Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Arroyo Beach

Site ID: P5513175-000002

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** Biondo

Bag # 640 Empty 4 Rotten ____ Gaping ____ Cracked ____ Alive 12 TOTAL 16

Bag # 855 Empty 2 Rotten ____ Gaping ____ Cracked ____ Alive 14 TOTAL 16

Bag # 583 Empty 4 Rotten ____ Gaping ____ Cracked ____ Alive 12 TOTAL 16

Bag # 602 Empty 3 Rotten ____ Gaping ____ Cracked ____ Alive 14 TOTAL 17

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6089 **to** 6100
(numbers assigned by WDFW staff)

Recorder: Marico Langness

Recorder: R. FISK

Today's Date: 2/9/2016

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6089	583		Y		2.5	
6090	583		Y		2.8	
6091	583		Y		2.8	
6092	855		Y		2.4	
6093	855		Y		2.8	
6094	855		Y		2.7	
6095	602		Y		2.8	
6096	602		Y		2.3	
6097	602		Y		2.7	
6098	640		Y		2.4	
6099	640		Y		3.1	
6100	640		Y		2.8	
				Date & Time In Oven: 2/9/16 15:00	Date & Time Out of Oven: 2/16/16 1512	

Comments:

* Forgot to take shell length before dissection.

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Arroyo Beach

Site ID: PSS13175-000002 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/24/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 166793 **to** 166824

~~Empty jar weight:~~ _____ Full jar weight: _____ ~~Total tissue weight:~~ _____ (~~i.e. full jar~~ - empty jar)

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads Y/N/Unk	Other Observations
6793	602	55.69	5.8		
94		53.61	2.4		
95		52.08	4.4		
96		51.75	4.6		
97		54.40	6.1		
98		55.05	6.2		
99		54.60	2.9		
6800		57.56	8.1		
01	640	55.90	6.4		
02		56.62	7.3		
03		59.29	8.1		
04		59.44	5.9		
05		58.91	6.5		
06		57.63	7.1		
07		60.85	7.8		
08		56.14	6.8		
6809	855	52.37	4.8		
10		56.78	4.5		
11		56.95	8.1		
12		51.67	6.3		
13		58.19	4.2		
14		55.74	5.8		
15		57.05	5.5		
16		51.60	7.0		
6817	583	55.34	7.0		
18		56.87	4.6		
19		55.71	7.3		
20		59.11	4.4		
21		52.11	7.0		
22		58.90	6.3		
23		56.43			Not sure why data did
24		61.31			Not get recorded - RJF

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 38.3 g
16 01B -MTW 46.9 g
16 01C -MTW 45.8 g
16 01Z -MTW 47.6 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/24/16 | Recorder(s): RJFISK / J. Welch

Comments:

Bag# 602 640

Bag# 855 583 ~~853~~

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Brackenwood Ln

Site ID: PSS13175 -000003

Assess mussels in each bag **Today's Date:** 2/8/16 **Recorder:** JAW

Bag # 698	Empty 5 PC 2/25/16	Rotten —	Gaping —	Cracked 1	Alive 9 PC 2/25/16	TOTAL 16
Bag # 681	Empty 4	Rotten —	Gaping 1	Cracked —	Alive 12	TOTAL 17
Bag # 685	Empty 2	Rotten —	Gaping —	Cracked —	Alive 14	TOTAL 16
Bag # 687	Empty 4	Rotten —	Gaping —	Cracked —	Alive 12	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5933 **to** 5944

(numbers assigned by WDFW staff)

Recorder: Marilco Langness

Today's Date: 2/8/2016

Recorder: R. FISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5933	698	51.27	Y		2.7	
5934	698	59.70	Y		2.5	
5935	698	56.14	Y		2.1	
5936	681	54.09	Y		2.6	
5937	681	52.92	Y		2.2	
5938	681	58.71	Y		2.8	
5939	685	56.31	Y		2.8	
5940	685	60.70	Y		2.8	
5941	685	58.31	Y		2.1	
5942	687	51.38	Y		2.2	
5943	687	53.42	Y		2.5	
5944	687	51.99	Y		2.4	
				Date & Time In Oven: 2/8/2016 ML 1600	Date & Time Out of Oven: 2/16/16 1024	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Brackenwood LN

Site ID: RSS13175 - 000003 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/25/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 6819 **to** 6950

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

	Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads Y/N/Unk	Other Observations
6921	6919	698	57.21	9.9		
22	20	698	58.59	10.3		
23	21	698	60.09	8.6		
24	22	681	~~54.68~~			Empty / 681 mussel - 58.71mm, 8.7g
25	23	698	58.27	8.7		
26	24	698	57.30	7.0		
27	25	698	52.54	8.3		
28	26	698	56.83	5.7		
29	27	687	59.07	8.7		
30	28		53.11	5.6		
6931	29		51.21	5.7		
32	30		51.46	7.1		
33	31		54.40	6.2		
34	32		55.97	6.8		
35	33		61.17	9.2		
36	34		55.31	7.0		
37	35	681	55.74	7.6		
38	36		58.88	10.7		
39	37		53.16	6.8		
6940	38		52.40	6.0		
41	39		52.23	5.5		
42	40		57.85	7.3		
43	41		58.14	7.5		
44	42		61.01	8.6		
45	43	685	58.60	8.6		
46	44		53.93	7.6		
47	45		55.18	7.1		
48	46		52.68	7.0		
49	47		53.86	6.9		
6950	48		60.79	10.4		
51	49		55.89	8.3		
6952	6950		59.58	8.9		

SampleIDs (include incremental numbers and/or letters at end):

16RSMP003-MTW01A 47.5g
16RSMP003-MTW01B 51.1g
16RSMP003-MTW01C 49.9g
16RSMP003-MTW01Z 51.4g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/25/16 Recorder(s): RJ FISK PM Campbell

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Cherry Point North

Site ID: PS513175-000004

Assess mussels in each bag **Today's Date:** _____ **Recorder:** _____

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
915	5				10	15
914	4				12	16
938	6				10	16
924	4		1		11	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6209 **to** 6218

(numbers assigned by WDFW staff)

Recorder: Tracey Scalici

Today's Date: 2/9/16

Recorder: RJFISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6209	914	58.83	Y		3.3	
6210	914	53.69	Y		2.3	
6211	914	54.60	Y		2.3	
6212	924	55.39	Y		2.2	
6213	924	56.10	Y		2.6	
6214	924	54.08	Y		2.4	
6215	938	51.99	Y		2.3	
6216	938	59.31	Y		3.1	
6217	~~938~~ 915	58.47	Y		2.6	
6218	915	54.03	Y		2.4	
				Date & Time In Oven: 2/9/16 4:50 pm	Date & Time Out of Oven: 2/16/16 1606	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Cherry Point North

Site ID: PSS13175 000004 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/25/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 7080 **to** 7111

~~Empty jar weight:~~ _____ Full jar weight: _____ ~~Total tissue weight:~~ _____ ~~(i.e. full jar - empty jar).~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7080	914	57.09	10.2		
81		56.54	7.7		
82		54.05	4.7		
83		53.29	5.5		
84		57.75	9.4		
85		53.55	6.8		
86		59.22	7.7		
87		52.76	5.3		
7088	915	51.74	4.5		
89		55.22	6.8		
90		59.78	7.5		
91		53.63	4.9		
92		51.24	5.2		
93		57.73	7.4		
94		53.89	5.4		
95		57.37	6.0		
7096	924	49.79	3.4		
97		55.87	4.7		
98		58.22	7.7		
99		56.98	5.9		
7100		56.82	5.1		
01		52.80	4.8		
02		57.08	4.9		
03		55.15	6.3		
04	938	51.22	3.9		
05		53.26	5.3		
06		52.21	4.9		
07		50.00	3.4		
08		55.87	5.7		
09		51.45	4.7		
10		59.26	6.4		
7111		56.47	5.3		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 46.4
16 01B -MTW 45.3
16 01C -MTW 46.1
16 01Z -MTW 38.7

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/25/16 Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Salmon Beach

Site ID: ~~#8~~ P5513175-080005

Assess mussels in each bag **Today's Date:** 2/10/16 **Recorder:** Cecilia Walters

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
667	5				11	16
651	6				10	16
657	4				12	16
661	6				10	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
#651 - only 2 for conditioning
#661 - only 2 for conditioning

CONDITION INDEX LOG - Fish ID# range: 6389 **to** 6400
(numbers assigned by WDFW staff)

Recorder: Hannah Ferguson

Today's Date: 2/10/16

Recorder: RJFISK / Jennifer Welch

Today's Date: 2/17/16 / 2/22/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6389	667	53.94	Y		2.9	
90	667	56.51			2.8	
91	667	55.87			2.4	
92	651	50.48			2.2	
93	651	52.92			2.2	
94	657	55.09			2.2	
95	657	58.49			2.3	
96	657	53.76			2.4	
97	661	58.53			2.7	
98	661	56.11			2.8	
~~99~~	~~NA~~	—				
~~6400~~	~~NA~~	—				
				Date & Time In Oven: 2/10/16 15:23	Date & Time Out of Oven: 2/17/16 1022* 2/22/16 8:41	

Comments:
* Ovens turned off @ 0750 on 2/16/16
* continued with 6395 on 2/22/16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Salmon Beach

Site ID: PSS 13175-000005 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/2/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8264 **to** 8295

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8264	661	51.15	5.2		
8265		53.70	5.5		
8266		52.95	5.1		
8267		57.28	7.4		
8268		53.18	5.5		
8269		53.36	5.1		
8270		51.82	4.8		
8271		55.14	7.0		
8272	657	53.43	5.4		
8273		57.27	6.9		
8274		56.18	7.9		
8275		54.56	6.8		
8276		49.73	4.4		
8277		53.43	5.6		
8278		58.83	7.5		
8279		54.28	4.9		
8280	651	58.19	6.7		
8281		55.28	6.5		
8282		52.98	6.0		
8283		56.11	6.6		
8284		53.63	4.7		
8285		58.78	6.1		
8286		55.54	5.4		
8287		50.70	5.0		
8288	667	52.61	4.9		
8289		52.64	4.8		
8290		60.88	8.2		
8291		51.46	4.6		
8292		44.29	3.4		
8293		52.46	5.3		
8294		59.06	6.5		
8295		55.40	6.7		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.3
16 01B -MTW 49.8
16 01C -MTW 47.4
16 01Z -MTW 35.4

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/2/16 Recorder(s): T. Scalici

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Eagle Harbor Dr. Bainbridge

Site ID: PSS13175-000006

Assess mussels in each bag **Today's Date:** 2/8/16 **Recorder:** LAN

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
713	5	/	/	/	11	16
704	/	/	/	/	16	16
695	3	/	/	/	13	16
679	2	/	/	/	14	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5981 **to** 5992

(numbers assigned by WDFW staff)

Recorder: Hannah Ferguson

Recorder: R FISK

Today's Date: 2/8/16

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5981	713	57.70	Y		2.4	
82	713	58.87	Y		3.2	
83	713	57.07	Y		2.9	
84	704	58.77	Y		3.6	
85	704	50.60	Y		2.3	
86	704	55.78	Y		2.6	
87	695	51.89	Y		2.5	
88	695	55.07	Y		2.4	
89	695	52.88	Y		2.3	
90	679	55.35	Y		2.4	
91	679	53.36	Y		2.7	
92	679	53.98	Y		2.4	
				Date & Time In Oven: 2/8/2016 16:20	Date & Time Out of Oven: 2/16/16 1411	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Eagle Harbor, Bainbridge

Site ID: 006 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7240 **to** 7271

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7240	713	54.05	9.0		
41		51.19	3.9		
42		61.64	5.6		
43		56.80	5.7		
44		56.61	4.9		
45		58.35	3.8		
46		60.56	5.9		
47		59.40	6.3		
48	704	57.34	4.5		
49		53.28	4.4		
7250		60.26	6.7		
51		55.10	3.3		
52		54.92	4.2		
53		58.03	3.7		
54		54.50	5.2		
55		56.15	4.2		
56	695	55.93	5.8		
57		63.02	7.4		
58		54.99	5.2		
59		54.97	4.9		
7260		54.14	5.2		
61		57.46	4.0		
62		59.02	3.1		
63		53.19	4.6		
64	679	60.32	7.0		
65		52.53	5.5		
66		57.04	5.5		
67		51.00	2.6		
68		54.16	4.1		
69		53.17	2.9		
70		53.21	3.3		
7271		59.23	5.1		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 48.6g
16 01B -MTW 48.8g
16 01C -MTW 49.5g
16 01Z -MTW 21.5g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/26/16 | Recorder(s): PmCampbell

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Chimacum Creek Delta

Site ID: PSS13175-000008

Assess mussels in each bag **Today's Date:** 2-6-16 **Recorder:** Colleen

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
882	~~1~~ 3				13	16
876	1				15	16
886	2				14	16
883	3				13	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6305 **to** 6316

(numbers assigned by WDFW staff)

Recorder: SAL & FPA

Today's Date: 2/6/2016

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6305	882	62.91	~~N~~ Y		3.2	
06	882	57.90	Y		2.2	
07	882	56.21	Y		2.9	
08	886	53.95	Y		2.4	
09	886	59.86	Y		2.5	
10	886	55.73	Y		2.5	
11	876	57.65	Y		2.6	
12	876	54.68	Y		2.4	
13	876	53.46	Y	Inside of shell calcified bumps.	2.5	
14	883	60.05	Y		2.8	
15	883	59.15	Y		2.9	
16	883	59.03	Y		2.4	
				Date & Time In Oven: 2/6/16 1340	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Chimacum Cr. Delta

Site ID: PSS13175-000008 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2-25-16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 167112 **to** 167143

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1\g	Y/N/Unk	
7112	886	56.61	6.0		
7113	886	54.36	5.7		
7114	886	55.98	7.6		
7115	886	52.71	5.6		
7116	886	60.05	7.1		
7117	886	58.99	7.0		
7118	886	61.61	9.0		
7119	886	55.86	5.7		
7120	883	52.99	6.2		
7121	883	57.75	7.8		
7122	883	55.88	5.7		
7123	883	59.85	6.4		
7124	883	54.65	5.1		
7125	883	56.97	6.0		
7126	883	54.46	5.8		
7127	883	56.13	5.8		
7128	876	58.11	7.1		
7129	876	56.17	5.5		
7130	876	54.26	5.8		
7131	876	54.46	5.2		
7132	876	50.77	3.9		
7133	876	59.10	5.0		
7134	876	54.59	9.8		
7135	876	55.03	6.1		
7136	882	61.66	6.8		
7137	882	54.89	5.5		
7138	882	58.30	7.2		
7139	882	61.02	7.3		
7140	882	58.84	7.3		
7141	882	57.99	6.3		
7142	882	61.03	7.6		
7143	882	53.89	5.6		

SampleIDs (include incremental numbers and/or letters at end):

16 RSMP008 -MTW 01A -46.0
16 RSMP008 -MTW 01B -50.0
16 RSMP008 -MTW 01C -50.0
16 RSMP008 -MTW 01Z -47.0

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2-25-16 | Recorder(s): Colleen Suter

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG Fletcher Bay,

Site Name: Fox Cove - Bainbridge Island

Site ID: PSS13175-000010

Assess mussels in each bag **Today's Date:** 2/8/16 **Recorder:** L. Niewolny

Bag # 697	Empty 4	Rotten /	Gaping /	Cracked /	Alive 11	TOTAL 15
Bag # 689	Empty 3	Rotten /	Gaping /	Cracked /	Alive 13	TOTAL 16
Bag # 699	Empty ~~4~~ ~~3~~ 5	Rotten /	Gaping /	Cracked /	Alive ~~13~~ ~~12~~ 11	TOTAL 16
Bag # 694	Empty /	Rotten /	Gaping /	Cracked /	Alive 16	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: ~~6004~~ 5993 **to** ~~5993~~ 6004

(numbers assigned by WDFW staff)

Recorder: L. Niewolny / R. Fisk					Recorder: R. Fisk	
Today's Date: 2/8/16					Today's Date: 2/16/16	
Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5993	697	55.72	Y		2.5	
94	↓	52.82	↓		2.1	
95	↓	52.59	↓		2.6	
96	694	50.68	↓		2.2	
97	↓	53.30	↓		2.4	
98	↓	56.76	↓		2.3	
99	689	57.74	↓		2.5	
6000	↓	51.23	↓		2.2	
01	↓	54.79	↓		2.3	
02	699	54.31	↓		2.0	
03	↓	55.01	↓	smelled rotten, closed shell, appeared alive	2.6	
04	↓	58.94	↓		2.4	
				Date & Time In Oven: 2/8/16 ~~16~~ 1700	Date & Time Out of Oven: 2/16/16 1414	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Fletcher Bay, Fox Cove

Site ID: PSS13175-000010 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7464 **to** 7495

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7464	694	51.04	4.20		
7465	694	58.87	7.10		
7466	694	54.20	4.60		
7467	694	61.28	9.10		
7468	694	51.69	5.60		
7469	694	54.23	5.70		
7470	694	56.68	4.20		
7471	694	56.88	5.70		
7472	699	56.47	5.10		
7473	699	52.79	4.60		
7474	699	53.87	4.90		
7475	699	57.06	7.30		
7476	699	51.51	2.40		
7477	699	50.49	4.00		
7478	699	51.09	3.50		
7479	699	59.56	6.80		
7480	697	53.69	5.20		
7481	697	54.49	~~9.90~~ 4.7		
7482	697	54.27	4.10		
7483	697	52.60	4.20		
7484	697	55.16	5.80		
7485	697	50.28	4.10		
7486	697	58.45	7.70		
7487	697	50.87	3.80		
7488	689	55.76	3.90		
7489	689	54.57	5.80		
7490	689	54.56	3.90		
7491	689	54.86	5.90		
7492	689	50.99	4.10		
7493	689	53.97	5.60		
7494	689	56.55	5.10		
7495	689	59.71	5.40		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW - 49.8g
16 01B -MTW - 45.8g
16 01C -MTW - 47.0g
16 01Z -MTW - 16.0g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/29/16 Recorder(s): Jennifer Welch

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: South Bay Trail

Site ID: PSS13175-000011

Assess mussels in each bag **Today's Date:** 2/9/2016 **Recorder:** Tim Peterman

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
912	5	—	—	—	11	16
901	3	—	1	—	12	16
902	3	—	—	—	13	16
867	5	—	—	—	11	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
Roughly 250 mL of ice H_2O discovered in mussel ziploc (bag #'s 867 + 902) - RJF

CONDITION INDEX LOG - Fish ID# range: 6113 **to** 6124
(numbers assigned by WDFW staff)

Recorder: Jessica Demetro Stowe

Recorder: R. FISK

Today's Date: 2/9/16

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6113	867	51.92	Y		2.2	
6114	867	56.80	Y		2.4	
6115	867	55.68	Y		2.5	
6116	902	54.09	Y		2.3	
6117	902	56.93	Y		2.5	
6118	902	55.79	Y		2.1	
6119	901	52.68	Y		2.0	
6120	901	53.37	Y		2.2	
6121	901	56.60	Y		2.4	
6122	912	62.76	Y		2.6	
6123	912	52.49	Y		2.4	
6124	912	55.29	Y		2.2	
				Date & Time In Oven: 2/9/16 15:35	Date & Time Out of Oven: 2/16/16 1535	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: SOUTH Bay Trail

Site ID: PSS13175-000011 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3-2-16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8488 **to** 8519

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8488	902	56.79	7.8		
8489		54.54	5.5		
8490		56.90	6.8		
8491		57.01	7.3		
8492		57.84	7.9		
8493		58.05	8.3		
8494		58.93	8.3		
8495		58.34	9.2		
8496	901	56.69	6.3		
8497		51.66	4.2		
8498		57.65	8.0		
8499		54.81	7.1		
8500		56.53	6.7		
8501		58.37	9.5		
8502		50.70	4.3		
8503		56.72	6.6		
8504	912	53.88	5.2		
8505		57.71	5.5		
8506		53.58	4.9		
8507		57.56	7.5		
8508		61.97	8.3		
8509		60.77	9.4		
8510		54.67	5.9		
8511		51.90	3.8		
8512	867	60.53	9.1		
8513		52.86	2.8		
8514		57.88	6.7		
8515		60.15	7.9		
8516		58.62	5.8		
8517		54.28	3.9		
8518		60.47	10.1		
8519		50.24	4.5		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.4
16 01B -MTW 47.2
16 01C -MTW ~~47.7~~ 47.7
16 01Z -MTW 49.4

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3-2-16 Recorder(s): Colleen Sutter

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Ruston Way

Site ID: PSS13175-000013

Assess mussels in each bag **Today's Date:** 2/10/2016 **Recorder:** JAL

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
643	6	—	—	—	10	16
652	1	—	—	—	15	16
671	8	—	—	—	7	15
662	7	—	—	—	9	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6245 **to** 6253

(numbers assigned by WDFW staff)

Recorder: T. Determan / Erin Medlock

Recorder: RJFISK

Today's Date: 2/10/16

Today's Date: 2/17/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6245	662	56.60	Y		2.1	
6246	652	50.45	↑		2.4	
6247	652	59.56			2.5	
6248	652	55.81			2.4	
6249	652	53.19			2.4	
6250	652	56.01			2.9	
6251	652	53.43			2.0	
6252	643	57.52	✓		2.2	
6253	643	55.96	Y		2.4	
				Date & Time In Oven: 10 PM ~~2/16~~/2016 1500	Date & Time Out of Oven: 2/17/16 0834 *	

Comments:

Not enough alive for CI in bags 671 or 662

* Ovens turned off @ 0750 on 2/16/16

↑ Incorrect date - corrected Date in oven

Created: LAN 12/2012

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Ruston Way

Site ID: PSS13175-000013 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/2/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 8168 **to** 16 8199

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
8168	652	56.51	5.3		
8169		53.08	6.7		
8170		57.29	7.3		
8171		55.50	6.2		
8172		53.62	5.9		
8173		53.12	5.0		
8174		54.56	7.6		
8175		54.04	6.4		
8176		56.46	8.2		
8177	671	56.62	7.0		
8178		52.18	5.0		
8179		49.61	3.9		
8180		56.53	6.7		
8181		58.25	5.2		
8182		54.66	6.2		
8183		56.27	5.8		
8184	643	59.45	6.5		
8185		60.08	6.9		
8186		55.53	5.0		
8187		55.61	6.1		
8188		54.11	4.2		
8189		59.27	7.3		
8190		51.92	3.6		
8191		54.36	6.6		
8192	662	55.04	6.7		
8193		52.11	4.5		
8194		53.11	6.4		
8195		55.00	4.9		
8196		60.01	6.8		
8197		56.86	5.1		
8198		54.21	5.2		
8199		56.38	6.9		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 45.2
16 01B -MTW 45.3
16 01C -MTW 45.7
16 01Z -MTW 39.9

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/2/16 | Recorder(s): RJ Fisk / T. Scalici

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Point Heron East

Site ID: RSI3F5-000014

Assess mussels in each bag **Today's Date:** 2/6/16 **Recorder:** Biondo

Bag # 630	Empty 3	Rotten	Gaping 1	Cracked	Alive 12	TOTAL 16
Bag # 621	Empty 4	Rotten	Gaping	Cracked	Alive 12	TOTAL 16
Bag # 613	Empty 4	Rotten	Gaping	Cracked	Alive 12	TOTAL 16
Bag # 625	Empty 5	Rotten	Gaping	Cracked	Alive 11	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5837 **to** 5848

(numbers assigned by WDFW staff)

