

STATE OF RHODE ISLAND DEPARTMENT OF HEALTH - OFFICE OF FOOD PROTECTION,  
 RM 203, CANNON BLDG., 3 CAPITOL HILL, PROVIDENCE, RI 02908

**SAMPLE COLLECTION FORM**

LAB # \_\_\_\_\_

DATE OF COLLECTION <b>9/4/98</b>		DATE OF ANALYSIS <b>8/13/98</b>		DATE OF REPORT <b>8/17/98</b>		LAB SUP <b>PCE</b>	
CONDITION HOT _____ FROZEN _____ COLD _____ OTHER _____		ITEM <b>OYSTERS</b>		PRODUCT CODE/COM		MOP	
SHIP DATE		BRAND NAME		TEMP ESTAB		TEMP REC °C	
DATE OF SHIP		FROM LOT OF		COLLECTED AT <b>Billington Cove Marina</b>		REASON <b>01</b>	
SHIPPER/PACKER & ADDRESS						FOLLOW UP SAMPLE #1	
COMPLAINT						SOURCE <b>10</b>	
NAME & LOCATION OF STORE WHERE PURCHASED						ANALYSIS <b>13</b>	
HOW STORED FROZEN _____ AMBIENT _____ COLD _____						ORIGINAL CONTAINER YES _____ NO _____	
IMPORT PRODUCT YES _____ NO _____						DATE PURCHASED	
INTERVIEWED BY						DATE	
TIME						AMOUNT REMAINING	
CHAIN OF CUSTODY - DATE, TIME OF TRANSACTION OF COMPLAINT FROM FIELD TO LAB, ETC.:							
SIGNED FROM <b>W. M. Mulla</b>		SIGNED TO <b>M. M. Mulla</b>		DATE <b>8/13/98</b>		TIME <b>1:40</b>	
AGENCY PRINT NAME <b>164 John Mulla</b>		PRINT NAME <b>M. M. Mulla</b>		HOW STORED <b>ambient</b>			
SIGNED FROM		SIGNED TO		DATE		TIME	
PRINT NAME		PRINT NAME		DATE		TIME	
SIGNED FROM		SIGNED TO		DATE		TIME	
PRINT NAME		PRINT NAME		DATE		TIME	
1. CEREAL	2. MEAT PROT	3. TOT H <sub>2</sub> O	4. SOY FL	5. MFOM	6. ADD H <sub>2</sub> O	7. TOT PROT	8. TOT FAT
%	%	%	%	%	%	%	%
9. SORBATES	10. TBA	11. PFA	12. WT/VOL	13. NaNO <sub>2</sub>	14. EL TROPHO	15. TOTAL SOLIDS	16. HISTAMINE
ppm	ug/mg/100g	ppm	%	ppm	ppm	%	mg/100g
17. NaCl	18. NH <sub>4</sub>	19. SULFITE	20. Hg	21. TVB	22. DOMOIC ACID	23. TMA	24. VITAMIN A
%	mg/100g	ppm	ppm	mg N/100g	ug/ml	mg/100g	IU/Qt
25. pH	26. BRIX	27. INSECT	28. RODENT	29. BRENZT'S	30. ASCORB'S	31. INDOLE	32. VITAMIN D
	%	%	%	ppm	ppm	ug/100g	IU/Qt
33. FEG INT	34. AFLATOXIN	35. Pb	36. Cd	37. Cu	38. Cr	39. Zn	40. A <sub>v</sub>
	ppm	ppm	ppm	ppm	ppm	ppm	
41. Na	42. TSP	43. Ca	44. P	45. Mg	46. GLUTAMIC MSG	47. ACETIC ACID	48. GLUCOSE
mg/100g	mg/100g	mg/100g	mg/100g	mg/100g	%	mg/100g	%
49. FRUCTOSE	50. SUCROSE	51. LACTOSE	52. MALTOSE	53. YEAST	54. MOLD	55. PSP	56. OTHER
%	%	%	%	%	%	%	%
57. PECCALAMPN	58. TOT COLIFORMAMPN	59. CL BOT	60. CL PERV	61. COAG STAPH	62. NON-COAG STAPH	63. LISTENA	64. CAMPYLO
65. SPC	66. SALMONELLA	67. S CEREUS	68. YERSINA	ORGANOLEPTIC			
COLLECTOR'S NOTES: <b>Morasson Oyster nursery stock. appt. 36nn</b>				LABORATORY NOTES: <b>Fe: 133 ppm</b>			
EVALUATION BY LAB: 1. NOT AN FP VIOLATION 2. FP VIOLATION - NO VIOLATION 3. FP ACTION INDICATED 4. INSUFFICIENT SAMPLE FOR ANALYSIS 5. INSUFFICIENT INFORMATION FOR ANALYSIS 6. IMPROPER CHAIN OF CUSTODY 7. LAB UNABLE TO PERFORM TESTING (REASON)				ADMINISTRATION FOLLOW-UP: 1. CHECK ESTABLISHMENT 2. ADDITIONAL SAMPLES 3. EMBARGO 4. REVIEW PROCESS 5. NO FURTHER ACTION 6. DISPOSE		CONCLUSION: 1. SATISFACTORY 2. QUESTIONABLE 3. VIOLATES STD 4. UNSATISFACTORY	
FOOD QUALITY (SAFETY) SHELF LIFE & CONSUMER ACCEPTANCE INVOLVES THE ENTIRE CHAIN OF PRODUCTION PROCESSING & DISTRIBUTION OF FOOD. * SAMPLE WILL BE MAINTAINED FOR THIRTY (30) DAYS AFTER ANALYSIS AND THEN DISPOSED OF BY THE LABORATORY.				REVIEWED BY:			
WHITE - DATA ENTRY		YELLOW - LAB		PINK - FOOD PROTECTION		GOLDENROD - CONSUMER	

