

From: [BrownScott, Jennifer](#)
To: [Ralph Riccio](#)
Cc: [Sollmann, Lorenz](#)
Subject: Re: Follow up to yesterday's call
Date: Tuesday, January 2, 2018 9:52:15 AM
Attachments: [Eelgrass survey7.19.2016.pdf](#)
[Eelgrass Survey B sheet.pdf](#)
[Eelgrass Survey A sheet.pdf](#)

Here are the spreadsheets you asked for. We also included a GIS map of the points.

Wish you the best in the new year.

-jennifer

Jennifer Brown-Scott
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~~Dungeness NWR~Protection Island NWR~San Juan Islands NWR~~
~~Copalís NWR~Flattery Rocks NWR~Quillayute Needles NWR~~

On Thu, Dec 28, 2017 at 9:53 AM, Ralph Riccio <rriccio@jamestowntribe.org> wrote:

Seasons greetings!

Yes, I will connect with Matthew for the Army Corps requirements.

Is there any chance either of you can email me a scanned copy of the data sheets from the presence absence survey we did in 2016?

We will be submitting to Clallam County shortly and would like to give them as much information as possible.

Thank you!

Ralph

From: BrownScott, Jennifer [mailto:jennifer_browns cott@fws.gov]
Sent: Friday, December 22, 2017 10:53 AM
To: Ralph Riccio <rriccio@jamestowntribe.org>
Subject: Follow up to yesterday's call

Glad we had a chance to talk yesterday. I just wanted to follow up since we got cut short by a bad cellular connection. If you have questions about Matthew Bennett's response to your aquaculture permit inquiries, please be sure to contact him directly. I do not know enough about the ACOE permit process to clarify or interpret his responses.

I hope you are able to provide the County the information they are looking for in regards to our eelgrass presence/absence survey.

Best wishes as we finish out 2017 and begin a new year.

-jennifer

Jennifer Brown-Scott

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~~Dungeness NWR~Protection Island NWR~San Juan Islands NWR~~

~~Copalis NWR~Flattery Rocks NWR~Quillayute Needles NWR~~

Date: 7/17/16
GPS:

Dungeness Lease Eelgrass Survey

Pt. Name/#	Lat.	Long.	# of Plants	Area	Distance to Next Eelgrass	Native?
ZE 66	48.	-123.	3 1/4 sq			
ZE 67B	48.166663	-123.154371	20 3x1.			
ZE 68	48.	-123.	7 1.5 sq			
ZE 69B	48.166578	-123.154542	35 3x4.			
ZE 70B	48.166391	-123.154582	15 1.5x5			
71B	48.166607	-123.154704	25 2x3.			
72	48.	-123.	4 1/4 sq			
73B	48.166603	-123.154755	3			
74	48.	-123.	6 1/5 sq			
75B	48.166428	-123.154898	8 1.5x5			
76	48.	-123.	5 1/4 sq			
77B	48.166494	-123.154910	1			
78	48.	-123.	6 1.5 sq			
79	48.	-123.	2 1/4 sq			
80B	48.166341	-123.155030	21 7x3.			
81	48.	-123.	5 1.5 sq			
82	48.	-123.	30 1.5 sq			
84B	48.166378	-123.155137	25 1.5x2.			
85	48.	-123.	5 1.5 sq			
86B	48.166298	-123.155160	8 1.1x5			
87	48.	-123.	6 1.5 sq			
88B	48.166331	-123.155326	21 2x2			

Date: 7/1/16
GPS:

Dungeness Lease Eelgrass Survey

Pt. Name/#	Lat.	Long.	# of Plants	Area	Distance to Next Eelgrass	Native?
89	48.	-123.	3 1/4 sq			
90	48.	-123.	3 1/4 sq			
91	48.	-123.	9 .5 sq			
92B	48.166361	-123.155506	3			
93	48.	-123.	7 1/4 sq			
94B	48.166377	-123.155553	1			
95	48.	-123.	3 .5 sq			
96	48.	-123.	7 .5 sq			
97B	48.166377	-123.155609	4 1/4 sq			
98	48.	-123.	5 .5 sq			
99	48.	-123.	17 .5 sq			
100B	48.166256	-123.155642	4 5x1.			
101B	48.166222	-123.155689	4			
102B	48.166179	-123.155647	10 1x.5			
103	48.	-123.	10 .5 sq			
104	48.	-123.	2 1/4 sq			
105	48.	-123.	1			
106	48.	-123.	12 2.5 sq			
107	48.	-123.	3 1/4 sq			
2E108	48.	-123.	2			
109	48.	-123.	1			
110B	48.	-123.				

