

**WATER POLICY BRANCH
SURFACE WATER SECTION
WATER QUALITY TEAM**

**LISTING OF SURFACE WATER QUALITY REPORTS
BY KEYWORDS**

HOW THIS LISTING WORKS:

- 1) Keywords are in alphabetical order.
- 2) Look up the Keyword in the Index; go to the listed page number.
- 3) The report title appears after the Keyword. A Report may appear twice, under two different Keywords.
- 4) Many reports are available electronically. Reports in .pdf format are hyperlinked ([W####](#)) from this Listing and may be downloaded here or through [ESRD's Information Centre](#). Print copies can be obtained through the Information Centre or by e-mailing us at AENV-Web.SWQ@gov.ab.ca
- 5) Some of the reports listed are available for loan through the Alberta Government Library. Contact them at library.agl@gov.ab.ca or (780) 427-2985.

—A—		Eutrophication.....	11
Agriculture	1	—F—	
Algae	3	Field Lake	11
ALMS	3	Fish.....	11
AOSERP	1	Frank Lake	12
AOX.....	1	—G—	
Aquatic Ecosystems	4	Garner Lake.....	12
Athabasca Oil Sands	5	Ghost River	12
—B—		Glenmore Reservoir	12
Baptiste Lake.....	6	Goose Lake	12
Battle River	6	Grand Valley Creek.....	12
Bear River	6	Gregg Lake.....	12
Beauvais Lake	6	Gregg River.....	12
Beaver River	6	Gregoire Lake.....	12
Bioassay	6	Guidelines	12
Bonnie Lake	7	Gull Lake.....	13
Bow River	7	—H—	
Brochure.....	8	Halfmoon Lake	13
Buck Lake	9	Hardisty Creek	13
Buffalo Lake	9	Highwood River.....	13
Burnstick Lake	9	—I—	
—C—		Industries.....	13
Chain Lakes.....	9	Inventory	13
Chestermere Lake	9	Invertebrates.....	13
Chlorine.....	9	Island Lake	15
Chlorophyll	9	Islet Lake.....	15
Coal Mine.....	9	—J—	
Cold Lake.....	10	Jackfish Lake.....	15
Cold River.....	10	Jarvis Lake	15
Contingency Plan	10	—L—	
Cooking Lake.....	10	Lac Cardinal	16
Crawling Valley Res	10	Lac La Biche	16
Crimson Lake.....	10	Lac La Nonne.....	16
—D—		Lac Ste. Anne.....	16
Dam.....	10	Lake Isle	16
Data Summary.....	10	Lakes - Central	17
Dillberry Lake	10	Lakes - Lakeland	17
Drinking Water	10	Lakes - Northern	18
—E—		Lakes - Southern	18
Effluent	10	Lesser Slave Lake	18
Elbow Lake	11	Lesser Slave River	18
Elbow River	11	Limnology.....	19
Elkwater Lake	11	Literature Review.....	19
Ells River	11	Little Bow River.....	19
Ethel Lake	11	Long Lake	19

KEYWORD**REPORT TITLE****STATUS/BOX/FILE**

Lovett River	19	—S—	
—M—		Saline.....	32
Mann Lakes.....	19	Sand River.....	32
Matchayaw Lake.....	19	Sandy Lake.....	32
McLeod Lake.....	19	Saskatoon Lake.....	32
McLeod River.....	20	Sediment.....	32
Microbiology.....	20	Selenium.....	33
Milk River.....	20	Sewage Treatment.....	33
Minnie Lake.....	20	Shorncliffe Lake.....	34
Miquelon Lake.....	20	Skeleton Lake.....	34
Moonshine Lake Reservoir.....	21	South Heart Dam.....	34
Mosquito Creek.....	21	Spruce Coulee Reservoir.....	34
Multi-media.....	21	SSR Basin.....	31
Muriel Lake.....	21	Steele Lake.....	34
Muskeg River.....	21	Stormwater Lakes.....	34
—N—		Sturgeon Lake.....	34
Nakamun Lake.....	23	Sylvan Lake.....	34
Newell Lake.....	23	—T—	
Nose Creek.....	23	Target Loading.....	34
NRBS.....	23	Taste & Odour.....	34
NSR.....	21	Thunder Lake.....	35
—O—		Trophic Status.....	35
Objectives.....	24	Tucker Lake.....	35
Oxygen.....	25	—U—	
—P—		Urban Runoff.....	35
Pakowki Lake.....	26	—V—	
Paleolimnology.....	26	Volunteer Program.....	35
Peace River.....	26	—W—	
Peace-Athabasca.....	26	Wabamun Lake.....	39
Pembina River.....	27	Wapiti-Smoky Rivers.....	39
Pesticides.....	27	Well Blowouts.....	40
Pharmaceutical.....	27	Wetlands.....	40
Pigeon Lake.....	27	Winagami Lake.....	40
Pine Lake.....	28	Wizard Lake.....	40
PPWB.....	26	WQ General.....	36
Provincial Parks.....	29	WQ Index.....	37
Pulp Mills.....	29	WQ Overview.....	37
—R—		WQ Survey.....	38
Recreation.....	30	WQ Trends.....	38
Reesor Lake Reservoir.....	30	WRUG.....	40
Rehabilitation.....	30		

