

Osoyoos Lake Water Science Forum

FINAL AGENDA

Venues: **Nk'mip Desert Cultural Centre** (see map on page 4)
1000 Rancher Creek Road, Osoyoos BC, Phone: (250) 495-7901

Sonora Community Centre (see map on page 4)
8505 68th Avenue, Osoyoos BC, Phone: (250) 495-6562

Sunday September 16, 2007 **Welcome reception at Nk'mip Desert Cultural Centre**

5:00–7:30 pm **Welcome reception**

- Welcome – Chief Clarence Louie, Osoyoos Indian Band
- Overview of First Nations perspectives on fish, water and land management – Deana Machin, Fisheries Program Manager, Okanagan Nation Alliance
- Overview of Confederated Tribes of the Colville Reservation perspectives on fish, water and land management – Joe Peone, Confederated Tribes of the Colville Reservation (invited)

Monday September 17, 2007 **Science associated with Osoyoos Lake - past, present and future research needs (at Sonora Community Centre)**

7:00–8:00 am **Continental breakfast at the Science Forum**

8:00–9:30 am **Opening plenary session**

- Welcome to Osoyoos Band Traditional Territory and opening prayer – Chief Louie, Osoyoos Indian Band
- Welcomes and opening remarks
 - John Slater, Mayor of Osoyoos and Chair of the Okanagan Basin Water Board
 - Chuck Spieth, Mayor of Oroville
 - Irene Brooks and Jack Blaney, IJC Commissioners
 - Senator Ross Fitzpatrick
 - Mark Pendergraft, Regional District Director, Regional District Okanagan-Similkameen
- History of Osoyoos Lake – Brian Symonds, Director, Regional Operations Penticton, BC Ministry of Environment and Web Hallauer

9:30–10:15 am **Scientific findings in water quality**

- Upstream Okanagan River and Osoyoos Lake – Vic Jensen, Environmental Impact Biologist, Environmental Quality Section Penticton, BC Ministry of Environment
- Osoyoos Lake – Lionel Dallas, President, Osoyoos Lake Water Quality Society

- 10:15–10:30 am Break**
- 10:30–11:15 am Scientific findings in water quality (continued)**
- Osoyoos Lake flushing rates and water quality – Don McQueen,. Emeritus Research Professor, York University, Toronto, Adjunct Professor, Simon Fraser University, Vancouver.
 - Osoyoos Lake and Okanogan River downstream – Denise Mills, Section Manager, Water Quality Program, Central Region, Washington State Department of Ecology
- 11:15–Noon Impacts on water quality: what do we and don’t we know?**
- Groundwater issues – Pana Athanasopolous
 - Land use planning – Agriculture, Irrigation, and Water Quality – Denise Nielsen, Research Scientist, Environmental Health, Summerland, Agriculture and Agri-Food Canada
- Noon–1:00pm Group lunch (catered)**
- 1:00–1:45 pm Impacts on water quality: what do we and don’t we know? (continued)**
- Sewer system, septic tanks, urban runoff – Ken Hall, Professor Emeritus, University of British Columbia
 - Restoring natural channel morphology and habitat – Steve Matthews, Section Head, Fish and Wildlife Science and Allocation Section Penticton
- 1:45–2:30 pm Scientific findings: the influence of water quality and quantity on fisheries and species-at-risk**
- Temperature and dissolved oxygen impacts on Fish – Paul Rankin, Biologist, Salmon Section, Fisheries and Oceans Canada
 - The effect of water quality/quantity on salmon migration and spawning – Margot Stockwell, Biologist, Salmon Section, Fisheries and Oceans Canada
 - Plant and animal species at risk – Orville Dyer, Wildlife Biologist, Fish and Wildlife Science and Allocation Section Penticton
- 2:30–3:30 pm Lake water quality case studies – how others approach filling water quality data gaps and assessment**
- Osoyoos Lake DDT Study, State of Washington Department of Ecology – Brandee Era-Miller, Environmental Specialist, Environmental Assessment Program, Washington State Department of Ecology
 - Moses Lake nutrient management decision support modeling – Dave Knight, Watershed Unit Lead, Water Quality Program, Eastern Region, Washington State Department of Ecology
 - *Panel on data and knowledge gaps and possibly how to fill them*
 - Kim Hyatt, Steve Matthews, Brandee Era-Miller, Dave Knight, Clint Alexander (facilitator)