Date: 7/1/2016

GPS: KB

Dungeness Lease Eelgrass Survey

Start Time 7:20 End Time

Temperature: 64 Weather: clear

Pt. Name/#	Lat.	Long.	# of Plants	Area	Distance to Next Eelgrass	Native?
	48.168103	-123.153159	2			
	48.167362	-123.154571	1			
	48.167338	-123.155045	4			
	48.165846	-123.157662	4			
	48.165964	-123.157776	1			
	48.165797	-123.157751	3	E 66B		
	48.165752	-123.158073	2			
	48.165723	-123.158109	3	8		
	48.165664	-123.158286	13			
	48.165596	-123.158346	1x2m			
	48.165644	-123.158511	1	11		
	48.165565	-123.158458	5			
	48.165554	-123.158562	4			
	48.165417	-123.158551	5	13		
	48.165549	-123.158718	4	14		
	48.165481	-123.158695	2	15		
	48.165466	-123.158674	2.5x1 m	16B		
	48.165403	-123.158739	1x1 m	17		
	48.165388	-123.158771	3	18	1st 3m Sth	
	48.165331	-123.158872	2			
	48.165467	-123.159007	4	19		
	48.165246	-123.159053	13	20		

Pt. Name/#	Lat.	Long.	# of Plants	Area	Distance to Next Eelgrass	Native?
	48.16 51 95	-123.15 91 01	3x4 m.	EGP13		
	48.16 52 70	-123.15 92 15	7	21		
	48.16 53 75	-123.15 92 74	5	EG223		
	48.16 51 46	-123.15 95 03	6	23		
	48.16 50 02	-123.15 93 51	4	24		
	48.16 49 85	-123.15 94 48	13	25		
	48.16 51 14	-123.15 96 61	1x1.5 m	26		
	48.16 50 93	-123.15 96 71	4	27		
	48.16 50 01	-123.15 97 83	1	28		
	48.16 49 59	-123.15 98 64	9 of 2	29	6'	
	48.16 46 98	-123.15 97 95	2	30		
	48.16 47 74	-123.15 98 85	12	31		
	48.16 47 24	-123.15 98 67	7	32		
	48.16 49 03	-123.15 98 92	1x1.5 m	33		
	48.16 46 68	-123.15 99 00	1x1.5 m	34		
	48.16 46 80	-123.15 99 90	1x1.5 m	35		
	48.16 47 34	-123.16 00 15	12	36		
	48.16 47 59	-123.16 00 20	5	37		
	48.16 48 24	-123.16 00 42	4	38		
	48.16 46 87	-123.16 02 11		EGP2		
	48.16 44 32	-123.15 98 75	15	39		
	48.16 44 68	-123.15 98 41	6	40		

Pt. Name/#	Lat.	Long.	# of Plants	Area	Distance to Next Eelgrass	Native?
	48.164444	-123.159794	1x1 m	41		
	48.164423	-123.159800	20	42		
	48.164460	-123.159741	2x2 m	43		
	48.164519	-123.159716	15	44		
	48.164463	-123.159632	5	45		
	48.164415	-123.159503	2.5 x 1 m	46		
	48.164459	-123.159523	20	47		
	48.164505	-123.159553	18	48		
	48.164534	-123.159496	12	49		
	48.164802	-123.159235	32	50		
	48.164666	-123.159227	2	51	10'	
	48.164686	-123.159232	24	52		
	48.164748	-123.159052	2x2 m	53	10'	
	48.164858	-123.158840	20	54		
	48.164768	-123.158899	33	55		
	48.164798	-123.158816	17	56		
	48.164855	-123.158693	12 x 0.5 m	57	10 m	
	48.164835	-123.158653	2x2 m	58		
	48.164926	-123.158456	41	59		
	48.164998	-123.158365	2	60		
	48.165100	-123.158024	5	61		
	48.165268	-123.157916	4	62		

48,165336	123,157890	#P'	63	
48,165445	123,157404	20	64	
48,165307	123,157422	15	65	$\begin{array}{c} 6 \\ \triangle \\ 3 \quad 5 \end{array}$
48,165322	123,157293	3	66	
48,165429	123,157203	11	67	X 4 12 m,
48,165692	123,156606	4	68	
48,165591	123,156565	2	69	
48,166247	123,156311	4 x 1 m	70	
48,166345	123,155867	4	71	
48,166224	123,155688	5	72	
48,166452	123,155597	11	73	
48,166790	123,155289	6	74	
48,166829	123,155086	5	75	
48,165542	123,160771	2	76	

Date: 7/1/2016

Dungeness Lease Eelgrass Survey

Start Time 7:20 End Time GPS: BATemperature: Weather:

Pt. Name/#	Lat.	Long.	# of Plants	Area	Distance to Next Eelgrass	Native?
E1A	48. 168390	-123. 153218	1		N/A	
E2A	48. 166977	-123. 155818	1		N/A	
E3A	48. 16610	-123. 156603	1			
E4A	48. 166263	-123. 157090	32	2x1.5m		
E5A	48. 166289	-123. 157357	6	.25 m ²		
E6A	48. 166084	-123. 157848	6	.25 m ²		
E7A	48. 165975	-123. 157899	29	1x.5m		
E8A	48. 165953	-123. 157851	4	.25 m ²	3m	
E9A	48. 165892	-123. 157995	2	.25 m ²		
E10A	48. 165830	-123. 158206	12	.25x.5m		
E11A	48. 165734	-123. 158338	40-50	2 m ²		
E12A	48. 165696	-123. 158892	10	.25 m ²		
E13A	48. 16564	-123. 158789	4	.25 m ²		
E14A	48. 165618	-123. 158950	1			
E15A	48. 165485	-123. 159106	4	.25 m ²		
E16A	48. 165429	-123. 159208	3	.25 m ²		
E17A	48. 165327	-123. 159658	2	.25 m ²		
E18A	48. 165191	-123. 159743	4	.25 m ²		
E19A	48. 165256	-123. 159837	50-60	1.5 m ²		
E20A	48. 165188	-123. 159835	3	.25 m ²		
E21A	48. 165202	-123. 159910	10	.25 m ²	7m	
E22A	48. 165168	-123. 159916	3	.25 m ²	4m	
E23A	48. 165158	-123. 159949	2	.25 m ²	2m	
E24A	48. 165099	-123. 160015	1		5m	