A		Eutrophication.....	11
Agriculture	1	F	
Algae	3	Field Lake	11
ALMS	3	Fish.....	11
AOSERP	1	Frank Lake	12
AOX.....	1	G	
Aquatic Ecosystems	4	Garner Lake.....	12
Athabasca Oil Sands	5	Ghost River	12
B		Glenmore Reservoir	12
Baptiste Lake.....	6	Goose Lake	12
Battle River	6	Grand Valley Creek.....	12
Bear River	6	Gregg Lake.....	12
Beauvais Lake	6	Gregg River.....	12
Beaver River	6	Gregoire Lake.....	12
Bioassay	6	Guidelines	12
Bonnie Lake	7	Gull Lake.....	13
Bow River	7	H	
Brochure.....	8	Halfmoon Lake	13
Buck Lake	9	Hardisty Creek	13
Buffalo Lake	9	Highwood River.....	13
Burnstick Lake	9	I	
C		Industries.....	13
Chain Lakes.....	9	Inventory	13
Chestermere Lake	9	Invertebrates.....	13
Chlorine.....	9	Island Lake	15
Chlorophyll	9	Islet Lake.....	15
Coal Mine.....	9	J	
Cold Lake.....	10	Jackfish Lake.....	15
Cold River.....	10	Jarvis Lake	15
Contingency Plan	10	L	
Cooking Lake.....	10	Lac Cardinal.....	16
Crawling Valley Res	10	Lac La Biche	16
Crimson Lake.....	10	Lac La Nonne.....	16
D		Lac Ste. Anne.....	16
Dam.....	10	Lake Isle	16
Data Summary.....	10	Lakes - Central	17
Dillberry Lake	10	Lakes - Lakeland	17
Drinking Water	10	Lakes - Northern	18
E		Lakes - Southern	18
Effluent	10	Lesser Slave Lake	18
Elbow Lake	11	Lesser Slave River	18
Elbow River	11	Limnology.....	19
Elkwater Lake	11	Literature Review.....	19
Ells River	11	Little Bow River.....	19
Ethel Lake	11		

KEYWORD**REPORT TITLE****STATUS/BOX/FILE**

Long Lake	19	Rehabilitation	30
Lovett River	19	<i>S</i>	
<i>M</i>		Saline	32
Mann Lakes	19	Sand River	32
Matchaway Lake	19	Sandy Lake	32
McLeod Lake	19	Saskatoon Lake	32
McLeod River	20	Sediment	32
Microbiology	20	Selenium	33
Milk River	20	Sewage Treatment	33
Minnie Lake	20	Shorncliffe Lake	34
Miquelon Lake	20	Skeleton Lake	34
Moonshine Lake Reservoir	21	South Heart Dam	34
Mosquito Creek	21	Spruce Coulee Reservoir	34
Multi-media	21	SSR Basin	31
Muriel Lake	21	Steele Lake	34
Muskeg River	21	Stormwater Lakes	34
<i>N</i>		Sturgeon Lake	34
Nakamun Lake	23	Sylvan Lake	34
Newell Lake	23	<i>T</i>	
Nose Creek	23	Target Loading	34
NRBS	23	Taste & Odour	34
NSR	21	Thunder Lake	35
<i>O</i>		Trophic Status	35
Objectives	24	Tucker Lake	35
Oxygen	25	<i>U</i>	
<i>P</i>		Urban Runoff	35
Pakowki Lake	26	<i>V</i>	
Paleolimnology	26	Volunteer Program	35
Peace River	26	<i>W</i>	
Peace-Athabasca	26	Wabamun Lake	39
Pembina River	27	Wapiti-Smoky Rivers	39
Pesticides	27	Well Blowouts	40
Pharmaceutical	27	Wetlands	40
Pigeon Lake	27	Winagami Lake	40
Pine Lake	28	Wizard Lake	40
PPWB	26	WQ General	36
Provincial Parks	29	WQ Index	37
Pulp Mills	29	WQ Overview	37
<i>R</i>		WQ Survey	38
Recreation	30	WQ Trends	38
Reesor Lake Reservoir	30	WRUG	40