Recorder: Angela Kaurin / Shelley Kaurin

Recorder: Erin Medlock

Today's Date: 2/6/16

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5837	613	53.04	Y		2.2	
5838	613	54.79	Y		2.2	
5839	613	57.42	N		2.5	
5840	621	56.82	Y		2.4	
5841	621	51.32	Y	minor pitting on shell, black spots on tissue	2.2	
5842	621	55.86	Y	minor pitting on shell, black spots on tissue, amphipod	3.1	
5843	625	59.17	Y	amphipod	2.5	
5844	625	53.78	Y		2.6	
5845	625	57.61	Y	pitted shell, black spots on tissue	2.5	
5846	630	53.30	Y		2.5	
5847	630	59.86	Y		2.5	
5848	630	56.72	Y		2.5	
				Date & Time In Oven: 2/6/16 1445 LN	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Point Heron East

Site ID: PSS13175-000014 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 7976 **to** 16 8007

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7976	613	59.48	8.2		
7977		52.42	5.9		
7978		53.42	7.9		
7979		59.78	9.8		
7980		52.95	7.3		
7981		53.02	5.9		
7982		52.04	4.8		
7983		53.43	6.2		
7984	621	56.83	6.1		
7985		55.23	5.3		
7986		57.04	6.2		
7987		59.18	7.1		
7988		53.04	5.3		
7989		53.28	6.0		
7990		59.07	5.7		
7991		53.28	5.4	5.2	9 weights for 8 mussels bag # 621
7992	625	54.45	5.7		
7993		52.34	10.8		
7994		56.39	4.9		
7995		56.86	5.6		
7996		55.39	6.2		
7997		52.55	4.7		
7998		53.64	4.8		
7999		55.16	3.7		
8000	630	53.23	4.4		
8001		51.39	4.5		
8002		53.58	4.8		
8003		58.33	6.8		
8004		54.06	4.6		
8005		54.77	3.6		
8006		53.04	4.5		
8007		~~49~~54.10	5.6		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW- 45.5 (9)
16 01B -MTW- 45.0 "
16 01C -MTW- 48.1 "
16 01Z -MTW- 30.3 "

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 | Recorder(s): RJ Fisk

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Tugboat ~~Park~~ Park (FJF)

Site ID: PSS13175-000015

Assess mussels in each bag **Today's Date:** 2-6-16 **Recorder:** FPA

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
941	5				11	16
980	1		1		14	16
942	4				12	16
979	1				15	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6365 **to** 6376

(numbers assigned by WDFW staff)

Recorder: Colleen Suter

Today's Date: 2-6-16

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6365	941	57.74	Y		2.8	
6366	941	53.84	Y		2.3	
6367	941	57.63	Y		3.2	
6368	980	54.80	Y	fleshy lumps on shell	2.8	
6369	980	53.21	Y		2.5	
6370	980	55.72	Y		2.6	
6371	942	56.99	Y		2.6	
6372	942	58.96	Y		2.4	
6373	942	54.57	Y		2.6	
6374	979	55.19	Y		2.6	
6375	979	57.24	Y		3.1	
6376	979	52.16	Y		2.5	
				Date & Time In Oven: LN 2/6/16 1700	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Tugboat Park

Site ID: PSS13175-000015 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/18/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 168776 **to** 168807

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8776	979	51.95	4.5		
8777		54.15	4.5		
8778		56.86	6.3		
8779		54.19	4.9		
8780		51.35	5.4		
8781		56.94	6.1		
8782		58.29	8.1		
8783		55.96	5.5		
8784	942	55.53	5.2		
8785		56.07	5.8		
8786		55.58	4.6		
8787		55.87	6.6		
8788		53.33	4.0		
8789		55.05	5.5		
8790		54.14	5.4		
8791		53.23	5.1		
8792	941	53.54	5.2		
8793		53.88	10.3-5.2=5.1		
8794		58.01	6.3		
8795		62.21	7.6		
8796		53.62	4.4		
8797		54.41	4.5		
8798		53.33	4.7		
8799		51.34	3.5		
8800	980	55.63	4.6		
8801		53.88	5.0		
8802		56.20	4.9		
8803		58.15	4.3		
8804		59.01	10.7-4.3=6.4		
8805		57.05	6.0		
8806		56.37	6.5		
8807		57.19	6.7		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 45.2
16 01B -MTW 46.1
16 01C -MTW 45.7
16 01Z -MTW 25.4

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/18/16 Recorder(s): Mariko Langness

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Meadowdale Beach

Site ID: PSS13175 - 000016

Assess mussels in each bag **Today's Date:** 2/6/16 **Recorder:** Biondo

Bag # 506	Empty 4	Rotten	Gaping	Cracked	Alive 12	TOTAL 16
Bag # 566	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16
Bag # 571	Empty 4	Rotten	Gaping	Cracked 1	Alive 11	TOTAL 16
Bag # 576	Empty ~~7~~ 8	Rotten	Gaping	Cracked	Alive 8 7	TOTAL 15

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5849 **to** 5860

(numbers assigned by WDFW staff)

Recorder: Mariko L. + Patrick B.

Today's Date: 2/6/2016

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5849	506	54.15	Yes		2.6	
5850	506	62.28	Yes		2.7	
5851	506	59.78	NO	Sad, disappointing :(	2.5	
5852	571	56.30	Yes		2.5	
5853	571	53.48	Yes		2.3	
5854	571	49.77	NO		1.7g	
5855	566	55.47	yes		2.5	
5856	566	54.98	yes		2.4	
5857	566	53.45	yes		2.6	
5858	576	56.52	yes		2.5	
~~5859~~	506	59.56	yes		3.0	
5860	576	55.55	yes		2.4	
				Date & Time In Oven: 1600 2/6/16 LN	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Meadowdale Beach

Site ID: PSS13175-000016 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/2016

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7720 **to** 7751

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7720	571	53.02	6.6		
21		57.97	7.7		
22		55.12	7.3		
23		58.69	7.9		
24		58.32	6.8		
25		51.61	5.3		
26		56.28	7.5		
27		57.21	8.0		
28	576	57.99	7.4		
29		56.83	6.5		
7730		53.06	6.3		
31		51.50	3.7		
32		58.19	6.1		
33	5060	60.38	7.6		
34		62.43	9.1		
35		58.82	8.4		
36		58.95	8.5		
37		58.03	7.1		
38		55.26	5.7		
39		55.24	5.9		
7740		58.76	6.8		
41	566	59.64	5.9		
42		52.32	3.9		
43		56.38	7.4		
44		53.81	6.4		
45		54.74	5.2		
46		57.27	8.1		
47		54.14	6.3		
48		53.11	6.0		
49		55.81	6.2		
7750		51.66	4.2		
~~7751~~					only 31 in bag

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW - ~~37.4~~g 46.0g

16 01B -MTW - ~~36.0~~g 49.4g

16 01C -MTW - ~~38.1~~g 48.8g

16 01Z -MTW - 37.4g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: Recorder(s): Amanda Phillips

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Budd Inlet, West Bay

Site ID: PSS13175-000017

Assess mussels in each bag **Today's Date:** 2/9/2016 **Recorder:** Langness, M / Biondo

Bag # 670	Empty 6	Rotten —	Gaping —	Cracked —	Alive 10	TOTAL 16
Bag # 663	Empty 6	Rotten 1	Gaping	Cracked	Alive ~~09~~ 2/25/16	TOTAL 16
Bag # 660	Empty 6	Rotten	Gaping	Cracked	Alive 10	TOTAL 16
Bag # 672	Empty 5	Rotten	Gaping	Cracked	Alive 11	TOTAL 16

pc 2/25/16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6041 **to** 6052

(numbers assigned by WDFW staff)

Recorder: Mariko Langness

Today's Date: 2/~~8~~9/2016

Recorder: R. FISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6041	672	55.86	Y		2.6	
42		53.34	Y		2.4	
43		60.97	Y		2.7	
44	660	51.52	Y		2.3	
45	660	52.20	Y		2.3	
47	663	51.24	Y		2.2	
48	663	53.57	Y		2.6	
50	670	59.52	Y		2.1	
51	670	55.39	Y		2.4	
52	670	55.70	Y		2.2	
				Date & Time In Oven: 2/~~8~~9/16 13:30	Date & Time Out of Oven: 2/16/16 1441	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Budd Inlet, West bay

Site ID: PSS13175-000017 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2-25-16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 6953 **to** 6983

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

	Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
6953	~~6981~~	660	56.77	9.3		
54	52		54.31	6.5		
55	53		56.07	9.6		
56	54		54.21	6.7		
57	55		54.30	7.2		
58	56		61.16	9.6		
59	57		55.27	8.1		
6960	58		59.74	9.8		
61	59	672	53.75	5.1		
62	100		55.36	6.5		
63	101		54.80	8.1		
64	102		53.47	7.3		
65	103		58.32	8.3		
66	104		59.45	9.2		
67	105		55.53	6.9		
68	106		54.28	6.1		
69	107	663	57.64	6.4		
6970	108		55.05	6.6		
71	109		56.33	7.5		
72	70		~~55.66~~			Decayed / Dead
73	71		52.74	5.1		
74	72		61.30	8.6		
75	73		52.11	4.4		
76	74		52.05	6.2		
77	75	670	57.08	6.6		
78	76		58.52	6.7		
79	77		57.54	8.1		
80	78		58.04	7.9		
81	79		52.42	3.9		
82	80		54.76	4.4		
69 ~~83~~	6981		60.45	7.8		
only 30 from site	~~6982~~		—			Does not exist, not enough mussels

SampleIDs (include incremental numbers and/or letters at end):

16 RSMP017 -MTW01A 47.5g
16 RSMP017 -MTW01B 49.7
16 RSMP017 -MTW01C 49.6
16 RSMP017 -MTW01Z 49.2

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/25/16 Recorder(s): Angela Welch

Comments: No Extra Mussels for DOH

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: SEAhurst (Burien)

Site ID: PSS13175-00018

Assess mussels in each bag **Today's Date:** 2/10/2016 **Recorder:** Tim Determan

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
618	5	—	—	—	11	16
605	7	—	—	—	9	16
604	5	—	—	—	11	16
608	4	—	—	—	12	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6425 **to** 6436

(numbers assigned by WDFW staff)

Recorder: Hannah Ferguson

Recorder: Jennifer Welch

Today's Date: 2/10/16

Today's Date: 2/22/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6425	608	53.72	Y		2.3	
26	↓	52.65	Y		2.3	
27	↓	55.17	Y		2.5	
28	604	53.48	Y		2.5	
29	↓	54.23	Y		2.5	
30	↓	54.32	Y		2.4	
6431	605	53.87	Y		2.3	
32	618	53.21	Y		2.5	
33	↓	55.97	Y		2.6	
34	↓	60.53	Y		3.0	
~~35~~	NA	—				
36	NA	—				
				Date & Time In Oven: 2/10/16 15:23	Date & Time Out of Oven: 2/22/16 8:20	

Comments: * ovens turned off @ 0750 on 2/~~22~~/16 16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Seahurst - (Burien)

Site ID: PSS 13175-00018 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3-2-16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8328 **to** 8359

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8328	604	55.13	6.8		
8329		55.97	7.1		
8330		56.21	8.0		
8331		53.15	6.3		
8332		58.11	6.0		
8333		54.05	6.6		
8334		52.11	6.0		
8335		51.70	4.1		
8336	605	61.62	7.6		
8337		56.64	6.6		
8338		53.95	6.1		
8339		58.88	8.6		
8340		55.59	7.2		
8341		57.38	8.3		
8342		54.38	5.3		
8343		54.30	4.7		
8344	608	57.51	6.0		
8345		55.21	4.6		
8346		52.90	5.3		
8347		51.38	6.5		
8348		55.11	5.3		
8349		58.86	8.8		
8350		57.92	7.4		
8351		56.15	6.4		
8352	618	55.78	6.4		
8353		56.11	7.4		
8354		57.78	5.2		
8355		51.80	6.1		
8356		58.75	6.4		
8357		54.99	5.7		
8358		52.23	4.1		
8359		58.92	7.2		

SampleIDs (include incremental numbers and/or letters at end):
16_01A_-MTW 46.0
16_01B_-MTW 46.9
16_01C_-MTW 48.3
16_01Z_-MTW 42.0

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3-2-16 | Recorder(s): Mariko Langness / Colleen Suter

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Skiff point

Site ID: PSS 13175-000019

Assess mussels in each bag **Today's Date:** 02/08/16 **Recorder:** JAL

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
600	~~4~~ 5	—	—	—	11	16
~~608~~ 588	2	—	—	—	14	16
~~608~~ 586	2	—	1	—	13	16
584	—	—	—	—	16	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5897 **to** 5908

(numbers assigned by WDFW staff)

Recorder: JAL

Recorder: RJF

Today's Date: 2/8/2016

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5897	600	60.38	Y		2.5	
98	600	56.20	Y		2.5	
99	600	59.57	Y		2.5	
5900	586	50.99			2.3	
01	586	55.90			2.4	
02	586	55.32			2.9	
03	588	56.13			2.5	
04	588	59.11			3.1	
05	588	55.23			2.6	
06	584	54.34			2.7	
07	584	55.88			2.1	
08	584	51.20	N		1.7	
				Date & Time In Oven: 2/8/16 1400 LN	Date & Time Out of Oven: 2/16/16 0937	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Skiffpoint

Site ID: PSS13175-60019 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3-2-16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8424 **to** 8455

Empty jar weight: ——— Full jar weight: ——— Total tissue weight: ——— (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8424	584	58.19	8.7		
8425		52.86	5.0		
8426		56.03	6.1		
8427		53.98	6.0		
8428		51.05	5.6		
8429		54.53	5.9		
8430		55.83	6.9		
8431		61.20	8.9		
8432	586	59.49	9.3		
8433		57.95	8.4		
8434		52.89	6.1		
8435		52.05	5.4		
8436		60.25	7.3		
8437		55.73	8.3		
8438		~~60.00~~	8.7		60.40 replacement - original empty
8439		56.23	6.1		
8440	588	54.83	5.6		
8441		52.06	5.3		
8442		53.28	5.1		
8443		51.44	5.9		
8444		54.33	5.9		
8445		58.96	8.1		
8446		53.57	7.4		
8447		58.45	6.3		
8448	1000	51.39	5.1		
8449		60.61	9.4		
8450		53.80	6.5		
8451		58.26	7.7		
8452		59.52	8.2		
8453		58.26	7.5		
8454		51.20	5.0		
8455		51.65	3.1		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 48.1
16 01B -MTW 48.6
16 01C -MTW 48.6
16 01Z -MTW 49.4

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3-2-16 Recorder(s): Colleen Sliter

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Point Defiance Ferry

Site ID: ~~#81~~ PSS13175-000021

Assess mussels in each bag **Today's Date:** 2/10/16 **Recorder:** Cecilia Walters

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
648	3				12	15
646	4				11	15
669	5				10	15
650	2				13	15

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
#648 - 1 missing
#646 - 1 missing
#669 - 1 missing - only 2 for conditioning

CONDITION INDEX LOG - Fish ID# range: ~~6278~~ 6269 **to** ~~6277~~ 6280
(numbers assigned by WDFW staff)

Recorder: Mariko Langness

Today's Date: 2/10/16

Recorder: RJFISK

Today's Date: 2/17/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6269	650	57.30	Y		2.5	
6270	1	53.80	Y		2.3	
6271		55.07	Y		2.7	
6272	669	51.68	Y		2.1	
6273	669	57.18	Y		2.5	
6274	646	53.71	Y		2.5	
6275	646	53.95	Y		2.1	
6276	646	53.53	Y		2.3	
6277	648	51.19	Y		2.0	
6278	648	56.84	Y		2.7	
6279	648	53.49	Y		2.1	
				Date & Time In Oven: 2/10/16 15:00	Date & Time Out of Oven: 2/17/16 0959*	

Comments:

* Ovens turned off @ 0750 on 2/16/16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Point Defiance Ferry

Site ID: PSS 131715-222021 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7944 **to** 7975

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7944	646	57.10	5.2		
7945		57.91	5.6		
7946		54.33	4.2		
7947		58.30	6.2		
7948		53.05	4.0		
7949		50.55	4.1		
7950		51.98	3.4		
7951		60.57	6.6		
7952	648	54.47	4.1		
7953		57.42	5.9		
7954		58.05	4.4		
7955		58.94	6.5		
7956		57.54	4.4		
7957		53.60	3.7		
7958		55.73	4.8		
7959		51.79	4.3		
7960	650	56.08	3.8		
7961		54.58	5.6		
7962		53.65	5.0		
7963		53.35	~~50~~ 5.0		
7964		53.74	4.4		
7965		55.60	5.2		
7966		55.12	4.7		
7967		60.27	6.8		
7968	669	51.87	3.4		
7969		58.82	5.0		
7970		57.83	4.0		
7971		51.68	4.1		
7972		56.81	4.8		
7973		58.53	4.9		
7974		54.53	5.4		
7975		58.18	5.7		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 46.4
16 01B -MTW 45.4
16 01C -MTW 45.4
16 01Z -MTW - Empty not enough tissue for composite

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: ~~3/16~~ 3/1/16 Recorder(s): Will Dezan / Mariko Langness

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: BEACH DRIVE E

Site ID: PSS 13175 - ~~0A~~ 080022

Assess mussels in each bag **Today's Date:** 2-11-16 **Recorder:** T. Scalici

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
923	7				9	16
920	6 ~~5~~				10 ~~12~~	16
921	2				14	16
931	1				15	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6485 **to** 6496

(numbers assigned by WDFW staff)

Recorder: JAL

Today's Date: 2/11/2016

Recorder: Jennifer Welch

Today's Date: 2/22/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6485	931	58.45	Y		2.3	
86	931	52.04			1.9	
87	931	59.79			2.4	
88	920	55.36			2.2	
89	920	52.39			2.4	
90	921	53.36		~~[illegible]~~ Bag + out of order but OK	2.4	
91	923	60.81			2.6	
92	921	53.21		~~[illegible]~~	2.6	
93	921	53.36		~~[illegible]~~	2.3	
94	921	~~0~~56.09			2.2	
95	921	56.12			2.4	
96	921	53.98			2.1	
				Date & Time In Oven: 2/11/2016 2:45pm	Date & Time Out of Oven: 2/22/16 8:56	

Comments: * ovens turned off @ 0750 on 2/~~22~~ 16/16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Beach Drive E

Site ID: PSS13175-000022 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/24/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 6825 **to** 166856

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
6825	921	53.19	~~8.9~~ 6.6		
26		56.99	7.0		wet weight = 7.0
27		57.16	6.8		
28		56.29	7.5		
29		55.69	6.5		
30		56.36	6.2		
31		58.57	7.5		
32		57.98	8.9		
6833	931	54.66	5.3		
34		53.08	6.1		
35		58.62	8.5		
36		55.45	6.2		
37		53.73	6.0		
38		58.54	5.4		
39		55.25	~~3.5~~		missed reading of weight -RJF
40		52.38	3.5		
6841	920	57.45	6.8		
42		53.14	5.3		
43		52.59	4.8		
44		52.98	6.1		
45		54.56	7.8		
46		58.58	6.8		
47		52.43	4.9		
48		51.51	5.8		
49	923	54.41	5.9		
50		50.85	4.1		
51		51.98	6.5		
* 6852	931	~~58.90~~	9.3		Empty shell, used xtra mussel length on new mussel: 58.22
53		56.03	6.0		
54		59.31	6.8		
55		53.91	5.4		
56		50.77	6.1		

from Bag # 931

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW ~~42.6~~ 50.5
16 01B -MTW ~~50.5~~ 49.5
16 01C -MTW 49.4
16 01E -MTW 42.6

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/24/16 Recorder(s): RJFISK

Comments:
* Only 7 mussels from bag # 923 in composite - RJF

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Wina Point

Site ID: PSS13175-000023

Assess mussels in each bag **Today's Date:** 02/08/16 **Recorder:** SP

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
597	1	—	—	—	15 12	16
591	3	—	—	—	~~15~~	~~15~~ 15
598	~~4~~ 5	—	—	—	11	15
596	3	—	—	—	13	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5921 **to** 5932

(numbers assigned by WDFW staff)

Recorder: L. Niewohr / T. Determan					Recorder: R. Fisk	
Today's Date: 2/8/16					Today's Date: 2/16/16	
Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5921	596	55.96	yes		2.2	
22	596	57.95			2.2	
23	596	51.86			2.1	
24	598	54.02			2.6	
25	598	56.46			2.6	
26	598	53.14			2.3	
27	591	53.29			2.1	
28	591	56.08	N		1.7	
29	591	56.19	yes		3.0	
30	597	~~[illegible]~~	54.20		2.1	
31	597	53.05			2.4	
32	597	58.88			2.9	
				Date & Time In Oven: 2/8/16 1515 LN	Date & Time Out of Oven: 2/16/16 1011	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Wing Point

Site ID: PSS13175 000023 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/18/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 168840 **to** 168871

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
8840	597	57.97	7.0		
8841		54.07	5.8		
8842		52.31	2.7		
* 8843		~~*51.87~~	5.6		*56.84 New mussel length original mussel shell empty
8844		49.66	5.3		
8845		56.46	6.5		
8846		58.40	5.4		
8847		58.95	5.3		
8848	591	52.29	4.0		
8849		56.63	6.0		
8850		55.55	5.0		
8851		57.02	5.2		
8852		58.92	6.9		
8853		53.03	4.7		
8854		51.50	3.6		
8855		55.99	5.0		
8856	598	52.19	5.8		
8857		58.35	7.1		
8858		55.72	5.4		
8859		58.15	5.4		
8860		59.90	5.9		
8861		54.90	4.7		
8862		51.99	5.0		
8863		56.82	5.4		
8864	596	58.02	7.4		
8865		57.33	4.5		
8866		63.61	6.5		63.61
8867		54.06	4.2		
8868		52.57	3.6		
8869		55.08	4.2		
8870		55.28	6.8		
8871		55.37	4.3		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 47.9 g
16 01B -MTW 48.2 g
16 01C -MTW 48.1 g
16 01Z -MTW 11.5 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/18/16 Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: S. of Skunk Island

Site ID: PSS13175-0000 24

Assess mussels in each bag **Today's Date:** 2/6/16 **Recorder:** L. Niewolny

	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
Bag # 875	1	1	Ø	Ø	14	16
Bag # 890	2	Ø	Ø	Ø	13	15
Bag # 894	2	Ø	Ø	Ø	14	16
Bag # 892	4	Ø	Ø	Ø	11	15

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

* → 3 morts * at deploy... See data form from field

CONDITION INDEX LOG - Fish ID# range: 16 5813 **to** 5824

(numbers assigned by WDFW staff)

Recorder: L. Niewolny

Today's Date: 2/6/16

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5813 ~~890~~	890	55.52	Y		2.2 g	
5814	↓	57.13	↓		2.4 g	
15	↓	57.02	↓		2.5 g	
16	875	53.77	n		2.1 g	
17	↓	57.12	Y		2.4 g	
18	↓	60.80	↓		3.4 g	
19	894	52.34	↓		2.4 g	
20	↓	55.51	↓		2.3 g	
21	↓	51.56	↓		2.3 g	
22	892	54.66	↓		2.5 g	
23	↓	55.55	↓		2.4 g	
5824	↓	51.26	↓		2.1 g	
2				Date & Time In Oven: 2/6/16 1340 LN	Date & Time Out of Oven: 2/8/16 LN 1700	

Comments:

Created: LAN 12/2012

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Skunk Island South of

Site ID: PSS13175-000024 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3-2-16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 168200 **to** 168231