Ralph
PIC 1

Pt. Name/#	Lat.	Long.	# of Plants	Area	Distance to Next Eelgrass	Native?
E25A	48. 165012	-123. 159970	30	2 m ²		
E26A	48. 165040	-123. 160107	3	.25 m ²		
E27A	48. 164980	-123. 160268	8	.25 m ²		
E28A	48. 164796	-123. 160292	10	1 m ²		
E29A	48. 164850	-123. 160502	7	.25 m ²		
E30A	48. 164699	-123. 160424	12	.5 m ²		
E31A	48. 164118	-123. 159555	150-200	4 m ²		
E32A	48. 164235	-123. 159658	400-500	10 m ²		
E33A	48. 164136	-123. 159433	150	4 m ²		
E34A	48. 164159	-123. 159435	8	.5 m ²	2 m	
E35A	48. 164165	-123. 159318	20	1 m ²		
E36A	48. 164184	-123. 159283	25	1.5 m ²		
E37A	48. 164339	-123. 159205	15	.5 m ²		
E38A	48. 164399	-123. 158975	8	.5 m ²		
E39A	48. 164424	-123. 158731	6	.25 m ²		
E40A	48. 164476	-123. 158729	600-700	10 m ²		
E41A	48. 164592	-123. 158739	50-60	3 m ²		
E42A	48. 164612	-123. 158741	70-80	4 m ²		
E43A	48. 164670	-123. 158775	24	1 m ²		
E44A	48. 164695	-123. 158777	800-900	7 m ²		
E45A	48. 164760	-123. 158706	300-400	5 m ²	2 m	
E46A	48. 164762	-123. 158755	60	3 m ²	2 m	

Dense

Polygon

Polygon
dense

Photo

Pt. Name/#	Lat.	Long.	# of Plants	Area	Distance to Next Eelgrass	Native?
E47A	48. 164496	-123. 158402	50	1.5 m ²		
E48A	48. 164664	-123. 158507	1			
E49A	48. 164633	-123. 158477	3	.25 m ²		
E50A	48. 164629	-123. 158446	7	.5 m ²		
E51A	48. 164616	-123. 158469	5	.25 m ²		
E52A	48. 164729	-123. 158220	1			
E53A	48. 164755	-123. 158132	2			
E54A	48. 164840	-123. 158005	12	1 m ²		
E55A	48. 164892	-123. 157894	4	.25 m ²		
E56A	48. 164884	-123. 157744	4	.5 m ²		
E57A	48. 164189	-123. 157704	4	.25 m ²		
E58A	48. 165130	-123. 157668	1			
E59A	48. 164997	-123. 157512	3	.25 m ²		
E60	48. 165094	-123. 157540	2			
E61	48. 165185	-123. 157399	4	.25 m ²		
E62	48. 165233	-123. 157385	3	.25 m ²		
E63	48. 165244	-123. 157208	5	1 m ²		
E64	48. 165342	-123. 156918	2	.25 m ²	↓	
E65	48. 165320	-123. 156893	5	.25 m ²	2 m ²	
E66	48. 165449	-123. 157049	3	.5 m ²	↓	
E67	48. 165490	-123. 157022	1		4 m	
E68	48. 165435	-123. 156831	14	3 m ²		

Plt Name LAT Long Plants Area

E69A	165404	156816	3	.25m ²
E70A	165451	156767	5	.25m ²
E71A	165536	156663	15	1m ²
E72A	165847	156292	1	
E73A	165935	156260	1	
E74A	165171	156299	6	.5m ²
E75A	166115	156076	3	.25m ²
E76A	166062	123155841	20	2m ²
E77A	166078	155689	5	.5m ²
E78A	166261	155651	8	.5m ²
E79A	166202	155449	3	.25m ²
E80A	166244	155439	3	.25m ²
E81A	166338	155339	63	2.5 x 2m
E82A	166508	155352	10	1m ²
E83A	166302	155156	13	1.5m ²
E84A	166376	155131	35	2m ²
E85A	166426	154782	7	.25m ²

Yellow

E301A	166544	158142	1	.
E302A	166037	159036	6	.5m ²
E303A	165787	159591	5	.25m ²
E304A	165721	159868	25	1m ²
E305A	165688	159863	2	.25m ²
E306A	165694	160058	4	.25m ²
E307A	165649	160053	11	1m ²

↓
4m

E 308A 165540 160203 4 .25m²