3:30–3:45 pm Break

3:45–4:15 pm Water and climate change in Osoyoos Basin

- Possible water quantity/quality scenarios under climate change – Clint Alexander, Team Leader, Fisheries and Aquatic Resource Management, ESSA Technologies Ltd.
- Influence of climate change on fish assemblages – Kim Hyatt, Research Scientist, Salmon Section, Fisheries and Oceans Canada

4:15–5:00 pm Perspectives on flow augmentation

- Past and present exploration of water diversions from the Similkameen – Kris Kauffman, President, Water Rights Inc., Lakewood, WA
- BC provincial perspective – Brian Symonds, Director, Regional Operations Penticton, BC Ministry of Environment
- Washington state perspective – Tom Tebb, Water Resources, Washington State Department of Ecology

5:00 pm Adjourn

Tuesday September 18, 2007 Transboundary community stewardship and Osoyoos Lake sustainability (at Sonora Community Centre)

7:00–8:00 am Continental breakfast at the Science Forum

8:00–9:00 am Bi-lateral watershed stewardship perspectives

- British Columbia Washington Environmental Cooperation Council – David Grace, Senior Policy Advisor, Intergovernmental & External Relations Branch Victoria & Tom Laurie, Intergovernmental Liaison, Washington State Department of Ecology
- Okanagan Basin Water Board – Anna Warwick Sears, Okanagan Basin Water Board
- IJC's International Osoyoos Lake Board of Control activities – Glen Davidson, Director, Management and Standards Branch, BC Ministry of Environment

9:00–10:15 am Communication and technical information sharing; existing mechanisms and options for improvements

- State of Washington water quality website information - Mark Peterschmidt, TMDL Lead, Water Quality Program, Central Region, Washington State Department of Ecology
- BC Ministry of Environment web information - Vic Jensen, Environmental Impact Biologist, Environmental Quality Section Penticton, BC Ministry of Environment
- SPOKE - Connecting land and water information for the Okanagan through the web - Beverly McNaughton, Senior Scientist, Pacific and Yukon Water Quality Monitoring, Environment Canada
- The Okanagan Fish and Water Management Tools Decision Support System – Kim Hyatt, Research Scientist, Salmon Section, Fisheries and Oceans Canada

10:15–10:30 am Break

10:30–11:30 am Municipal and regional urban planning update

- Oroville City and Okanogan County planning and water management - Chris Branch, Planning Director, City of Oroville, WA
- Innovative storm water management – Steve Shannon, Assistant Planner, Town of Osoyoos Planning Department
- Regional District of Central Okanagan - Leah Hartley (invited), Regional Planner, Regional District of Central Okanagan

11:30–12:30 pm Group lunch (catered)

12:30–2:00 pm Stewardship activities and programs - near and far; the role of governments in community stewardship

- Okanogan Conservation District stewardship programs – Craig Nelson, Okanogan Conservation District
- Lake/Water stewardship programs – Carolyn Johns & Kristi Carter (invited), Project Coordinators, BC Lake Stewardship Society
- Oroville-Tonasket Irrigation District – Tom Scott, Secretary/Manager, Oroville-Tonasket Irrigation District
- Osoyoos Oxbow Society Restoration Program – Brian Guy, Summit Environmental Consultants Ltd. and/or Eike Scheffler

2:00–2:15 pm Break

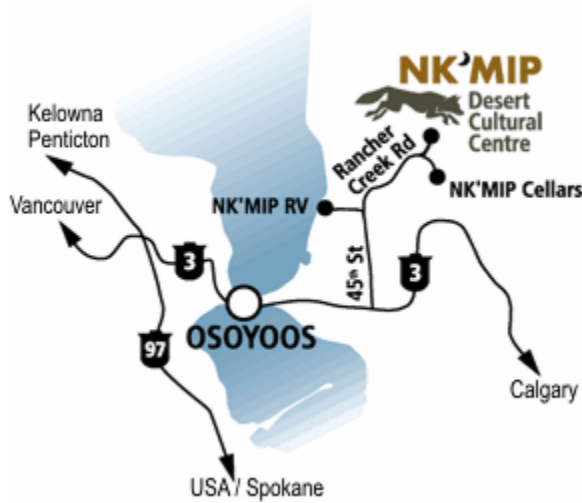
2:15–5:00 pm *Facilitated full audience round table discussion – working collaboratively towards a sustainable Osoyoos Lake (and Okanogan Basin)*

- Denise Mills, Brian Symonds, Deanna Machin, Joe Peone, Chris Branch, John Slater, Dennis Beich, Barry Rosenberger, Bernie Bauer, Clint Alexander (facilitator)

5:00 pm Adjourn



Nk'mip Desert Cultural Centre



Sonora Community Centre (red arrow on inset map)