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8200	894	54.59	6.2		
8201		57.34	6.6		
8202		56.73	7.2		
8203		54.00	5.1		
8204		51.51	4.7		
8205		50.55	4.4		
8206		61.83	6.9		
8207		56.82	6.8		
8208	890	52.58	5.1		
8209		56.44	6.4		
8210		60.39	7.7		
8211		52.98	4.2		
8212		60.30	7.6		Eggs?
8213		58.89	6.9		
8214		53.00	5.8		
8215		58.30	8.8		
8216	875	55.98	5.5		
8217		53.08	4.3		
8218		57.52	5.0		
8219		54.74	5.4		
8220		56.82	5.7		
8221		56.54	6.9		
8222		54.26	5.9		
8223		53.90	5.5		
8224	892	56.15	5.7		
8225		56.30	6.6		
8226		56.90	6.2		
8227		59.42	7.1		
8228		57.31	7.0		
8229		54.65	4.2		
8230		54.57	6.3		
8231		58.79	10.1		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 48.9 (g)
16 01B -MTW 48.5 (g)
16 01C -MTW 47.7 (g)
16 01Z -MTW 41.3 (g)

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/2/16 Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Blair Waterway

Site ID: PSS13175-000025

Assess mussels in each bag **Today's Date:** 2/10/2016 **Recorder:** Tim Determan

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
978	4	—	—	—	12	16
956	3	—	—	—	13	16
944	3	—	—	—	12	15
953	6	—	—	—	10	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6401 **to** 6411

(numbers assigned by WDFW staff)

Recorder: Erin Medlock

Recorder: Jennifer Welch

Today's Date: 2/10/16

Today's Date: 2/22/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6401	953	51.15	Y		2.1	
6402	953	55.39	Y		2.4	
6403	944	55.47	Y		2.1	
6404	944	55.51	Y		2.6	
6405	944	50.52	Y		2.1	
6406	956	59.17	Y		2.8	
6407	956	57.60	N		1.9	
6408	956	51.55	Y		2.2	
6409	978	55.41	Y		2.2	
6410	978	58.90	Y		2.7	
6411	978	58.70	Y		2.8	
~~6412~~	~~978~~					
				Date & Time In Oven: 2/10/16 3:32pm	Date & Time Out of Oven: 2/22/16 8:41	

Comments: * ovens turned off @ 0750 on 2/~~22~~/16 16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Blair Waterway

Site ID: PSS13175-025 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/25/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 6889 **to** 69 ~~18~~ 20

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

	Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	~~Enlarged Gonads~~ Y/N/Unk	Other Observations
6889	~~68~~ 87	953	56.73	~~7.6~~ 7.5		
6890	~~88~~	↓	56.63	7.6		
91	~~89~~	↓	53.38	6.9		
92	~~90~~	↓	55.63	7.7		
93	~~91~~	↓	57.69	7.8		
94	~~92~~	↓	58.62	6.4		
95	93	↓	55.87	6.9		
96	~~68~~ 94	↓	59.77	8.5		
97	95	944	55.54	6.6		
98	96	↓	51.67	4.6		
99	97	↓	54.18	7.2		
6900	98	↓	54.78	6.7		
01	99	↓	54.25	5.5		
02	6900	↓	52.03	10.8		
03	01	↓	56.36	~~6.6~~ 6.5		
04	02	↓	61.02	7.3		
05	6903	978	~~978~~ 55.74	6.9		
06	04	↓	53.16	6.0		
07	05	↓	56.81	7.8		
08	06	↓	56.32	6.8		
09	07	↓	55.53	6.2		
6910	08	↓	55.75	8.1		
11	09	↓	51.69	5.1		
12	10	↓	59.53	8.9		
13	6911	956	58.91	9.3		
14	~~12~~	↓	56.70	7.7		
15	~~13~~	↓	60.35	9.0		
16	~~14~~	↓	59.04	6.4		
17	~~15~~	↓	58.80	5.5		
18	~~16~~	↓	55.75	5.8		
19	~~17~~	↓	54.09	5.7		
6920	~~6918~~	↓	55.16	6.1		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 35.68
16 01B -MTW ~~48.32~~ 48.4
16 01C -MTW 46.0
16 ~~01D~~ 01Z -MTW 48.4

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/25/16 Recorder(s): HF + RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: N of Illahee State Park

Site ID: PSS13175-000026

Assess mussels in each bag **Today's Date:** 2/8/2016 **Recorder:** Cecilia Walters

Bag # 664	Empty 7	Rotten	Gaping	Cracked	Alive 9	TOTAL 16	8	1
Bag # 654	Empty 8	Rotten	Gaping	Cracked	Alive 8	TOTAL 16	8	
Bag # 658	Empty 5	Rotten	Gaping	Cracked	Alive 11	TOTAL 16	8	3
Bag # 665	Empty 5	Rotten	Gaping	Cracked	Alive 11	TOTAL 16	8	3

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
#654 non for Conditioning (high mortality rate)

CONDITION INDEX LOG - Fish ID# range: 5969 **to** ~~5980~~ 5975 (tossed remaining numbers 5976 - 5980)
(numbers assigned by WDFW staff)

Recorder: Mariko Langness					Recorder: R. FISK	
Today's Date: 2/8/16					Today's Date: 2/16/16	
Fish ID#	Bag #	Shell Length	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	Y/N/Unk		0.1 g	0.1 g
5969	664	65.81	Y		3.2	
5970	658	57.51	Y		2.8	
5971	658	62.48	Y		3.1	
~~5980~~ 5972 mk	658	56.25	Y		2.3	
5973	665	55.35	Y		2.4	
5974	665	54.64	Y		2.3	
5975	665	54.06	Y		2.4	
				Date & Time In Oven: 2/8/16 1700	Date & Time Out of Oven: 2/16/16 1405	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: N of Illahee State Park

Site ID: 026 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7784 **to** 7815

~~Empty jar weight:~~ _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7784	654	59.63	9.6		
85		55.93	6.3		
86		57.27	8.8		
87		60.06	7.8		
88		54.48	6.8		
89		56.32	8.0		
90		58.45	7.6		
91		56.41	5.5		
7792	664	51.33	6.1		
93		52.35	4.6		
94		61.15	6.6		
95		57.73	8.7		
96		52.31	4.4		
97		55.82	5.3		
98		52.77	5.5		
99		58.85	8.0		
7800	665	52.76	6.2		
01		58.71	8.1		
02		58.90	7.2		
03		53.81	14.0		
04		59.94	8.0		
05		58.55	8.4		
06		60.51	7.7		
07		56.31	6.1		
7808	658	55.59	5.5		
09		54.41	5.8		
10		52.12	6.4		
11		55.52	7.2		
12		58.11	6.7		
13		55.79	5.4		
14		53.85	5.8		
7815		51.72	4.7		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 50.4 (9)
16 01B -MTW 45.4 "
16 01C -MTW 47.2 "
16 01Z -MTW 46.0 "

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/29/16 | Recorder(s): PM Campbell / RJ FISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Chuckanut Clarks Pt

Site ID: PSS13175-000027

Assess mussels in each bag **Today's Date:** 2/9/2016 **Recorder:** Tim Determan

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
909	5	—	—	—	10	15
913	4	—	—	—	12	16
910	5	—	—	—	11	16
911	6	—	—	—	10	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6149 **to** 6158

(numbers assigned by WDFW staff)

Recorder: Tracey Scalici

Today's Date: 2/9/16

Recorder: RJFISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6149	910	52.71	Y		2.3	
6150	910	54.76	Y		2.7	
6151	910	57.91	Y		2.6	
6152	913	50.92	Y		2.4	
6153	913	55.64	Y		2.2	
6154	913	56.31	Y	Calcification (dots) on inner shell	2.3	
6155	909	52.50	Y		2.1	
6156	909	51.71	Y		2.3	
6157	911	54.62	Y		2.7	
6158	911	56.23	Y		2.0	
				Date & Time In Oven: 2/9/16 16:20	Date & Time Out of Oven: 2/16/16 1546	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Chuckanut Clarks Pt

Site ID: PSS13175 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 7144 **to** 7175

~~Empty jar weight:~~ _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7144	909	58.21	7.2		
45		58.10	6.4		
46		55.44	5.5		
47		54.72	5.1		
48		53.55	6.2		
49		61.63	10.0		
50		61.58	7.5		
51		51.93	4.9		
52	910	59.45	7.5		
53		53.58	5.5		
54		52.17	4.0		whole in mussel shell - small hard bumps ~~inside~~ inside
55		52.44	4.9		
56		55.81	6.3		
57		55.03	5.9		
58		58.38	6.6		
59		53.78	4.5		
60	911	59.30	5.2		
61		51.77	5.7		
62		54.29	2.5		
63		57.72	7.2		
64		60.05	5.9		
65		56.55	6.4 ~~8~~ RJF		
66		52.72	6.7		
67		52.35	4.2		
68	913	57.22	4.9		
69		53.76	4.2		
70		58.70	6.2		
71		57.10	5.4		
72		52.52	3.9		
73		53.09	5.0		
74		52.43	4.7		
7175		52.08	4.4		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 48.0
16 01B -MTW 50.2
16 01C -MTW 42.8
16 01Z -MTW 25.1

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: ~~2/16/~~ 2/26/16 Recorder(s): RJFISK / Stephanie Lewis

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: ~~Crescent Harbor~~ Oak Harbor

Site ID: PSS13175-000028

Assess mussels in each bag **Today's Date:** 2/6/2016 **Recorder:** JAL

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
835	3	—	—	—	13	16
846	1	1	—	—	14	16
854	1	—	—	—	14	16
838	1	1			14	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 16·5861 **to** 5872

(numbers assigned by WDFW staff)

Recorder: Rob Fisk / C. Nikolay

Recorder: Erin Medlock

Today's Date: 2/6/16

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
16·5861	854	51.98	yes		2.1	
62	↓	58.43	↓		2.6	
63	↓	56.45	↓		2.6	
64	846	57.08	↓		2.4	
65	↓	54.47	↓		2.5	
66	↓	64.13	↓		3.2	
67	838	59.33	↓		2.4	
68	↓	58.15	↓		2.6	
69	↓	60.29	↓		3.0	
70	835	58.01	↓		2.7	
71	↓	52.79	No		1.7	
72	↓	55.69	yes		2.4	
				Date & Time In Oven: 1600 2/6/16 LN	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Oak Harbor

Site ID: PSS13175-000048 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 167880 **to** 167911

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
7880	846	61.61	11.6		
7881		61.94	11.5		
7882		64.92	12.7		
7883		61.33	11.1		
7884		53.33	8.2		
7885		52.54	6.9		
7886		59.13	8.6		
7887		57.13	8.0		
7888	854	53.74	6.3		
7889		61.35	12.1		
7890		58.07	9.9		
7891		56.37	9.6		
7892		61.60	12.4		
7893		51.91	5.0		
7894		61.79	10.0		
7895		63.40	11.0		
7896	838	56.03	7.8		
7897		60.17	10.2		
7898		62.64	10.7		
7899		59.10	8.7		
7900		57.03	10.3		
7901		54.74	6.8		
7902		58.14	9.8		
7903		56.07	7.4		
7904	835	~~83~~ 57.17	7.3		
7905		51.26	6.1		
7906		59.08	7.5		
7907		58.66	8.5		
7908		57.13	7.9		
7909		62.23	9.8		
7910		56.32	7.0		
7911		52.16	6.2		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 41.5 (g)
16 01B -MTW 44.2 "
16 01C -MTW 45.5 "
16 01Z -MTW 45.8 "

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 Recorder(s): RJ FISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: LIBERTY BAY

Site ID: PSS13175-800029

Assess mussels in each bag **Today's Date:** 2-16-16 **Recorder:** Colleen

Bag # 841	Empty 8	Rotten	Gaping	Cracked	Alive 8	TOTAL 16
Bag # 843	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16
Bag # 844	Empty 6	Rotten	Gaping	Cracked	Alive 10	TOTAL 16
Bag # 847	Empty 1	Rotten	Gaping	Cracked	Alive 15	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6329 **to** 6340

(numbers assigned by WDFW staff)

Recorder: JAL & FPA

Recorder: Erin Medlock

Today's Date: 2/6/2016

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6329	847	57.97	Y		2.5	
30	847	56.09	Y		2.5	
31	847	54.68	Y		2.8	
32	844	55.54	Y		2.4	
33	844	59.46	Y		2.7	
34	844	51.72	Y	Calcified bumps inside shell. Orange tissues	2.4	
35	843	61.22	Y		3.5	
36	843	62.33	Y		3.4	
37	843	58.41	~~X~~ Y		2.5	
38	841	54.07	Y		2.5	
39	841	56.16	Y		2.7	
40	841	60.37	N		3.1	
				Date & Time In Oven: LN ~~X~~ 2/16/16 1605	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Liberty Bay

Site ID: PS13175-000029 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7656 **to** 7687

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7656	847	55.59	8.1		
57		60.3	10.1		
58		57.34	9.0		
59		56.72	8.6		
7660		56.69	8.0		
61		58.10	10.2		
62		56.31	9.2		
63		51.41	6.3		
64		54.57	8.1		
65		61.86	11.2		
7687	841	52.22	5.1		
7666 67	843	61.7	8.1		
67 68		54.16	6.6		
68 69		57.94	6.9		
69 7670		51.62	4.4		
70 71		54.51	5.1		
71 72		59.09	8.4		
72 73		55.91	7.9		
73 74		57.17	9.4		
74 75		55.23	5.6		
75 76		61.94	8.6		
76 77	844	57.03	7.6		
77 78		62.54	10.2		
78 79		61.83	9.4		
79 7680		54.23	6.1		
80 81		60.09	8.5		
81 82		58.42	7.1		
82 83		62.79	8.1		
83 84	841	52.27	6.2		
84 85		56.19	6.7		
85 86		61.15	7.4		
86 87		56.91	6.9		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW - 45.5g
16 01B -MTW - 45.3g
16 01C -MTW - 45.5g
16 01Z -MTW - 46.1g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: Recorder(s): Amanda Phillips

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Kitsap Street Boat Launch

Site ID: PSS13175-~~30~~ 080030

Assess mussels in each bag **Today's Date:** 2/11/16 **Recorder:** LAN

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
756	3				13	16
757	3				12	15
759	5				11	16
755	~~3~~ 4				12	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6437 **to** 6448

(numbers assigned by WDFW staff)

Recorder: Mariko Langness / Laune Nierolny

Recorder: Jennifer Welch

Today's Date: 2/11/16

Today's Date: 2/22/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6437	755	56.23	Y		2.4	
6438	755	56.89	Y		2.4	
6439	755	53.82	Y		2.2	
6440	756	55.53	Y		2.7	
6441	756	53.63	Y		2.0	
6442	756	60.38	Y		3.4	
6443	757	59.65	Y		2.7	
6444	757	54.59	Y		2.0	
6445	757	57.76	Y		2.6	
6446	759	54.37	Y		2.3	
6447	759	60.33	Y		2.8	
6448	759	56.51	Y		2.2	
				Date & Time In Oven: 2/11/16 15:15	Date & Time Out of Oven: 2/22/16 9:16	

Comments: * ovens turned off @ 0750 on 2/~~22~~/16 16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Kitsap Strait boat launch

Site ID: PSS13175-000030 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/2016

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7624 **to** 7655

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
7624	757	55.55	7.2		
25		59.03	8.4		
26		53.42	6.8		
27		57.39	7.8		
28		60.16	9.1		
29		56.60	7.8		
7630		55.33	6.5		
31		60.59	8.4		
32	756	52.03	5.2		
33		58.69	6.6		
34		62.53	7.6		
35		61.85	10.2		
36		58.94	8.9		
37		51.35	4.9		
38		52.10	5.0		
39		60.12	7.0		
7640	755	58.88	6.6		
41		57.62	7.0		
42		55.31	5.6		
43		60.05	7.7		
44		51.84	4.7		
45		52.90	6.8		
46		53.57	5.7		
47		60.76	8.3		
48	759	57.98	6.3		
49		51.22	3.2		
7650		52.68	5.5		
51		54.03	2.6		
52		56.19	5.1		
53		58.69	7.4		
54		56.30	6.8		
55		54.81	6.6		

SampleIDs (include incremental numbers and/or letters at end):

16 ~~030~~ 01A -MTW ~~01A~~ - 45.2 g

16 ~~030~~ 01B -MTW ~~01B~~ - 46.2 g

16 ~~030~~ 01C -MTW ~~01C~~ - 46.4 g

16 ~~030~~ 01Z -MTW ~~01Z~~ - 47 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: Recorder(s): Amanda Phillips

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: East Sound fishing bay

Site ID: PSS13175-000031

Assess mussels in each bag **Today's Date:** 02/06/2016 **Recorder:** FPA

Bag # 568	Empty 2	Rotten	Gaping	Cracked	Alive 14	TOTAL 16
Bag # 560	Empty 1	Rotten	Gaping	Cracked	Alive 15	TOTAL 16
Bag # 508	Empty 1	Rotten 1	Gaping	Cracked	Alive 14	TOTAL 16
Bag # 578	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6353 **to** 6364

(numbers assigned by WDFW staff)

Recorder: TRACEY SCALICI

Today's Date: 2/6/16

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6353	560	53.15	Y		2.9	
6354	560	~~63.~~ 59.35	Y		2.7	
6355	560	61.33	Y		2.8	
6356	568	59.59	Y		3.1	
6357	568	53.46	Y		2.6	
6358	568	55.82	Y		2.5	
6359	578	53.53	Y		2.7	
6360	578	57.57	Y		2.4	
6361	578	53.54	Y		2.2	
6362	508	55.69	Y		2.4	
6363	508	57.62	Y		2.5	
6364	508	55.60	Y		2.5	
				Date & Time In Oven: LN 2/6/16 1700	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: East Sound

Site ID: 031 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7272 **to** 7303

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7272	568	65.76	9.4		
73		60.31	6.6		
74		58.34	6.7		
75		52.89	–		
76		59.44	7.4		Possible combined wt with prior
77		63.71	8.9		
78		56.45	5.9		
79		55.72	6.5		
7280	578	58.98	7.2		
81		60.23	5.9		
82		64.23	9.3		
83		56.45	4.3		
84		53.82	[illegible]		missed data
85		59.20	8.1		
86		52.55	4.2		
87		60.65	6.1		
7288	508	54.12	5.9		
89		57.78	6.3		
90		58.74	7.5		
91		55.71	5.1		
92		63.84	6.6		
93		60.89	7.9		
94		57.83	4.5		
95		57.01	5.0		
7296	560	58.58	6.1		
97		56.74	5.8		
98		55.89	6.1		
99		55.80	7.0		
7300		59.21	6.2		
01		54.42	5.3		
02		63.07	7.3		
7303		57.44	5.8		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 47.3 (9)
16 01B -MTW 46.0
16 01C -MTW 49.5
16 01Z -MTW 48.6

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/26/16 Recorder(s): PMCampbell

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Williams-Olson

Site ID: 35 PSS13175-000035

Assess mussels in each bag **Today's Date:** 2/8/16 **Recorder:** Cecilia Walters

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
702	2	1			13	16
708	5				11	16
693	7				9	16
706	4	1			11	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
#693 - only 1 for conditioning

CONDITION INDEX LOG - Fish ID# range: 6005 **to** 6016
(numbers assigned by WDFW staff)

Recorder: Hannah Ferguson					Recorder: R. FISK	
Today's Date: 2/8/16					Today's Date: 2/16/16	
Fish ID#	Bag #	Shell Length	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	Y/N/Unk		0.1 g	0.1 g
6005	702	55.58	Y		2.6	
06	702	57.34	Y		3.2	
07	702	58.00	Y		2.8	
08	708	57.72	Y		2.9	
09	708	53.21	Y		2.8	
10	708	54.29	Y		2.2	
11	693	59.34	Y		2.9	
12	706	53.66	Y		2.3	
13	706	59.42	Y		2.8	
14	706	51.97	Y		2.5	
15	—					
16	—					
				Date & Time In Oven: 2/8/16 1634	Date & Time Out of Oven: 2/16/16 1418	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Wilson - Olson

Site ID: PSS13175000035 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/18/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 168808 **to** 168839

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
8808	706	59.03	8.3		
8809		54.17	5.6		
8810		56.97	4.4		
8811		54.38	4.9		
8812		61.80	8.0		
8813		54.04	5.7		
8814		59.46	7.0		
8815		59.75	8.0		
8816	693	54.21	5.5		
8817		55.31	7.0		
8818		61.37	6.5		
8819		56.80	5.9		
8820		60.06	7.3		
8821		52.76	4.6		
8822		59.32	6.4		
8823		52.96	5.5		
8824	708	54.58	4.0		
8825		59.47	6.5		
8826		57.30	6.4		
8827		59.21	7.3		
8828		55.70	5.1		
8829		52.19	5.1		
8830		62.25	8.1		
8831		57.50	5.5		
8832	702	52.50	7.1		
8833		55.64	5.1		
8834		56.89	4.7		
8835		52.95	5.1		
8836		53.86	5.5		
8837		54.70	5.4		
8838		59.20	6.5		
8839		57.63	5.7		

SampleIDs (include incremental numbers and/or letters at end):

16 49.6 -MTW 01A
16 51.7 -MTW 01B
16 45.7 -MTW 01C
16 32.7 -MTW 01E

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/18/16 Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Saltars pt - Steilacoom

Site ID: PSS13175-000037

Assess mussels in each bag **Today's Date:** 2/10/2016 **Recorder:** Tim Determan

Bag # 659	Empty 4	Rotten —	Gaping —	Cracked —	Alive 12	TOTAL 16
Bag # 638	Empty 6	Rotten —	Gaping —	Cracked —	Alive 10	TOTAL 16
Bag # 636	Empty 3	Rotten —	Gaping —	Cracked —	Alive 13	TOTAL 16
Bag # 647	Empty 4	Rotten —	Gaping —	Cracked —	Alive 12	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6281 **to** 6292

(numbers assigned by WDFW staff)

Recorder: L Niewolny

Today's Date: 2/10/16

Recorder: RJFISK

Today's Date: 2/17/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6281	659	54.65	Yes		2.1	
82	↓	53.34	↓		2.3	
83	↓	50.97	↓		1.9	
84	638	53.89	↓	Black Cysts on inside of shell	2.2	
85	↓	54.82	↓	Red worms present - 2 total also pin hole and calcified bump on shell	2.3	
NA ~~[illegible]~~						
86	636	53.75	No		1.7	
87	↓	50.51	YES		2.2	
88	647	54.35	↓		2.4	
89	↓	53.09	↓		2.4	
90	↓	57.32	↓		2.7	
NA						
				Date & Time In Oven: 2/10/16 15:00	Date & Time Out of Oven: 2/17/16 1006*	

Comments:

NA 2 mussel live left for CI in Bags 638 and 636.

Disposed 6291 + 6292.

