NWMO Youth Engagement Activity Report (as at November 2013)

Activity	Date
Youth Science Organizations	
Presentation and Hands-on Activities to the Girls Science Club (Grade 5 students) focused on rocks, minerals, fossils and "What Do Geologists Do"?	Spring 2010
Youth Science Canada - NWMO Sponsorship of Team Canada for the MILSET Expo-Sciences International Competition (44 youth from across Canada)	2008-2011
Youth Science Canada - NWMO Support for Bronze medal winners at 2012 Canada-Wide Science Fair	2012
Actua Sponsorship - NWMO sponsorship of Aboriginal Youth science camps and workshops	2009 - 2010
Community Investment Program - NWMO grants for local projects involving youth and community engagement.	2009-2010
Canada-wide Science Fair - Tradeshow Participation	2008 - 2012
Shad Valley Summer Enrichment Program - Bursaries to high-achieving students and presentations on "Long-term Management of Canada's Used Nuclear Fuel" (Lakehead University, University of New Brunswick, Queen's University, University of Waterloo, McMaster University, Carleton University, University of Saskatchewan)	2010-2013
Judges - Toronto Wide Science Fair	2010-2013
Youth Science Canada - Bluewater Region Science and Technology Fair Senior Fair -NWMO Award Junior Fair - NWMO Sponsorship of the Chair's Challenge	April 3, 2013 April 10, 2013
Science North - School Outreach Program NWMO sponsors in-school science workshops 2013 sponsorship will include sponsorship in First Nation communities	July 5, 2013
University of Saskatchewan Science Ambassador program	2013
Scientists in Schools - School Outreach Program NWMO sponsorship of in-school workshops in Huron-Bruce region	July 5, 2013
School Science Programs (Elementary, Secondary)	
Presentation to Humewood Community School on energy and the nuclear fuel cycle. Presentation included models and the transportation demonstration test videos.	May, 2010
Pinehouse School Presentation	Jan 19, 2011
English River First Nation Open House - Student Participation	April 1, 2011
English River First Nation Open House - Student Participation	April 1, 2011
Pinehouse Open House School Presentation	April 4, 2011
Pinehouse Open House School Presentation	April 4, 2011
Pinehouse Open House - Student Participation	April 5, 2011
Ignace Open House School Presentation	April 12, 2011

Activity	Date
Ignace Open House - Student Participation	April 13, 2011
Ignace Open House School Presentation	April 14, 2011
Ear Falls Open House - Student Participation	May 10, 2011
Ear Falls Open House School Presentation	May 11, 2011
Ear Falls Open House - Student Participation	May 12, 2011
Hornepayne Open House School Presentation	May, 2012
Wawa Open House School Presentations	May, 2012
Schreiber Open House	June 20, 2011
Schreiber Open House School Presentation	June 21, 2012
Wawa Open House	October 26, 2012
Wawa Open House - Student Participation	October 27, 2012
Hornepayne Open House School Presentation	June 17, 2012
Schreiber Open House School Presentation	June 20, 2012
Schreiber Open House School Presentation	June 21, 2012
Elliot Lake Open House - School Visit	September 17, 2012
Elliot Lake Open House - School Visit	September 18, 2012
Blind River Open House - School Visit	September 21, 2012
Blind River Open House - School Visit	September 21, 2012
Arran-Elderslie Open House School Visit	October 11, 2012
Schreiber Open House School Presentation	October 22-23, 2012
Wawa Open House School Presentations	October 26, 2012
Wawa Open House School Presentations	October 27, 2012
English River First Nation Open House School Presentation	October, 2012
White River Open House School Presentation	November 28-29, 2012
Ear Falls CLC - Highschool Presentation	May, 2013
Community Liaison Committee - Youth Representation	
Creighton Community Liaison Committee - 1 Youth Member	2012
Ear Falls Community Liaison Committee - 1 Youth Member	2012
Hornepayne Community Liaison Committee - 3 Youth Members	2012
Schreiber Community Liaison Committee - 1 Youth Member	2012
English River First Nation (ERFN) Community Liaison Committee - 2 Youth Members	2012
Pinehouse Community Liaison Committee - 2 Youth Members	2012

