## Appendix B. Sandpiper Observation Field Forms

MEB = Mithew Bayle

Date	6/3/04			Δορι	REVIATIONS
Data Recorder	MEL		LOCATION	100	
Data Observer		A	air	FN	BEHAVIOR foraging near water's edge
Weather	Mustly Soury	С	canopy	FA	foraging away from water's edge (describe)
	J	HG	high ground	R	resting
		,s	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	гіргар	С	calling
	PACHE IN THE PACHE	MM	manmade structure (describe)	FI	flying
Page \	of 10		The state of the s	N	nesting (including display or distraction)

Mozarier .	SPECIES OBSERVED	TIME	#OF BIRDS	LOCATION DESCRIPTION	Easing (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR		PHOTO#
MUMBL	were	\$5,4°	NO B		122.201734			_ / ,	NOTES	3 (A) (A) (A)
WAY MEL	GBH	940	ł			47, 33,993	Ewst		on RR edge	-
vgn mbr	osprey	ી.પ્ર	1	Seguel 3 ON Buch	lί	<i>[</i> 1	190	N (Geen on west)		4
NDr I WAS	USU	લાફ	l	Start of sexual 400 Dun doing on Hall	122.20.74	47,33.804	تے	FN	Caught fish	5
W. Mbh	6BH	92:20	1	Dr 40	122.20.722	47.33.767	5	R, FL	Restorg on dock, Blew N Then X to when	
The state of the s	h. ideer	qus	2	Stand of segment 5 in Rocky Sundy shelf believed	122.20.719	47.33.702	٤	FN, FA	forezony in 46.00 souchy lugar flew 5 & W	3
				Pier	A Committee of the Comm	arend Halland Hillioned excellen samment i etilbered ekskiper el anne å		the control of the state of the	in sur free francisco de francisco de managon de construir de la construir de	

Date	6/3/04			Δοο	REVIATIONS	Herman .
Data Recorder	MbL		LOCATION	3458 # XED VIOLET		Ciberial I Ciberial
Data Observer	Kerin Lee	А	air	FN	BEHAVIOR foraging near water's edge	
Weather	Survey	С	canopy	FA	foraging away from water's edge (descr	ibe)
	<u> </u>	HG	high ground	R	resting	
		s	salt marsh	S	singing	
		M	mudflat	Р	passing through	***************************************
		R	riprap	С	calling	
in the same of the		MM	manmade structure (describe)	FI	flying	·····
Page 2	of (0		And the second s	N	nesting (including display or distraction)	mirana nampayo

	SPECIES OBSERVED	Time	#of Birds	Location Description	Easting (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR		Notes	Вното#
V	illden	0°13b	Ì	on sundy stuly segments	7:4	17,33.614	10°	forward on beach	Si	une bird as before?	
5	lang segment	0438								Hurt Segmen 1 5	-
. Cis	wadu Geese	ુયે	9	Stant of segment 5	122,20,693	47.33.580	Ę	focus on it	Fo	raging on forus	9
R	holo \$ 10	947	0	Photo of Area 6	(22.20.649	47.33,540	E	Photo of Segn	en	1	10
4	Photo 11	<i>~</i>		- Phidograph of	122.20.522	47,33,33	<i>}</i> ~	Photo 11212		ter tidal mea	14
	Photo 12		-	Start of Segment	/ -						

Wr

Nol

Date	6/3/04			ARR	REVIATIONS
Data Recorder	MGL		LOCATION		BEHAVIOR
Data Observer	UeviWli .	A	air	FN	foraging near water's edge
Weather	Sunt	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
······································	,	s	salt marsh	S	singing
······································		М	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page 3	of (3	-	The state of the s	N	nesting (including display or distraction)

		100 Mg 120 Mg	BIRDS			S			
Seven	SPECIES OBSERVED	E S	ฐ อั Location Description	EASTING (X):	Northing (Y):	COMPASS	BEHAVIOR	Notes	Рното#
MEB	GBH	0,25 J	in segment & 9	172.20.329		62 Mak	modflet, FN	21 P/2240-	像
(noc	Cinada Geese	10.25 t	- sey good molflet	11	11	٤	Morflet, FN	( )	(3
	Sturt seg	9		122, 20,348	47,32.983				
	aholo of	SegM	ent 8	и	. (1	<u></u>			14
heron	osprey	(0,418 1	@ Start of Segment	u-	) (		H - flying N		
Venan	ospiey	055 2	on red I other	122,20,300	7,32,882	w	N, R - on 1.74 File Come on west	-	

LDW spotted sandpiper observations form Form 2.