* Ovens turned off @ 0750 on 2/16/16

Created: LAN 12/2012

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Saltars Point - Steilacoom

Site ID: PSS 13175-000037 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/2/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8296 **to** 8327

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
8296	636	51.41	5.8		
8297		51.70	6.1		
8298		56.70	7.0		
8299		55.30	6.7		
8300		58.59	7.4		
8301		53.74	6.7		
8302		52.18	12.8		
8303		54.99	7.4		
8304	638	52.66	6.5		
8305		52.07	6.1		
8306		58.84	6.6		
8307		55.56	6.9		
8308		49.65	4.5		
8309		57.05	4.3		
8310		57.96	12.4		
8311		52.92	4.9		
8312	647	60.24	7.7		
8313		55.95	6.1		
8314		52.22	5.0		
8315		54.07	6.5		
8316		54.75	6.4		
8317		52.93	6.1		
8318		55.87	7.3		
8319		56.78	5.7		
8320	659	51.71	4.4		
8321		53.32	5.1		
8322		60.25	6.7		
8323		53.64	5.1		
8324		51.50	4.7		
8325		51.33	4.8		
8326		54.48	4.9		
8327		56.04	5.5		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.3
16 01B -MTW 45.7
16 01C -MTW 46.8
16 01Z -MTW 42.7

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/2/16 Recorder(s): T. Scalici

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Rocky Point

Site ID: PSS13175 - 000038

Assess mussels in each bag **Today's Date:** 2/6/16 **Recorder:** Biondo

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
723	3	1			12	16
626	4				12	16
739	1				15	16
629	3				13	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5825 **to** 5836

(numbers assigned by WDFW staff)

Recorder: Angela Kaurin / SHELLEY KAURIN

Today's Date: 2/6/16

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5825	626	52.36	Y	Watery	2.1	
5826	626	54.95	Y		2.5	
5827	626	57.50	Y		2.6	
5828	629	55.51	Y		2.9	
5829	629	51.40	Y		2.7	
5830	629	60.73	Y		2.9	
5831	739	54.96	Y		2.7	
5832	739	66.67	Y		2.7	
5833	739	62.61	Y		2.6	
5834	723	56.22	Y		2.6	
5835	723	57.25	Y		2.2	
5836	723	55.05	Y		2.7	
				Date & Time In Oven: 2/6/16 1445 LN	Date & Time Out of Oven: 2/8/16 LN 1700	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Rocky Point

Site ID: PSS13175 - 000038 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/2/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 8136 **to** 16 8167

~~Empty jar weight:~~ _____ ~~Full jar weight:~~ _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8136	629	59.78	7.6		
8137		59.34	7.1		
8138		54.55	7.7		
8139		57.27	8.1		
8140		54.17	6.1		
8141		59.95	6.6		
8142		55.94	6.4		
8143		52.65	5.1		
8144	739	69.32	11.9		
8145		62.07	8.7		
8146		60.95	7.7		
8147		56.61	6.1		
8148		54.70	6.5		
8149		55.22	5.2		
8150		55.53	7.4		
8151		53.86	6.9		
8152	626	55.65	7.2		
8153		55.60	7.2		
8154		56.53	6.4		
8155		58.73	7.4		
8156		54.55	5.1		
8157		63.86	9.9		
8158		55.02	6.0		
8159		51.39	4.4		
8160	723	58.33	8.0		
8161		60.91	6.8		
8162		56.96	6.5		
8163		61.97	8.0		
8164		60.32	7.1		
8165		58.05	6.3		
8166		57.23	4.2		
8167		62.47	9.9		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 47.7 (g)
16 01B -MTW 45.2 "
16 01C -MTW 45.5 "
16 01Z -MTW 52.2 "

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/2/16 | Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Smith Cove Terminal 91

Site ID: ~~991~~ PSS13175-000039

Assess mussels in each bag **Today's Date:** 2/10/16 **Recorder:** Cecilia Walters

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
750	3				13	16
737	4		1		10	15
747	3				13	16
738	2				14	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
Bag # 737 only 2 for conditioning - 1 missing

CONDITION INDEX LOG - Fish ID# range: 6293 **to** ~~6299~~ 6303
(numbers assigned by WDFW staff)

Recorder: Niewolny / Ferguson

Today's Date:

Recorder: RJ FISK

Today's Date: 2/17/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6293	738	60.45	Y		2.6	
94	↓	57.08	Y		2.3	
95	↓	58.56	Y		2.5	
96	750	53.26	Y		2.3	
97	↓	59.51	Y		2.5	
98	↓	61.94	Y		2.6	
99	747	53.52	Y		1.9	
6300	↓	51.84	Y		2.0	
01	↓	57.86	Y		2.3	
02	737	56.26	Y		2.4	
03	↓	57.75	Y		2.4	
~~04~~	No enough live					
				Date & Time In Oven: 2/10/16 15:00	Date & Time Out of Oven: 2/17/16 1015*	

Comments:
* Ovens turned off @ 0750 on 2/17/16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Smith Cove Terminal 91

Site ID: PSS13175-00039 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3-2-16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8456 **to** _____

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8456	737	61.66	9.2		
8457		58.23	5.4		
8458		54.63	5.6		
8459		57.50	5.0		
8460		57.64	7.7		
8461		51.16	4.5		
8462		57.23	7.7		
8463		59.90	6.0		
8464	750	51.87	4.7		
8465		~~54.28~~	6.0		58.91 replacement - original empty
8466		57.31	4.0		
8467		52.30	6.2		
8468		52.64	6.6		
8469		54.36	5.3		
8470		53.33	5.9		
8471		51.50	4.1		
8472	738	54.46	6.3		
8473		57.58	6.3		
8474		54.32	4.6		
8475		52.19	4.9		
8476		59.37	6.6		
8477		56.82	6.8		
8478		55.69	5.5		
8479		54.85	5.4		
8480	747	57.09	6.6		
8481		59.32	7.5		
8482		53.22	5.3		
8483		55.43	5.8		
8484		58.82	7.4		
8485		60.44	7.6		
8486		58.54	6.5		
8487		56.32	5.5		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.6
16 01B -MTW 46.3
16 01C -MTW 47.0
16 01Z -MTW 42.0

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3-2-16 Recorder(s): Colleen Suter

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: EVERGREEN ROTARY PARK

Site ID: ~~[illegible]~~ PSS13175-000042

Assess mussels in each bag **Today's Date:** 2/6/16 **Recorder:** TRACEY SCALICI

Bag # 850	Empty 2	Rotten	Gaping X2	Cracked	Alive ~~X~~12	TOTAL 16
Bag # 631	Empty ~~X~~5	Rotten	Gaping 1	Cracked	Alive 10	TOTAL 16
Bag # 845	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16
Bag # 851	Empty 6	Rotten	Gaping	Cracked	Alive 10	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6317 **to** ~~[illegible]~~ 6328

(numbers assigned by WDFW staff)

Recorder: JAL					Recorder: Erin Medlock	
Today's Date: 2/6/2016					Today's Date: 2/10/16	
Fish ID#	Bag #	Shell Length	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	Y/N/Unk		0.1 g	0.1 g
6317	845	52.83	Y		2.2	
18	845	58.93	~~X~~Y		2.2	
19	845	58.83	Y		3.2	
20	850	55.44	Y		2.9	
21	850	57.01	Y		2.9	
22	850	55.17	Y		3.2	
23	631	51.24	Y	Pink gonads	2.3	
24	631	53.02	Y		2.7	
25	631	56.36	Y		2.5	
26	851	52.60	Y		2.4	
27	851	57.86	Y		2.8	
28	851	54.02	Y		2.4	
				Date & Time In Oven: 2/6/16 1:26pm	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Evergreen Rotary Park

Site ID: 042 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7368 **to** 7399

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7368	851	54.81	5.7		Only 7 in bag, 9th added from next bag (845)
69		53.75	6.4		
70		51.81	4.7		
71		57.88	7.5		
72		54.25	4.3		
73		54.17	9.5		
74		55.20	6.7		
7375	845	51.66	4.2		
76		57.76	7.2		
77		53.50	5.6		
78		55.51	6.2		
79		58.68	6.7		
80		56.44	6.6		
81		51.79	5.5		
82		52.91	4.6		
83		50.70	4.0		
7384	631	58.79	7.4		Only 7 in bag, 9th added from next bag (850)
85		55.98	6.3		
86		54.68	4.3		
87		58.61	5.9		
88		52.66	5.6		
89		51.85	3.9		
90		59.41	6.0		
7391	850	58.40	6.1		
92		55.09	5.6		
93		55.80	4.9		
94		56.56	4.9		
95		58.16	7.7		
96		61.49	7.2		
97		57.73	6.3		
98		55.22	5.9		
7399		59.20	6.1		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 48.2 g
16 01B -MTW 49.2 g
16 01C -MTW 48.6 g
16 01Z -MTW 28.2 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/26/16 Recorder(s): PMCampbell / RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: N. Avenue Park

Site ID: PSS13175-000043

Assess mussels in each bag **Today's Date:** 2/6/2016 **Recorder:** JAL

Bag # 570 Empty 4 Rotten — Gaping — Cracked — Alive 12 TOTAL 16

Bag # 581 Empty 1 Rotten — Gaping — Cracked — Alive 15 TOTAL 16

Bag # 573 Empty 5 Rotten — Gaping — Cracked — Alive 11 TOTAL 16

Bag # 567 Empty 5 Rotten — Gaping — Cracked — Alive 11 TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6377 **to** 6388

(numbers assigned by WDFW staff)

Recorder: JAL					Recorder: Erin Medlock	
Today's Date: 2/6/2016					Today's Date: 2/10/16	
Fish ID#	Bag #	Shell Length	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	Y/N/Unk		0.1 g	0.1 g
6377	570	56.61	Y		2.7	
78	570	55.26	Y		2.7	
79	570	51.79	Y		2.3	
80	581	55.17	Y		2.6	
81	581	51.20	N		2.1	
82	581	56.49	N		2.2	
83	567	55.54	Y		2.4	
84	567	57.55	Y		3.3	
85	567	54.74	N		2.0	
86	573	53.77	Y		2.4	
87	573	55.76	Y		2.8	
88	573	58.75	N		2.6	
				Date & Time In Oven: LN 2/6/16 1700	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: N Avenue Park

Site ID: PSS13175- 000043 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 02/29/2016

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7752 **to** 7783

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
7752	570	57.83	8.0		
53		52.99	6.4		
54		52.56	6.2		
55		54.29	6.1		
56		57.85	6.0		
57		53.77	6.9		
58		54.38	6.1		
59		52.80	6.7		
7760	573	52.16	4.7		
61		56.52	7.4		
62		57.15	6.6		
63		59.77	8.4		
64		59.20	6.3		
65		59.63	7.0		
66		55.61	6.0		
67		58.11	6.4		
7768	567	59.43	6.8		
69		57.58	8.0		
70		55.81	6.9		
71		56.84	6.0		
72		58.23	7.6		
73		52.21	6.0		
74		53.02	5.1		
75		55.94	6.5		
7776	581	57.77	6.0		
77		53.59	6.7		
78		55.69	6.7		
79		58.98	6.5		
80		56.60	5.8		
81		57.91	8.4		
82		58.54	6.9		
7783		62.02	6.3		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 45.3(g)
16 01B -MTW 46.2 "
16 01C -MTW 45.3 "
16 01E -MTW 48.3 "

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/29/16 Recorder(s): PM Campbell

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Apple Tree Cove

Site ID: ~~46~~ PSS13175-000046

Assess mussels in each bag **Today's Date:** 2/10/16 **Recorder:** Cecilia Walters

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
599	4	2			10	16
593	4				12	16
601	3	2			11	16
594	3				13	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
#599 - only 2 for conditioning

CONDITION INDEX LOG - Fish ID# range: 6257 **to** 6268
(numbers assigned by WDFW staff)

Recorder: Jennifer Lankesbury

Recorder: RJFISK

Today's Date: 2/10/16

Today's Date: 2/17/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6257	594	57.65	Y		2.3	
58	594	52.66			2.2	
59	594	53.64			2.1	
60	601	52.61			1.6	
61	601	58.55			2.9	
62	601	55.95			2.3	
63	593	58.60			2.7	
64	593	54.86			2.6	
65	593	55.60			2.3	
66	599	56.06			2.4	
67	599	60.33			2.3	
~~68~~	~~599~~					
				Date & Time In Oven: 2/10/16 14:45	Date & Time Out of Oven: 2/17/16 0837 *	

Comments:
* ovens turned off @ 0750 on 2/16/16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Apple Tree Cove

Site ID: PSS13175-000046 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/23/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 6761 **to** 6792

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
6761	594	54.59	7.6		
62		55.25	4.3		
63		59.67	8.0		
64		57.66	8.0		
65		54.63	6.8		
66		56.06	6.7		
67		57.97	9.1		
68		53.35	3.5		
67 69	601	56.48	8.0		
70		55.01	6.3		
71		56.18	7.7		
72		55.39	8.3		
73		59.74	8.7		
74		59.45	7.3		
75		55.43	7.0		
76		53.46	6.3		
6777	593	56.09	6.4		
78		59.75	7.0		
79		55.96	7.9		
80		54.29	6.5		
81		58.11	7.8		
82		59.61	10.5		
83		56.24	8.1		
84		61.96	8.4		
6785	599	53.59	5.9		
86		54.08	6.7		
87		57.59	7.4		
88		56.69	6.6		
89		52.82	5.1		
90		58.85	8.0		
91		58.34	6.7		
92		52.16	5.3		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW - 45g
16 01B -MTW - 51.6g
16 01C -MTW - 46.4g
16 01Z -MTW - 45.1g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/23/16 Recorder(s): RJFISK

Comments: No obs.

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Cherry PT Aq Reserve, Birch Bay S

Site ID: PSS 13175-4000047

Assess mussels in each bag **Today's Date:** 2/9/2016 **Recorder:** Tim Determan

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
907	4	—	—	—	12	16
903	2	—	—	—	14	16
904	1	—	—	—	15	16
873	1	—	—	—	15	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6173 **to** 6184

(numbers assigned by WDFW staff)

Recorder: Mariko Langness

Recorder: RJFISK

Today's Date: 2/9/16

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6173	873	54.95	Y		2.5	
6174	873	57.57	Y		2.4	
6175	873	56.51	Y		2.2	
6176	904	55.15	Y		2.2	
6177	904	51.88	Y		2.0	
6178	904	54.91	Y		2.2	
6179	903	52.18	Y		2.3	
6180	903	52.00	Y		2.5	
6181	903	55.71	Y		2.3	
6182	907	63.48	Y		3.1	
6183	907	56.81	Y		2.3	
6184	907	54.73	Y		2.0	
				Date & Time In Oven: 2/9/16 16:45	Date & Time Out of Oven: 2/16/16 1603	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Cherry Pt. AqReserve, Birch Bay S

Site ID: PSS B175-000047 (use LAST 3 DIGITS of SiteID for SampleID, below)

Today's Date: 2/25/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7048 **to** 7079

88.9

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
7048	873	58.13	8.0		
49		56.98	6.0		
7050		62.24	8.9		
51		53.15	5.7		
52		56.35	5.8		
53		63.67	8.4		
54		56.01	5.9		
55		54.72	6.1		
56	904	58.55	7.1		
57		58.28	6.1		
58		56.42	3.8		Added all tissue weight and subtracted from scale weight
59		55.15	3.1		
7060		52.74	4.9		
61		58.76	5.5		
62		55.64	5.5		
63		53.64	5.7		
64	907	52.10	4.1		
65		57.17	5.5		
66		56.65	4.8		
67		52.45	4.8		
68		58.91	6.3		
69		56.93	5.6		
7070		57.41	5.2		
71		55.78	6.0		
72	903	56.69	5.8		
73		52.06	4.6		
74		52.10	5.3		
75		54.75	5.4		
76		53.36	3.7		
77		51.95	3.4		
78		54.46	4.0		
7079		51.66	4.4		

SampleIDs (include incremental numbers and/or letters at end):

16 46.9 -MTW 01A 46.9 g

16 45.8 -MTW 01B 45.8 g

16 45.2 -MTW 01C 45.2 g

16 29.3 -MTW 01Z 29.3 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: | Recorder(s):

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Naketa Beach

Site ID: PSS13175-000048

Assess mussels in each bag **Today's Date:** 2/10/16 **Recorder:** Manko Langness

Bag # ~~936~~ 760/917	Empty 4	Rotten	Gaping	Cracked	Alive 28	TOTAL 32
Bag # 936	Empty 6	Rotten	Gaping	Cracked	Alive 10	TOTAL 16
Bag # 754	Empty 3	Rotten	Gaping 1	Cracked	Alive 12	TOTAL 16
Bag # 760/917	Empty 4	Rotten	Gaping	Cracked	Alive 28	TOTAL 32

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

Bags 760 and 917 combined, tags loose and couldn't determine which tag belonged to each bag.

CONDITION INDEX LOG - Fish ID# range: 5801 **to** 5812

(numbers assigned by WDFW staff)

Recorder: Manko Langness

Recorder: Erin Medlock

Today's Date: 2/6/2016

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5801	754	54.57	Y		2.7 g	
5802	754	57.26	Y		2.4 g	
5803	754	58.29	Y		2.8 g	
5804	936	57.52	Y		2.7 g	
5805	936	54.25	Y		2.4 g	
5806	936	54.24	N/Unk		2.3 g	
5807	760/917	61.06	Y		3.0 g	
5808	760/917	54.98	N		2.5 g	
5809	760/917	55.34	Y		2.4 g	
5810	760/917	53.21	N	Gonads under	2.3 g	
5811	760/917	52.82	Y	Pitted, weak shell - cracked when scruped. Black dots on tissue	2.2 g	
5812	760/917	51.21	Y		2.2 g	
				Date & Time In Oven: 2/6/16 1:26pm	Date & Time Out of Oven: 2/8/16 LN 1700	

Comments:

Created: LAN 12/2012

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Naketa Beach

Site ID: PSS13175-000048 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 7816 **to** 16 7847

~~Empty jar weight:~~ _____ ~~Full jar weight:~~ _____ ~~Total tissue weight:~~ _____ ~~(i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7816	754	60.84	6.7		
7817		58.27	5.3		
7818		54.24	5.2		
19		59.34	7.8		
20		58.48	8.2		
21		52.09	4.2		
22		57.54	5.2		
23		57.47	4.3		
24	760/917	51.51	4.7		
25		51.88	4.5		
26		57.69	6.0		
27		50.54	5.4		
28		51.08	4.7		
29		54.76	6.6		
30		54.08	5.1		
31		58.85	5.8		
32		56.80	6.0		
33		55.75	6.2		
34		52.61	4.9		
35		55.36	6.1		
36		53.36	4.1		
37		56.87	6.1		
38		58.05	5.8		
39		59.90	5.4		
40		58.87	6.9		
41	936	54.74	5.2		
42		61.50	8.1		
43		56.90	5.1		
44		56.22	4.9		
45		56.83	4.6		
46		56.77	5.0		
47		59.26	6.3		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 48.1(g)
16 01B -MTW 45.2 "
16 01C -MTW 45.5 "
16 01Z -MTW 27.0 "

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 | Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Donkey Creek - Gig Harbor

Site ID: PSS13175 - 0000049

Assess mussels in each bag **Today's Date:** 2/11/16 **Recorder:** LAN

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
930	7				9	16
925	7				9	16
928	6				10	16
926	8				8	14

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6473 **to** 6476

(numbers assigned by WDFW staff)

Recorder: Laurie Niewdny, Marko Langness

Today's Date: 2/11/2016

Recorder: Jennifer Welch

Today's Date: 2/22/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6473	928	54.71	Y		2.7	
6474	928	59.17	Y		2.8	
6475	925	61.11	Y		2.9	
6476	930	56.81	Y		2.8	
				Date & Time In Oven: 2/11/2016 14:50	Date & Time Out of Oven: 2/22/16 8:56	

Comments: * ovens turned off @ 0750 on 2/~~20~~16/16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Donkey Creek

Site ID: PSS13175 - 000049 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 7176 **to** 7207

~~Empty jar weight:~~ _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7176	925	52.87	5.0		
77		58.41	7.8		
78		53.54	3.1		
79		58.71	6.5		
80		59.22	6.2		
81		56.84	6.3		
82		53.73	5.7		
83		52.03	3.7		
84	926	53.87	5.3		
85		56.37	5.8		
86		58.41	6.1		
87		52.02	2.9		
88		58.15	7.3		
89		59.79	9.0		
90		61.37	6.3		
91		56.87	5.8		
92	928	57.72	7.6		
93		51.85	5.0		
94		52.62	4.2		
95		58.67	5.7		
96		53.03	5.0		
97		55.58	7.0		
98		53.36	6.5		
99		58.68	5.7		
7200	930	52.40	5.1		
01		61.94	7.8		
02		55.97	6.1		
03		58.44	6.5		
04		52.31	4.6		
05		56.24	6.5		
06		57.80	6.7		
7207		55.47	5.4		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 47.6g
16 01B -MTW 48.1g
16 01C -MTW 47.5g
16 01Z -MTW 27.0g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/26/16 Recorder(s): RJFISK PM Campbell

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Dash Point Park

Site ID: RS13175-000061

Assess mussels in each bag **Today's Date:** 2/7/16 **Recorder:** Carla & Cory

	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
Bag # 607	3	—	—	—	13	16
Bag # 728	1	—	—	—	14	15
Bag # 731	2	—	—	—	13	15
Bag # ~~609~~ 610	2	—	—	—	13	15

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6725 **to** 6736

(numbers assigned by WDFW staff)

Recorder: L Niewolny + J. Banksbury

Today's Date: 2/7/16

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6725	607	57.01	yes	Cyst-Like Pouches on Inside of Shell	2.9	
26	↓	59.25	↓		3.3	
27	↓	57.29	↓		2.7	
28	731	57.34	↓		2.6	
29	↓	55.31	↓		2.3	
30	↓	51.01	↓		1.9	
31	~~6~~ 728	59.61	↓		3.3	
32	↓	60.68	↓		2.9	
33	↓	59.08	↓		2.8	
34	610	59.18	↓		2.7	
35	↓	53.02	N		1.9	
36	↓	53.53	yes		2.4	
				Date & Time In Oven: 2/7/16 0855	Date & Time Out of Oven: 2/10/16 LN 1230	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Dash Point Park

Site ID: PSS13175-000061 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/7/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16-8584 **to** 16-8615

Empty jar weight: ____ Full jar weight: ____ Total tissue weight: ____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
8584	728	59.02	8.8		
8585		54.26	5.0		
8586		52.26	4.1		
8587		57.25	6.3		
8588		54.58	7.0		
8589		54.85	6.8		
8590		60.72	8.7		
8591		58.90	8.1		
8592	610	54.25	7.9		
8593		55.95	7.0		
8594		57.15	8.4		
8595		52.04	4.4		
8596		60.64	4.7		
8597		53.82	5.4		
8598		54.22	5.7		
8599		60.14	8.9		
8600	607	56.35	5.5		
8601		53.84	6.8		
8602		50.52	2.3		
8603		55.25	5.7		
8604		58.02	5.6		
8605		53.38	5.6		
8606		52.74	4.8		
8607		52.28	4.8		
8608	731	53.24	6.1		
8609		59.24	5.3		
8610		60.29	6.4		
8611		58.98	8.0		
8612		61.15	7.4		
8613		53.18	2.5		
8614		56.88	7.1		
8615		57.29	6.7		

SampleIDs (include incremental numbers and/or letters at end):
16 45.3 -MTW A
16 45.0 -MTW B
16 45.5 -MTW C
16 48.4 -MTW Z

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

16RSMP061-MTW01 A, B, C, Z

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3-7-16 Recorder(s): Jon Harris

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Purdy - Dexters

Site ID: PSS13175-000161

Assess mussels in each bag **Today's Date:** 2/7/16 **Recorder:** RJF

Bag # 622	Empty 4	Rotten	Gaping	Cracked	Alive 12	TOTAL 16
Bag # 726	Empty	Rotten	Gaping	Cracked	Alive 16	TOTAL 16
Bag # 727	Empty 2	Rotten	Gaping	Cracked	Alive 14	TOTAL 16
Bag # 633	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 16 6665 ~~6670~~ **to** 6676

(numbers assigned by WDFW staff)

