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Canadian Shellfish Sanitation Program -Manual of Operations

#### APPENDIX VI

Section 1

#### SELECTED REFERENCES

- AOAC 1990, Official Methods of Analysis of the Association of Official Analytical Chemists. 15th ed. Arlington, VA. Association of Official Analytical Chemists.
- Bond, R.M. 1975. Management of PSP in Canada. In Proceedings of the First International Conference on Toxic Dinoflagellate Blooms (V.R. LoCicero, ed.), Massachusetts Science and Technology Foundation, pp. 473-482.
- Devlin, I.H. 1973. Oyster Depuration Plant-Ladysmith, B.C. Operation Report.
- Devlin, I.H. and N. Neufield 1971. Oyster Depuration Plant-Ladysmith, B.C. Operation Report.
- CFIA 2006. Facilities Inspection Manual, Canadian Food Inspection Agency www.inspection.gc.ca/english/anima/fispoi/manman/fimmii/toctdme.shtml
- CFIA 2007. Fish Products Inspection Manual, Canadian Food Inspection Agency, www.inspection.gc.ca/english/anima/fispoi/manman/fpimip/toctdme.shtml
- Frost, W. J. 1925. Report of Committee on sanitary control of the shellfish industry in the United States. Supplement No. 53, Public Health Reports, Nov. 6, 1925, 17 pp.\*
- Greenberg, A.E. and D.A. Hunt 1985. Laboratory Procedures for the Examination of Seawater and Shellfish. 5th ed. Washington, D.C. The American Public Health Association, 155 pp..
- Health Canada, 1989. Health Protection Branch Laboratories Method HPB-FC-11 March 1989, Liquid Chromatographic Determination of Domoic Acid in Mussels.
- Houser, L.S. (ed.) 1964. Proceedings of Fifth National Shellfish Sanitation Workshop, 1964, November 17-19; Washington D.C., 239 p.\*
- Jensen, E.T. 1955. The 1954 national conference on shellfish sanitation, (first national workshop). Public Health Reports, 79(9).
- Jensen, E.T. 1956. Proceedings 1956 Shellfish Sanitation Workshop, (second national workshop) 1956, August 27-28;



Fisheries and Pêches et Oceans Canada Océans Canada

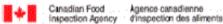
Canadian Shellfish Sanitation Program -Manual of Operations

Washington, D.C. 143 p.\*

- Jensen, E.T. 1958. Proceedings 1958 Shellfish Sanitation workshop, (third national workshop) 1958, August 26-27; Washington, D.C. 72 p.\*
- Jensen, E.T. 1961. Proceedings 1961 Shellfish Sanitation Workshop, (fourth national workshop) 1961, November 28-30; Washington, D.C. 288 p.\*
- Morrison, G. (ed.) 1968. Proceedings of Sixth National Shellfish Sanitation Workshop, 1968, February 7-9; Washington D.C. 115 p.\*
- Morrison, G. 1977. Memorandum, manual interpretation S.S. 31, Subject: evaluation of independent laboratories. Food and Drug Administration, Bureau of Foods, Washington, D.C., 1977, May 13. Available from: FDA, Shellfish Sanitation Branch, 200 C Street, S.W., Washington, DC 20204.
- Neufield, N., A. Tremblett and K. Jackson 1975. Clam Depuration Project, Ladysmith, B.C.

NSSP (see U.S. Food and Drug Administration).

- Prakash, A., J. C. Medcof and A.D. Tennant 1977. Paralytic shellfish poisoning in Eastern Canada. Bulletin 177. Fisheries Research Board of Canada, Ottawa, Canada.
- Quayle, D. B. 1969. Paralytic Shellfish Poisoning in British Columbia. Bulletin 168. Fisheries Research Board of Canada, Nanaimo, B.C., Ottawa, Canada.
- Ratcliffe, S.D. and D. S. Wilt (ed.) 1971. Proceedings of Seventh National Shellfish Sanitation Workshop, 1971, October 20-22; Washington D.C. 412 p.\*
- U.S. Food and Drug Administration, 1990 Revision. National Shellfish Sanitation Program Manual of Operations. Part I, Sanitation of Shellfish Growing Areas. Interstate Shellfish Sanitation Conference, P.O. Box 4460, Austin Texas 78765.
- U.S. Food and Drug Administration, 1990 Revision. National Shellfish Sanitation Program Manual of Operations. Part II, Sanitation of the Harvesting, Processing and Distribution of Shellfish. Interstate Shellfish Sanitation Conference, P.O. Box 4460, Austin, Texas 78765.
- U.S. Food and Drug Administration, 1993 Revision. National



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## Canadian Shellfish Sanitation Program -Manual of Operations

Shellfish Sanitation Program Manual of Operations. Part I, Sanitation of Shellfish Growing Areas. Interstate Shellfish Sanitation Conference, P.O. Box 4460, Austin Texas 78765.