Date	6/3/04			Δροι	REVIATIONS
Data Recorder	MGC	B156.000 115.000			
Data Observer	U.EB.	A	air	FN	BEHAVIOR foraging near water's edge
Weather	Evrony	С	canopy	FA	foraging away from water's edge (describe)
	0	HG	high ground	R	resting
		S	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
Manuscon and the state of the s	(Conda un pass com a securità del 4004 dilumni communi consegni di Aphronologico and personale del 4004 dilumni	MM	manmade structure (describe)	FI	flying
Page 4	of [0	NA NA SANJANA NA		N	nesting (including display or distraction)

	SPECIES OBSERVED		#OF BIRDS	Location Description	Easting (X):	Northing (Y):	GOMPASS DIRECTION	BEHAVIOR	Notes	PHOTO#
	Plato 15	-		Tholog Seg 10	122.20.282	1	-			(S
Werth	Eagle	10155	(	over w. seattle	£ (	- 11	ω	Source overhead		
·**	7hoto 16			Photo of sey "	122,20, 139	47,32,78	,	slip 2		
nH	Ciwala Geess	e 11/13	3	Constructed beach S of Slip 2	ic .	/1	-	FN		17
pie	popul	1/10		RM 1,9				Circling in ANT (FL)	Some bird as world prev.	
<u> </u>	Alusto	1	EN	lof seg 13	122.20.038	47.32-553	-7: /			18
_	Alusto	-	EN	dof seg 13	122.20.038	47.32.553	-r. /			·

Date	613104			Λορο	REVIATIONS
Data Recorder	MGL			OSSO UZOSA	BEHAVIOR
Data Observer	MEB	A	áir	FN	foraging near water's edge
Weather	Swarg	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		s	salt marsh	. s	singing
		M	mudflat	Р	passing through
		R	riprap	С	calling
- //		. MM	manmade structure (describe)	FI	flying
Page 5	of (0	Contract to the second	The Province of the Contract o	N	nesting (including display or distraction)

SPECIES OBSERVED	TIME	#OF BIRDS		Easting (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	Notes	PHOTO#
GBW	16.5	l	head of ship 3 (we convert	122.19.890			flew when we approach		
Rholo	(1.142		Segren It -	RR shor	eline as	bea	( 1 )		18
aliano of seg	USS	,	Securent 17	122.19.479	47.32.148				20
Photogslp 4	1275	7	Canada Gee Se (M)	122,19,246	47.32.025	بح	FN.		2.1
Thoto 22			Segmen 1920	122.19.170	7.32.127		Evel of Seg 19		2.7
Photo 23	. j. j.	H-n-e-haman	Segment 21	122.19.043	147.31.881				23

No

Date	613/04	1000	的	Δροι	REVIATIONS
Data Recorder	Megan Schedler		LOCATION		The state of the s
Data Observer		A	air	FN	BEHAVIOR foraging near water's edge
Weather	MEB Every	С	canopy	FA	foraging away from water's edge (describe)
	U	HG	high ground	R	resting
	-	S	salt marsh	S	singing
		М	mudflat	P	passing through
		R	гіргар	С	calling
		MM	manmade structure (describe)	FI	flying
Page 6	of (0		- <del>Сервен в постоя до розгодинения в постоя в сервен в постоя до сервен со постоя до постоя до постоя до посто</del>	N	nesting (including display or distraction)

	SPECIES OBSERVED	Time	#OF BIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	Notes	PHOTO#
MAL	GBH	٠ کې		M		47.31.791		₩ FN	SERVER STATE OF THE SERVER	
	Photo 24	1.15	<u> </u>	Segment 22	122.18.655	47-31.660				24
	Photo 25	1.9	-	Segment 23	122.18.40	47.31.465				25
MBy	GBH	1,22	<u>٦</u>	:		747.31.345	*********	FL, flew overhead		_
Pallen	willdoer	123	¥	heard, with the	.122,18,412	47.31.270	E	sound like Truy one above willed		-
Walliam	W. Maleer	125	B	M shlat	М	ji	٤	FN		