Recorder: L. Niewolny / J. Lauksbury

Today's Date: 2/7/2016

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
16 6665	633	55.31	yes		2.3	
66	↓	55.86	↓		2.4	
67	↓	51.47	↓		1.9	
68	727	54.72	↓	Numerous ~~Cysts~~ Calified Black spots	2.0	
69	↓	57.14	↓		2.4	
70	↓	53.45	↓		2.3	
71	726	55.09	↓		2.4	
72	↓	56.91	↓		2.6	
73	↓	58.82	↓		2.5	
74	622	51.77	↓		2.3	
75	↓	51.80	↓		2.2	
6676	↓	56.59	↓		2.5	
				Date & Time In Oven: 2/7/2016 10:30AM	Date & Time Out of Oven: 8/10/16 1230 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Purdy - Dexter

Site ID: PSS13175-000161 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/7/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16·8680 **to** 16·8711

Empty jar weight: — Full jar weight: — Total tissue weight: — (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8680	633	58.22	8.0		
81	633	56.29	5.8		
82	633	58.73	7.5		
83	633	58.29	6.3		
84	633	57.35	6.5		
85	633	55.85	5.7		
86	633	55.24	4.5		
87	633	53.87	4.7		
88	727	56.88	6.0		
89		52.82	5.3		
8690		60.90	7.7		
91		57.90	5.2		
92		58.26	5.5		
93		55.47	5.7		
94		53.70	3.2		
95		55.10	5.1		
96	726	56.33	4.8		
97		54.79	6.2		
98		54.74	4.9		
99		51.43	5.0		
8700		61.78	7.0		
01		59.55	8.6		
02		59.11	7.2		
03		54.53	4.4		
04	626	56.43	6.0		
05		56.18	5.7		
06		50.93	4.2		
07		55.76	6.5		
08		55.65	5.7		
09		57.69	6.2		
10		58.98	6.5		
8711		57.14	5.8		

SampleIDs (include incremental numbers and/or letters at end):

16 RSMP161 -MTW01A 46.2 g
16 RSMP161 -MTW01B 47.0 g
16 RSMP161 -MTW01C 46.4 g
16 RSMP161 -MTW01Z 35.1 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/7/16 Recorder(s): Niewbury & Corrie Lee

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Purdy-Nicholson

Site ID: RSS13175-000353

Assess mussels in each bag **Today's Date:** 2/7/16 **Recorder:** C. Vincent

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
745	2				14	16
624	3				12	15
617	3				12	15
724	4				12	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6689 **to** 6700

(numbers assigned by WDFW staff)

Recorder: Niewolny / Lanksbury

Today's Date: 2/7/16

Recorder: 2/10/16

Today's Date: Erin Medlock

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6689	724	54.03	Y		2.0	
90	724	56.82			2.4	
91	724	59.95			2.8	
92	617	53.96			2.6	
93	617	57.06			2.8	
94	617	54.81			2.5	
95	745	65.32			3.2	
96		59.39			2.9	
97		57.96			2.5	
98	624	61.76			3.1	
99		53.77			2.7	
6700		60.89			2.6	
				Date & Time In Oven: 2/7/2016 10:30 AM	Date & Time Out of Oven: 2/10/16 1230 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Purdy - Nicholson

Site ID: PSS13175 - 000353 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/7/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16-8712 **to** 16-8743

Empty jar weight: ____ Full jar weight: ____ Total tissue weight: ____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
8712	617	55.92	5.6		
8713		58.16	5.7		
8714		57.35	5.4		
8715		53.92	5.4		
8716		56.09	4.8		
8717		58.23	5.7		
8718		59.08	6.2		
8719		55.56	4.7		
8720	745	53.15	4.1		
8721		55.92	4.2		
8722		56.48	6.1		
8723		54.18	4.9		
8724		51.36	5.0		
8725		55.34	4.8		
8726		61.02	6.4		
8727		54.37	5.2		
8728	624	59.61	7.4		
8729		53.94	4.8		
8730		57.53	6.6		
8731		53.94	7.2		
8732		55.71	5.7		
8733		54.93	5.4		
8734		57.58	5.9		
8735		60.28	7.4		
8736	724	50.59	4.8		
8737		56.69	6.6		
8738		55.53	5.9		
8739		60.87	6.1		
8740		53.40	4.5		
8741		58.44	5.2		
8742		58.67	6.1		
8743		53.64	4.6		

SampleIDs (include incremental numbers and/or letters at end):

16 RSMP353 -MTW 01 A 46.0 g
16 ____ -MTW 01 B 46.7 g
16 ____ -MTW 01 C 45.7 g
16 ____ -MTW 01 Z 20.7 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/7/16 Recorder(s): Carrie Lee, Jon Harris, Katie Kennedy

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: GIG HARBOR - BOAT LAUNCH

Site ID: PSS13175-000481

Assess mussels in each bag **Today's Date:** 2/7/16 **Recorder:** C. Vincent

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
732	1				14	15
733	1				15	16
740	1		1		14	16
718	1				15	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6701 **to** 6712

(numbers assigned by WDFW staff)

Recorder: L. Niewolny + J. Lanksbury

Today's Date: 2/7/16

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6701	733	51.94	Y		1.8	
02	↓	59.05	↓		2.8	
03	↓	60.97	↓		2.9	
04	732	54.06	↓		2.4	
05	↓	58.48	↓		2.7	
06	↓	57.50	↓		2.5	
07	740	58.61	↓		2.4	
08	↓	53.30	↓		2.3	
09	↓	51.65	No	Translucent	1.7	
10	718	64.09	Y		2.8	
11	↓	56.30	↓		2.3	
6712	↓	57.41	↓		2.6	
				Date & Time In Oven: 2/7/16 10:30AM	Date & Time Out of Oven: 2/10/16 1230 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Gig Harbor-Boat Launch

Site ID: PSS13175-000481 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/7/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16-8616 **to** 16-8647

Empty jar weight: / Full jar weight: / Total tissue weight: / (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8616	732	55.10	5.5		
8617		59.20	8.0		
8618		55.60	7.5		
8619		53.36	5.3		
8620		54.14	7.3		
8621		54.78	6.2		
8622		55.63	6.9		
8623		57.28	6.5		
8624	733	59.12	7.6		
8625		52.52	5.1		
8626		51.50	4.6		
8627		52.11	5.1		
8628		53.49	4.8		
8629		57.14	4.4		
8630		55.68	5.9		
8631	740	54.60	5.8		
8632		55.27	6.0		
8633		54.88	6.0		
8634		58.60	6.2		
8635		55.55	6.8		
8636		56.72	6.9		
8637		55.33	5.9		
8638		56.60	7.0		
8639		52.24	4.8		
8640	718	58.32	6.9		
8641		59.46	6.8		
8642		52.67	4.6		
8643		57.78	5.5		
8644		53.70	4.2		
8645		51.00	3.6		
8646		56.03	5.5		
8647		56.83	5.0		

SampleIDs (include incremental numbers and/or letters at end):
16 44.0 -MTW01 A
16 48.2 -MTW01 B
16 48.0 -MTW01 C
16 35.8 -MTW01 Z

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

16RSMP481-MTW01A, B, C, Z

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3-7-16 Recorder(s): Jan Harris

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Gig Harbor - Mulligan

Site ID: PSS13175-000625

Assess mussels in each bag **Today's Date:** 2/7/16 **Recorder:** RJF

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
729	6	—	—	—	10	16
725	3	—	—	—	13	16
742	3	—	1	—	12	16
736	6	—	—	—	10	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6737 **to** 6748

(numbers assigned by WDFW staff)

Recorder: JAL

Today's Date: 2/7/2016

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6737	736	64.65	Y		2.4	
38	736	55.30	Y		3.0	
39	736	53.88			2.5	
40	729	58.68			2.5	
41	729	56.18			2.5	
42	729	52.12			2.0	
43	742	52.97			2.1	
44	742	52.87			2.3	
45	742	55.46			2.2	
46	725	56.71			2.9	
47	725	56.37			2.4	
48	725	55.22			2.1	
				Date & Time In Oven: 2/7/16 0855 LN	Date & Time Out of Oven: LN 2/10/16 1230	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Gig Harbor - Mulligan

Site ID: PSS13175-000625 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/7/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8648 **to** 8679

Empty jar weight: ___ Full jar weight: ___ Total tissue weight: ___ (i.e. full jar - empty jar)

9.5
5.2
3

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads Y/N/Unk	Other Observations
8648	725	57.18	5.2		
8649	725	57.01	4.3		
8650	725	57.69	5.5		
8651	725	58.53	5.2		
8652	725	56.93	5.6		
8653	725	62.60	7.7		
8654	725	54.57	5.9		
8655	725	52.22	3.3		
8656	725	56.75	6.6		
8657	729	58.35	5.3		
8658	729	58.31	6.1		
8659	729	52.82	4.0		
8660	729	55.32	5.7		
8661	729	51.76	3.6		
8662	729	51.96	2.2		
8663	729	50.96	5.4		
8664	742	58.04	6.2		
8665	742	52.82	3.1		
8666	742	62.12	7.3		
8667	742	54.01	5.9		
8668	742	52.61	4.1		
8669	742	51.53	4.2		
8670	742	59.41	6.5		
8671	742	55.04	5.4		
8672	742	55.97	4.6		
8673	736	55.75	5.2		
8674	736	57.76	5.0		
8675	736	56.17	5.0		
8676	736	57.90	4.1		
8677	736	57.56	5.6		
8678	736	61.02	4.1		
8679	736	53.94	5.3		

SampleIDs (include incremental numbers and/or letters at end):
16 37.5 -MTW01A
16 47.3* -MTW01B
16 45.1 -MTW01C
16 14.5 -MTW01D

16RSMP625 - MTW01A, B, C, D

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/7/16 Recorder(s): Niewolny & Corrie Lee

Comments: * questions as to why this is apx. amt? Ask Carla Vincent, Pierce County.

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Browns Point - Wolverton

Site ID: PSS13175-000697

Assess mussels in each bag **Today's Date:** 2/7/2016 **Recorder:**

Bag # 716	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16
Bag # 715	Empty 5	Rotten	Gaping	Cracked	Alive 11	TOTAL 16
Bag # 720	Empty 3	Rotten	Gaping	Cracked	Alive 12	TOTAL 15
Bag # 719	Empty 1	Rotten	Gaping	Cracked	Alive 15	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6677 to 6688

(numbers assigned by WDFW staff)

Recorder: CL

Today's Date: 2/7/2016

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6677	719	52.29	Y		2.4	
78	719	54.75	Y		2.6	
79	719	49.95	N		1.9	
80	716	56.13	Y		2.5	
81	716	53.52	Y		2.3	
82	716	53.87	Y		2.1	
83	720	53.09	Y		2.3	
84	720	60.58	Y		2.5	
85	720	55.82	Y		2.3	
86	715	55.04	N		2.4	
87	715	58.07	Y		2.2	
88	715	55.84	Y		2.4	
✓				Date & Time In Oven: 2/7/2016 10:30 AM	Date & Time Out of Oven: 2/10/16 1230 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Browns Point - Wolverton

Site ID: PSS13175-000697 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/7/2016

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 8552 **to** 16 8583

Empty jar weight: / Full jar weight: / Total tissue weight: / (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8552	720	57.47	6.4		
8553		53.93	5.6		
8554		59.51	7.7		
8555		59.56	6.8		
8556		55.41	5.1		
8557		60.53	5.9		
8558		52.68	5.5		
8559		55.09	5.3		
8560	716	60.91	7.6		
8561		56.66	4.2		
8562		50.88	5.4		
8563		60.40	6.3		
8564		56.20	6.7		
8565		59.11	6.0		
8566		58.43	7.1		
8567		51.97	4.3		
8568	715	59.26	4.3		
8569		58.53	5.9		
8570		57.01	5.2		
8571		55.01	5.1		
8572		56.18	6.2		
8573		59.88	6.5		
8574		56.18	4.4		
8575		58.92	7.0		
8576	719	57.91	5.4		
8577		56.28	5.6		
8578		53.97	3.7		
8579		56.37	5.0		
8580		57.18	6.1		
8581		59.78	4.5		
8582		55.37	4.9		
8583		54.06	5.1		

SampleIDs (include incremental numbers and/or letters at end):
16 46.9 -MTW01 A
16 46.3 -MTW01 B
16 46.4 -MTW01 C
16 29.8 -MTW01 Z

16RSMP697- MTW01 A, B, C, Z

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/7/2016 Recorder(s): Corrie Lee, Jon Harris

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Browns Point - Carlson

Site ID: PSS13175-000953

Assess mussels in each bag **Today's Date:** 2/7/16 **Recorder:** Carla & Cory

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
611	3	1			12	16
751	3				12	15
730	~~3~~ 4	1			10	15
721	4				12	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 16-6713 **to** 16-6724

(numbers assigned by WDFW staff)

Recorder: L. Niewolny / J. Lanksbury

Today's Date: 2/7/16

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
16-6713	730	57.08	N		2.0	
14	↓	59.00	yes		2.4	
15	↓	53.59	yes		2.0	
16	721	52.66	yes		2.7	
17	↓	51.72	N		2.0	
18	↓	52.84	Y		2.2	
19	611	54.24	Y		2.8	
20	↓	52.96	N		1.9	
21	↓	50.44	Y	Cyst-Like Pouches on inside of shell	1.9	
22	651	55.37	Y		2.2	
23	↓	57.86	Y		2.9	
24	↓	55.29	Y		2.0	
				Date & Time In Oven: 2/7/2016 10:30AM	Date & Time Out of Oven: 2/10/16 1230 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Brown's Point - Carlson

Site ID: PSS13175-000953 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/7/2016

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16-8520 **to** 16-8551

~~Empty jar weight:~~ _____ ~~Full jar weight:~~ _____ ~~Total tissue weight:~~ _____ ~~(i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8520	751	53.60	5.8		
8521		55.56	6.1		
8522		57.91	5.6		
8523		53.92	6.3		
8524		59.04	7.8		
8525		55.13	5.4		
8526		61.19	5.8		
8527		53.69	5.4		
8528	611	56.36	5.5		
8529		57.75	7.3		
8530		56.10	5.3		
8531		55.29	5.7		
8532		52.52	~~5~~ 3.5		
8533		54.17	4.5		
8534		56.49	3.3		
8535		54.51	6.4		
8536		55.57	4.5		
8537	721	52.70	3.6		
8538		59.00	5.5		
8539		55.78	2.2		
8540		60.36	6.0		
8541		52.51	4.0		
8542		53.24	5.1		
8543		59.81	6.6		
8544		57.60	4.7		
8545	730	50.46	5.3		
8546		58.00	6.2		
8547		56.67	5.7		
8548		58.01	5.8		
8549		59.97	7.0		
8550		55.61	5.1		
8551		57.12	5.0		

SampleIDs (include incremental numbers and/or letters at end):
16 41.1 -MTW A
16 47.2 -MTW B
16 45.5 -MTW C
16 26.9 -MTW Z

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/7/2016 Recorder(s): Corrie Lee, Jon Harris

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: ~~Brackett's Landing~~ Edmonds Ferry

Site ID: CPS-EF

Assess mussels in each bag **Today's Date:** 2/6/2016 **Recorder:** Langness

Bag # 688	Empty 2	Rotten	Gaping	Cracked	Alive 14	TOTAL 16
Bag # 691	Empty 3	Rotten	Gaping	Cracked	Alive 12	TOTAL 15
Bag # 711	Empty 2	Rotten	Gaping	Cracked	Alive 14	TOTAL 16
Bag # 676	Empty 3	Rotten	Gaping	Cracked	Alive 12	TOTAL 15

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6749 **to** 6760

(numbers assigned by WDFW staff)

Recorder: R. Fisk / P. Biondo

Today's Date: 2/6/2016

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6749	691	55.27	Y		2.6	
6750	691	51.02	Y		1.9	
6751	691	57.32	Y		2.6	
6752	711	56.53	Y		2.1	
6753	711	56.28	Y		2.6	
6754	711	54.55	Y		2.3	
6755	676	50.80	Y		2.1	
6756	676	51.87	Y		2.1	
6757	676	54.35	Y		2.1	
6758	688	54.22	Y		2.1	
6759	688	53.11	Y		2.6	
6760	688	58.51	Y		2.3	
				Date & Time In Oven: 2/6/16 1700 LAN	Date & Time Out of Oven: 2/8/16 LN 1700	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Edmonds Ferry

Site ID: CPS_EF (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7304 **to** 7335

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
7304	676	55.43	6.2		
05		55.87	7.2		
06		57.24	6.2		
07		55.31	5.2		
08		60.44	5.4		
09		60.37	7.7		
10		54.57	5.2		
11		52.42	3.2		
7312	688	53.75	5.7		
13		60.30	5.2		
14		53.46	6.2		
15		51.51	4.5		
16		59.17	4.2		
17		51.13	5.2		
18		56.00	4.8		
19		54.60	7.0		
7320	691	55.89	3.8		
21		50.99	4.6		
22		55.84	5.5		
23		55.42	5.9		
24		58.15	5.4		
25		56.91	6.3		
26		53.27	5.0		
27		56.55	5.3		
7328	711	57.14	6.1		
29		50.65	3.0		
30		60.10	5.7		
31		58.63	5.7		
32		57.95	5.4		
33		57.61	5.4		
34		57.50	4.9		
7335		56.13	3.9		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 48.1 (g)
16 01B -MTW 50.0 (g)
16 01C -MTW 48.2 (g)
16 01Z -MTW 13.6 (g)

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/26/16 Recorder(s): PM Campbell

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG Port Madison,

Site Name: Hidden Cove

Site ID: CPS-HCV

Assess mussels in each bag **Today's Date:** 2/8/16 **Recorder:** Cecilia Walters

Bag # 703 Empty 3 Rotten 1 Gaping ____ Cracked ____ Alive 12 TOTAL 16

Bag # 707 Empty 1 Rotten ____ Gaping ____ Cracked ____ Alive 15 TOTAL 16

Bag # 700 Empty 3 Rotten ____ Gaping ____ Cracked ____ Alive 13 TOTAL 16

Bag # 705 Empty 2 Rotten ____ Gaping ____ Cracked ____ Alive 14 TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6017 **to** 6028

(numbers assigned by WDFW staff)

Recorder: KATIE KENNEDY

Today's Date: 2/8/2016

Recorder: R. FISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6017	703	58.99	Y		2.5	
6018	703	59.91	N		2.1	
6019	703	56.27	Y		2.4	
6020	707	61.23	Y		3.1	
~~6021~~	~~707~~	~~N/A~~		mussels were shucked before shell length was taken		
~~6022~~	~~707~~	~~N/A~~		mussels were shucked before shell length was taken		
6023	700	54.83	Y		3.0	
6024	700	57.02	Y		2.6	
6025	700	51.83	Y		2.0	
6026	705	55.14	Y		2.6	
~~6027~~	~~705~~	~~N/A~~		mussels were shucked before shell length was taken		
~~6028~~	~~705~~	~~N/A~~		mussels were shucked before shell length was taken		
				Date & Time In Oven: 2/8/16 16:30 yes LAN	Date & Time Out of Oven: 2/16/16 1429	

Comments:

Created: LAN 12/2012

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Hidden Cove

Site ID: CPS_HCV (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 8040 **to** 16 8071

~~Empty jar weight:~~ _____ ~~Full jar weight:~~ _____ ~~Total tissue weight:~~ _____ ~~(i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
8040	705	55.92	5.4		
8041		53.64	5.8		
8042		57.79	7.6		
8043		57.38	6.8		
8044		56.13	5.8		
8045		58.11	6.8		
8046		58.03	6.2		
8047		52.41	5.3		
8048	707	58.41	8.3		
8049		52.99	4.8		
8050		59.63	7.0		
8051		58.19	6.0		
8052		53.94	6.0		
8053		57.31	7.5		
8054		58.56	6.0		
8055		51.51	5.6		
8056	703	55.58	6.0		
8057		55.42	4.8		
8058		54.75	5.4		
8059		51.57	4.7		
8060		57.06	7.1		
8061		53.79	5.3		
8062		59.34	6.0		
8063		59.20	5.7		
8064	700	51.97	3.9		
8065		54.16	5.5		
8066		51.32	4.2		
8067		54.59	6.7		
8068		62.33	9.6		
8069		53.36	5.4		
8070		58.60	6.8		
8071		54.95	5.9		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 47.9 (g)
16 01B -MTW 47.8 "
16 01C -MTW 45.0 "
16 01~~2~~ -MTW 37.4

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 | Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Manchester, Stormwater Outfall

Site ID: CPS_MAS0

Assess mussels in each bag **Today's Date:** 2/8/16 **Recorder:** RJF

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
753	1				15	16
627	1				15	16
741	1				15	16
717	2				~~15~~ 14	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5885 **to** 5896

(numbers assigned by WDFW staff)

Recorder: L. Niewolny

Today's Date: 2/8/16

Recorder: R. Fisk

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5885	~~717~~ 627	58.39	yes		2.6	
86	↓	52.41	↓		1.8	
87	↓	53.26	↓		2.3	
88	741	55.34	↓		2.5	
89	↓	58.49	↓		2.5	
90	↓	60.11	↓		2.6	
91	753	51.38	↓		2.0	
92	↓	54.57	↓		2.7	
93	↓	52.14	↓		2.4	
94	717	58.40	↓		2.7	
95	↓	51.04	↓		2.0	
96	↓	57.75	↓		2.7	
				Date & Time In Oven: 2/8/16 LN 1400	Date & Time Out of Oven: 2/16/16 0937	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Manchester stormwater outfall

Site ID: CPS - MA50 (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/2016

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7688 **to** 7719

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7688	717	55.53	5.7		
89		56.66	7.4		
7690		58.32	8.2		
91		55.01	7.9		
92		58.49	9.5		
93		52.59	5.2		
94		52.92	6.9		
95		59.25	9.0		
96	741	52.61	3.5		
97		55.50	7.8		
98		51.94	6.1		
99		53.67	5.2		
7700		54.71	6.8		
7701		50.39	6.8		
02		57.28	4.6		
03		56.95	8.6		
04	753	58.92	9.1		
05		~~60.10~~ 54.40	6.0		empty shell - replaced
06		56.69	6.7		
07		52.65	5.2		
08		54.84	6.4		
09		58.29	8.1		
7710		50.54	6.3		
11		53.21	6.1		
12	627	~~54.58~~ 52.76	9.7		~~shell is empty~~
13	627	59.25	4.3		
14		54.19	4.6		
15		52.87	5.5		
16		53.91	6.6		
17		55.98	4.8		
18		55.96	5.8		
19		54.93	4.6		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW - 45.6g
16 01B -MTW - 45.4g
16 01C -MTW - 51.4g
16 01D -MTW - 51g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: Recorder(s): Amanda Phillips

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Point No Point

Site ID: CPS-PNP

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** Brandon Osterlund

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
585	2			1	13	16
590	2				14	16
589	6				9	15
595			1		15	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6053 **to** 6064

(numbers assigned by WDFW staff)

Recorder: Jim Waterman

Today's Date: 2/9/2016

Recorder: R. FISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6053	595	55.22	Y		2.3	
6054	595	54.34	Y		2.5	
6055	595	53.46	Y		2.4	
6056	589	53.82	Y		2.1	
6057	590	58.39	Y		3.0	
6058	590	51.94	Y		2.3	
6059	590	60.44	Y		2.9	
6060	585	52.06	Y		1.7	
6061	585	58.82	Y		3.0	
6062	585	54.92	Y		2.6	
—						
—						
				Date & Time In Oven: 2/9/16 2:00pm	Date & Time Out of Oven: 2/16/16 1447	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Point No Point