- U.S. Food and Drug Administration, 1993 Revision. National Shellfish Sanitation Program Manual of Operations. Part II, Sanitation of the Harvesting, Processing and Distribution of Shellfish. Interstate Shellfish Sanitation Conference, P.O. Box 4460, Austin, Texas 78765.
- Wilt, D.S. (ed.) 1974. Proceedings of Eighth National Shellfish Sanitation Workshop, 1974, January 16-18; New Orleans LA 158 p.\*
- Wilt, D.S. 1975. Proceedings of Ninth National Shellfish Sanitation Workshop, 1975, June 25-26; Charleston, SC 150 p.\*
- Wilt, D.S. 1977. Proceedings of Tenth National Shellfish Sanitation Workshop, 1977, June 29-30; Hunt Valley MD 236 p.\*
- \* Available from: FDA Northeast Technical Service Unit, Bldg. S-26 North Kingstown, RI 02852.



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Canadian Shellfish Sanitation Program -Manual of Operations ChapterPageApp.VI4StatusDateAmend.no.1121/03/08

Section 2

### GROWING AREA SURVEY AND CLASSIFICATION REFERENCES

Baumgartner, D.J., W.E. Frick, and P.J.W. Roberts, 1994, Dilution Models for Effluent Discharges, Third edition. EPA/600/R-94/086.

- Bordner, R. and John Winter,(eds.), 1978. Microbiological Methods for Monitoring the Environment: Water and Wastes. U.S. Environmental Protection Agency EPA-600/8-78/017.
- Burkhardt, W. and K.R. Calci, 2000. Selective accumulation may account for shellfish-association viral illness, Applied and Environmental Microbiology 66(4): 1375-1378.
- Clesceri, L.S., A. Eaton and A.E. Greenberg,(eds), 1999, Standard Methods for the Examination of Water and Wastewater, 20<sup>th</sup> ed., American Public Health Association, Washington, D.C. 20005.
- Environment Canada, 1993. Marina Basin Closure Study. Prepared by Bion Research Inc. for the Canadian Shellfish Sanitation Program. 25p plus appendices.
- Faust, M.A., 1976. Coliform Bacteria from Diffuse Sources as a Factor in Estuarine Pollution. Water Research, 10: 619-627.
- Furfari, S.A., 1979a. Monitoring Programs for Shellfish Growing Areas. In: Shellfish Growing Area Survey and Evaluation Training Course, Lexington, Mass., May 17-21, 1982. U.S. Food and Drug Administration, Northeast Technical Services Unit.
- Furfari, S.A., 1979b. Bacteriological Data Analysis. In: Shellfish Growing Area Survey and Evaluation Training Course, Lexington, Mass., May 17-21, 1982.
- Furfari, S.A., 1979c. Training Course Manual. Non-point Pollution and Shellfish Sanitation. Department of Health, Eduction, and Welfare, Public Health Service, Food and Drug Administration Northeast Technical Services Unit, Davisville, Rhode Island.
- Gameson, A.L.H. (ed.) 1975. Discharge of Sewage from Sea Outfalls. Pergamon Press. (TD 420 P77 1975B)
- Garreis, J.J., 1994, Sanitary Surveys of Growing Waters. In: Hackney, C.R. and M.D. Pierson (eds.) 1994. Environmental Indicators and Shellfish Safety, Chapman and Hall, London Press, 523 pp.

Fisheries and Pêches et Oceans Canada Océans Canada Chapter<br/>App.VIPage<br/>5Status<br/>Amend.no.11Date<br/>21/03/08

## Canadian Shellfish Sanitation Program -Manual of Operations

- Greenberg, A.E. and D.A. Hunt (eds.), 1994, Laboratory Methods for the Examination of Seawater and Shellfish, American Public Health Association, Washington, D.C. 20005.
- Hackney, C.R. and M.D. Pierson (eds.), 1994, Environmental Indicators and Shellfish Safety, Chapman and Hall, London Press, 523 pp.
- Hoadley, A.W. and B.J. Dutka (eds.), 1977. Bacterial Indicators/Health Hazards Associated with Water, ASTM STP635. American Society for Testing and Materials.
- Hunt, D.A., 1977. Indicators of Quality for Shellfish Waters, In: Bacterial Indicators/Health Hazards Associated with Water, ASTM STP635. A.W. Hoadley and B.J. Dutka, eds., pp. 337-345.
- Hunt, D.A. and J. Springer, 1977. Comparison of Two Rapid Test Procedures with the Standard EC Test for the Recovery of Faecal Coliform Bacteria from Shellfish Growing Waters. J. Assoc. Off. Anal. Chem. 61(6):1317.
- Inter-State Shellfish Sanitation Conference and U.S. Food and Drug Administration, 2003 (revision), NSSP Guide for the Control of Molluscan Shellfish, U.S. Department of Health and Human Services, Public Health Service.
- Kay, B.H., 1978. Evaluation of the A-1 Medium for Rapid Recovery of Faecal Coliforms from Marine Waters. Environmental Protection Service Regional Program Report 78-9, Fisheries and Environment Canada.
- Menon, A.S., 1977. Evaluation of A-1 Medium for the Rapid Recovery of Faecal Coliforms from Marine Waters. Environmental Protection Service Technology Development Report EPS-4-AR-75.
- Mitchell, R. (ed.) 1978. Water Pollution Microbiology. Vol. 2. John Wiley and sons, Inc.
- NSSP (see U.S. Food and Drug Administration).
- Pritchard, D.W., 1965, Dispersion and Flushing of Pollutants, Chapter VIII, Report 3. 1: Evaluation of Present State Knowledge of Factors Affecting Tidal Hydraulics and Related Phenomenon, U.S. Army Corp of Engineers.
- Rippey, S.R., 1991, Shellfish-borne disease Outbreaks. Department of Health and Human Services, Public Health Services and Food and Drug Administration. Northeast Technical Services Unit, Davisville, Rhode Island, USA.