Activity	Date
Post-Secondary Presentations	
Technical	
Presentation to Geology students (4th Year) on the NWMO and Deep Geological Repository project (Queen's University)	November, 2006
Presentation to Geology students (4th Year) on the NWMO and Deep Geological Repository project (Queen's University)	November, 2007
Presentation to 4th Year Engineering students on nuclear waste management and corrosion issues of used fuel containers (University of Ottawa)	April, 2008
Presentation to Geology and Geological Engineering students on the "Long-term Management of Canada's Used Nuclear Fuel" with a special focus on the NWMO's geoscience research and development program. (Queen's University)	October, 2008
Presentation to the Masters Engineering students on the management of low and intermediate level radioactive waste (University of Western Ontario)	June, 2009
Presentation to Geology and Geological Engineering students on the "Long-term Management of Canada's Used Nuclear Fuel" with a special focus on the NWMO's geoscience research and development program. (Queen's University)	October, 2009
Presentation to Nuclear Engineering students (4th Year) on Adaptive Phased Management and the "Long-term Management of Canada's Used Nuclear Fuel" (University of Ontario Institute of Technology)	October, 2009
Presentation to Occupational Health and Safety students on nuclear waste management. (Ryerson University)	November, 2009
Presentation to UOIT Graduate students on the APM Technical Program (University of Ontario Institute of Technology)	March, 2010
Presentation to 4th Year Engineering students on nuclear waste management and used fuel container design (University of Ontario Institute of Technology)	May, 2010
Presentation to University of Western Ontario Professors of Civil Engineering on the APM Technical program (University of Western Ontario)	December, 2010
Guest Lecture to the Research Seminar in Environmental Science on "Long-term Management of Canada's Used Nuclear Fuel" (University of Toronto - Scarborough Campus)	February, 2011
Presentation to the Microbiology Research Group on "Long-term Management of Canada's Used Nuclear Fuel" (Ryerson University)	February, 2011
Presentation to the Mining Engineering Department on the research, development and design aspects of the APM deep geological repository project (Queen's University)	March, 2011
Presentation "Overview: Ontario Power Generation’s Proposed Deep Geologic Repository" (LILW) (University of Guelph)	June, 2011
Presentation to 4th Year Engineering students on nuclear waste management and used fuel container design (University of Ontario Institute of Technology)	October, 2011
Presentation " An Introduction to Hydrogeologic Aspects of the Deep Geological Repository Concept for Nuclear Waste Management" (University of Toronto)	October, 2011
Presentation "Siting of the Canadian Used Nuclear Fuel Deep Geological Repository"	November, 2011
Seminar Presentation "The Nuclear Waste Management Organization: Geosciences Overview"	November, 2011
Presentation: "An Introduction to Canada's Adaptive Phased Management (APM) Plan for Used Nuclear Fuel/Overview of NWMO's APM Geoscience Applied Research Program" and "Glaciation and Geosphere Evolution - Greenland Analogue Project" (Course: Current Questions in Mathematics and Sciences") (University of Toronto - Scarborough Campus)	January, 2012

Activity	Date
Seminar Presentation: "The Nuclear Waste Management Organization: Geosciences Overview" (University of Ottawa)	January, 2012
Guest Lecture: "An Introduction to Canada's Adaptive Phased Management (APM) Plan for Used Nuclear Fuel/Overview of NWMO's APM Geoscience Applied Research Program" and "Microbiological Considerations for the Performance of a DGR for Used Nuclear Fuel" (Course: Research in Environmental Science) (university of Toronto - Scarborough Campus)	February, 2012
Guest Lecture: "An Introduction to Canada's Adaptive Phased Management (APM) Plan for Used Nuclear Fuel/Overview of NWMO's APM Geoscience Applied Research Program" (Joint Course: - Environmental Engineering and Department of Earth and Environmental Sciences) (University of Waterloo)	February, 2012
Seminar Presentation: "The Nuclear Waste Management Organization: Geosciences Overview" (McGill University)	March, 2012
Guest Lecture: "An Introduction to Canada's Adaptive Phased Management (APM) Plan for Used Nuclear Fuel/Overview of NWMO's APM Geoscience Applied Research Program" (Course: EES1106 Master of Environmental Science) (University of Toronto - Scarborough Campus)	March, 2012
Guest Lecture: "An Overrview of NWMO's Geoscience Activities in Support of a Deep Geological Repository for Used Nuclear Fuel" (Course: Earth Processes, Resources and the Environment) (University of New Brunswick)	March, 2012
Seminar Presentation: "Overview of Engineering Design, Research & Development - The Long-Term Management of Canada's Used Nuclear Fuel " (Queen's University)	October, 2012
Guest Lecture: "The Nuclear Waste Management Organization: Geosciences Overview" (University of Toronto)	October, 2012
Guest Lecture: "The Nuclear Waste Management Organization: Geosciences Overview" (university of Calgary)	November, 2012
GeoEngineering Centre - Graduate Lecture Series: "The Nuclear Waste Management Organization: Geosciences Overview" (Queen's University)	November 14, 2012
Guest Lecture: "The Nuclear Waste Management Organization: Geosciences Overview"(Course: 3rd Hydrogeology) (Queen's University)	November 14, 2012
Course Project Support - Nuclear Waste Management (University of Calgary)	November 2012
Guest Lecture: Department of Physical and Environmental Science (Univeristy of Toronto - Scarborough Campus) "An overview of microbiological research programs supporting the development of a deep geological repository for used nuclear fuel"	January 22, 2013
Social	
Presentation to the University of Guelph Graduate Class: Engaging Communities in Public Planning" (University of Guelph)	October 19, 2011
Presentation to the University of Guelph Undergraduate Class: Environmental Impact Assessment (Dept. of Geography) (University of Guelph)	February 16, 2012
Presentation to Georgian College Environmental Awareness Class	December 5, 2012
Presentation to Laurentian University, Sudbury Campus	January 4, 2013
Postgraduate Studies	
Natural Sciences and Engineering Research Council (NSERC) - Support to 7 candidates through the Industrial Postgraduate Scholarships (IPS) Program since 2009. (University of Toronto, University of Waterloo, University of New Brunswick, Queen's University)	2009 - present
Ph.D. Candidate Mike Makahounak , Thesis "Water/Rock Interaction Related to Mineralogy, Paleoclimate, and Long Term Rock Stability Studies" (University of Waterloo)	2010 - present

