Quarterly Report
USDA Wildlife Services – U.S. Navy Interagency Agreement for BASH Assistance

Reporting Period	Naval Installation(s)	WS Point of Contact
October-December 2019	NASWI	(b) (6) [redacted]

Potential BASH Issues/ Hazards expected for the upcoming month:

Swan abundance has decreased to a few dozen birds observed over or near the airfield in the last few weeks of December. Most flocks observed are flying over the airfield near the (R25) end. WS will continue to monitor local swan activity and adjust efforts as needed. WS has been seeing an increase in the number of ducks using the ditches during rainy weather. Shorebird activity has also increased in recent weeks, especially around the (R07) approach end. We will continually monitor the avian population for any safety of flight concerns.

General Accomplishments and items of interest:

-Trapped and relocated 22 raptors during the quarter (19 Red-tailed hawks, 2 Cooper's Hawk and 1 Peregrine Falcon)

Information/Communication/Training:

-Presented about USDA-WS wildlife management on the airfield at Safety Stand-down for VQ-1 (November)
-Presented several live raptors at Operations Office Building 385 (November)
-General communication with squadrons on reporting wildlife strikes (December)

Hazard Evaluation and Monitoring:

Point Count surveys are conducted at least once a month. These surveys occur at five locations (PAR Site and near the end of each runway). Opportunistic surveys while working on the airfield are on ongoing throughout the day.

Table 1. Wildlife observed at NASWI airfield during FY20: Quarter 1. (Two additional reported strikes have been sent in for analysis)

GUILD	SPECIES	*Total Observed*	OCT	NOV	DEC	Reported Strikes During Period (OCT-DEC)	Strikes Causing Damage
Corvid	Crows, American	**34**	16	2	16		
	Ravens, Common	**15**	2	9	4		
Gull	Gulls, Glaucous-Winged	**116**	36	66	14		
Mammals	Coyote	**5**	3	2		1	
	Deer, Black-tailed	**9**	9				
	Otters, River	**14**	4	7	3		
Raptors	Eagles, Bald	**42**	9	10	23		
	Falcons, Kestrel, American	**2**	1		1		
	Falcons, Merlin	**2**		2			
	Falcons, Peregrine	**6**	3	1	2		
	Hawk, Harrier, Nothern	**64**	40	9	15		
	Hawks, Cooper's	**4**	2	1	1		
	Hawks, Red-tailed	**151**	46	40	65		
	Hawks, Rough-Legged	**24**	7	1	16		
	Owls, Short-eared	**3**			3		
	Vultures, Turkey	**1**		1			
Shorebirds	Killdeers	**177**	110	67			
	Plovers, Black-bellied	**736**			736		
	Plovers, Golden, American	**348**			348		
	Sandpipers, Western	**674**		482	192		
Songbirds	Starlings, European	**15**	15				
	Shrike, Northern				1		
Wading Birds	Herons, Great Blue	**15**	8	4	3		
Waterfowl	Cormorants, Double-crested	**1637**	1607	30			
	Ducks, Green-winged Teal	**27**			27		
	Ducks, Mallard	**298**	102	61	135		
	Ducks, Merganser, Hooded	**2**			2		
	Geese, Canada	**41**	32	9			
	Swans, Trumpeter	**1449**		988	461		
	Unknown Duck Spp	**423**	20		403		
Upland	Quail	**57**	15	12	30		
	Bottom Line Total	**6392**	2087	1804	2501		

Hazard Mitigation:

Lethal control of wildlife will occur when all non-lethal measures prove in effective.

Table 2. Wildlife dispersed or removed by WS at NASWI, October-December 2019.

SPECIES	Removed-TOTAL	OCT	NOV	DEC	Relocated-TOTAL	OCT	NOV	DEC	Dispersed-TOTAL	OCT	NOV	DEC
Coyote	**4**	3	1						**1**		1	
Crows, American	**2**	2							**32**	14	2	16
Deer, Black-tailed									**4**	4		
Ducks, Mallard	**11**	6	1	4					**213**	36	60	117
Ducks, Merganser, Hooded									**2**			2
Ducks, Green-winged Teal	**2**			2					**25**			25
Eagles, Bald									**30**	6	10	14
Falcons, Kestrel, American									**2**	1		1
Falcons, Merlin									**1**		1	
Falcons, Peregrine					**1**		1		**4**	3	1	
Geese, Canada									**9**		9	
Gulls, Glaucous-Winged	**3**		3						**91**	35	43	13
Hawks, Cooper's					**2**		1	1	**2**	2		
Hawk, Harrier, Nothern									**54**	40	9	5
Hawks, Red-tailed	**1**	1			**19**	2	16	1	**117**	43	24	50
Hawks, Rough-Legged									**19**	7		12
Herons, Great Blue	**10**	5	3	2					**5**	3	1	1
Killdeers									**177**	110	67	
Otters, River	**3**	2		1					**10**	2	6	2
Owls, Short-eared									**1**			1
Plovers, Black-bellied									**676**			676
Plovers, Golden, American									**323**			323
Ravens, Common									**14**	2	8	4
Sandpipers, Western	**5**		5						**669**		477	192
Starlings, European									**15**	15		
Swans, Trumpeter									**1,285**		836	449
Vultures, Turkey									**1**		1	
Bottom Line Total	**41**	19	13	9	**22**	2	18	2	**3,782**	323	1556	1903

Nest and eggs removed/ destroyed by WS to include *methods:*
N/A
Habitat Management:
N/A
Needs/Challenges:
N/A

General Recommendations:

Closely monitor migration activity and presence of large species of hazardous wildlife.

Recommendation	Date Recommended (dd mm yyyy)	Discussed at WHWG ? (Y/N)	State of Recommendation (e.g., at NR for permitting, awaiting funding, denied, scheduled for date X, etc.)	Reasons for Status (e.g., permit required, can't be done, no money this FY)	Result
Long Term					
(b) (5) [redacted]					
Short Term					
(b) (5) [redacted]					

NOTE:
The Terminal BASH freezer is for bird remains found on the airfield and runway. The freezer is not be used for the storage of squadron remains or remains found off NASWI airfield. If a dead or injured eagle is found outside airfield environment Washington State Department of Wildlife should be contacted immediately, at (360)902-2200.