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
		<u>1494-W-####</u>
AOSERP	Water Quality of the Athabasca OilSands Area A Regional Study. AOSERP Report L-85	X8502
AOX	Absorbable Organic Halide (AOX) Sampling in the Athabasca & Wapiti-Smoky Rivers Fall & Winter 89/90	W9022
Acid Deposition	An assessment of the potential sensitivity of Alberta lakes to acidic deposition	W8717
Acid Deposition	The sensitivity of Alberta lakes and soils to acidic deposition - overview report	W8718
Acid Deposition	A Summary of Acidification Assessment Data for 107 Lakes in Northern Alberta	W8803
Acid Deposition	A Summary of Lake Locations and Methods of Analyses Used in the Acid-sensitivity Assessment of Alberta Lakes	W8805
Acid Deposition	A Summary of pH, Calcium, Alkalinity and TDS Data Compiled for the Production of Acid Sensitivity Maps for Alberta Lakes	W8805B
Acid Deposition	A Discussion Paper on Target Loading Estimates for Acidic Deposition in Alberta	W8812
Acid Deposition	A review of approaches for setting acidic deposition limits in Alberta	W9014
Acid Deposition	The Sensitivity of Alberta Lakes to Acidic Deposition (Paper)	W9508
Acid Deposition	Sensitivity of Alberta Lakes to Acidifying Deposition: An Update of Sensitivity Maps with Emphasis on 109 Northern Lakes	W9603
Acid Deposition	Influence of Peatlands on the Acidity of Lakes in Northeastern Alberta, Canada (Paper)	W9706
Acid Deposition	Application of Critical, Target, and Monitoring Loads for the Evaluation And Management of Acid Deposition	X9911
Agriculture	Livestock Assessment in the Little Bow Drainage Basin, March 1983	W8310
Agriculture	Agricultural impacts on surface water quality	X9201
Agriculture	Agricultural runoff and lake water quality	W9302
Agriculture	Integration of Agricultural Land Use Databases in Alberta	X9401
Agriculture	Impacts of Agriculture on Surface Waters in AB: Study Design; also see Phase 2 plus all Appendices A,B,C,D	X9503/ X9504-

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Agriculture	CAESA Water Quality Program - An Integrated Assessment	X9602
Agriculture	Impacts of Agriculture on Surface Waters in Alberta: Provincial Stream and Standing Water Bodies Surveys Site Selection and Study Design	X9604
Agriculture	Impacts of Agriculture on Alberta's Water Quality - Progress Report	X9606
Agriculture	Agriculture and Water Quality - Best Management Practices for Minnesota	X9607
Agriculture	Alberta's Surface Water Quality Project (Paper)	W9705
Agriculture	Pesticides in Alberta Surface Waters (CAESA Paper)	W9708
Agriculture	Agricultural Impacts on Water Quality in Alberta - An Initial Assessment	X9801A
Agriculture	Impacts of Agriculture on Surface Water Quality in Alberta. Part I. Haynes Creek Study Part II. Provincial Stream Survey Part III. Pesticides in Small Streams and Lakes	X9801B X9801C X9801D
Agriculture	Green Matters – A Newsletter from the Alberta Environmentally Sustainable Agriculture Council	X9902
Agriculture	Agricultural Nonpoint Pollution Models: Validation for Use in Alberta	X9903
Agriculture	Surface Water Quality Assessment for Agriculture: A Guide for Water Quality Monitoring	X9904
Agriculture	Modelling with AGNPS and SWRRB-WQ (Agricultural Surface Water Quality Models)	X9905
Agriculture	A Water Quality Index for Agricultural Streams in Alberta: The Alberta Agricultural Water Quality Index (AAWQI) (AESA report) (We have a copy on disk in .pdf format; filed within original reports system)	X9906
Agriculture	Water Quality Monitoring Program 1997 Annual Technical Report. Water Quality Monitoring of Agricultural Streams and Lakes	X9907
Agriculture	Water Quality Monitoring Program 1998 Annual Technical Report. Water Quality Monitoring of Small Streams in Agricultural Areas	X0005
Agriculture	Watershed Selection for the AESA Stream Water Quality Monitoring Program	X0010
Agriculture	Building Community Partnerships A Guide to Creating Effective Land and Water Stewardship	X0101
Agriculture	Water Quality: Gathering Baseline Data on Pesticides in Aspen Parkland Wetlands (article for NAWNP/DU Biodiversity Newsletter)	X0202
Agriculture	A Review of Trend Analysis Methodologies for Water Quality Time Series (AAFRD/AENV)	X0205

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Agriculture	Water Quality Monitoring Program 2000 Annual Technical Report. Water Quality Monitoring of Small Streams in Agricultural Areas (on AAFRD Web site)	X0206
Agriculture	Soil Phosphorus Limits for Agricultural Land in Alberta (on AARD Web site)	X0511
Agriculture	Assessment of Environmental Sustainability in Alberta's Agricultural Watersheds (on AARD Web site)	X0802
Agriculture	Nutrient Beneficial Management Practices Evaluation Project 2007-2011 2007 Progress Report	X0803
Agriculture	AESA Water Quality Monitoring Project. Volume 3 (on AARD Web site)	X0804
Agriculture	Pilot Study to Evaluate the Practicality of Aquatic Ecosystem Monitoring in Small Agricultural Streams in Alberta	W0901
Agriculture	Assessment of Environmental Sustainability in Alberta's Agricultural Watersheds Volumes 1-5 (volumes 1-5 available on CD only – volume 1 available online)	X0902
Agriculture	Nutrient Beneficial Management Practices Evaluation Projects 2007-2011. 2008 Progress Report Summary	X0903
Agriculture	Nutrient Beneficial Management Practices Evaluation Projects 2007-2012. 2009 Progress Report Summary (on AARD Web site)	X0904
ALMS	Lake Management - The Alberta Experience - Alberta Lake Management Society Workshop, Nov. 1-2, 1991 (paper released through ALMS)	W9205
ALMS	Alberta Lakes: Uses and Conflicts. Proceedings from the 2 nd Annual Workshop of the Alberta Lake Management Society	X9304
ALMS	Managing Western Canadian Lakes: Demands, Issues and Solutions - Proceedings from the 3rd Annual Workshop of the ALMS	X9402
ALMS	Life in the Lakeland - Proceedings from the 4th Annual Workshop of the Alberta Lake Management Society - Sept.30-Oct.1, 1995	X9603
ALMS	Alberta Lake Management Society Lakewatch 1999 Report	X0008
Algae	A report on the nuisance growth of filamentous algae in the South Saskatchewan River Basin	W7709
Algae	Analysis of the Cladophora Problem (South Saskatchewan River)	W7710
Algae	Phytoplankton Data Summary 1976 - 1980	W8001
Algae	A Review of Epilithic Algal Biomass, Nutrient and Nonfilterable Residue Data for Major Alberta River Basins	W8802
Algae	Blue-Green Algal Toxicity (brochure) Updated February 1996	W8921