Date	613104			App	REVIATIONS
Data Recorder	Mbl		LOCATION	1,000	
Data Observer	Mother Boyle, veril	.: A	air	FN	BEHAVIOR foraging near water's edge
Weather	Gray 1	С	canopy	FA	foraging away from water's edge (describe)
	U	HG	high ground	R	resting
·····		S	salt marsh	s	singing
		M	mudflat	Р	passing through
		R	riprap	С	calling
	14 North Annual Control of the Contr	MM	manmade structure (describe)	FI	flying
Page 7	of [D		mandaga (Kalaba) sa shara araw araga Affinia karawanan araga ajaja jahar arawan ara je (Afini barkaha a massaran projektiri barka arawan araga aja	N	nesting (including display or distraction)

	SPECIES OBSERVED	Tive	#0FBIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y):	GOMPASS. DIRECTION	BEHAVIOR	NOTES	Рното #
	duto of	Segn	revt	25				(1997)	·	26
www	osprey	1.38	1	A	122,18,302	47,31.087		foreging along shore W. Banh		
mush	Buld Eagle	139	t	A	n	и		flying overhead		
MY	GBH	1:47	(	M	122,18,279	47, 30.891	٤	FN	And the second s	
	Proto	2102			122,17.788	47.30.663		- End of Su	Vest & Back	ス <del>7</del>
Listable	Phato	215			122.17.898	47.30.885		- Hoto of segue	ub .	29
	Plato	166				17 - 10 -	7		/	. (2

47.30 - Photo of sequent

Date	613/04			ΔRRI	REVIATIONS
Data Recorder	MGC 1				and the second of the second o
Data Observer	Madrin Boyle	A	air	FN	BEHAVIOR foraging near water's edge
Weather	gunny /	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		S	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page 8	of (D			N	nesting (including display or distraction)

	SPECIES. OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	Easting (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	Notes	Рното#
	6BH	3,27	l	M	02,20.027			FN	flow up side channel under 18th Ave Br	ia Periode
	Sp Sandgiper	3:47	2	M	122.20.906	47.33.390	W	FN-	Hong waters edge	
	unicertion Atrue See about	7			·				other bird heard,	
λ	Will deer	3:52		M	122.20.967	47.33.557		FN	GBH also seen completed	
	Photo			photo of UI &	10M D	47.33.658	·			პე
	Softed Plato			Photo of UI	1 1/1-7 3	47.33.358	_		7	31

wilder at

Date	6/3/04			Δорг	REVIATIONS
Data Recorder	M6L				BEHAVIOR
Data Observer	Multhen Boyle Swary	A	air	FN	foraging near water's edge
Weather	Sury	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
	V	S	salt marsh	s	singing
***************************************		· M	mudflat	Р	passing through
······································		R	гіргар	С	calling
		MM	manmade structure (describe)	FI	flying
Page 🤈	of 10		And the state of t	N	nesting (including display or distraction)

SPECIES OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y):	COMPASS	BEHAVIOR	Notes	Рното#
Photo 32	4:07		toward KI	122.20.826	1		A. A. A. B. C.		
Rholo 33	1/08		toward w. Margina	(122.20.868	47.33.364	~			
Soudgiper	4/100	l	M	122.20,911	47.33.377	W	FN	foraging vecar	34
Will deer the	3:47	ţ	M	122,20,906	47,33.390	W	Fa	GBH also sighted @ Same location (note perode)	Q .
Soudpiper	\$:47	i. Î	M	u	и.	W	FN	game bud as prelime 34	
Killdeer	3152	4	М	122,20,967	17,33,557	ω	FN		

GBH 31.52,

world on Congreter

Date	6/3/04			Анн	REVIATIONS
Data Recorder	Mbi	23169	LOCATION		
Data Observer	MEB	A	air	FN	BEHAVIOR foraging near water's edge
Weather	Surry	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		S	salt marsh	s	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page //	of 10		等 医克尔克氏性小球性 (1955年) 1955年 (19	N	nesting (including display or distraction)

SPECIESI OBSERVED	TIME	#OF BIRDS	LOCATION DESCRIPTION	Easting (X):	Northing (Y):	Compass Direction	BEHAVIOR	Notes	Рното#
Sandpiper	4:18	1	M		47.33.566		FW	con Kellogo Isle Lievin & Mutthew	
								Think There are Sold in Vizavity	
Killdeen	4:01	5		122,20.814	47.33.54	'	FN	ox KI	
Thous 35	to	37		122.20,974	47.33.607		Cooking 5. forward		
- 24	M	4	A Solvey	DAY					
			V //						

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LDW spotted sandpiper observations form Form 2.