Site ID: CPS – PNP (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 8008 **to** 16 8039

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8008	585	59.26	8.1		
8009		55.03	5.5		
8010		55.22	6.3		
8011		52.15	4.5		
8012		56.02	5.6		
8013		52.09	4.7		
8014		51.78	6.0		
8015		54.46	5.8		
8016	589	55.45	5.5		
8017		52.00	5.3		
8018		53.28	5.4		
8019		54.99	6.4		
8020		61.55	9.2		
8021		54.18	5.4		
8022		53.87	5.8		
8023		54.49	5.3		
8024	590	53.87	5.2		
8025		53.73	5.8		
8026		~~55~~ 52.52	5.0		
8027		53.07	5.6		
8028		59.77	8.0		
8029		58.45	7.0		
8030		59.37	6.9		
8031		58.50	7.2		
8032	595	54.42	7.2		
8033		54.01	5.7		
8034		58.57	6.3		
8035		56.94	6.7		
8036		53.72	7.0		
8037		56.85	6.2		
8038		52.18	4.8		
8039		58.14	7.5		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW – 45.2 (g)
16 01B -MTW – 45.2 "
16 01C -MTW – 45.1 "
16 01Z -MTW – 46.0 "

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Quarter Master Harbor

Site ID: CPS_QMH

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** Aerin Medlock

Bag # 859 Empty 1 Rotten ____ Gaping ____ Cracked ____ Alive 15 TOTAL 16

Bag # 857 Empty 4 Rotten ____ Gaping ____ Cracked 1 Alive 10 TOTAL 15

Bag # 858 Empty 4 Rotten ____ Gaping ____ Cracked ____ Alive 11 TOTAL 15

Bag # 869 Empty 4 Rotten ____ Gaping ____ Cracked ____ Alive 12 TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6137 **to** 6148

(numbers assigned by WDFW staff)

Recorder: Jessica Demetro Stowe

Today's Date: 2/9/16

Recorder: RJFISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6137	869	62.57	Y		3.5	
~~85~~ 6138	869	52.21	Y		2.0	
6139	869	57.12	Y		2.4	
6140	857	59.76	Y		2.6	
6141	857	66.14	Y		3.2	
6142	858	64.28	Y		3.1	
6143	858	57.58	Y		2.5	
6144	858	56.51	Y		2.4	
6145	859	54.91	Y		2.2	
6146	859	58.45	Y		1.8	
6147	859	66.67	Y		2.9	
~~6148~~	~~859~~	—				
				Date & Time In Oven: 2/9/16 16:40	Date & Time Out of Oven: 2/16/16 1552	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Quartermaster Harbor

Site ID: CPS_QMH (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8104 **to** 8135

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8104	869	60.48	9.5		
8105		54.80	6.8		
8106		64.73	12.0		
8107		58.73	8.2		
8108		56.03	6.3		
8109		66.15	10.7		
8110		54.34	8.8		
8111		57.14	8.0		
8112	859	63.94	9.0		
8113		61.39	9.8		
8114		61.42	9.1		
8115		59.69	8.2		
8116		62.05	10.2		
8117		53.27	6.8		
8118		53.34	5.7		
8119		58.73	7.2		
8120	858	58.67	7.2		
8121		64.15	9.9		
8122		54.76	4.8		
8123		53.97	4.8		
8124		59.79	5.9		
8125		63.77	7.6		
8126		56.30	7.1		
8127		64.92	10.0		
8128	857	61.98	7.2		
8129		62.27	10.8		
8130		63.31	7.7		
8131		62.16	7.6		
8132		63.70	7.1		
8133		56.38	5.9		
8134		63.54	7.5		
8135		55.29	6.5		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.7
16 01B -MTW 48.6
16 01C -MTW 48.6
16 01Z -MTW 55.0

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 | Recorder(s): Rob F. / Tracey S.

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Salmon Bay

Site ID: ~~Sato~~ RJF ~~[illegible]~~ CPS_SB

Assess mussels in each bag **Today's Date:** 2/10/16 **Recorder:** Cecilia Walters

Bag # 748	Empty 2	Rotten	Gaping	Cracked	Alive 14	TOTAL 16
Bag # 744	Empty 1	Rotten	Gaping	Cracked	Alive 15	TOTAL 16
Bag # 734	Empty 2	Rotten	Gaping	Cracked	Alive 14	TOTAL 16
Bag # 722	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6221 **to** 6232

(numbers assigned by WDFW staff)

Recorder: Laurie Niewolny / Rob Fisk

Recorder: RJFISK

Today's Date: 2/10/16

Today's Date: 2/16/16

All mussels looked very ripe to spawn! (*)

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk.)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6221	722	54.27	Y (Uber enlarged)		2.2	
6222	↓	56.29			2.7	
6223	↓	51.75		Noted extra "gonad lobe" - see picture	2.8	
6224	748	55.68			2.5	
6225	↓	55.92			2.3	
6226	↓	62.52			2.5	
6227	744	53.00			1.8	
6228	↓	56.18			2.4	
6229	↓	57.01			2.6	
6230	734	56.44			2.4	
6231	↓	62.23			2.6	
6232	↓	62.26			3.1	
				Date & Time In Oven: 2/10/16 2:00pm	Date & Time Out of Oven: 2/16/16 1619	

Comments:

Ovens turned off @ 0750 on 2/16/16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Salmon Bay

Site ID: CPS-SB (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/2/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 8232 **to** 16 8263

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
8232	722	58.74	11.5		
8233		62.76	13.4		
8234		57.22	7.9		
8235		60.68	10.5		
8236		58.42	10.0		
8237		54.41	9.3		
8238		56.57	8.5		
8239		53.27	5.6		
8240	734	60.46	10.0		
8241		61.87	11.7		
8242		55.57	6.9		
8243		57.87	7.5		
8244		56.63	3.5		
8245		54.41	6.0		
8246		59.36	9.6		
8247		57.11	7.5		
8248	744	59.78	7.4		
8249		55.37	9.0		
8250		57.35	8.1		
8251		56.16	7.6		
8252		58.86	8.1		
8253		55.34	7.6		
8254		59.98	8.8		
8255		58.66	6.0		
8256	748	51.10	3.9		
8257		50.28	2.7		
8258		57.13	6.7		
8259		59.24	7.0		
8260		54.31	8.1		
8261		56.58	4.3		(length 56.58)
8262		55.67	6.7		
8263		56.94	7.8		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 49.7
16 01B -MTW 45.6
16 01C -MTW 45.4
16 01Z -MTW 49.8

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/2/16 | Recorder(s): T. Scalici

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Shil Shole Bay

Site ID: CPS_SHLB

Assess mussels in each bag **Today's Date:** 2·11·16 **Recorder:** T. Scalici

Bag # 856	Empty 7	Rotten	Gaping	Cracked	Alive 9	TOTAL 16
Bag # 653	Empty 4	Rotten	Gaping	Cracked	Alive 12	TOTAL 16
Bag # 635	Empty	Rotten	Gaping	Cracked	Alive ~~12~~ 16	TOTAL 16
Bag # 645	Empty 3	Rotten	Gaping 1	Cracked	Alive 12	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6461 **to** 6470

(numbers assigned by WDFW staff)

Recorder: Marko Langness / Laurie Niemoiny

Today's Date: 2/11/2016

Recorder: Jennifer Welch

Today's Date: 2/22/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6461	856	62.22	Y		2.9	
6462	653	54.21	Y		2.1	
6463	653	61.65	Y		2.8	
6464	653	61.40	Y		3.0	
6465	645	62.84	Y		2.9	
6466	645	58.04	Y		2.3	
6467	645	56.24	Y		2.2	
6468	635	64.23	Y		2.9	
6469	635	55.15	Y		2.0	
6470	635	61.57	Y		3.0	
				Date & Time In Oven: 2/11/16 15:15	Date & Time Out of Oven: 2/22/16 9:16	

Comments: * ovens turned off @ 0750 on 2/~~22~~/16 16

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Shilshole Bay

Site ID: CPS - SHLB (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/2/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8360 **to** 8391

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
8360	645	57.73	8.6		
8361		59.02	8.0		
8362		63.08	7.7		
8363		59.27	7.1		
8364		57.53	6.9		
8365		61.41	6.0		
8366		57.14	7.3		
8367		55.32	2.9		
8368	653	54.50	5.0		
8369		60.62	7.8		
8370		65.20	7.1		
8371		59.45	7.6		
8372		59.41	6.8		
8373		58.95	6.1		
8374		55.56	5.1		
8375		62.49	7.1		
8376	635	60.50	4.7		
8377		54.81	5.3		
8378		57.00	4.7		
8379		61.39	5.9		
8380		51.70	4.6		
8381		56.30	4.2		
8382		60.17	7.3		
8383		60.09	5.2		
8384	856	56.35	4.9		
8385		56.18	5.2		
8386		56.08	5.3		
8387		61.33	7.1		
8388		61.35	6.2		
8389		57.15	5.8		
8390		61.03	7.3		
8391		59.49	7.1		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.4
16 01B -MTW 45.5
16 01C -MTW 45.7
16 01Z -MTW 47.7

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/2/16 Recorder(s): Mariko Langness / Colleen Suter

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: ~~Sno~~ Suquamish, Stormwater Outfall

Site ID: CPS SQ50

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** Biondo

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
615	3		1		12	16
619	3				13	16
628	1		2		13	16
619	3				13	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6125 **to** 6136

(numbers assigned by WDFW staff)

Recorder: T. Scalici

Today's Date: 2/9/16

Recorder: RJFISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6125	628	54.97	Y		2.6	
6129	628	58.53	Y		2.7	
6123	628	53.25	Y		2.2	
6128	615	56.92	Y		2.6	
6129	615	55.39	Y		2.4	
6128	615	54.60	Y		2.7	
6131	616	58.87	Y		2.9	
6132	616	58.78	Y		2.3	
6133	616	53.71	Y		2.0	
6134	619	60.01	Y		3.0	
6135	619	64.61	Y		2.9	
6136	619	60.50	Y		2.8	
				Date & Time In Oven: 2/9/16 16:20	Date & Time Out of Oven: 2/16/16 1543	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Suquamish Stormwater Outfall

Site ID: CPS - SQSO (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/18/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 168744 **to** 168775

~~Empty jar weight:~~ _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8744	619	57.02	3.7		
8745		56.84	2.0		
8746		55.37	6.5		
8747		58.96	6.5		
8748		50.95	6.5		
8749		55.65	5.0		
8750		52.58	5.2		
8751		51.24	6.8		
8752	615	54.54	5.6		
8753		55.25	4.6		
8754		52.90	5.1		
8755		54.31	4.7		
8756		52.71	5.5		
8757		54.02	3.9		
8758		54.14	5.2		
8759		55.65	5.8		
8760	628	57.38	7.1		
8761		54.40	6.6		
8762		51.02	5.5		
8763		57.20	5.3		
8764		61.15	4.9		
8765		54.55	6.3		
8766		55.17	5.9		
8767		57.43	5.2		
8768	616	56.79	6.5		
8769		51.01	2.9		
8770		54.65	4.5		
8771		58.04	4.7		
8772		57.88	6.2		
8773		57.18	6.4		
8774		59.55	6.5		
8775		57.68	4.8		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 45.4
16 01B -MTW 45.6
16 01C -MTW 45.3
16 01Z -MTW 20.9

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/18/16 Recorder(s): Marikka Langness

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Elliott Bay - Myrtle Edwards

Site ID: EB_ME

Assess mussels in each bag **Today's Date:** 2/10/2016 **Recorder:** SAL

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
743	3				13	16
746	4				12	16
714/752	4		1		9	14
714/752	1				15	16

Tags fell off when in Ziplock together

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6233 **to** 6244

(numbers assigned by WDFW staff)

Recorder: C. Niewolny

Today's Date: 2/10/16

Recorder: RJ FISK

Today's Date: 2/17/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6233	714/752	53.12	Y		2.4	
34		54.02			2.3	
35		53.15			2.3	
36		54.85			2.3	
37		56.83			2.3	
38		53.99			2.3	
39	746	54.18			2.4	
40	746	57.38			1.9	
41	746	57.22			2.4	
42	743	54.77			2.3	
43	743	~~52.01~~ 52.01			2.4	
44	743	58.42			2.7	
				Date & Time In Oven: 2/10/16 14:45	Date & Time Out of Oven: 2/17/16 0829	

Comments:

Ovens turned off on 2/16/16 @ 0750

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Elliot Bay

Site ID: EB-ME (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7336 **to** 7367

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7336	714/752	57.57	7.4		Empty; New mussel 50.96mm 6.3g
37		~~54.72~~	—		↓ ↓ ↓ ↓
38		51.42	5.4		
39		53.12	6.5		
40		57.40	8.4		
41		53.96	5.6		
42		51.38	4.2		
43		55.44	5.7		
7344	714/752	55.91	6.7		
45		58.54	6.1		
46		56.58	5.7		
47		53.53	5.9		
48		56.13	5.7		
49		57.17	5.9		
50		60.16	6.8		
51		53.49	6.0		
7352	746	55.24	5.8		
53		54.26	5.8		
54		51.99	3.6		
55		55.54	5.7		
56		51.63	4.7		
57		50.44	4.7		
58		54.08	5.1		
59		54.25	4.3		
7360	743	58.82	7.3		
61		52.00	5.1		
62		54.26	5.1		
63		54.86	5.5		
64		56.76	7.2		
65		51.23	4.9		
66		59.59	7.5		
7367		58.82	6.1		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 49.3g
16 01B -MTW 49.9g
16 01C -MTW 49.3g
16 01Z -MTW 28.9g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/26/16 Recorder(s): PMCampbell

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Fisherman's Point

Site ID: HC_FP

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** Jessica Demetro Stowe

Bag # 709	Empty —	Rotten —	Gaping —	Cracked —	Alive 16	TOTAL 16
Bag # 710	Empty 3	Rotten —	Gaping —	Cracked —	Alive 12	TOTAL 15
Bag # 592	Empty 1	Rotten 1	Gaping —	Cracked —	Alive 15	TOTAL 17
Bag # 587	Empty —	Rotten —	Gaping —	Cracked —	Alive 16	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6077 **to** 6088

(numbers assigned by WDFW staff)

Recorder: Mariko Langness + Jessica Demetro Stowe

Recorder: R. FISK

Today's Date: 2/9/2016

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6077	587	55.34	Y		2.9	
6078	587	63.80	Y		2.7	
6079	587	56.11	Y		2.4	
6080	710	55.30	Y		2.6	
6081	710	58.23	Y		2.9	
6082	710	59.04	Y		2.7	
6083	709	59.24	Y		2.8	
6084	709	51.86	Y		2.8	
6085	709	54.58	Y		2.3	
6086	592	56.96	Y		2.3	
6087	592	58.65	Y		2.3	
6088	592	59.47	Y		2.9	
				Date & Time In Oven: 2/9/16 15:00	Date & Time Out of Oven: 2/16/16 1307	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Fishermans Point

Site ID: 17C - FP (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7432 **to** 7463

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7432	709	61.25	6.10		
7433	709	62.70	9.90		
7434	709	56.12	6.30		
7435	709	57.50	8.50		
7436	709	56.06	5.80		
7437	709	54.94	4.70		
7438	709	59.09	6.90		
7439	709	58.63	6.10		
7440	710	52.88	5.80		
7441	710	52.52	4.40		
7442	710	53.68	4.40		
7443	710	61.24	8.10		
7444	710	56.87	6.60		
7445	710	53.81	5.90		
7446	710	59.71	5.20		
7447	710	60.13	6.10		
7448	587	~~51.68~~	~~6.40~~		rotten - 53.26mm / 6.40g
7449	587	54.25	5.10		
7450	587	59.48	8.00		
7451	587	50.47	5.10		
7452	587	63.18	10.20		
7453	587	58.43	8.50		
7454	587	56.09	6.10		
7455	587	54.26	5.00		
7456	592	57.21	6.50		
7457	592	52.24	4.90		
7458	592	59.15	8.60		
7459	592	55.24	5.90		
7460	592	54.94	5.20		
7461	592	56.36	4.80		
7462	592	58.13	7.90		
7463	592	55.35	6.00		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW- 45.70 g
16 01B -MTW- 48.70 g
16 01C -MTW- 48.80 g
16 01Z -MTW- 48.60 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/29/16 Recorder(s): Jennifer Welch

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Hood canal, holly

Site ID: ~~Hood canal, holly~~ HC-HO

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** Biondo

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
932	3				13	16
919	3				12	15
918	2				14	16
937	3				12	15

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6065 **to** 6076

(numbers assigned by WDFW staff)

Recorder: J. Lanksbury

Today's Date: 2/9/16

Recorder: R. Fisk

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6065	919	63.78	Y		2.8	
66	919	52.60			2.2	
67	919	52.53			2.1	
68	932	57.52			2.4	
69	932	59.09			2.8	
70	932	60.29			2.6	
71	918	56.97			2.7	
72	918	51.87	N		1.7	
73	918	58.40	Y		2.3	
74	937	57.39			2.2	
75	937	61.91			3.1	
76	937	60.01			2.8	
				Date & Time In Oven: 2/9/16 2:00pm	Date & Time Out of Oven: 2/16/16 1449	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Hood canal, Holly

Site ID: HC-HO (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** Feb 29, 2016

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 7528 **to** 7559

~~Empty jar weight:~~ ~~Full jar weight:~~ ~~Total tissue weight:~~ ~~(i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7528	918	63.31	7.6		
7529	918	58.29	6.7		
7530	918	56.71	6.2		
7531	918	55.56	5.2		
7532	918	57.90	11.3		
7533	918	58.87	5.8		
7534	918	61.26	7.3		
7535	918	57.88	13.6		
7536	919	58.73	6.6		
7537	919	57.45	5.9		
7538	919	59.05	6.6		
7539	919	55.70	5.4		
7540	919	56.60	7.8		
7541	919	56.66	4.5		
7542	919	52.48	4.5		
7543	919	61.56	8.5		
7544	932	61.55	7.6		
7545	932	53.17	2.4		
7546	932	55.53	4.7		
7547	932	56.46	4.7		
7548	932	51.08	4.0		
7549	932	56.46	5.8		
7550	932	56.65	6.2		
7551	932	53.86	4.7		
7552	937	53.92	4.3		
7553	937	56.61	6.0		
7554	937	56.75	6.9		
7555	937	55.54	5.4		
7556	937	58.14	5.7		
7557	937	61.00	8.7		
7558	937	57.16	4.9		
7559	937	53.08	3.6		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 46.6
16 01B -MTW ~~46~~ 47.0
16 01C -MTW 46.3
16 01Z -MTW 32.9

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2-29-16 Recorder(s): Michelle Pena-Ortiz, Melissa Sanchez

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Little Squalicum (Bellingham Bay)

Site ID: NPS_BLSC

Assess mussels in each bag **Today's Date:** 2/9/2016 **Recorder:** Tim Determan

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
929	6	—	—	—	10	16
935	5	—	—	—	11	16
927	2				14	16
916	6	—	—	—	10	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6101 **to** 6112

(numbers assigned by WDFW staff)

Recorder: T. Scalici

Recorder: T. Scalici R. Fisk

Today's Date: 2/9/16

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6101	916	54.04	Y		2.0	
6102	916	54.73	N		1.7	
6103	916	57.82	Y		2.2	
6104	927	53.93	Y		2.5	
6105	927	58.04	Y		2.5	
6106	927	53.90	Y		2.5	
6107	935	52.98	Y		1.9	
6108	935	52.89	Y		2.5	
6109	935	55.24	Y		2.4	
6110	929	56.14	N		2.4	
6111	929	59.60	Y		2.9	
6112	929	53.69	Y		2.4	
				Date & Time In Oven: 2/9/2016 15:35	Date & Time Out of Oven: 2/16/16 1524	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Bellingham Bay

Site ID: NPS-BLSC (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2.24.16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 166825 **to** 166856

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
56					
6857 ~~6825~~	929	57.0	7.3		
58 ~~6826~~	929	53.58	6.2		
59 ~~6827~~	929	49.11	6.7		
60 ~~6828~~	929	51.60	4.0		
6861 ~~6829~~	929	57.94	7.8		
62 ~~6830~~	929	58.20	7.1		
63 ~~6831~~	929	57.02	5.0		
64 ~~6832~~	927	57.70	6.0		
65 ~~6833~~	927	58.14	7.1		
66 ~~6834~~	927	56.20	5.7		
67 ~~6835~~	927	53.21	6.8		
68 ~~6836~~	927	58.38	7.8		
69 ~~6837~~	927	59.36	8.1		
70 ~~6838~~	927	53.12	5.7		
6871 ~~6839~~	927	55.10	4.3		
72 ~~6840~~	927	57.48	7.7		
73 ~~6841~~	~~927~~	56.67	6.3		
74 ~~6842~~	916	56.49	4.2		
75 ~~6843~~	916	56.67	7.5		
76 ~~6844~~	916	52.39	5.1		
77 ~~6845~~	916	55.39	7.4		
78 ~~6846~~	916	54.64	5.1		
79 ~~6847~~	916	54.15	6.5		
80 ~~6848~~	~~916~~	51.50	5.1		
6881 ~~6849~~	935	53.03	6.5		
82 ~~6850~~	935	58.13	5.9		
83 ~~6851~~	935	55.36	6.5		
84 ~~6852~~	935	53.35	4.4		
85 ~~6853~~	935	56.21	6.8		
86 ~~6854~~	935	52.64	5.3		
87 ~~6855~~	935	60.51	6.8		
88 6856	935	59.58	7.7		

SampleIDs (include incremental numbers and/or letters at end):
16 NPS-BLSC-MTW01A-39.3
16 NPS-BLSC-MTW01B-48.0
16 NPS-BLSC-MTW01C-46.3
16 NPS-BLSC-MTW01Z-33.8

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2.24.16 | Recorder(s): Tscalici, Colleen Suter

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Cherry Pt. Aq. ~~Reserve~~ Reserve 4, Conoco Phillips

Site ID: NPS-OCPAR4

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** RJFISK

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
908*	5				11	16
940*	4				12	16
905	3				12	15
906	4				12	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
*Bag tags 940 + 908 not attached to mussel bags. Combined 908 + 940 in same pie tin, then randomly selected for tissue chemistry + Condition Index.
About two cups of ice H_2O discovered in 1 of 2 ziploc bag with mussels inside (908 + 906)

CONDITION INDEX LOG - Fish ID# range: 6161 **to** 6172
(numbers assigned by WDFW staff)

Recorder: Jessica Demetro Stowe					Recorder: RJFISK	
Today's Date: 2/9/16					Today's Date: 2/16/16	
Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6161	908	56.34	Y		2.9	
6162	908	56.20	Y		2.6	
6163	908	54.93	Y	Black calcifications in shell	2.3	
6164	940	56.03	Y		2.3	
6165	940	62.67	Y		3.3	
6166	940	53.28	Y		2.3	
6167	906	51.07	Y		2.2	
6168	906	57.16	Y		2.9	
6169	906	59.46	Y		2.1	
6170	905	53.07	Y		2.3	
6171	905	51.56	Y		2.1	
6172	905	55.09	Y		2.6	
				Date & Time In Oven: 2/9/16 16:40	Date & Time Out of Oven: 2/16/16 1555	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Cherry Pt. Reserve 4

Site ID: NPS - CPAR4 (use LAST 3 DIGITS of SiteID for SampleID, below)

Today's Date: 2/25/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7016 **to** 7047