Fisheries and Pêches et Oceans Canada Océans Canada Chapter<br/>App.VIPage<br/>6Status<br/>Amend.no.11Date<br/>21/03/08

# Canadian Shellfish Sanitation Program -Manual of Operations

- U.S. Environmental Protection Agency, 1990. Technical Guidance Manual for Performing Waste Load Allocations, Book III -Estuaries, Part I - Estuaries and Waste Load Allocation Models. Washington, D.C.
- U.S. Environmental Protection Agency, 1999, Review of Potential Modeling Tools and Approaches to Support the BEACH Program, Washington, D.C. EPA 823 R99 002.
- U.S. Food and Drug Administration, 1995, Sanitary Surveys of Shellfish Growing Areas - Training Course Source Book -January 1995, U.S. Department of Health and Human Services, Public Health Service, Northeast Technical Service Unit, Shellfish Program Implementation Branch, CBC, Building S-26, Davisville, North Kingstown, Rhode Island. 407pp.
- U.S. Food and Drug Administration, 1998, USFDA Pacific Region -Waste Water Treatment Plant Worksheet. FY 7310.0041998, Molluscan Shellfish Compliance Program.
- Velz, C.J., 1981. Graphical Approach to Statistics. Reprinted from Water and Sewage Works.
- Woodward, R.L., 1957. How Probable is the Most Probable Number. Journal AWWA 449: 1060-1068.



Fisheries and Pêches et Oceans Canada Océans Canada

Canadian Shellfish Sanitation Program -Manual of Operations ChapterPageApp.VI7StatusDateAmend.no.1121/03/08

Section 3

#### DEPURATION REFERENCES

Ayres, P.A., 1978. Shellfish purification in installations using ultraviolet light. Lab. Leaflet MAFF Direct. Fish. Res. Lowestaft, (43), 20 pp.

Cabelli, Victor, and W. Paul Heffernan, 1970. Elimination of bacteria by the soft shell clam, *Mya arenaria*. Journal of the Fisheries Research Board of Canada, 27:1579-87.

Fisheries and Marine Service, and Environmental Protection Service, 1973. Regional guidelines for depuration of shellfish. Unpublished Manuscript. 24 pp + VIII.

Furfari, S.A., 1976. Depuration Plant Design. U.S. Department of Health, Education and Welfare. Public Health Service, National Shellfish Sanitation Program, Washington, D.C., 119 pp.

Kelly, C.B., 1961. Disinfection of sea water by Ultraviolet Radiation. American Journal of Public Health, 51 (11): 1670-80.

Menon, A.S., B.J. Richard, and J.P. Donnely, 1983. A Sanitary and bacteriological water quality resurvey of the St. Croix and Estuary. Environmental Protection Service, Environment Canada. Manuscript Report No. AR-83-1.

NSSP (see U.S. Food and Drug Administration).

- Piel, Edward, A. Russell Ceurvels, John Der Hovanesian, Jr., and John Pow, 197\_. Analysis of depuration for soft-shelled clams at Newburyport, Massachusetts and a program for bacteriological standards. Ches. Sci. 15(1): 49-52.
- Richard, B.J., J.P. Donnelly and A.S. Menon, 1983. Sanitary and bacteriological resurveys, Charlotte County, New Brunswick. Shellfish areas N.B. 9, 10, 12 and 16, 1982, Environmental Protection Service, Environment Canada. Manuscript Report No., AR-82-2.
- Rowell, T.W., G. Robert, K.B. Swansburg and R. Davis, 1976. Soft shell clam depuration, Digby, Nova Scotia. Fisheries and Marine Services, Technical Report No. 687 1X + 121 pp.



Fisheries and Pêches et Oceans Canada Océans Canada Chapter<br/>App.VIPage<br/>8Status<br/>Amend.no.11Date<br/>21/03/08

# Canadian Shellfish Sanitation Program -Manual of Operations

- U.S. Dept. of Health, Education and Welfare, 1982. Shellfish Sanitation, training course manual. Public Health Service, Division of Environmental Engineering and Food Protection.
- U.S. Food and Drug Administration, 1986. Sanitation of shellfish growing areas. 1986 Revision. National Shellfish Sanitation Program, Manual of Operations, Part I.
- U.S. Food and Drug Administration, 1987. Sanitation of the Harvesting, Processing and Distribution of Shellfish. 1987 Revision, National Shellfish Sanitation Program, Manual of Operations, Part II.