Date	6/4/04			Δορι	REVIATIONS
Data Recorder	MHC			Carrier Briefstrage	
Data Observer	Hevir Li	A	air	FN	BEHAVIOR foraging near water's edge
Weather	Eunny	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		s	salt marsh	s	singing
		М	mudflat	Р	passing through
·····		R	riprap	С	calling
NE-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		MM	manmade structure (describe)	FI	flying
Page į	of 5		recommended to the second of t	N	nesting (including display or distraction)

	SPECIES OBSERVED	TME	#OF BIRDS	Location Description	Easting (X):	NORTHING (Y):	COMPASS			Рното#
	Segment 32	9:29		Stant survey w. seattle			1000000		NOTES Survey Day	
	Milden	ી:38	î	m	122,21.013				2 3 dand of sey 7105 33 - Whe channel	The state of the s
KL	oppey	10!12	2	A, I rest	122 20,931	47.33.722	all	!		THE REAL PROPERTY OF THE PROPE
6M	SP Sandpiper	10/13	ĺ	- Gravel beach -	и	u		of water (-200) -	forus, sig in	
MEB, MGC	9 sandpiper to	10:20 10:52	3	3.	122.20.912	47.33.740	w- 2%	-1 berd audoble	e 210 +24:11deer	
Λ	* BH	100				47,33. 767		h		The state of the s
, ************************************	6BH/	(0 \ S *	\$1	M 1	MATERIAL STATE OF THE STATE OF			to veg		
			_		122.20.958	47.33.629	Eas	1		The state of the s
	Willdoor 9	.રન્૧	(	M	122,21.014	47:34.024	· · · · · · · · · · · · · · · · · · ·	FN	foruging along size channel - which on Con	upoter

Date	6/4/04			Δaar	REVATIONS AND RESERVED TO THE
Data Recorder	Mbe		LOCATION		State Control (Boulder) - Control State Cont
Data Observer		A	air	FN	BEHAVIOR foraging near water's edge
Weather	Svary	С	canopy	FA	foraging away from water's edge (describe)
	U	HG	high ground	R	resting
		S	salt marsh	s	singing
		M	mudflat	Р	passing through
		R	riprap	С	calling
	managaria de la companya and a del del de la companya managaria de la companya de la companya de la companya d	MM	manmade structure (describe)	FI	flying
Page (	of 5		registric de description of the second of th	N	nesting (including display or distraction)

	SPECIES OBSERVED	TIME	# of BIRDS	Location Description	Easting (X):	NORTHING (Y):	COMPASS DIRECTION	BEHAVIOR	Notes Hotom
	Killdeen	แน	1	M	122 21009	47 33 563	2	1 F N	W 4I porazing East
	Killdom	11:20	ţ	M	122.21.017	4733 538		FN	on namual
	GBH	11:55	j	M	Ø	r (	-	FN	
Ų.		11:45	- 1	M	122.20,871	47.33.332	348	FN	on KI apposite
	68A.	11:59 12:59	l	M	(22.20,788	47,33,536	145	EN	on Kt
-		1205 1302	2	М	122,20.717	47.33.421	144	FN	Possibly I more but I to Ncheard)
	,	<i>ر</i> ر	,p264e, 2014pvl 11.6	d hom her fire he		The state of the s			is News (e)

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Date (응/닉/0억			ARRE	REVIATIONS
Data Recorder MGL		LOCATION	4	CALCADA CALCADA DE LA CALCADA DE LA CALCADA CALCADA CALCADA CALCADA CALCADA CALCADA CALCADA CALCADA CALCADA CA
Data Observer	A	air	FN	BEHAVIOR foraging near water's edge
Weather	С	canopy	FA	foraging away from water's edge (describe)
	HG	high ground	R	resting
	S	salt marsh	S	singing
	· W	mudflat	Р	passing through
	. R	riprap	С	calling
The state of the s	MM	manmade structure (describe)	FI	flying
Page \ of \		The state of the s	N	nesting (including display or distraction)

		IRDS				% S		
SPECIES OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	Mores # 0
W.Ildew Y	12.04	1	M		47.33.362		FN	Notes
willden	100	4	M	122,20.83	47.33.374	-	FN	mid channel
spolt hillder								
opotkel	(244	ſ	M	122,70.892	47-33.401	·	FN	
	12.25	į	М	122,20,948	47.33.486		FU	
spobled	12,28		М	(22.20.247	47,33,497	240	FN	flew - froms
Willden	125	5	M	U	10	(0'		foraging on 47