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7016	905	53.84	6.4		
17		56.99	8.2		
18		53.93	5.0		
19		50.88	4.7		
7020		54.30	6.2		
21		53.71	6.4		
22		52.33	5.0		
23		55.87	6.6		
24	906	55.14	5.5		
25		59.56	7.1		
26		59.80	8.6		
27		56.65	7.4		
28		58.35	6.3		
29		51.21	4.3		
7030		52.61	3.7		
31		54.98	4.5		
* 32	908	53.23	4.4		*908/940 Same bag # see Bio Notes
33		51.99	4.9		
34		54.65	6.6		
35		51.69	5.5		
36		57.18	7.0		
37		56.58	6.6		
38		56.56	4.5		
39		53.20	4.7		
* 7040	908	53.46	6.0		*908/940 Same bag # see Bio Notes
41		53.72	4.1		
42		~~56.37~~	4.4		Rotten mussel, replaced with extra New length 50.13
43		56.47	9.0		
44		57.45	6.1		
45		57.28	5.5		
46		55.39	5.4		
7047		51.15	4.4		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.8
16 01B -MTW 45.7
16 01C -MTW 46.8
16 01Z -MTW 21.4

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/25/16 Recorder(s): RJ FISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Drayton Harbor, California Creek

Site ID: NPS_DHCC

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** Tim Determan

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
939	3	—	—	—	13	14
933	3	1	—	—	11	15 (bagger killed one)
934	4	—	—	—	11	15
922	5	—	—	—	11	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log): Roughly 470 mL of ice H_2O discovered in Ziploc containing mussels - bag #'s 933 + 939 - RJF

CONDITION INDEX LOG - Fish ID# range: 6185 **to** 6196
(numbers assigned by WDFW staff)

Recorder: Mariko Langness

Today's Date: 2/9/16

Recorder: RJFISK

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6185	922	60.72	Y		2.8	
86	922	57.80	Y		2.8	
87	922	59.67	Y		2.5	
88	934	55.70	Y		2.5	
89	934	61.85	Y		3.3	
90	934	55.57	Y		2.1	
91	933	54.99	Y		2.3	
92	933	55.73	Y		2.4	
93	—			No mussel		
94	939	59.94	Y		2.8	
95	939	57.40	Y		3.0	
96	939	58.27	Y		2.4	
				Date & Time In Oven: 2/9/16 16:45	Date & Time Out of Oven: 2/16/16 1558	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Drayton Harbor, California Creek

Site ID: NPS_DHCC (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7208 **to** 7239

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7208	922	56.34	7.8		
09		53.34	6.1		
10		55.15	8.2		
11		54.70	5.5		
12		54.41	6.8		
13		57.59	6.0		
14		54.81	3.8		
15		55.64	5.5		
7216	933	56.79	5.3		
17		59.30	6.3		
18		55.24	5.8		
19		55.04	4.9		
20		55.39	6.6		
21		56.56	5.7		
22		61.59	8.7		
23		55.37	6.4		
7224	939	58.50	5.4		
25		53.66	5.1		
26		54.30	4.9		
27		52.37	5.0		
28		55.49	5.9		
29		53.30	4.3		
30		56.54	5.0		
31		52.33	4.5		
7232	934	54.75	5.9		
33		60.41	7.2		
34		54.96	4.5		
35		56.46	6.0		
36		58.46	7.3		
37		54.93	6.5		
38		57.95	6.3		
7239		58.42	6.0		

SampleIDs (include incremental numbers and/or letters at end):
16 01A -MTW 49.7 g
16 01B -MTW 49.1 g
16 01C -MTW 49.7 g
16 01Z -MTW 28.4 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/26/16 Recorder(s): PM Campbell

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Fidalgo Bay - Weaverling Spit

Site ID: NPS - FBAR

Assess mussels in each bag **Today's Date:** 2/10/16 **Recorder:** Cecilia Walters

Bag # 861 Empty 3 Rotten ____ Gaping ____ Cracked ____ Alive 13 TOTAL 16

Bag # 862 Empty 4 Rotten ____ Gaping ____ Cracked ____ Alive 12 TOTAL 16

Bag # 860 Empty ____ Rotten 1 Gaping ____ Cracked ____ Alive 15 TOTAL 16

Bag # 872 Empty 6 Rotten ____ Gaping ____ Cracked ____ Alive 10 TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
872 - only 2 for conditioning

CONDITION INDEX LOG - Fish ID# range: 6413 **to** 6424
(numbers assigned by WDFW staff)

Recorder: Mariko Langness

Today's Date: 2/10/16

Recorder: Jennifer Welch

Today's Date: 2/22/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6413	860	54.53	Y		2.5	
6414	860	53.47	Y		2.4	
6415	860	56.67	Y		2.4	
6416	861	60.15	Y		2.9	
6417	861	55.99	Y		2.4	
6418	861	59.21	Y		2.2	
6419	862	57.65	Y		2.3	
6420	862	57.46	Y		3.0	
6421	862	60.81	Y		3.2	
6422	872	56.10	Y		2.1	
6423	872	53.31	Y		2.8	
				Date & Time In Oven: 2/10/16 1600	Date & Time Out of Oven: 2/22/16 8:41	

Comments: * ovens turned off @ 0750 on 2/22/16

16

Created: LAN 12/2012

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Fidalgo Bay

Site ID: NPS - FBAR (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/26/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7400 **to** 7431

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7400	872	59.54	6.6		
01		60.37	7.2		
02		56.99	8.1		
03		54.58	7.6		
04		57.83	6.8		
05		53.14	6.2		
06		57.50	7.2		
07		53.36	6.1		
7408	860	57.31	6.6		
09		60.97	8.0		
10		52.79	5.6		
11		52.80	5.3		
12		55.69	6.7		
13		57.07	8.4		
14		57.01	7.4		
15		57.09	6.9		
7416	862	56.12	6.7		
17		56.85	5.8		
18		63.17	10.7		
19		52.66	6.8		
20		57.26	6.8		
21		63.06	7.9		
22		56.62	6.6		
23		55.25	5.8		
7424	861	57.05	7.2		
25		63.51	7.7		
26		59.43	5.5		
27		55.48	6.4		
28		52.07	5.5		
29		62.44	9.9		
30		60.75	6.8		
7431		55.38	7.4		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.9g
16 01B -MTW 47.3
16 01C -MTW 47.8
16 01E -MTW 49.9

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/26/16 Recorder(s): PM Campbell

Comments:

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name Baseline # 1 Penn Cove

Site ID PCB-01

Assess mussels in each bag **Date:** 10/30/15 **Recorder:** L. Niewolny

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
972	1	2	0	0	13	16
959	0	1	0	0	13	14
964	1	2	0	0	13	16
960	0	1	0	0	15	1

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 158801 **to** 158812
(numbers assigned by RSMP staff)

Recorder: Niewolny

Date: 10/30/15

Recorder:

Date:

Fish ID#	Bag #	Shell Length	Pan Weight	Wet Tissue Weight (includes pan)	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	0.1 g	0.1 g	Y/N/Unk		0.1 g	0.1 g
15 8801	959	52.56	1.3	NA	No		3.2	
02	↓	53.24	1.3	↓	↓		3.0	
03	↓	51.90	1.3	↓	↓		2.7	
04	960	50.39	↓	↓	↓		2.9	
05	↓	56.35	↓	↓	↓		2.8	
06	↓	53.95	↓	↓	↓		2.2	
07	964	51.38	↓	↓	↓		3.2	
08	↓	57.16	↓	↓	↓		3.2	
09	↓	51.85	↓	↓	↓		2.8	
10	972	56.53	↓	↓	↓		3.0	
11	↓	56.10	↓	↓	↓		3.2	
88 12	↓	55.10	↓	↓	↓		2.8	

Date & Time In Oven:	Date & Time Out of Oven:
10/30/15 LN 1400	11/10/15 ML 1600

Comments:

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name Baseline #1

Site ID _____ (use LAST 3 DIGITS of SiteID to fill in blank for SampleID, below)

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8873 **to** 8904

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
16 8873	959	55.58	7.4		
8874		53.93	5.2		
8875		52.05	5.6		
8876		58.09	9.1		
8877		51.90	5.6		
8878		54.52	7.7		
8879		50.85	5.7		
8880		53.21	6.9		
8881	964	56.57	7.8		
8882		55.92	8.0		
8883		54.42	5.7		
8884		51.26	6.5		
8885		51.72	7.3		
8886		55.59	5.9		
8887		56.89	8.3		
8888		54.89	9.0		
8889	972	52.80	7.1		
8890		53.59	6.9		
8891		56.23	5.7		
8892		51.53	6.4		
8893		53.53	6.2		
8894		51.94	4.7		
8895		53.68	6.0		
8896		55.75	7.2		
8897	960	50.65	5.8		
8898		52.03	6.8		
8899		55.66	6.1		
8900		57.84	7.2		
8901		51.13	4.8		
8902		51.70	5.6		
8903		51.02	5.2		
8904		58.66	7.8		

SampleID: 16RSMP_PCB-MTW01

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/4/16 Recorder(s): Cheyenne Hannaman, Stephanie Lewis Angela Welch

Comments:

Created: LAN 12/2012

16RSMP_PCB 01-MTW01A : 49.9 g

16RSMP_PCB 01MTW01Z : 47.8 g

16RSMP_PCB 01-MTW01B : 49.8 g

16RSMP_PCB 01-MTW01C : 49.9 g

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name Baseline # 2 (Penn Cove)

Site ID PCB-02

Assess mussels in each bag **Date:** 10/30/15 **Recorder:** L Niewolny

Bag # 975	Empty 0	Rotten 1	Gaping 0	Cracked 0	Alive 15	TOTAL 16
Bag # 958	Empty 0	Rotten 0	Gaping 0	Cracked 0	Alive 16	TOTAL 16
Bag # 954	Empty 0	Rotten 0	Gaping 0	Cracked 0	Alive 16	TOTAL 16
Bag # 974	Empty 0	Rotten 1	Gaping 0	Cracked 0	Alive 15	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 158813 **to** 158824

(numbers assigned by RSMP staff)

Recorder: Niewolny

Date: 10/30/15

Recorder:

Date:

Fish ID#	Bag #	Shell Length	Pan Weight	Wet Tissue Weight (includes pan)	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	0.1 g	0.1 g	Y/N/Unk		0.1 g	0.1 g
15 8813	975	51.91	1.3	NA	NO		2.9	
14	↓	59.51	↓	↓	↓		3.3	
15	↓	57.64	↓	↓	↓		3.7	
16	974	54.45	↓	↓	↓		2.6	
17	↓	58.90	↓	↓	↓		3.3	
18	↓	60.40	↓	↓	↓		4.0	
19	954	53.36	↓	↓	↓		2.7	
20	↓	52.78	↓	↓	↓		3.3	
21	↓	59.11	↓	↓	↓		4.4	
22	952	56.27	↓	↓	↓		3.1	
23	↓	50.94	↓	↓	↓		2.6	
24	↓	53.15	↓	↓	↓		2.8	

Date & Time In Oven:	Date & Time Out of Oven:
10/30/15 LN 1400	11/10/15 ML 1600

Comments:

Created: LAN 12/2012

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name Penn Cove Baseline #2

Site ID _____ (use LAST 3 DIGITS of SiteID to fill in blank for SampleID, below)

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 8905 **to** 16 8936

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads Y/N/Unk	Other Observations
16 8905	954	52.23	5.2		
06		58.08	6.0		
07		54.51	7.5		
08		50.65	5.7		
09		52.50	6.6		
10		59.50	8.4		
11		56.06	9.5		
12		55.14	7.5		
13	975	51.21	6.6		
14		54.62	6.0		
15		51.67	5.7		
16		55.30	5.7		
17		56.97	8.4		
18		55.00	7.5		
19		54.40	5.8		
20		53.96	7.1		
21	974	51.68	5.2		
22		50.67	6.2		
23		58.48	8.9		
24		51.91	6.2		
25		54.79	6.8		
26		56.22	7.2		
27		54.56	7.6		
28		53.37	6.9		
29	952	56.84	9.5		
30		50.15	4.6		
31		51.15	3.9		
32		56.68	8.9		
33		53.84	6.5		
34		51.60	5.7		
35		54.68	5.5		
36		54.17	6.3		

SampleID: 16 RSMP_PCB02 **-MTW01**

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/4/16

Recorder(s): Cheyenne Hannaman, Stephanie, Angela Welch

Comments:

Created: LAN 12/2012

16RSMP_PCB02 - MTW01A : 49.5g

16RSMP_PCB02 - MTW01B : 49.9g

16RSMP_PCB02 - MTW01C : 49.9g

16RSMP_PCB02 MTW01Z : 53.3g

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name Baseline #3 Penn Cove

Site ID PCB_03

Assess mussels in each bag **Date:** 10/30/15 **Recorder:** J. Lanksbury

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
870		1			15	16
879		3			13	16
865	1				16	17
877					15	15

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 158825 **to** 158836

(numbers assigned by RSMP staff)

Recorder: J. Lanksbury

Date: 10/30/15

Recorder:

Date:

Fish ID#	Bag #	Shell Length (0.1 mm)	Pan Weight (0.1 g)	Wet Tissue Weight (includes pan) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
15 8825	870	53.01	1.3	NA	1		2.8	
26	870	51.35					3.2	
27	870	54.22					2.6	
28	879	59.14					3.3	
29	879	55.06					2.3	
30	879	53.07					2.7	
31	865	54.34					3.1	
32	865	56.31					3.2	
33	865	50.34					2.0	
34	877	53.43					2.9	
35	877	57.77					3.0	
36	877	53.26					3.0	

Date & Time In Oven:	Date & Time Out of Oven:
10/30/15 LN 1400	11/10/15 ML 1600

Comments:

Created: LAN 12/2012

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name Baseline #3

Site ID _____ (use LAST 3 DIGITS of SiteID to fill in blank for SampleID, below)

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16-89367 mc **to** 16-89678 mc

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar~~

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads Y/N/Unk	Other Observations
16 89367	877	53.35	5.7		
38		55.42	6.4		
39		52.28	5.6		
40		57.96	7.5		
41		55.30	6.0		
42		55.30	6.4		
43		55.15	6.3		
44		55.60	7.6		
45	870	57.06	7.2		
46		50.09	4.5		
47		56.21	6.9		
48		52.55	5.6		
49		54.62	5.6		
50		50.90	5.2		
51		49.90	4.4		
52		50.15	4.4		
53	879	55.38	6.0		
54		49.40	6.0		
55		54.58	7.6		
56		57.01	6.7		
57		58.00	6.4		
58		53.30	6.1		
59		56.59	5.2		
60		54.65	6.1		
61	865	53.20	6.2		
62		57.42	6.7		
63		53.62	4.4		
64		54.97	6.4		
65		56.33	5.2		
66		54.70	6.1		
67		60.52	8.1		
89678		50.99	5.2		

SampleID: 16_____-MTW01

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/7/16 Recorder(s): Jon Harris

Comments:

Created: LAN 12/2012

16 46.6 - MTW ~~AB~~ A

16 45.1 - MTW B

16 45.3 - MTW C

16 40.9 - MTW Z

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name Baseline #4 Penn Cove

Site ID PCB-04

Assess mussels in each bag **Date:** 10/30/2015 **Recorder:**

Bag # 969	Empty 1	Rotten 0	Gaping 0	Cracked 0	Alive 15	TOTAL 16
Bag # 951	Empty 0	Rotten 0	Gaping 0	Cracked 0	Alive 16	TOTAL 16
Bag # 957	Empty 0	Rotten 1	Gaping 0	Cracked 0	Alive 15	TOTAL 16
Bag # 955	Empty 0	Rotten 0	Gaping 0	Cracked 0	Alive 16	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 158837 **to** 158848
(numbers assigned by RSMP staff)

Recorder: Recorder:

Date: Date:

Fish ID#	Bag #	Shell Length	Pan Weight	Wet Tissue Weight (includes pan)	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	0.1 g	0.1 g	Y/N/Unk		0.1 g	0.1 g
158837	951	57.25					4.2	
38	↓	56.08					2.5	
39	↓	51.31					2.8	
40	969	52.34					2.8	
41	↓	57.45					3.6	
42	↓	57.86					2.2	
43	957	59.15					2.2	
44	↓	55.46					3.1	
45	↓	52.15					3.1	
46	955	53.39					3.0	
47	↓	54.48					2.9	
48	↓	51.55					2.6	

Date & Time In Oven: 10/30/15 LN 1400

Date & Time Out of Oven: 11/10/15 ML 1600

Comments:

Created: LAN 12/2012

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name BASELINE #4

Site ID _____ (use LAST 3 DIGITS of SiteID to fill in blank for SampleID, below)

3/11/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 89689 mc **to** 16 ~~8999~~ 9000 mc

~~Empty jar weight:~~ _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar

Fish ID#

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads Y/N/Unk	Other Observations
16 ~~8969~~ ~~8968~~	696	56.39	5.3		
70 ~~8969~~		52.35	5.7		
71 ~~8970~~		53.75	5.5		
72 ~~8971~~		55.35	5.2		
73 ~~8972~~		54.11	~~5.2~~ 5.2		
74 ~~8973~~		54.23	5.7		
75 ~~8974~~		55.81	5.1		
76 ~~8975~~		58.15	8.5*		8.5 → unsure if scale was tared
77 ~~8976~~	955	51.92	6.0		
78 ~~8977~~		52.41	3.6		
79 ~~8978~~		53.24	4.4		
80 ~~8979~~		53.11	5.0		
81 ~~8980~~		51.77	5.3		
82 ~~8981~~		59.98	7.7		
83 ~~8982~~		50.42	4.7		
84 ~~8983~~		55.69	6.1		
85 ~~8984~~	957	51.67	4.8		
86 ~~8985~~		56.28	6.6		
87 ~~8986~~		53.15	5.3		
88 ~~8987~~		51.88	4.7		
89 ~~8988~~		51.98	5.1		
90 ~~8989~~		53.72	~~5.5~~ 3.1		
91 ~~8990~~		57.67	8.9		
92 ~~8991~~		55.51	4.3		
93 ~~8992~~	951	55.33	6.7		
94 ~~8993~~		52.02	5.7		
95 ~~8994~~		55.04	7.2		
96 ~~8995~~		58.52	7.7		
97 ~~8996~~		52.63	4.3		
98 ~~8997~~		51.89	4.4		
99 ~~8998~~		52.01	4.8		
9000 ~~8999~~		53.89	4.2		

~~**SampleID: 16**_____**-MTW01**~~

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/11/16 | Recorder(s): RJFISK / Stephanie Lewis

Comments: ~~8~~ ~~10~~

Created: LAN 12/2012

Sample ID: 16 01A : 47.8 g
16 01B : 46.5 g
16 01C : 48.4 g
16 01Z : 21.4 g

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name Baseline #5 Penn Cove

Site ID PCB-05

Assess mussels in each bag **Date:** 10/30/15 **Recorder:** Niewolny

Bag # 864	Empty	Rotten 2	Gaping	Cracked	Alive 14	TOTAL 16
Bag # 943	Empty	Rotten 3	Gaping	Cracked	Alive 13	TOTAL 16
Bag # 945	Empty	Rotten	Gaping	Cracked	Alive 16	TOTAL 16
Bag # 863	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 158849 **to** 158860

(numbers assigned by RSMP staff)

RJF Recorded on 4/8/16

Recorder: | Recorder:

Date: | Date:

Fish ID#	Bag #	Shell Length	Pan Weight	Wet Tissue Weight (includes pan)	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	0.1 g	0.1 g	Y/N/Unk		0.1 g	0.1 g
15 8849	943	58.80					3.8	
8850	943	52.92					2.9	
8851	943	56.61					3.4	
52	864	56.66					2.4	
53	864	52.93					3.1	
54	864	51.05					2.6	
55	863	53.23					2.9	
56	863	55.16					2.6	
57	863	60.07					3.6	
58	945	57.66					3.2	
59	945	57.93					3.7	
60	945	57.77					3.7	

Date & Time In Oven:	Date & Time Out of Oven:
10/2/15 LW 0900	11/10/15 ML 1600

Comments:

Created: LAN 12/2012

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name BASELINE #5

Site ID _____ (use LAST 3 DIGITS of SiteID to fill in blank for SampleID, below)

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 9001 to 16 9032

~~Empty jar weight:~~ _____ ~~Full jar weight:~~ _____ ~~Total tissue weight:~~ _____ (i.e. full jar - empty jar

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
16 9001	945	53.71	6.9		
9002		53.39	5.0		
9003		52.91	6.6		
9004		55.21	8.8		
9005		57.55	~~4.6~~ 4.4		
9006		51.59	~~5.4~~ 4.6		
9007		52.22	~~6.8~~ 5.4		
9008		56.36	6.8		
9009	864	52.10	3.6		
9010		55.22	5.2		
9011		54.58	6.8		
9012		56.76	4.7		
9013		56.25	9.2		
9014		54.04	RTF ~~6.8~~ 6.9		
9015		51.53	5.2		
9016		52.64	6.7		orange hue in tissue
9017	863	59.11	7.6		
9018		55.34	7.4		
9019		53.09	6.0		
9020		52.89	5.9		
9021		51.72	6.5		
9022		59.29	9.5		
9023		53.80	5.6		
9024		53.84	5.4		
9025	943	58.91	6.2		
9026		49.98	6.3		
9027		50.19	4.8		
9028		51.85	5.8		
9029		53.06	5.2		
9030		55.27	7.1		
9031		56.26	6.4		
9032		57.80	5.9		

SampleID: 16 _____ -MTW01

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/11/16

Recorder(s): Stephanie Lewis / RJ Fisk

Comments: 111.8

Created: LAN 12/2012

Sample ID: 16 01A: 46.2 g

16 01B: 47.5 g

16 01C: 48.7 g

16 01Z: 41.0 g

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name Baseline #6 Penn Cove

Site ID PCB-06

Assess mussels in each bag **Date:** 10/30/15 **Recorder:** Niewolny

Bag # 947	Empty	Rotten	Gaping	Cracked	Alive 16	TOTAL 16
Bag # 946	Empty 1	Rotten	Gaping	Cracked	Alive 14	TOTAL 15
Bag # 950	Empty 1	Rotten	Gaping	Cracked	Alive 15	TOTAL 16
Bag # 967	Empty	Rotten	Gaping	Cracked	Alive 16	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 15-8861 **to** 15-8872

(numbers assigned by RSMP staff)

Recorder: | Recorder:

Date: | Date:

Fish ID#	Bag #	Shell Length	Pan Weight	Wet Tissue Weight (includes pan)	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	0.1 g	0.1 g	Y/N/Unk		0.1 g	0.1 g
15 8861	946	57.00					3.4	
62	↓	56.40					2.8	
63	↓	56.68					4.4	
64	947	56.70					3.3	
65	↓	53.86					2.8	
66	↓	55.72					2.9	
67	950	54.36					3.2	
68	↓	57.49					3.2	
69	↓	58.53					3.4	
70	967	54.76					3.3	
71	↓	54.23					2.8	
72	↓	58.98					3.4	

Date & Time In Oven: 11/2/15 CW 0900

Date & Time Out of Oven: 11/10/15 ML 1600

Comments:

Created: LAN 12/2012

Laboratory Processing Datasheet for Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name Baselive #6

Site ID _____ (use LAST 3 DIGITS of SiteID to fill in blank for SampleID, below)