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Algae	Algal Blooms Brochure Updated February 1996	W8923
Algae	Occurrence and Concentration of the Cyanobacterial Liver Toxin, Microcystin-LR, in Alberta Lakes of Varying Trophic State	X9601
Algae	Cyanobacterial (“Blue-Green Algae”) Blooms (replaced Algal Blooms Brochure)	W0703
Algae	Cyanobacterial (“Blue-Green Algae”) Toxicity (replaced Algal Toxicity Brochure)	W0704
Algae	Cyanobacterial (“Blue-Green Algae”) Blooms and Toxicity (combined Blooms and Toxicity brochures)	W0805
Algae	Pilot Study to Evaluate the Practicality of Aquatic Ecosystem Monitoring in Small Agricultural Streams in Alberta	W0901
Algae	Review of Benthic Invertebrates and Epilithic Algae at Long-term Monitoring Sites in the Bow River	W0902
Algae	Alberta Environment Cyanotoxin Program Status Report	W1001
Algae	An Assessment of Sediment Quality, Benthic Invertebrates and Epilithic Algae in the North Saskatchewan River Based on 2007 and 2008 data (released through Central Region)	W1004
Algae	High microcystin concentrations occur only at low nitrogen-to-phosphorus ratios in nutrient-rich Canadian lakes	X1201
Algae	Predicting cyanobacterial dynamics in the face of global change: the importance of scale and environmental context	X1202
Algae	CANADA: Cyanobacterial Toxins: Drinking and Recreational Water Quality Guidelines	X1203
Aquatic Ecosystems	Water For Life - Aquatic Ecosystems: Aquatic Monitoring and Research Inventory	X0508A
Aquatic Ecosystems	Water For Life - Aquatic Ecosystems Review of Issues and Monitoring Techniques	X0508B
Aquatic Ecosystems	Guiding Principles for Water Quality and Aquatic Ecosystem Monitoring	W0604
Aquatic Ecosystems	Aquatic Ecosystems Field Sampling Protocols	W0605
Aquatic Ecosystems	Summary Report on the Initial Assessment of Ecological Health of Aquatic Ecosystems in Alberta: Water Quality, Sediment Quality and Non-Fish Biota	W0705
Aquatic Ecosystems	Information Synthesis and Initial Assessment of the Status and Health of Aquatic Ecosystems in Alberta: Surface Water Quality, Sediment Quality and Non-Fish Biota (Technical Report) (available in .pdf format on the AENV Website)	W0706

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Aquatic Ecosystems	Information Synthesis and Initial Assessment of the Status and Health of Aquatic Ecosystems in Alberta: Surface Water Quality, Sediment Quality and Non-Fish Biota (Appendices to the Technical Report)	W0706A
Aquatic Ecosystems	Pilot Study to Evaluate the Practicality of Aquatic Ecosystem Monitoring in Small Agricultural Streams in Alberta	W0901
Athabasca Oil Sands	Water Quality of the Athabasca Oil Sands Area A Regional Study. AOSERP Report L-85	X8502
Athabasca River	Water Quality Summary – Athabasca River 1966-1971	W7205
Athabasca River	Water Quality Overview of Athabasca River Basin. Prepared for Planning Division by Nanuk Engineering & Development Ltd.	X8501
Athabasca River	Athabasca River Zoobenthic Survey in the Vicinity of Athabasca: Fall, 1985	W8702
Athabasca River	An Overview of Water Quality in the Fort Chipewyan Area	W8809
Athabasca River	Method development and measurement of sediment oxygen demand during the winter on the Athabasca River	W8913
Athabasca River	Athabasca River winter reaeration investigation-final report	W8914
Athabasca River	An assessment - the effects of the combined pulpmill & municipal effluents At Hinton on the Water Quality and zoobenthos of the Athabasca River	W8917
Athabasca River	Winter water quality in the Athabasca River system 1988 and 1989	W8919
Athabasca River	Aspects of nitrogen and phosphorus in the Athabasca River system	W9008
Athabasca River	Limnological aspects of the Peace and Athabasca rivers	W9009
Athabasca River	Sediment oxygen demand during the winter in the Athabasca River and the Wapiti-Smoky River system, 1990	W9015
Athabasca River	Absorbable Organic Halide (AOX) Sampling in the Athabasca & Wapiti-Smoky Rivers Fall & Winter 89/90	W9022
Athabasca River	Oxygen Conditions in the Athabasca River System, with Emphasis on Winters 1990-93	W9407
Athabasca River	Water Quality in the Athabasca River System, 1990-93 (W9504A has Appendices Section)	W9504/A
Athabasca River	Investigations of Streambed Oxygen Demand in the Athabasca River, Fall-Winter, 1990-93. (Released through NRBS office)	W9505
Athabasca River	Continuous Dissolved Oxygen Modelling – Athabasca River - Hinton to Upstream Grand Rapids	X9910
Athabasca River	Development of Reach Specific Water Quality Objectives for Variables	X0401