Date 6/4/	04			Дррс	REVATIONS
Data Recorder MG	<u>د</u>		LOCATION		aprila de la manta de la companya d
Data Observer LUG	m Cj	A	air	FN	BEHAVIOR foraging near water's edge
Weather Sun	حبر،7	С	canopy	FA	foraging away from water's edge (describe)
	0	HG	high ground	R	resting
		S	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page 4 of 5			61444444	N	nesting (including display or distraction)

		RDS				83 S		
SPECIES OBSERVED	TIME	#OF BIRDS	LOCATION DESCRIPTION	Easting (X):	NORTHING (Y):	COMPASS	BEHAVIOR:	Wolfes
6/4/04/684	1143	3 l	NM (ow piling)		47 32 958		R	Pachelow Piling
osprey	1:416	2	um (on west Playona on light gale)	122,29,277	47,32,825	W	N	2 birds seed in west
6BH	152	1	A		4732 184	_	FL	Hushed bord _
Spolled Saudjign	2,05	j	Sel	122,20,056	47,32,450		FN	When en fere of six in starte order to the Br.
States sundayor	213		М	122.20.137	47.32.376	(7ò	FN	500 potream
GBH	247	1	nn	122.1861	47.32.224		R	Perched on truck in I Cleanal
money	a \ .11	1	· A	i (			The state of the s	10

soprey 2:42 1 A

d 11 ... Fl

flew overhead

Date	514104			ABB	REVIATIONS
Data Recorder	MGL	\$5651534LSG5	LOCATION		BEHAVIOR
Data Observer	Nevar ()	А	air	FN	foraging near water's edge
Weather	Mostly Enery - Som	С	canopy	FA	foraging away from water's edge (describe)
	hogh Gords	HG	high ground	R	resting
	·	S	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
	1995 h withous en jei 2014 de le constant année journe année 14 de le confession année 1886 de confession année 1894	MM	manmade structure (describe)	FI	flying
Page 5	of 5		A state of the sta	N	nesting (including display or distraction)

	SPECIES OBSERVED	TIME	#OF BIRDS	LOCATION DESCRIPTION	Easting (X):	NORTHING (Y):	COMPASS DIRECTION	BEHAVIOR	NOTES	PHOTO#
	GBH	2:59	-	M	122.12076	47.31.869	v160	FN, flow access.		
	BBH GBH	3:06		M addedfion longutes file	1	47.31.584	ω	FN	Caught Gosh	
bearra ans	osper	3120	<u> </u>	A	122,18,237	47.30.721 47.31,025	W	A	platforon	
from earny	Spotted	121:33	4	Z S	122.20.904	47.33.539	-	foreging in Rogh Sulfaraish		
	in. Udear	<sub>(2:</sub> 41		M	122,20,856	47.33,541	<b></b>			
	Rolled Sandripa	41:49	4	M	1220.827	1(1,33.604	_	3 flow from D 139 [island] \$ to Maso Island	of the bird Seen logh Balt margh	
	000	54 8	, / &	y day a 4:		4,53.988		<b>\</b> .	Balt ruish	
n haday taaan aa xanan xoonnoon qayahin qaaqaa qaaqaa qaaqaa	Willder 3:	00	(	M	122,18,053	47.30.745		FN	added from computer	ble

Date	16/7/04		To the state of th	Аввя	REVIATIONS				
Data Recorder	MEC		LOCATION BEHAVIOR						
Data Observer	Maplew, Foyle	А	air	FN	foraging near water's edge				
Weather	70% Clouds	С	canopy	FA	foraging away from water's edge (describe)				
-		HG	high ground	R	resting				
•		S	salt marsh	S	singing				
		M	mudflat	Р	passing through				
		R	riprap	С	calling				
		MM	manmade structure (describe)	FI	flying				
Page [	of 7			N	nesting (including display or distraction)				

*. * .	Species Observed	TIME	# of BIRDS	Location Description	EASTING (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	NOTES #
KL	Bald Caple	5:35	1	A	122.21.118	47.34.213		FC	How from a to
MEB	Meen	575	j	w	A	şı	W	Fu	on w. bank
k L	osprey	5:43	عيرك".	MM ( Power Hansu.)	17-34-101 122-20. 873	<del>47.34.105</del> 47.33.867	W	R	Worden lights ale
NA	Willdeen	5:4	1	liant ven Ki	Same as	e	ij	will thear IS	
MAL	0= Pry	5/58	Ì	MM (Light Role)	122.20,749	47.34.140	<i>દુપોધ</i>	R	in west
WV	GBH	ર્જુ:55	\	A	u ·	u	W	FL	Phymos over