Data Collected by Dr. Dale Leavitt, Roger William University

Hard Clam Seed from Warwick Cove Marina

Warwick Cove Upweller																		
Quahog Seed		30-Oct-08		Note: µg/kg = ppb														
Group (n=15)	avg Length (mm)	stdev	avg Live Weight (g)	stdev	avg Soft Tissue Wet Weight (g)	stdev	avg Hg/Soft Tissue Wet Weight (µg/kg)	stdev	avg Cr/Soft Tissue Wet Weight (µg/kg)	stdev	avg Fe/Soft Tissue Wet Weight* (µg/kg)	stdev	avg Ni/Soft Tissue Wet Weight (µg/kg)	stdev	avg Cu/Soft Tissue Wet Weight (µg/kg)	stdev		
1	15.1	2.9	0.967	0.730	0.267	0.238	7.81		0.20		35.57		0.20		8.18			
2	12.6	1.6	0.545	0.202	0.139	0.056	9.41		0.28		34.00		0.22		11.80			
3	13.9	1.2	0.685	0.201	0.182	0.058	8.24		0.26		33.33		0.20		9.30			
Total	13.9	2.2	0.732	0.476	0.196	0.152	8.49	0.83	0.25	0.04	34.30	1.15	0.21	0.01	9.76	1.85		
Group (n=15)					avg Soft Tissue Dry Weight (g)	stdev	avg % Dry Weight	stdev	avg Hg/Soft Tissue Dry Weight (µg/kg)	stdev	avg Cr/Soft Tissue Dry Weight (µg/kg)	stdev	avg Fe/Soft Tissue Dry Weight* (µg/kg)	stdev	avg Ni/Soft Tissue Dry Weight (µg/kg)	stdev	avg Cu/Soft Tissue Dry Weight (µg/kg)	stdev
1					0.041	0.041	14.8%	2.4%	52.75		1.38		240.70		1.37		55.33	
2					0.022	0.008	16.1%	1.5%	58.45		1.73		210.60		1.35		73.09	
3					0.027	0.008	15.2%	1.7%	54.22		1.70		219.20		1.31		81.16	
Total					0.030	0.025	15.4%	2.0%	55.14	2.96	1.60	0.19	223.50	15.50	1.34	0.03	63.19	9.05
Group (n=15)	avg Zn/Soft Tissue Wet Weight* (µg/kg)	stdev	avg As/Soft Tissue Wet Weight (µg/kg)	stdev	avg Se/Soft Tissue Wet Weight (µg/kg)	stdev	avg Sn/Soft Tissue Wet Weight (µg/kg)	stdev	avg Ag/Soft Tissue Wet Weight (µg/kg)	stdev	avg Cd/Soft Tissue Wet Weight (µg/kg)	stdev	avg Pb/Soft Tissue Wet Weight (µg/kg)	stdev				
1	55.10		1.77		0.87		15.28		0.03		0.06		0.31					
2	66.07		1.89		1.29		14.07		0.03		0.05		0.28					
3	55.07		1.55		0.53		11.94		0.03		0.11		0.25					
Total	58.75	6.34	1.77	0.22	0.89	0.38	13.76	1.69	0.03	0.00	0.07	0.03	0.28	0.03				
Group (n=15)	avg Zn/Soft Tissue Dry Weight* (µg/kg)	stdev	avg As/Soft Tissue Dry Weight (µg/kg)	stdev	avg Se/Soft Tissue Dry Weight (µg/kg)	stdev	avg Sn/Soft Tissue Dry Weight (µg/kg)	stdev	avg Ag/Soft Tissue Dry Weight (µg/kg)	stdev	avg Cd/Soft Tissue Dry Weight (µg/kg)	stdev	avg Pb/Soft Tissue Dry Weight (µg/kg)	stdev				
1	372.90		12.01		5.89		103.40		0.22		0.43		2.09					
2	409.30		12.32		7.97		87.14		0.16		0.29		1.76					
3	362.20		10.17		3.47		78.55		0.22		0.69		1.68					
Total	381.47	24.69	11.50	1.16	5.78	2.26	89.70	12.62	0.20	0.04	0.47	0.20	1.84	0.22				