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
	of Concern in the Lower Athabasca River: Identification of Variables of Concern and Assessment of the Adequacy of Available Guidelines	
Athabasca River	Analysis of Water Quality Conditions and Trends for the Long-term River Network: Athabasca River, 1960-2007	W0903
Athabasca River	Wood Buffalo National Park Water Quality: Status and Trends from 1989-2006 in Three Major Rivers; Athabasca, Peace and Slave	X0901
Baptiste Lake	Baptiste Lake study technical report and summary	W8517
Baptiste Lake	Baptiste Lake Brochure	W8924
Battle River	The Battle River Study Outline 1984/85	W8414
Battle River	Multi-media monitoring of trace metals and pesticides in the Battle River 1989-1990	W9104
Battle River	Water Quality of the Battle River – Technical Report	W9901
Battle River	Water Quality of the Battle River – Overview	W9902
Bear River	Investigations of Poly-Chlorinated Biphenyls in Bottom Sediments of the Bear-Wapiti-Smoky-Peace and Upper Athabasca River Systems, 1989-2000	W0401
Beauvais Lake	Beauvais Lake Water Quality Monitoring Reports - Provincial Parks Lake Monitoring Program	W0606
Beaver River	A general overview of current and historical water quality in the Beaver River	W8412
Beaver River	A Preliminary Assessment of the Impact of the Cold Lake/Grand Centre Regional Sewage Treatment System on the Beaver River	W8811
Beaver River	Long-Term Trends in the Water Quality of the Beaver River	W9005
Beaver River	A Compendium of Limnological Data on 23 Lakes in the Beaver River Drainage Basin	W9012
Beaver River	Effects of Wastewater Effluent Discharges on the Water Quality of the Beaver River	W9406
Bioassay	Fish Bioassay Ammonia-Nitrogen Experiment	W6909
Bioassay	Acute lethality study of G.C.O.S. dike filter drainage using Rainbow Trout and Brook Sticklebacks	W7602
Bioassay	Wastewater Effluent Guidelines for 96-Hour Multiple Concentration Static Bioassay Using Rainbow Trout	W7811
Bioassay	Algal Bioassay: Summary of technique development & methods manual	W8102
Bioassay	The Use of the Algal Bioassay for Inhibition Testing of Industrial Wastewater in Alberta	W8508

KEYWORD**REPORT TITLE****STATUS/BOX/FILE**

Bonnie Lake	A Trophic Assessment of Bonnie Lake	W8701
Bow River	Bow River Report Summary Up to 1965	W6501
Bow River	Report on the Interstitial Fauna of the Bow River August 1967	W6708
Bow River	Summary Report – Bow River Pollution Survey 1969-1970	W7003
Bow River	Water Quality – Bow River, 1971-1972	W7204
Bow River	Preliminary assessment of the effect of phosphorus reduction in Calgary's sewage treatment plants on the Bow River	W8413
Bow River	The Bow River Water Quality Monitoring 1980-1985	W8602
Bow River	A summary of ecological characteristics of the SSR basin with specific reference to the Bow River (1979-82)	W8613
Bow River	Phosphorus removal: The impact upon water quality in the Bow River downstream of Calgary 1980-1985	W8614
Bow River	The Bow River Water Quality Monitoring 1970-1980	W8615
Bow River	Longitudinal Zonation of the Biota and Water Quality of the Bow River System in Alberta, Canada	W8907
Bow River	An Evaluation of Nutrients and Biological Conditions in the Bow River, 1986 to 1988	W9011
Bow River	Temporal and Spatial Trends for Coliform Bacteria in the Bow River, 1951-1994	W9601
Bow River	Bow River Mixing Zone Study (Feb. 1996, Golder Assoc.-unreleased)	X9605
Bow River	Bow River Synoptic Surveys 1994-1995 Preliminary Evaluation of Results	W9606
Bow River	Changes in Contaminant Levels in the Bow River Following the Installation of a Contaminant System at the Canada Creosote Site	W9801
Bow River	Recent Changes in Contaminant Levels in the Bow River Following the Installation of a Containment System at the Canada Creosote Site	W9904
Bow River	Long-term Response of Periphyton and Macrophytes to Reduced Municipal Nutrient Loading to the Bow River (Alberta, Canada) (paper published in CJFAS)	W0209
Bow River	Bow River Synoptic Surveys 1994-1997 – Evaluation Results (report by Western Resource Solutions for The Bow River Water Quality Council)	X0405
Bow River	Review of Benthic Invertebrates and Epilithic Algae at Long-term Monitoring Sites in the Bow River	W0902