Third from E Wal Looking South

Lower Duwamish Waterway Group

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Sandpiper survey May 26, 2004 Page 19

Port of Seattle | City of Seattle | King County | The Boeing Company

Date	6/7/04			ABBF	REVIATIONS:
Data Recorder	Mac		LOCATION		BEHAVIOR
Data Observer	Mathew Boyle	А	air	FN	foraging near water's edge
Weather	Matthew Bigle Clovely	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		S	salt marsh	S	singing
		M	mudflat	Р	passing through
		R	riprap	С	calling
		ММ	manmade structure (describe)	FI	flying
Page 2	of 7			N	nesting (including display or distraction)

	SPECIES OBSERVED	Time	# OF BIRDS	Location Description	EASTING (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	Notes	Рното#
Wel	Bald Engle	6.05	0	M	122.20.871	47,33.772	lf 3	R(on edge of water)	Start of segments	
MH	CBH	(7 <b>9</b> 5	į	MM (burge)	122.20.943	47.33.705	N	flew when we approached)		
W.	hill doen	Est.	#9	M	(122.20, 869 to)	4 <del>7.33.705</del> 47.33.658 to		FN	from tip of 4I To edge of thes	
W	espital surpiper	13	DX.	Μ	122,20,960	47.33.139	ĺΜ	FN	n 200 Jd ID unsure maybered	
W MEB	willdeen	<sub>ራ</sub> ነነ1	1	M	Simi a	s above	jt	FN		
45		53	\	M	122.20,907	47.33.389	- 100	FN	flew arounds end	

Tholo 2 @ S eard bellegs Island

Lower Duwamish Waterway Group

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Sandpiper survey May 26, 2004 Page 19

Date	617/04			ABBI	REVIATIONS
Data Recorder	MG C		LOCATION		BEHAVIOR
Data Observer	Matthew Eogle	А	air	FN	foraging near water's edge
Weather	Clovely	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		S	salt marsh	S	singing
		M	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page 3	of <i>7</i>			N	nesting (including display or distraction)

	SPECIES OBSERVED	TIME	# OF BIRDS	Location Description	EASTING (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	Notes	Рното#
MEB	GBH	6:30	ĺ	R	122.20.681	47.33.366	S	Fa		
METS	Buld Engle	6:31	1	My (Pilmy)	122.20.728	47.33.435	Ŋ	R ( Perched on P. ling)	Helbert by crows flew 5	
MEG!	globel	(મ્(ઇ	İ	an brach @ N Enel	122.20.887	47.33.620	(	FN	V	
MA	spotkal	6.30	• }	in sall mush / mudgled  @ a end UI	122.20.860	47.33.511		FA (foregoing in by midfled in him veg)		
a control and a	Willder	1.50	10	ţ:	; <b>(</b> 1	и		FA	All but I flow away	
20 - 1-1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	GBH	6.55	ļ	en bage nead	122.20.875	47.33.655				

Modo 3- Mon 5 don warg N edge KI Lower Duwamish Waterway Group

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Sandpiper survey May 26, 2004 Page 19

Date	617/04			Авві	REVIATIONS
Data Recorder	MGL		LOCATION		ВЕНАУІОЯ
Data Observer	Mother Books	А	air	FN	foraging near water's edge
Weather	Gevely	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		S	salt marsh	s	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page ¿	of 7			N	nesting (including display or distraction)

	SPECIES OBSERVED	Time	#OFBIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR:	Notes #
Mer	Osprey	6.55	Ì	A	NC 04.	013 Cow island 47.33.511	พ	P	wind channel with with the
MEB	gudgger	7:05	1	3	NO MO 122.20.860	الد لنكاب ا		floshed from took of	on and KI is light saltmarsh
hi MB	Sandpyer.	7:21	3	s edge of Chancel	MOB	below	Ň	FN	(i) iv. End of T105 Marsh near highing
	i 1	7:21	'2+		MOB @ 5	De = 0:730 Lugge 33.721	1 1	FN	. 81
	63H	7:35		MM-m Joch Railing	122,20,756	47,33.803	ร	7	
	6BH	7:46	1	MM- conver of bange	122.20.565	47.33.421	5 <b>5</b> W	2	on burge