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 169033 **to** 169064

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar~~

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
169033	946	54.11	5.9		
9034		54.80	6.2		
9035		58.37	7.0		
9036		56.96	7.5		
9037		51.94	5.2		
9038		54.01	6.3		
9039		53.41	5.6		
9040		50.82	4.6		
9041	950	56.43	7.5		
9042		50.30	5.1		
9043		54.69	6.1		
9044		54.57	7.8		
9045		53.69	5.5		
9046		56.73	6.9		
9047		50.90	4.6		
9048		55.17	6.3		
9049	976	56.05	7.7		
9050		51.80	7.2		
9051		57.22	9.1		
9052		51.95	4.9		
9053		54.10	5.0		
9054		51.78	6.1		
9055		50.67	5.6		
9056		57.56	5.4		57.56 shell length
9057	947	55.10	8.0		
9058		58.88	8.4		
9059		56.34	6.7		
9060		57.17	7.4		
9061		52.27	6.2		
9062		51.21	4.6		
9063		56.13	8.1		
169064		54.60	7.5		

SampleID: 16_____-MTW01

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/11/2016 Recorder(s): RJFISK

Comments:

Created: LAN 12/2012

Sample ID: 16 01A: 48.0 g

16 01B: 46.6 g

16 01C: 45.6 g

16 01Z: 51.3 g

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Hammersley Inlet - Arcadia Point

Site ID: SPS_HIAP

Assess mussels in each bag **Today's Date:** 2/10/16 **Recorder:** ML+RJF

Bag # 649	Empty 5	Rotten	Gaping	Cracked	Alive 11	TOTAL 16
Bag # 666	Empty 7	Rotten	Gaping	Cracked	Alive 9	TOTAL 16
Bag # 668	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16
Bag # 673	Empty 5	Rotten	Gaping	Cracked	Alive 11	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
only 1 mussel for Condition Index for bag 666

CONDITION INDEX LOG - Fish ID# range: 6197 **to** 6206
(numbers assigned by WDFW staff)

Recorder: Laurie Nieuhmy

Recorder: RJFISK

Today's Date: 2/10/16

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
6197	673	57.00	Y		2.5	
98	↓	59.90	↓		2.2	
99	↓	56.09	↓		2.7	
6200	668	55.87	↓		2.3	
01	↓	54.10	↓		2.0	
02	↓	57.94	↓		2.8	
03	649	55.40	↓		2.4	
04	↓	52.72	↓		2.3	
05	↓	57.97	↓		2.9	
06	666	54.67	↓		2.6	
~~07~~	Not enough live mussels					
~~08~~	Not enough live mussels					
				Date & Time In Oven: 2/10/2016 2pm	Date & Time Out of Oven: 2/16/16 1613	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Hammersley Inlet-Arcadia Point

Site ID: SPS-HIAP (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7496 **to** 7527

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7496	666	51.96	4.7		
97	666	54.02	5.7		
98	666	52.49	3.8		
99	666	55.59	6.6		
7500	666	57.07	6.6		
01	666	55.96	5.5		
02	666	52.32	5.2		
03	666	54.88	5.3		
7504	649	53.61	5.6		
05	649	60.40	7.7		
06	649	55.17	6.6		
07	649	55.39	4.3		
08	649	54.68	4.3		
09	649	51.66	4.9		
10	649	52.07	5.2		
11	649	52.41	3.6		
7512	673	60.58	7.0		
13	673	55.34	6.1		
14	673	54.49	5.4		
15	673	53.72	6.2		
16	673	58.53	5.8		
17	673	57.24	5.0		
18	673	55.41	5.4		
19	673	54.53	5.9		
7520	668	59.35	5.2		
21	668	59.18	5.6		
22	668	53.64	5.0		
23	668	52.73	4.8		
24	668	56.56	5.5		
25	668	55.83	5.3		
26	668	53.35	4.1		
7527	668	57.66	5.6		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW - 45.3g
16 01B -MTW - 48.7g
16 01C -MTW - 47.2g
16 01Z -MTW - 15.4g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 2/29/16 Recorder(s): Jennifer Welch

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Sandy Bay, Anderson Island, Nisqually Reach Aq. Reserve

Site ID: SPS_NRQR

Assess mussels in each bag **Today's Date:** 2/8/2016 **Recorder:** Cecilia Walters

Bag # 977	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16
Bag # 949	Empty 3	Rotten 1	Gaping	Cracked	Alive 12	TOTAL 16
Bag # 976	Empty 1	Rotten	Gaping	Cracked	Alive 15	TOTAL 16
Bag # 948	Empty 2	Rotten	Gaping	Cracked	Alive 14	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5909 **to** 5920

(numbers assigned by WDFW staff)

Recorder: Mariko Langness					Recorder: R. Fisk	
Today's Date: 2/8/16					Today's Date: 2/16/16	
Fish ID#	Bag #	Shell Length	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	Y/N/Unk		0.1 g	0.1 g
5909	977	59.56	yes		2.6	
5910	977	57.67			2.7	
5911	977	58.43			2.5	
5912	949	52.27			2.1	
5913	949	54.75			2.1	
5914	949	53.61			2.1	
5915	976	52.35			2.5	
5916	976	57.26			2.4	
5917	976	55.13			2.0	
5918	948	58.50			2.6	
5919	948	61.99			3.2	
5920	948	54.00		Black cysts/pouches on inside of shell - soft tissue and squishy	2.1	
				Date & Time In Oven: LN 2/8/16 1500	Date & Time Out of Oven: 2/16/16 0937	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Sandy Bay, Anderson Is.

Site ID: SPS-NRGR (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7848 **to** 7879

~~Empty jar weight:~~ _____ Full jar weight: _____ Total tissue weight: _____ (i.e. ~~full jar - empty jar~~)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7848	948	59.00	6.9		
49		60.13	8.1		
50		54.80	6.2		
51		58.75	5.6		
52		54.86	4.4		
53		57.31	5.6		
54		52.64	5.5		
55		57.01	3.6		
7856	976	54.85	4.1		
57		54.19	6.4		
58		56.92	6.6		
59		59.82	7.4		
60		59.15	7.9		
61		58.52	6.1		
62		57.04	3.9		
63		55.06	5.6		
7864	977	61.91	6.2		
65		62.99	7.0		
66		54.48	5.6		
67		58.12	5.8		
68		60.66	8.0		
69		55.31	7.1		
70		53.92	5.1		
71		56.91	6.0		
7872	949	55.20	4.9		
73		59.50	7.0		
74		53.32	5.5		
75		56.36	4.7		
76		53.09	4.9		
77		55.52	5.3		
78		54.55	5.3		
79		57.56	5.6		

SampleIDs (include incremental numbers and/or letters at end):

16 NRG01A -MTW 48.0
16 01B -MTW 47.5
16 01C -MTW 46.6
16 01D -MTW 37.6

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 | Recorder(s): Will Doran

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Purdey Burley Lagoon

Site ID: SPS_PBL

Assess mussels in each bag **Today's Date:** 2/11/2016 **Recorder:** Marico Langness

Bag # 634	Empty 7	Rotten ____	Gaping ____	Cracked ____	Alive 9	TOTAL 16
Bag # 639	Empty 4	Rotten ____	Gaping ____	Cracked ____	Alive 12	TOTAL 16
Bag # 644	Empty 1	Rotten ____	Gaping ____	Cracked ____	Alive 15	TOTAL 16
Bag # 637	Empty 5	Rotten ____	Gaping ____	Cracked ____	Alive 11	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):
Bag 634 and 639, lower half of both bags submerged ~2" in fresh melt water.

CONDITION INDEX LOG - Fish ID# range: 6449 **to** 6460
(numbers assigned by WDFW staff)

Recorder:					Recorder: Jennifer Welch	
Today's Date:					Today's Date: 2/22/16	
Fish ID#	Bag #	Shell Length	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	Y/N/Unk		0.1 g	0.1 g
6449	639	58.54	Y		2.9	
50	639	55.85			2.4	
51	639	52.90			2.3	
52	639	60.13			2.6	
53	637	51.61			2.4	
54	637	58.36			2.2	
55	637	50.19			2.2	
56	634	58.95			2.9	
57	644	57.16			2.5	
58	644	56.11			2.3	
59	644	50.78			2.3	
60	644	51.55			2.3	
				Date & Time In Oven: 2/11/2016 3:15pm	Date & Time Out of Oven: 2/22/16 9:10	

Comments:
* ovens turned off @ 0750 on 2/~~22~~/16
16

Created: LAN 12/2012

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Purdey Burley Lagoon

Site ID: SPS-PBL (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 8072 **to** 16 8103

~~Empty jar weight:~~ _____ ~~Full jar weight:~~ _____ Total tissue weight: _____ ~~(i.e. full~~ jar - empty jar)

Fish ID#	Bag #	Shell Length (0.1 mm)	Wet Tissue Weight (tar jar each time) (0.1 g)	Enlarged Gonads (Y/N/Unk)	Other Observations
8072	634	62.04	9.7		
8073		60.89	6.6		
8074		54.51	5.9		
8075		58.64	7.4		
8076		59.18	7.0		
8077		58.08	6.2		
8078		60.51	9.3		
8079		58.98	6.9		
8080	637	59.30	7.5		
8081		57.96	7.0		
8082		57.51	6.7		
8083		57.63	6.5		
8084		68.51	9.9		
8085		57.49	6.3		
8086		61.54	10.4		
8087		61.09	7.8		
8088	639	57.22	6.8		
8089		63.96	9.1		
8090		59.09	6.3		
8091		54.16	3.1		
8092		53.42	6.2		
8093		59.84	6.8		
8094		56.17	7.2		
8095		57.98	5.0		
8096	644	56.53	4.9		
8097		59.63	6.4		
8098		52.74	5.7		
8099		52.78	5.4		
8100		57.17	5.2		
8101		~~53.65~~	8.2	→ 59.66	New length for 8101 Empty shell, replace with new mussel from same bag # 644
8102		60.68	6.5		
8103		57.16	6.1		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 45.5 (g)
16 01B -MTW 45.3 "
16 01C -MTW 45.5 "
16 01Z -MTW 49.5 "

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Cavalero County Park

Site ID: WB CB

Assess mussels in each bag **Today's Date:** 02/06/2016 **Recorder:** FPA & LAC

Bag #575	Empty 3	Rotten —	Gaping —	Cracked —	Alive 13	TOTAL 16
Bag # 580	Empty —	Rotten —	Gaping —	Cracked —	Alive 16	TOTAL 16
Bag # 574	Empty 2	Rotten —	Gaping —	Cracked —	Alive 14	TOTAL 16
Bag # 582	Empty 2	Rotten —	Gaping —	Cracked —	Alive 14	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6341 **to** 6352
(numbers assigned by WDFW staff)

Recorder: Colleen & Tracey

Recorder: Erin Medlock

Today's Date: 2-6-16

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
		0.1 mm	Y/N/Unk		0.1 g	0.1 g
6341	582	52.32	N		1.9	
6342	582	56.20	Y		2.0	
6343	582	55.86	Y		2.5	
6344	575	60.03	Y		3.0	
6345	575	52.66	Y		2.5	
6346	575	58.73	~~Y~~ N		2.3	
6347	574	54.38	Y		2.7	
6348	574	57.07	Y		2.4	
~~6389~~ 6349	574	52.55	Y		2.3	
6350	580	55.74	~~N~~ Y		2.2	
6351	580	51.92	Y		2.0	
6352	580	53.94	Y		2.7	
				Date & Time In Oven: LN 2/6/16 1605	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Cavalero Beach County Park

Site ID: WB_CB (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:**_____

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 6984 **to** 7015

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length	Wet Tissue Weight (tar jar each time)	Enlarged Gonads	Other Observations
		0.1 mm	0.1 g	Y/N/Unk	
6984	582	54.56	7.5		
85		57.09	9.7		
86		56.77	9.7		
87		55.08	9.2		
88		52.55	6.2		
89		54.55	7.5		
6990		58.36	7.7		
91		53.68	6.4		
92	574	58.51	8.2		
93		59.07	10.7		
94		57.54	9.4		
95		61.73	8.9		
96		53.46	4.4		
97		60.47	9.0		
98		54.82	3.3		
6999		54.46	3.7		
7000	580	51.93	5.1		
01		56.51	5.8		
02		57.31	8.3		
03		58.84	7.9		
04		53.51	5.8		
05		58.05	8.1		
06		50.54	5.1		
07		57.38	8.8		
08	575	52.43	4.4		
09		52.49	5.2		
7010		52.97	6.8		
11		57.10	9.0		
12		53.95	5.4		
13		53.87	4.9		
14		55.87	6.7		
7015		54.92	4.5		

SampleIDs (include incremental numbers and/or letters at end):

16 47.8 -MTW 01 A 47.8 g
16 51.2 -MTW 01 B 51.2 g
16 48.5 -MTW 01 C 48.5 g
16 47.1 -MTW 01 Z 47.1 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: Recorder(s):

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Kayak Point

Site ID: WB-KP

Assess mussels in each bag **Today's Date:** 2/6/16 **Recorder:** Shelley

	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
Bag # 680				1	15	16
Bag # 692	1				15	16
Bag # 690	3				13	16
Bag # 684	1				15	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5873 **to** 5884

(numbers assigned by WDFW staff)

Recorder: Angela Kaurin / Shelley Kaurin

Today's Date: 2/6/16

Recorder: Erin Medlock

Today's Date: 2/10/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5873	680	56.78	Y	pitted shell	2.6	
5874	680	53.19	Y		2.2	
5875	680	55.19	Y		2.4	
5876	684	59.92	Y	pitted shell	2.6	
5877	684	51.91	Y		2.4	
5878	684	54.72	Y		2.4	
5879	690	53.01	Y		2.1	
5880	690	65.34	Y		2.7	
5881	690	54.95	Y		2.3	
5882	692	58.40	Y		2.1	
5883	692	55.44	Y		2.4	
5884	692	57.70	Y		2.6	
				Date & Time In Oven: 2/6/16 1700 LAN	Date & Time Out of Oven: 2/8/16 1700 LN	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Kayak point

Site ID: WB-KP (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7592 **to** 7623

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7592	684	56.03	5.8		
93		57.76	7.6		
94		57.52	8.4		
95		60.92	9.2		
96		56.52	8.6		
97		55.46	6.0		
98		53.08	5.9		
99		63.90	9.5		
7600	690	54.64	6.3		
01		59.54	6.9		
02		55.22	6.5		
03		56.54	6.6		
04		60.37	11.9		
05		53.63	6.5		
06		54.82	6.4		
07		53.40	2.4		
7608	680	56.13	6.1		
09		52.50	5.2		
10		51.70	6.1		
11		54.68	3.4		
12		57.31	7.2		
13		53.13	5.8		
14		54.62	4.9		
15		56.35	7.1		
7616	692	54.63	7.1		
17		56.83	4.4		
18		58.26	5.8		
19		55.93	4.0		
20		59.22	7.4		
21		50.73	4.6		
22		55.24	5.3		
7623		51.47	3.3		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 47.5 g
16 01B -MTW 49.2 g
16 01C -MTW 48.9 g
16 01Z -MTW 47.0 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: | Recorder(s):

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Illahee Creek

Site ID: WPS-IC

Assess mussels in each bag **Today's Date:** 2/8/16 **Recorder:** RJF

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
603	3				13	16
614	4				12	16
623	6				10	16
632	RJF 5				11	16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5957 **to** 59168

(numbers assigned by WDFW staff)

Recorder: Hannah Ferguson

Today's Date: 2/8/16

Recorder: R. Fisk

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5957	603	56.52	Y		2.9	
58	603	57.41	Y		3.0	
59	603	55.61	Y		2.3	
60	614	52.93	Y		2.6	
61	614	57.36	Y		2.4	
62	614	51.62	Y		2.3	
63	623	54.34	Y		2.7	
64	623	58.62	Y		2.5	
65	623	56.15	Y		2.4	
66	632	54.76	Y		2.3	
67	632	57.53	Y		2.5	
68	632	51.39	Y		2.2	
				Date & Time In Oven: 2/8/16 1700	Date & Time Out of Oven: 2/16/16 1357	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Illahee Creek

Site ID: _____ (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 2/29/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 7560 **to** 7591

Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7560	632	52.30	6.8		
61		58.10	7.3		
62		61.26	9.9		
63		54.27	7.1		
64		56.02	8.2		
65		60.64	8.7		
66		54.99	6.4		
67		56.09	6.3		
7568	603	54.12	5.8		
69		57.47	9.6		
70		54.20	7.3		
71		52.50	4.8		
72		55.50	8.2		
73		53.58	5.7		
74		56.28	7.2		
75		55.80	7.3		
7576	614	55.19	4.7		
77		53.87	6.3		
78		52.09	4.7		
79		54.79	6.1		
80		50.72	4.4		
81		53.17	5.6		
82		57.91	6.4		
83		54.07	6.5		
7584	623	55.14	6.6		
85	623	59.00	7.4		
86	623	53.44	5.1		
87	623	54.61	4.9		
88	623	56.50	7.8		
89	623	58.89	8.8		
90	623	58.10	7.0		
7591	614	56.58	6.7		Short on bag 623, 9th added to bag 614

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 45.1 g
16 01B -MTW 45.5
16 01C -MTW 46.0 g
16 01Z -MTW 46.0 g

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: Recorder(s):

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Point Bolin

Site ID: WPS-PB

Assess mussels in each bag **Today's Date:** 2/9/16 **Recorder:** RJF

Bag # 641	Empty 5	Rotten	Gaping	Cracked	Alive 11	TOTAL 16
Bag # 655	Empty 6	Rotten	Gaping	Cracked	Alive 10	TOTAL 16
Bag # 642	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16
Bag # 656	Empty 3	Rotten	Gaping	Cracked	Alive 13	TOTAL 16

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 6029 **to** 6040

(numbers assigned by WDFW staff)

Recorder: Jennifer Lanksbury					Recorder: R. FISK	
Today's Date: 2/~~8~~9/2016					Today's Date: 2/16/16	
Fish ID#	Bag #	Shell Length	Enlarged Gonads	Other Observations	Dry Tissue Weight (includes pan)	Dry Tissue Weight - Final (minus pan)
6029		0.1 mm	Y/N/Unk		0.1 g	0.1 g
30	656	59.33	Y		2.7	
31	656	57.89			2.5	
32	656	62.97			3.4	
33	642	57.73			2.5	
34	642	59.97			3.1	
35	642	56.06			2.9	
36	655	60.10			2.5	
37	655	56.48			2.9	
38	655	59.59			3.1	
39	641	55.50			3.1	
40	641	59.45			2.5	
	641	58.37			2.7	
				Date & Time In Oven: 2/~~8~~9/16 13:30	Date & Time Out of Oven: 2/16/16 1435	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Point Bolin

Site ID: WPS_PB (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3/1/16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 16 7912 **to** 16 7912

~~Empty jar weight: _____ Full jar weight: _____ Total tissue weight: _____ (i.e. full jar - empty jar)~~

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
7912	642	57.86	7.0		
7913		54.64	6.4		
7914		51.69	3.6		
7915		58.96	8.5		
7916		65.55	9.9		
7917		56.62	5.9		
7918		54.03	4.5		
7919		58.10	7.8		
7920		64.09	9.5		
7921	656	56.71	5.8		
7922		55.40	6.8		
7923		51.86	3.6		
7924		53.04	6.5		
7925		58.32	8.0		
7926		52.17	5.4		
7927		60.39	8.3		
7928		59.18	7.4		
7929	641	56.62	6.0		
7930		60.77	8.0		
7931		52.30	5.6		
7932		59.85	6.9		
7933		56.61	7.5		
7934		50.53	1.9		
7935		58.36	5.7		
7936		53.40	4.7		
7937	655	55.83	5.7		
7938		57.24	6.9		
7939		62.82	8.6		
7940		60.62	7.2		
7941		55.74	5.6		
7942		55.26	5.3		
7943		57.08	6.5		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 46.2 (9)
16 01B -MTW 45.6
16 01C -MTW 48.3
16 01Z -MTW 45.3

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3/1/16 Recorder(s): RJFISK

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

MORTALITY ASSESSMENT LOG

Site Name: Silverdale, Dyes Inlet

Site ID: WPS-SVD

Assess mussels in each bag **Today's Date:** 2/8/2016 **Recorder:** Cecilia Walters

Bag #	Empty	Rotten	Gaping	Cracked	Alive	TOTAL
852	3				13	16
853	1				15	16
848	2				14	16
842	3				13	13

Comments (specifically, note if a gaping or cracked mussel was used in the Condition Index Log):

CONDITION INDEX LOG - Fish ID# range: 5945 **to** 5956
(numbers assigned by WDFW staff)

Recorder: Hannah Ferguson

Recorder: R. FISK

Today's Date: 2/8/16

Today's Date: 2/16/16

Fish ID#	Bag #	Shell Length (0.1 mm)	Enlarged Gonads (Y/N/Unk)	Other Observations	Dry Tissue Weight (includes pan) (0.1 g)	Dry Tissue Weight - Final (minus pan) (0.1 g)
5945	852	55.49	Y		2.6	
5946	852	59.00	Y		2.4	
5947	852	53.36	Y		2.2	
48	853	57.62	Y		2.8	
49	853	57.84	Y		3.3	
50	853	56.19	Y		2.3	
51	848	55.13	Y		2.5	
52	848	55.16	Y		2.3	
53	848	54.30	Y on 1 side		2.1	
54	842	57.64	Y		2.6	
55	842	56.46	Y		2.7	
56	842	60.11	Y		2.8	
				Date & Time In Oven: 2/8/16 1700	Date & Time Out of Oven: 2/16/16 1030	

Comments:

Laboratory Processing Datasheet for 2016 Washington State RSMP - Mussel Monitoring

TISSUE CHEMISTRY COMPOSITE LOG

Site Name: Dyes Inlet Silverdale

Site ID: WDS-SVD (use LAST 3 DIGITS of SiteID for SampleID, below) **Today's Date:** 3-2-16

TISSUE CHEMISTRY COMPOSITE Fish ID# range: 8392 **to** 8423

Empty jar weight: — Full jar weight: — Total tissue weight: — (i.e. full jar - empty jar)

Fish ID#	Bag #	Shell Length 0.1 mm	Wet Tissue Weight (tar jar each time) 0.1 g	Enlarged Gonads Y/N/Unk	Other Observations
8392	852	59.32	8.4		
8393		58.44	8.9		
8394		56.44	6.6		
8395		60.35	8.4		
8396		54.75	5.5		
8397		60.15	7.4		
8398		59.55	8.7		
8399		55.70	6.7		
8400	842	~~54.50~~	8.8		59.01 replacement muscle length original Dropped
8401		52.71	5.8		
8402		64.83	13.2		
8403		59.06	9.0		
8404		50.75	6.6		
8405		51.95	5.0		
8406		55.46	6.8		
8407		50.60	5.4		
8408	853	57.92	7.2		
8409		55.55	5.7		
8410		51.87	5.0		
8411		52.77	5.4		
8412		55.64	5.4		
8413		55.07	6.8		
8414		58.20	8.9		
8415		59.29	8.1		
8416	848	54.13	6.2		
8417		52.99	6.4		
8418		53.36	5.3		
8419		58.36	7.3		
8420		58.26	7.0		
8421		61.35	9.7		
8422		57.39	7.4		
8423		59.97	7.3		

SampleIDs (include incremental numbers and/or letters at end):

16 01A -MTW 45.0
16 01B -MTW 45.8
16 01C -MTW 45.2
16 01Z -MTW 50.2

If REPLICATES needed (same site, different mussels): increment numbers at end (i.e. 01, 02, 03) to create different SampleIDs

If SPLITTING a single composite (between labs): use same SampleID but add letters (i.e. -A, -B, -C) to end to designate subsamples.

Date: 3-2-16 Recorder(s): Colleen Suter

Comments: