information Required to be Reported Hawaii Department of Transportation, Harbors Division	Facility Contact Information (name, phone, email)	Robert Crowell, Kauai Harbors District Manager Ph. 808-24-1-756, Irasii: Robert-Crowell@hawaii.gov and Chin Takano, Ervicenmental Program Manager Ph. 800-586-2504, Email: Chris. Takeno@hawaii.gov
3	KSHCP Section 6.6.2.2[1]	List permitted is	ncidental take by species for this facility (letha/non-lethal) Newell's Shearwater	0/0	Band-rumped Storm Petrel		
		2/6	Hawaiian Petrel		Green Sea Turtle		
4	IP Section VIII. Section II.D	Norlethal Take 0.88 0	Newell's Shearwater Hawaiian Petrel	0 0	Band-rumoed Storm Petrel Green Sea Turtle		
		0.23	Newell's Shearwater Hawailian Petrel Checkhere if additional information provided on Addendum Sheet.	0	Band-cumped Storm Petrel Green Sea Turtle	See Adden	dum Sheet 1, Take Calculations
	KSHCP Section 6.6.1.2b, ITP Section M.E. (N.E), ITL Section II.1.2.	Summarize any Covered Specie		None.			
,	KSHOP Section 6.6.1.2c, ITP Section M.III (N.III), ITL Section 8.1.2.	Identify any cha involved in the	Check here if additional information provided on Addendum Sheet. anges to facility management/ownership or other key personnel KSHCP.	Newly appoints	nd Director of Hawaii Department of Transportation, Edward Sni and the ITL was signed by Mr. Butay as the authorized official.	ffen, replaces the previous Director	, Jade Butay. Jade Butay remains listed as Principal
6	KSHCP Section 6.6.1.2d, ITP Section MJv (N.Iv.), ITL Section	Describe any re and the reasons	equested changes to minimization efforts conducted at the facility is for the requested change.	None.			
′			Check here if additional information provided on Addendum Sheet. description of search route(s) used for conducting searches.				
8	KSHCP Section 6.6.1.2e.i, ITP Section M.v.1 (N.v.1), ITL Section ILLS-a	v v	Chark hare if much latterhad or linked	tiet.		See Appendix 1 (A	tap Showing Search Routes Followed)
	KSHOP Section 6.6.1.2.a.il, IIP Section Mv2 (Nv.2), III. Section BLS.b.	Describe the fre	Linescene is rough; attained or inseet. requercy and timing of searches conducted at this facility.	performed each	conducted twice each day at Nawillwell Harbor as outlined and in right within 3.4 hours after sundown and then again within 1. Nawillwell Harbor is a secure facility and requires pamornel co (Chearance issued by the Department of Homeland Society). It, or each night and provided training that enabled harbor securit sociations are consecutive or security of the too hourly surveillance of the entire facility.	prescribed in the KSHCP and HDOT hour of sunrise, on consecutive day	s Participant Inclusion Plan. These surveys were is beginning on September 15th and concluding on
9		Describe the ne	risonnel involved in search efforts at this facility	2022 in additio	n to hourly surveillance of the entire facility.	dramed seabirds at Nawikatii Had	her included one H.T. Hansey & Associates field
10	KSHOP Section 6.6.1.2 a.III, ITP Section M.V.2 (N.V.2), ITL Section III.5.c.			On seaterd awa Craig (H. T. Har	of Monitoring personnel responsible for conducting searches for chemistry arrillating with the facility as well as three harbor was considered. As the consideration of the conduction is all the createst the probability that bries not detected during the dedict is included as who participated in regular and routine searchs writes, response, rescue and SSHCP reporting procedures. Speci- wy & Associates field biologists) and several security personnel fathers Division.	rity officers who have received train HDOT, Matson, and Young Brother lated nighttime and pre-dawn sear of Nawifwell Harbor facilities were fic personnel responsible for condu- under the supervision of Byan Cam	ning and refreshers over the last 3 years on search personnel provided incidental observational helps would be found by workers at the facility during presented with training and informational content other searches at Nawifaell Harbor were Mitchell pos (Allied Universal Security Services) and Robert
	active Contract Contract Contract	Complete the S	Check here if additional information provided on Addendum Sheet. Jummary Table containing information for all downed seabirds (and				
11	KSHCP Section 6.6.1.2 als, ITP Section M.v.4 (N.v.4), ITL Section IU.S.d.	horu nests) fou	and .				
	KSHCP Section 6.6.1.1	Provide a copy	Check here if additional information provided on Addendum Sheet. of each Downed Wildlife Report that was prepared and submitted	_			See Summary Table
12	KSHOP Section 6.6.1.1	submitted for ti	his facility during the reporting year Check here if any reports are attached or linked.			See Appendix 2	(Downed Wildlife Incident Reports)
13	KIHOP Section 6.6.1.2.e.v., IIIP Section M.v.S (N.v.S), III. Section BLS.e.	Provide a discur adaptive mana; proposed adjust	usion of the efficacy of the current self-monitoring protocols and general and whether edjustments need to be made. Describe any treents. Check here it additional information provided on Addendum Sheet.		he monitoring protocols at Navaliwali Harbor in 2022 was achies or secreb, and HoOT. We selected with effectiveness of the mono to be beginning of the selected file of the selected controlled with controlled to the beginning of the selected file of the selected selected and the selected file of the selected selected mentalized and resident file of the selected selected searches with respect to the standard monitoring protocols in includent and reviewed circumstances and sufficiency of minimi shout the failout season.		
14	ESHOP Section 6.6.1.2.1, (TP Section Max) [Nav], (Ti. Section 81.6.	efforts and ada	way discounter of the results and efficiency of an value withing control officer management.	Prior to implee tenants regard! Harbor in 2022 of the fallout si in order to esta two Tornahawa monitoring per through Thursd 106 trapping ri begining of the retained the se that were capt? Addendum She	enting animal control initiations at Yasankali Helson in 2027, go than cat Geology Soliva in place at Nasankali Helson in 2027, and the second of the second control of the	IDOT Harbors Division personnel prisipne remain position present froughout it epitember in an effort to reduce the opposition of Namilwell Harbor, of removal efforts (i.e. control) durin by and moved regularly based on commercial cat food and cannel o sarry stress on unattended capture sarry stress on unattended capture as an institul basis for evaluating efficient, when cats were captured at N manne evacuation from the facility.	stated signings and communicated derectives to every term. Prefeder control activities at NewYorking rearrhess of adminds on site prior to the beginning to the prefeder of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of site of site sit
15	KSHOP Section 6.6.1.2.g /TP	On the workship	eets provided, provide a summary of worker training efforts and				
15	Section M.vii (Nuil), ITL Section ILL7.		Check here if additional information provided on Addendum Sheet.	J		See A	ddendum Sheets 3 and 4
16	KSHCP Section 6.6.1.2.h; ITP Section M.viii (N.viii), ITL Section ILLB.	Describe any of werify compilar	ther relevant information that the wildlife agencies may require to ce with the permit issued.	NA .			
17	ITP Section M.v.S (N.v.S), ITP Section ELS.f.	Provide nighttir season and duri	Check here if additional information provided on Addendum Sheet. me photos of covered properties or operations during non-seabird ing seabird season.			See Association	x 3 (Photos of Covered Facilities)
	KSHCP 6.6.12	Provide photog	Check here if photos are attached or linked. raphs illustrating any proposed changes to lighting, facility predator ns, outreach and training or downed bird recovery protocols.	NA			
18	L	If applicable. As	Check here if photos are attached or linked.	Link:			
19	ITP Section M (N)/TL Section EJ	how the adapti	check here if additional information provided on Addendum Sheet. Secribe all occurrences of changed circumstances and how they were	NA .			
20	IP Section M (Ng/VTL Section 8.1		Check here if additional information provided on Addendum Sheet.				
21	IP Section M (Ng/VTL Section 8.1			NA .			
22	ITP Section M (Ng)YIL Section II I			Standard secur progress and/o lights are reduc high-mast floor with lighting er situ following t be effective in a capacity during continuing to a	ty and worker safety procedures at Nawilson's Harbor require the crosses object as the better, and only at the specific pior where I do a lower setting. Popicity offerend on a sorrolly level light lights with more, bill cost off, downwards pointing LED features, in pights with more, bill cost off, downwards pointing LED features, in completion of operations: the same close coordination with some completion of operations. This same close coordination with 2022. Although not not independent start and early and 2022. Although not an independent start and early and the same consistency of the downwards of the same consistency of the downwards of the same consistency of downwards of down	at high mast lights be turned on to sose operations are occurring. Whe reg (roughly 15% of illumination ca, 2000 and 2021, HDOT Harbors DI and staff so that any changes in il engineers and enhanced capabiliti- 2, the same degree of vigilance, ini lighting during non-operational pe	full illuminance when active cargo operations see in nightmen operations as extra nightmen operations are completed, by mast apacity, in 2027, HDOT Harbon Division replaced the widning presents at its wallwild Farbor worked closely gift settings could be made quickly and effectively in os for security personnel were a priority and shown to ori security personnel were a priority and shown to division to consider the property of the setting and shown to consider the property of the setting and the setting of the setting and the setting and is considered progressive in terms of
	ITP Section M (N)/VTL Section EJ	If applicable, id	Check here if additional information provided on Addendum Sheet. entify any problems that occurred and how they were handled.	None.		-	
23	- John Market II	of annie ship	Check here if additional information provided on Addendum Sheet.				
24	ITP Section M (N)/YTL Section EJ	If applicable, pr related to fundi KSHCP mitigation	Check here if additional information provided on Addendum Sheet. worker a description of cost expenditures and other information ring assurances (e.g., summary of KSHOP financial status, including any on fees owed).	HDOT-Harbors both Nawilhell	Division, KSHCP Conservation Measures Implementation Fundi Harbor and Port Allen Harbor facilities.	ng Account: Total Deposit = \$18,22	0.00 (Year 3, 2022). This payment is combined for
25		Certification	Check here if additional information provided on Addendum Sheet. I certify that to the best of my knowledge, after appropriate inquiries or persons involved in the preparation of this report, the information is transfer	of all relevant rue, accurate,			
	KSHCP Section 6.6.1.4	Certification					

KSHCP Participant Annual Report - Addendum Sheet 1, 2022 Take Calculations, Nawiliwili Harbor

Reporting Year

2022

Participant Name

State of Hawali, Department of Transportation

Kauai Seabird Habitat Conservation Plan U.S. Fish and Wildlife Service ITP No.

IE741380-0 and Nawaii Department of Land and Natural Resources ITL No. ITI-30

Use the space below to show the calculations used to estimate take of Covered seabirds at Nowillwill Harbor in 2022.

Item # Relevant Requirement

175 Section I/TL 2022 Calculation of Lethal and Non-Lethal Take - Nawillwill Harbor Section 11.0

Take Estimation Parameter	NESH	HAPE	BRSP
Birds found alive, released from SOS	1	0	0
Birds found dead or euthanized at SOS	0.00	0.00	0.00
Discovery rate (75%=.75, 50%=.50, etc)	0.90	0.90	0.90
Total annual take (found birds/disc rate)	1.11	0.00	0.00
Lethal take (Observed+Unobserved)	0.23	0.00	0.00
Non-lethal take	0.88	0.00	0.00

2022

State of Hawaii, Department of Transportation

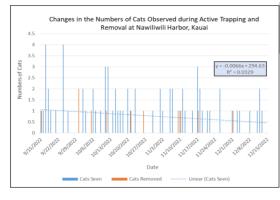
Kauai Seabird Habitat Conservation Plan U.S. Fish and Wildlife Service ITP No. TE74138D-0 and Hawaii Department of Land and Natural Resources ITL

Relevant Requirement Additional Information

Cats were observed by trained seabird searchers performing concurrent surveillance for cats at Nawiliwili Harbor on 45 of the 92 survey days in 2022 (49% frequency of occurrence). Numbers of cats observed ranged from 0-4 and averaged 0.76 cats per survey. Cats were observed throughout Nawiliwili Harbor but were encountered most frequently along the property boundary adjacent to the small boat harbor. Trapping ITD Section M.vi (N.vi), ITL Section III.6.

17 Section III.6.

18 Cats were captured and removed from Nawiliwili Harbor, yielding an overall capture success rate of 0.10 cats/trap night, or roughly 0.75 cats/week. The number of cats observed and the frequency in which cats were detected at Nawiliwili Harbor declined by roughly 56% over the course of the season. Although the pre-season survey duration was short, it did provide a baseline from which to evaluate the effectiveness of the mananagement program at reducing the number of cats on property and thereby reducing depredation risk.



Month 3 4 3 1 Average Number of Cats of Cats O.94 (range 0-4) 0.81 (range 0-3) 0.73 (range 0-3) 0.53 (range 0-2)	Captures by	September	October	November	December
	Month	3	4	3	1
0, 665	Average Number of Cats	0.94 (range 0-4)	0.81 (range 0-3)	0.73 (range 0-3)	0.53 (range 0-2)

2022 Summary of Take of Covered Seabirds Documented at Nawiliwili Harbor, Kauai
Reporting Year

2022 Participant Name: State of Hawaiii Department of Transportation

Kauai Seabird shabat Conservation Pinu U. S. Fish and Widdlis Service ITP No. TT7413ID 0 and Hawaii
Department of Land and Natural Resources ITI. No. ITI. 30

			Department of tand and restoral resources fre No. 112-30								
			Com	plete these columns	s for each bird or ho	inu nest found					Complete these columns for any honu nest found.
Date Found	Time Found	Property or Facility	Describe Exact Location Where Found	GPS Latitude	GPS Longitude	Species (NESH, HAPE, BRSP)	File Name	SOS Reference Number	Disposition of Seabird (released by SOS, DOA, euthanized, if known)	Days in SOS Care	Honu Nest Found? Describe Any Honu Nest Protection Disposition of Nest (Yes or No) Efforts Implemented (If known)
26-Oct-2022	21:45	Nawiliwili Harbor	Pier 1 (Matson yard) alongside stacked container row	21° 57′19″ N	159° 21′17" W	NESH	NESH_2022_10-26_HDOT-NAW	ANPO69	Released	2	THIS SECTION DOES NOT APPLY TO HOOT

Summary of 2022 Seabird Awareness and Response Training at Nawiliwili Harbor, Kauai

Reporting Year	2022	Participant Name	State of Hawaii, Department of Transportation			tation
		-	Kauai Seabird Habitat Conservation Plan U.S. Fish and Wildlife Service ITP No. TE74138D-0 a Department of Land and Natural Resources ITL No. ITL-30			o. TE74138D-0 and Hawaii
Date of Training	Training Topic	Property or Facility	Training Group	Number of Attendees	Method of Training Delivery (e.g., video, in-person, educational materials)	Printed Materials or Other Media Provided
9/7/2022	Seabird Awareness, Rescue and Reporting	Nawiliwili Harbor	HDOT Harbors Division Staff and Site Security	6	MS-Teams Webinar	Yes. Training module and Fact Sheet, KSHCP Downed Wildlife Protocol and Incident Documentation and Reporting Form
9/10/2022	Combined Seabird Awareness and Reporting and Search and Recovery	Nawiliwili Harbor	H. T. Harvey & Associates monitoring team	2	In-person	Yes. Training module and Fact Sheet, KSHCP Downed Wildlife Protocol and Incident Documentation and Reporting Form
9/10/2022	On the ground searcher training and site familiarity exercises to facilitate searcher effectiveness and proficiency; lighting discussion and operational safety considerations	Nawiliwili Harbor	H. T. Harvey & Associates monitoring team	2	In-person	Yes, reference to Fact Sheet and other materials, photos, and review of past fallout patterns utilizing maps of fallout distribution
9/11/2022	Site-Specific Orientation for Search Team	Nawiliwili Harbor	H. T. Harvey & Associates monitoring team (included site security)	4	In-person	Yes. Maps, discussion of search area characteristics, historic fallout distribution, additional resources

Summary of 2022 Outreach to Expand Awareness of Seabird Fallout and Reporting Procedures at Nawiliwili Harbor, Kauai

orting Year	2022	Participant Name	State of Hawaii, Department of Transportation							
	Kauai Seabird Habitat Conservation Plan U.S. Fish and Wildlife Service ITP No. TE74138D-0 and Hawaii Department of Land and Natural Resources ITL No.									
	ITL-30									

Outreach Dates	Description of Outreach Activities and Delivery Process	Property or Facility	Target Outreach Audience	Printed Materials or Other Media Provided
9/14/2022	Beginning of the season outreach with tenants on seabird light attraction fallout and procedures for notifying facility managers and HODT personnel; review of proper rescue and reporting procedures, avoidance type spearching around machinery quickly and efficiently before operations, situational awareness).	Nawiliwili Harbor	Matson supervisor and staff	Provided training module and Fact Sheet containing information to facilitate rescue, response, and reporting and enhance "train the trainer" capacity.
9/16/2022	Beginning of the season outreach with tenants on seabird light attraction fallout and procedures for notifying facility managers and HOOT personnel; review of proper rescue and reporting procedures, avoidance typs (searching around machinery quickly and efficiently before operations, situational awareness).	Nawiliwili Harbor	Young Brothers site manager and yard foreman	Provided training module and Fact Sheet containing information to facilitate rescue, response, and reporting and enhance "train the trainer" capacity.
Throughout the season	Periodic check-ins with HDOT Harbors Division staff at Nawiliwili Harbor, Matson, and Young Brothers to provide advance notice of periods of higher fallout probability, heighten awareness, and revisit fundamental elements of seabird awareness, rescue, response, and reporting requirements.	Nawiliwili Harbor	HDOT personnel and Nawiliwili Harbor tenants	Training modules and Fact Sheet
9/15/2022 and throughout the season	The seabird awareness Seabird Light Attraction Fact Sheet was posted in the main harbor office, in worker common areas, and on the bulletin board in staff break room in clear view of HDDT-H staff. The Fact Sheet was posted in common areas of the Young Brothers office and in the Matson office and staff staging area in the warehouse, in clear view of tenant staff, and in the security shack at the main entrance to Nawailiwili	Nawiliwili Harbor	HDOT staff, Matson staff, and Young Brothers staff	Seabird Awareness Fact Sheet

Seabird Light Attraction at Airports and Harbors





Harbor







Inside nesting burrows since early summer, fledgling seabirds leave the nest at night and follow the moonlight

Grounded seabirds are vulnerable to predicate and dogs as well as machinery. This is and grounding phenomena is called "fall

THESE SPECIES ARE PROTECTED BY STATE AND FEDERAL LAW







Turn Off Non-Essential Bright Lights during Seabird Fallout Season September 15 – December 15



Handling and Reporting Downed Seabirds





Procedures for Rescuing Downed Seabirds

- Carefully approach the seablid from behind Gently wrap a small dry towel around its back and wings and place it inside a well-vertifieded small animal carefor or box. Wille down Dats, time, specific location where the seablid was found, and the Name and Contact Information of the person who found it.





Port Allen Harbor – Call Harbor Security (808-278-0673) and SOS (808-635-5117)





Kahului Harbor – Call Harbor Security (808-227-9423) and Mauli Nuli Seabird Recovery Project (808-573-2473)

Phato Credits: Mavi Nui Seabird Recovery Project (A); L. Young (B); A. Roine (C); Hawaii DLMR and USFWS (D,E,F); B. Yuen (G).