Date	6/7/04			Авы	REVIATIONS
Data Recorder	M6-C		LOCATION		BEHAVIOR
Data Observer	Matthew Boxle	A	air	FN	foraging near water's edge
Weather	Clovely	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		s	salt marsh	s	singing
		. М	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page 5	of Z			N	nesting (including display or distraction)

	SPECIES OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	Easting (X):	NORTHING (Y):	COMPASS DIRECTION	BEHAVIOR	Notes	Рното#
	osprey	7:48	2	MM (on hoist in barge)	122.20.472	4733 414	W	R	flew in from E	<u> </u>
	tald Eagle	osw	1	A	122.20.476	47.33.097	Over her	FI	flew grethend wither by com	
	so surpper	303	1	RR	122.20.432	47.33.131	Z.	Fl, firaging	flew pour RR+0 RR in Manuel Area	
	6BH	G!2L	· •••	nm (on Piling)	122.20.508	47.32.924	دم	R. flew when we approve		
	GBN	3,3€	1	MM (on of duch)	122.20.145	47.82.859	••-	2. Plan when we	N. Tide 1st Aves.	
7	ospely	જુઃલ૧	2	mn (light pole)	(22.20.306	47.32.911	ಬ	R(on west)		

Lower Duwamish Waterway Group FINAL

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Date	6/7/04			ABBI	REVIATIONS
Data Recorder	Mal	2000	LOCATION		BEHAVIOR
Data Observer	Matthew Burle	A	air	FN	foraging near water's edge
Weather	Cloudy	С	canopy	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		S	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page (	of Z			N	nesting (including display or distraction)

	SPECIES OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y);	COMPASS DIRECTION	BEHAVIOR	Notes	Рното#	
ner	SpotHel surliper	8:52	1	R	122.20.326	47.32.978	E	FN	Flushed birder 50 - flew S		
W	Pottel gong is	9:10	1	Μ	127.20.592	47.32.467	S	FN	w/ Kill doer	7	u a
	K:11den	વિવૃક્	l	Auditory LM	1220,091	47.32.401	S	waktFN			
		9116	1	M (on 7. ling)	9 ine	bere	5	R	A STATE OF THE STA	-	
	Rotted gombifer	qiat	١	R	122,19,546	M:32.329	(	FN			13 mine
in the planting of the plantin	101	91.34	1	Borge	122.19.703	યુ7.32 <b>.</b> અજ	•	R	~		

Date	6/7/64			ABBI	REVIATIONS
Data Recorder	Mac	1	LOCATION		BEHAVIOR
Data Observer	Matthew Boyle	А	air	FN	foraging near water's edge
Weather	Cloudy up some 14 in	С	canopy	FA	foraging away from water's edge (describe)
	U	HG	high ground	R	resting
	<b>3</b>	s	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
	*	MM	manmade structure (describe)	FI	flying
Page 7	of 7			N	nesting (including display or distraction)

SPECIES OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	NOTES	Рното#
6811	ષ્:૬૪	1	MM (lange)	122.19.134		٤	FN	flew when we approached	300
Leregine	10:4	1	MM (Boeing Plan)	122,18,733	47.31.680 47.31.939	٤	R		
6BN	D:48	1	ma (?:ling)	122.18.645	47.31.624		R	flow when we opproached	
65H	ij'.iA	. ] ,	Wh (Piling)	122.18.342	47.31.153	<i>,</i> -	R		
Jopen	1:24		mm l byt role	122.18.356	47.30,984	•(	R	or most	
4:11 der	11.5	)	Mud	122,18.112	47.30, 742	S	I'N	W. Banh	
6BH	11:018		MM - MM	122,18,211	47.30,783		R	Her when we	i

Lower Duwamish Waterway Group

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Sandpiper survey May 26, 2004 Page 19

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Date	6/11/04	10.02		Авв	REVIATIONS
Data Recorder	MEL		LOCATION		BEHAVIOR
Data Observer	Malliw Boyle	A	air	FN	foraging near water's edge
Weather	Cloudy	С	canopy	FA	foraging away from water's edge (describe)
	+1600 Scribed from	HG	high ground	R	resting
	pield Notebook	S	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
	·	MM	manmade structure (describe)	FI	flying
Page (	of 4			N	nesting (including display or distraction)

SPECIES OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	Notes	Рното#
Willdeer	5:49	1	М	47,30.701	122,18.168	S	FN		
3p. Sandpiper	5.52	1	M	47.30.720	122,18,082	w	FN		
Willdeen	5:57	1	M	47.30.704 E	(22.17.911 7	w	FN		
Willdeer	6:01	. 1	M	122,17.908	47,30.728	#\U	FN		
Spolled Sandpiper	6:06	1	RR (bravely beach)	122.18.201	47,30. 786	٤	FN	flew from & Back 10 w. Back floored	
River offer	6:10	(	RR		47,30, 923 122,18.285	ع	UNKNOWN	flew from E Back 10 w. Back flowhed Cabort 50 pory boat (orded on RR	

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Date	6/11/04			ABBE	REVIATIONS
Data Recorder	M6-L		LOCATION		BEHAVIOR
Data Observer	Mollher-Boyle	А	air	FN	foraging near water's edge
Weather	Clordy	C	сапору	FA	foraging away from water's edge (describe)
		HG	high ground	R	resting
		S	salt marsh	S	singing
		М	mudflat	Р	passing through
		R	riprap	С	calling
		MM	manmade structure (describe)	FI	flying
Page 🍾	of 4			N	nesting (including display or distraction)

SPECIES OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	EASTING (X):	NORTHING (Y):	COMPASS DIRECTION	BEHAVIOR	NOTES ##
Willdeen	6:18	1	audio of bird above veg in ranking lot?	122.18.174	47.31.170	N	Whovor	Avelio only
spotted sand- Piper	6:18	1	UNCERTAIN AUDIN	и	11	WSiv	Audio only L vaccidain	
6BH	6:26	I	М	122.18.3%	47.31.253		FN	
OPPLEY	6:35	2	M (lightpole)	122,18,389	47.31.011	W	R	
Spotted Surdriper	6:41	1	RR	122,18321	47.30.819	W	FN	© 6:18?
6BH	6,54	l	им (Jolphin)	122,18.633	47.31.630	٤	R	

Date	6/11/04		ABBREVIATIONS:					
Data Recorder	Mbl		LOCATION	17.5	BEHAVIOR			
Data Observer	Matthew Boyle	А	air	FN	foraging near water's edge			
Weather	Cloudy	С	canopy	FA	foraging away from water's edge (describe)			
		HG	high ground	R	resting			
		S	salt marsh	s	singing			
		М	mudflat	Р	passing through			
		R	riprap	С	calling			
		MM	manmade structure (describe)	FI	flying			
Page ʒ	of 4			N	nesting (including display or distraction)			

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SPECIES OBSERVED	Тімё	# OF BIRDS	LOCATION DESCRIPTION	EASTING (X):	Northing (Y):	COMPASS	BEHAVIOR	Notes	PHOTO#
6BH	7:20	1	MM(Piling)	127,19.133	47.32.208	٤	2. flew when we approached Audio only	Sudsy Joan on 420 @ Pipe	
Spotted Sundpoper	7:45	1	audio only	122,19,812	47.32.385	W	Audio only	on w. bash w of location	
6BH	7:58	l	MM (Piling)	122,19.890	47. 32.546	٤	R		
goofel Saudpiper	8:31	ì	М	(22,20.154	47,32,528	W	fi	flow 5. when we approached flushing	
								dislavre ~ 50-100°	
6BH	8:17	l	7.R	122,20,326	47.32.480		FN	flew Nutien we approached	

Date	ALL 06/11/04			ÁBBI	REMIATIONS/
Data Recorder	Mbi		Location		BEHAVIOR
Data Observer	Midlim Boyle	А	air	FN	foraging near water's edge
Weather	Cloudy 1	С	canopy	FA	foraging away from water's edge (describe)
	V	HG	high ground	R	resting
		S	salt marsh	S	singing
		M	mudflat	Р	passing through
		R	riprap	С	calling
		ММ	manmade structure (describe)	FI	flying
Page 4	of d			N	nesting (including display or distraction)

SPECIES OBSERVED	TIME	# OF BIRDS	LOCATION DESCRIPTION	Easting (X):	Northing (Y):	COMPASS DIRECTION	BEHAVIOR	Notes	Рното#
GBH	7:03	ì	М	122,20.697	47.33.658	ε	FN		
6BH Willdeer	9:03	3	М	10	K	E	FN		
6BH	9:15	Ì	RR	122.20.734	47.34. <i>200</i>	٤	FN		
		•							
·									