Activity	Date
Ph.D. Candidate Magda Celejewski, Thesis "Porewater extraction from low porosity sedimentary rocks" (University of New Brunswick)	2011 - present
Support to Chair, Indigenous Governance (Ryerson University)	2009-2011
Support to Chair, Nuclear Fuel Disposal Chemistry (University of Western Ontario)	2006-2010
Career Fairs, Summer and Cooperative Education Students	
2 Students hired - Aboriginal Relations	2008
2 Co-operative Education students hired - Repository Engineering and Regulatory Affairs	2010
2 Co-operative Education students hired - Repository Engineering	2011
2 Summer Students hired - 1 Regulatory Affairs, 1 Used Fuel Container Development.	2012
1 Summer Student hired - Repository Safety	2013
Student and Young Professional Science Associations	
Presentation to students in attendance at the Canadian Nuclear Association (CNA) Conference focused on the NWMO, future growth and job opportunities	February, 2008
Presentation to Women in Nuclear - Youth Participation	October 25, 2012
Aboriginal Youth Forums	
Youth Outdoor Wellness Conference (Ile-a-la-Crosse, SK, Friendship Centre)	2005 - 2011
NWMO Summer Student Project - Projects to explore two-way communication with Aboriginal peoples and build awareness and understanding	2007-2008
NWMO Elders Forum #4 - Youth Participation and Seperate Youth Meeting	June 4, 2008
NWMO Elders Forum #5 - Youth Participation	March 31, 2009
NWMO Elders Forum #6 - Youth Participation	July 28, 2009
NWMO Elders Forum #7 - Youth Participation and Seperate Youth Presentation	July 13, 2010
NWMO Elders Forum #8 - Youth Participation	October 21, 2010
NWMO Elders Forum #9 - Youth Participation	July 2011
NWMO Elders Forum #10 - Youth Participation and Seperate Youth Meeting	November 2011

Activity	Date
Niigani Meetings 2008 - Youth Attendance Niigani Meetings 2009 - Youth Attendance Niigani Meetings 2010 - Youth Attendance	February 25, 2008 March 28, 2008 September 15, 2008 November 12, 2008 January 22, 2009 February 18-20, 2009 June 10, 2009 September 13-14, 2009 November 23-25, 2009 March 2, 2010 March 31, 2010 May 19, 2010 September 28-29, 2010 November 30, 2010 December 2, 2010
Aboriginal Energy Forum (Niigani Youth Participation)	2007
"Youth Understanding Used Nuclear Fuel Seminar" (Niigani Youth)	May 21-22, and October 22-2010
Niigani Youth participation at Chiefs of Ontario Dialogue Meeting	November 16-20, 2009
Traditional Knowledge Project and follow-up Traditional Knowledge Workshop - Niigani Youth Participation	2008
Community Involvement Project - Niigani Youth Participation	2010
Youth Information Session - Grand Council Treaty #3 Giibimidowing Gidakiiminaan – Keeping, Respecting and Caring For Our Land - Treaty #3 Youth & Elder Forum	August 22, 2012
Nishnawbe Aski Nation - Embace Life Forum Information booth	March 7-8, 2013
Assembly First Nations Youth Council, APM Presentation	March 9, 2013
Grand Council Treaty #3 Youth Executive Council Meeting NWMO Briefing	March 17-18, 2013
Fort William First Nation Mining Conference - Information Session - NWMO booth	March 25-26, 2013
Pays Plat First Nation - Information Booth at Pays Plat Cultural Awareness Week	July 23, 2013
Metis Nation of Ontario Annual General Assembly	August 24-26, 2013
Federation of Saskatchewan Indian Nations, Youth Leadership Conference	November 20, 2013
NWMO Youth Roundtable	

Activity	Date
NWMO Youth Roundtable	2008-2009
NWMO Progress Report to Youth Roundtable	2010
Social Research and Dialogue	
E-Dialogues Among Young Canadians	November 29, 2004
Public Attitude Research Surveys	2003, 2004, 2005, 2008,
Citizen Panels - (2007) Phase 1 - General Review of NWMO Materials; (2008) Phase 2 - Review of Summary of Study Findings and Explored Objectives; Phase 3 - Draft Implementation Plan; Phase 4 - Developing the Site Selection Process	2007, 2008
Multi-Party Dialogues	September and October 2008 - 2009
Focus Groups (4) - NWMO Backgrounder	May 2010
Focus Groups (4) - NWMO Exhibit	October 2010
Communications Materials and Resources	
Online Virtual Exhibit (in development)	2013