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Brochure	Understanding Alberta Lakes Brochure	W7907
Brochure	Wizard Lake brochure (NOT AVAILABLE)	W8401
Brochure	Lac La Biche brochure	W8402
Brochure	Sandy Lake brochure	W8501
Brochure	Nakamun Lake brochure	W8502
Brochure	Pine Lake brochure	W8503
Brochure	Skeleton Lake brochure (NOT AVAILABLE)	W8504
Brochure	Garner Lake brochure	W8505
Brochure	Lac La Nonne brochure	W8506
Brochure	Alberta lakes a legacy worth protecting (brochure)	W8801
Brochure	Blue-Green Algal Toxicity (brochure) Updated February 1996	W8921
Brochure	Algal Blooms Brochure Updated February 1996	W8923
Brochure	Baptiste Lake Brochure	W8924
Brochure	Gull Lake Brochure	W8925
Brochure	Island Lake Brochure	W8926
Brochure	Jackfish Lake Brochure	W8927
Brochure	Lac Ste. Anne Brochure	W8928
Brochure	Lake Isle Brochure	W8929
Brochure	Moose Lake Brochure	W8930
Brochure	Pigeon Lake Brochure	W8931
Brochure	Controlling Avian Botulism at Pakowki Lake, Alberta	X9701
Brochure	Cyanobacterial ("Blue-Green Algae") Blooms (replaced Algal Blooms Brochure)	W0703
Brochure	Cyanobacterial ("Blue-Green Algae") Toxicity (replaced Blue-Green Algal Toxicity Brochure)	W0704
Brochure	Cyanobacterial ("Blue-Green Algae") Blooms and Toxicity (combined Blooms and Toxicity brochures)	W0805
Buck Lake	Volunteer Citizens' Lake Monitoring Program (1991) Buck Lake	W9202

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Buffalo Lake	Buffalo Lake Macrophyte and Littoral Sediment Survey	X8103
Buffalo Lake	Volunteer Citizens' Lake Monitoring Program (1989) Skeleton, Buffalo and Capt. Eyre Lakes	W9016
Buffalo Lake	Water Quality Update 1995 Parlby Creek-Buffalo Lake Water Management Project	W9604
Buffalo Lake	Parlby Creek - Buffalo Lake Water Management Project Water Quality Update 1996	W9701
Buffalo Lake	Parlby Creek-Buffalo Lake Water Management Project. Water Quality Update 1997-98	W9909
Buffalo Lake	Parlby Creek - Buffalo Lake Water Management Project. Water Quality Update: 1999-2002	W0403
Burnstick Lake	Volunteer Citizens' Lake Monitoring Program (1993) Burnstick, Sandy and Islet Lakes	W9404
Burnstick Lake	The Water Quality of Burnstick Lake 1993 and 1994	W9408
Burnstick Lake	An Evaluation of Phosphorus Sources to Burnstick Lake	W9506
Chain Lakes	Chain Lakes Reservoir Water Quality Monitoring Reports – Provincial Parks Lake Monitoring Program	W0607
Chestermere Lake	Chestermere Lake Water Quality Monitoring	W9411
Chlorine	The impact of the chlorination of municipal sewage effluents on lotic ecosystems (interim report-Feb 1980)	W8006
Chlorine	Chlorates: A Literature Review of Aspects Relevant to the Aquatic Environment	W9017
Chlorophyll	Evaluation of the Phosphorus-Chlorophyll Relationship for Lakes Off The Precambrian Shield in Western Canada (Paper)	W8211
Coal Mine	Coal mine/McLeod River study outline	W8407
Coal Mine	The Influence of Coal Mining Activity on the Water Quality of the Lovett River	W9021
Coal Mine	Concentrations of Selenium in Surface Water, Sediment and Fish from the McLeod, Pembina and Smoky Rivers: Results of Surveys from Fall 1998 to Fall 1999. Interim Report.	W0001
Coal Mine	Fish diet analysis – McLeod and Smoky River drainages (released through Central Region)	X0404
Coal Mine	Results of aquatic studies in the McLeod and Upper Smoky River systems	W0503
Coal Mine	Selenium concentrations in the tissues of fish from the Upper McLeod and	X0602

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
	Upper Smoky River systems (released through Central Region)	
Coal Mine	Evaluation of treatment options to reduce water-borne Selenium of coal mines in West-Central Alberta (released through Environmental Policy Branch)	X0605
Coal Mine	Final Report: Scientific review and workshop on Selenium at Alberta mountain coal mines held in Hinton, Alberta, Canada on June 28 and 29, 2005 by the Selenium Science Panel (released through Central Region)	X0701
Cold Lake	A preliminary trophic assessment of nine lakes in the Cold Lake region	W8103
Cold Lake	A trophic assessment of nine lakes in the Cold Lake region - interim report	W8104
Cold River	The impact of the proposed Cold River flow reductions on the water quality of Pierce Lake, Lepine Lake and Lac des Isles	W8516
Contingency Plan	PPWB Inter-Provincial Water Quality Contingency Plan, April, 1988	X8801
Cooking Lake	Zooplankton in Lakes of the Cooking Lake Moraine	W7601
Crawling Valley Res	Post-Impoundment Water Quality in Crawling Valley Reservoir, Alberta	W9102
Crimson Lake	Assessment of the potential for improving water quality in Crimson Lake	W7803
Crimson Lake	Crimson Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring Program	W0608
Dam	Oldman River Dam - Assessment of Downstream Water Quality Effects	W8601
Data Summary	Phytoplankton Data Summary 1976 - 1980	W8001
Data Summary	Cardinal Divide Area Baseline Survey – Water Quality and Aquatic Biota 1995-96. Data Report	W9808
Data Summary	Ells River Water Quality Data Report	W0104
Dillberry Lake	Dillberry Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0609
Drinking Water	An Initial Assessment of Microcystin in Raw and Treated Municipal Drinking Water Derived from Eutrophic Surface Waters in Alberta	W0210
Effluent	Annual Report 1979, Industrial Effluent Monitoring, Volume 2, Appendices	W7910
Effluent	Annual Report 1980, Industrial Effluent Monitoring	W8112
Effluent	Water Quality Based Effluent Limits Procedures Manual	X9508

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Elbow Lake	Elbow Lake Study	W8715
Elbow River	Impacts On Water Quality In The Upper Elbow River	X0402
Elbow River	Impacts On Water Quality In The Upper Elbow River (Published in <i>Water Science and Technology</i> Vol. 53, No. 10, pp 309-316)	X0603
Elbow River	Water Quality of the Elbow River	W9204
Elbow River	Evaluation of Recent Trends in Water Quality in the Elbow River Upstream from Glenmore Reservoir	W9907
Elkwater Lake	Elkwater Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0610
Ells River	Ells River Water Quality Data Report	W0104
Ethel Lake	A Total Phosphorus Budget for a Stratified, Meso-Eutrophic Lake: Ethel Lake, Alberta	W8906
Eutrophication	Lake Wabamun Eutrophication Study Proposal	W8010
Eutrophication	Stream Eutrophication in Southern Alberta: Its Symptoms and the Study of Possible Control Measures	W8011
Eutrophication	Eutrophication of Waters	X801
Eutrophication	Preservation of Water Quality in Lake Wabamun Lake Wabamun Eutrophication Study	W8522
Field Lake	The Impact of Aerated Sewage Lagoon Effluent on Water Quality in Field Lake	W9806
Field Lake	Effect of Field Lake Outflow on Water Quality in Red Deer Brook	W0002
Field Methods	Aquatic Ecosystems Field Sampling Protocols	W0605
Fish	Fish Bioassay Ammonia-Nitrogen Experiment	W6909
Fish	Relationship Between Odor of Petroleum Refinery Wastewater and Occurrence of “Oily” Taste-Flavor in Rainbow Trout, <i>Salmo Gairdnerii</i>	W6910
Fish	Acute lethality study of G.C.O.S. dike filter drainage using Rainbow Trout and Brook Sticklebacks	W7602
Fish	Wastewater Effluent Guidelines for 96-Hour Multiple Concentration Static Bioassay Using Rainbow Trout	W7811
Fish	Fish diet analysis – McLeod and Smoky River drainages (released through Central Region)	X0404
Fish	Selenium concentrations in the tissues of fish from the Upper McLeod and	X0602

KEYWORD**REPORT TITLE****STATUS/BOX/FILE**

	Upper Smoky River systems (released through Central Region)	
Fish	Overview of Fish Contaminant Monitoring Programs in Jurisdictions and Summary of Alberta Studies – Final Report	W0802
Fish Kill	Discussion of a winter fish kill in Goosequill Bay, Wabamun Lake	W7402
Fish Kill	An investigation report on the North Sask. River fish kill - August, 1983	W8306
Frank Lake	An Overview of Water Quality in Frank Lake 1990-1993	W9412
Garner Lake	Skeleton, Garner, Muriel Lakes Water Quality Studies	W7905
Garner Lake	Garner Lake brochure	W8505
Ghost Reservoir	Volunteer Citizens' Lake Monitoring Program (1994) Ghost Reservoir	W9501
Ghost River	Water quality study of Waiparous Creek, Fallentimber Creek and Ghost River (released through Southern Region)	W0625
Glenmore Reservoir	Glenmore Reservoir Study	X9303
Goose Lake	Volunteer Citizens' Lake Monitoring Program (1992) Shorncliffe, Goose and Islet Lakes	W9305
Grand Valley Creek	Water Quality Sampling of Grand Valley Creek in 2003	X0403
Grand Valley Creek	Water Quality Sampling of Grand Valley Creek in 2004 and 2005 (released through Southern Region)	W0626
Gregg Lake	Gregg and Jarvis Lakes Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0611
Gregg River	Zoobenthos Surveys in the Gregg and McLeod Rivers 1985	W9704
Gregoire Lake	Summary of Water Quality in Gregoire Lake 1989-1993	W9401
Gregoire Lake	Gregoire Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0612
Guidelines	Surface Water Quality Criteria – Province of Alberta (Prep. By Dept. of Health, Copy Only)	W7007
Guidelines	Protocol to Develop Alberta Water Quality Guidelines for Protection of Freshwater Aquatic Life (July 1996)	X9608
Guidelines	Summary of Alberta Industrial and Municipal Effluent Quality Monitoring 1990-1995 (Sept 1996)	X9609
Guidelines	Alberta Water Quality Guideline for the Protection of Freshwater Aquatic Life - Copper – DRAFT (August 1996)	X9610

