

APPENDIX 'C'

ABYDOZ WASTE WATER TREATMENT SYSTEM

Sewage Treatment – The proponent is proposing to use a natural wastewater treatment system provided by Abydoz Environmental.

Abydoz Environmental is a Newfoundland engineering firm specializing in consulting, design, design-built construction and operation of engineered wetland treatment systems. Canadian patent holder of the German Kickuth Root Zone Technology, Abydoz concentrates on municipal sewage and sludge, industrial wastewater, mine waste and landfill leachate.

The company and its wetland projects have won numerous awards, two of which are:

- 1) Environment Award from Professional Engineers and Geoscientists Newfoundland and Labrador (2010)
- 2) Federation of Canadian Municipalities (FCM) Award for Leadership in Storm Water and Wastewater Management in Atlantic Canada (2010)

System Advantages – Abydoz onsite wastewater technology is a sustainable solution for a wide variety of waste streams. The systems reduce resource requirements, protect the environment, and protect our climate while saving money for the system owner. They provide high process stability, biological self-regulation and a large buffer capacity. Other advantages include;

- Low to competitive construction costs
- Low operating and maintenance costs
- Long life for the system – up to 100 years
- No mechanical or moving parts
- Little or no energy is required
- No chemical additives required
- Small footprint
- Versatile and adaptable to many sites and situations
- Treated effluent can be used for irrigation
- Ideal for decentralized sewage treatment
- Subdivision housing densities can be increased
- System can be phased-in to meet demands as required
- No odors and does not attract mosquitoes
- Proven to work in Northern climates

Abudoz currently focuses its work in the Atlantic Provinces. For more information on Abydoz visit their website at www.abydoz.com.

APPENDIX 'D'

**AUDUBON COOPERATIVE SANCTUARY PROGRAM
FOR GOLF COURSES**

AUDUBON COOPERATIVE SANCTUARY PROGRAM

FOR GOLF COURSES

Audubon International

Audubon International is a not-for-profit environmental organization. Its ultimate goal is improving both the environment and quality of our lives through the introduction of ecological concepts, sustainable resource management components and the practice and ethics of environmental stewardship. (Please note that Audubon International is not in any way associated with the National Audubon Society whose purpose is to conserve and restore natural ecosystems.)

The Audubon Co-operative Sanctuary System

This is Audubon International's premier education program. It is designed to educate people about environmental stewardship and motivates them to take action in their daily lives that will enhance and protect wildlife and their habitats and conserve natural resources.

The Audubon Co-operative Sanctuary System of Canada (ACSSC)

The ACSSC (www.acssc.ca) is a Canadian non-profit environmental organization established in 1997 to promote ecologically sound land stewardship, natural resource conservation and wildlife habitat management. Affiliated with the Audubon Co-operative Sanctuary System, it directly serves Canadian members by providing environmental education and recognition for stewardship actions.

Golf Course Program

By their very nature, golf courses provide significant open spaces and opportunities to provide needed wildlife habitat in increasingly urbanized communities across North America. At the same time, golf courses are called to address environmental concerns related to the potential and actual impacts of water consumption and chemical use on local water sources, wildlife species and native habitats. The ACSP for Golf Courses provides an advisory information service to help golf courses conduct proactive environmental projects and achieve positive recognition for their efforts. Together we are enhancing the game of golf while improving the quality of the environment through stewardship action.

Certification overview – ACSP for Golf Courses

What is Certification?

Certification as an Audubon Co-operative Sanctuary, within the Audubon Co-operative Sanctuary Program (ACSP) for Golf Courses, is designed to recognize and support golf courses that have worked to ensure a high degree of environmental quality for both people and wildlife. Certification demonstrates a course's leadership, commitment and high standards of environmental management.

How does a course achieve certification?

In order to become fully certified members must properly plan, implement and document their efforts in six environmental quality areas: Environmental Planning, Outreach and Education, Wildlife and Habitat Management, Water Conservation and Water Quality Management. A "Certificate of Achievement" is granted upon completion of each category. When certification in all six categories is achieved, the course is designated a "Certified Audubon Co-operative Sanctuary". Cost of certification is covered in the yearly membership fee.

How long does full certification take?

Most courses can achieve full certification within one to three years, depending upon how quickly they plan, organize, implement and document projects in the six categories.

What is involved?

Resource Inventory and Environmental Plan – Course staff and volunteers must complete a basic inventory of the course property, including; size of areas in play and out of play; types and size of various habitats; site history; plants and wildlife present and other resources. As the staff gets a better idea of their resources, they develop an Environmental Plan. This plan is designed to help course personnel evaluate current management strategies, define goals and priorities and outline objectives for achieving environmental quality in all areas. An Environmental Plan form is provided, along with the Resource Inventory form to help the course receive our Certification Workbook, a detailed questionnaire to help the course document their activities and management practices in each remaining certification category. Once Environmental Planning certification is achieved, the remaining five categories may be submitted in any order – individually, or all at once.

Wildlife & Habitat Management – This category encompasses the management of non-play areas (and perhaps some in-play areas) to provide habitat for wildlife on the golf course. The intent of this category is to maximize the use of the available space on the course to provide the best possible habitat, given course location, size, layout and various other characteristics of the property.

Integrated Pest Management – A comprehensive IPM program employs proper cultural and pest management practices; educates workers and members about responsible plant management and safety; and ensures a clean and professional maintenance complex.

Outreach and Education – This category is designed to help course personnel gain recognition and support for environmental practices, and increase golfer and general public understanding and appreciation of wildlife and environmental quality on the golf course. A diverse resource advisory, made up of course personnel, members, local naturalists, experts and/or others is a crucial part of this category and the Audubon Co-operative Sanctuary process. This group will help plan and implement the various projects within the different certification categories and to help to ensure the long-term success of environmental management practices.

Water Conservation – Water conservation is a key environmental concern for golf courses all across Canada. Conservation management includes maximizing irrigation efficiency, determining proper irrigation times and rates; reducing hectares irrigated, recapturing and reusing water; and incorporating drought tolerant plant species.

Water Quality Management – This category includes Best Management Practices to eliminate nutrient loading and minimize water quality problems; pond, stream and wetland management; and chemical storage and handling; and close monitoring to ensure good water quality in surface and ground water.

APPENDIX 'E'
PROPONENTS CURRICULUM VITAE

CURRICULUM VITAE

Melvin Conrad Reid
Chapel Arm, Trinity Bay, NF
(709) 592-2402

PROFESSIONAL BACKGROOUND

1974 – Present

L-MAREIDO ENTERPRISES LTD. Owner and General Manager

Most recent concentration has been Real Estate holdings of the following assets:

- Rental residential homes
- Rental warehouse
- Rental general office space
- Development of land for residential, commercial, and recreational purposes

Majority of experience specializing in various forms of construction, including:

- Residential housing
- Warehouses, commercial masonry and steel buildings
- Reinforced concrete for use with building equipment, conveyor and holding tank foundations, as well as retaining walls, floor sumps, manholes, etc.

Additional experience with the following industrial building techniques:

- High pressure sand, water and chemical blasting
- Commercial painting and electrical contracting

Contracts processed by L-Mareido Enterprises Ltd.

These contracts ranged in cost from \$200,000 to \$1,333,000 over periods three to eight months each:

- Makkovik, Labrador Fish Plant
- New Harbour Elementary School
- Newfoundland Dockyard New Stream Generating Plant
- Quinlan Brothers Fish Plant
- Bonaventure Sea Foods Fish Plant
- Whitbourne RCMP residential homes
- Trinity/Placentia Shopping Mall
- St. Lawrence Fluorspar
 - Reinforced concrete for building, equipment and column foundations, tank and conveyor foundations, floor slabs, mezzanines, floor sumps man holes and ore bins
 - Excavation
 - High pressure blasting
 - Commercial painting
 - Various Mechanical and Masonry work
 - Structural steel design and erection

Town of Mount Pearl

- Employed by Reid Engineering and Construction to complete:
 - Construction of Reid Community Centre

Town of Conception Bay South

- Employed by Reid Engineering and Construction to complete:
 - Installation of Community Chamber
 - Installation of various water and sanitary sewer services

Marystow Water Improvements

- Clean-out of main water lines and intake
- Installation and repair of gate valves, relief valves, foot valves, anticipator valves, sluice gates and electron flow meters
- Electrical modifications to power supplies
- Underwater repairs

Assorted residential housing in Mount Pearl area

Erco Industries of Canada

- For 23 years L-Mareido had a number of jobs involving:
 - Steel erection
 - Siding installation
 - High pressure sand, water and chemical blasting
 - Reinforced concrete foundations
 - Masonry work
 - Office and warehouse construction, etc.

1967 – 1973

QUEBEC NORTH SHORE AND LABRADOR RAILWAY (QNS&L)

- Supervisor in Charge of Communications
- Concentration on microwave transmissions, computer repairs, data transmissions and automatic central track control
- Electronics and automatic plant technician

1964 – 1967

NEWFOUNDLAND TELEPHONE

- Electronics Instructor
- Data transmission service work, PBX, PABX, visual electronic apparatus maintenance

EXTERNAL ACTIVITIES

Current affiliations:

- Director/Vice President, School Council, Long Harbour

- Director, Advisory Council, Dr. Newhook Community Health Centre
- Trustee, Avalon Health Care Institution Board – Temporary Member on Quality Review Committee and Resource Committee
- Participant, Regional Health Forum on Reaching Consensus and Planning Ahead

Past affiliations:

- Co-Chair, Avalon West Community Development Corporation
- Chairman, Avalon West Business Development Centre
- Director, Argentia Development Corporation
- Managing Director, Bonaventure Seafood Products
- Managing Director, Trinity Placentia Shopping Mall
- General Manager, Reid Engineering and Construction Ltd.
- President and Founder, Isthmus Avalon Development Association
- Member of Advisory Board to Federal Government on job creation
- Chairman of Local Developments Association

ACCREDITATIONS

- Completed 12 week Dale Carnegie Course
- Completed 16 week Management and Supervision Program
- Completed 120 hours of Microcomputer Training
- Completed courses as Senior Estimator with Federal Government
- Licensed with Federal Government for removal of formaldehyde
- Licensed Financial Planner – including Disability and Life Insurance

REFERENCES

Available upon request