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Guidelines	Alberta Water Quality Guideline for the Protection of Freshwater Aquatic Life - Dissolved Oxygen (August 1997)	X9704
Guidelines	Alberta Water Quality Guideline for the Protection of Freshwater Aquatic Life - Mercury and Methylmercury – DRAFT (April 1998)	X9803
Guidelines	Surface Water Quality Guidelines for Use in Alberta (November 1999)	X9909
Guidelines	Development of Reach Specific Water Quality Objectives for Variables Of Concern in the Lower Athabasca River: Identification of Variables of Concern and Assessment of the Adequacy of Available Guidelines	X0401
Guidelines	Environmental Quality Guidelines for Alberta Surface Waters (<i>see Environmental Quality Guidelines for Alberta Surface Waters for update</i>)	W1401
Gull Lake	Gull lake effects of diversion on water quality	W8105
Gull Lake	Gull Lake Brochure	W8925
Gull Lake	An Assessment of Water Quality in Gull Lake (1999-2000) (released through Region)	W0206
Halfmoon Lake	Final Report on the 1988 Lime Treatment of Halfmoon Lake	W8922
Halfmoon Lake	Final Report on the 1989 Lime Treatment of Halfmoon Lake	W9019
Hardisty Creek	Lower Hardisty Creek biological survey	W8106
Highwood River	Ecological Characteristics of the Highwood River (1983-1985)	W9018
Highwood River	Predictive Equations for Suspended Solids and Dissolved Oxygen in the Highwood River	W0103
Impact Assessment	Peace River Oils #1 Study Environmental Assessment	W8910
Industries	Annual Report 1979, Industrial Effluent Monitoring, Volume 2, Appendices	W7910
Industries	Annual Report 1980, Industrial Effluent Monitoring	W8112
Industries	Pollution Prevention & Control. Industrial Initiatives in Northern Alberta	X0102
Inventory	Phosphorus Input Inventory for South Saskatchewan River Basin	W7810
Invertebrates	Macrobenthic Fauna Surveys Oldman River, Bow River, Red Deer River, North Saskatchewan River 1973	W7301
Invertebrates	Survey of the Chironomid Larvae of the South Saskatchewan River near Medicine Hat, Alberta, 1974	W7502
Invertebrates	Zooplankton in Lakes of the Cooking Lake Moraine	W7601
Invertebrates	Macrobenthic fauna surveys of the Lower Wapiti River 1973-1975	W7603

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Invertebrates	Benthic Fauna Surveys of the Oldman, Bow, Red Deer, and North Saskatchewan Rivers (1974 and 1975)	W7801
Invertebrates	An ecological investigation of macro-invertebrate drift in the Oldman River, AB	W7802
Invertebrates	A Guide to the Identification of Freshwater Invertebrates from Alberta Rivers	W8305
Invertebrates	Preliminary Assessment - Changes in Benthic Invertebrate Distribution of the Red Deer River in the First Three Years After Construction of the Dickson Dam	W8608
Invertebrates	Athabasca River Zoobenthic Survey in the Vicinity of Athabasca: Fall, 1985	W8702
Invertebrates	An Appraisal of the Effects of the Esso Chemicals Ltd (Redwater) Spill on the Zoobenthos of the NSR	W8806
Invertebrates	An Assessment of the Short Term Effects of the Impoundment of the Red Deer River on the River's Zoobenthos	W8807
Invertebrates	Benthic Invertebrate Communities in the Milk River, Alberta and Potential Effects of a Proposed Impoundment	W8808
Invertebrates	Predicted effects of flow regulation on the Oldman River zoobenthos	W8915
Invertebrates	Selected methods for the monitoring of benthic invertebrates in Alberta rivers	W9013
Invertebrates	An overview of long-term zoobenthos monitoring in Alberta rivers 1983-1987	W9105
Invertebrates	Development of Long-Term Biomonitoring in Elk Island National Park Using Benthic Macroinvertebrates	X9506
Invertebrates	Air-lift Sampler as a Quantitative Sampling Device of Benthic Macroinvertebrates in Rivers – Progress Report	X9507
Invertebrates	Comparisons Among Colonization of Artificial Substratum Types and Natural Substratum by Benthic Macroinvertebrates	X9611
Invertebrates	Zoobenthos Surveys in the Gregg and McLeod Rivers 1985	W9704
Invertebrates	Biomonitoring in Rivers using Benthic Macroinvertebrates: Efficacy of Air-lift Sampler and Comparisons Between Nearshore and Thalweg Communities in Oldman River	X9705
Invertebrates	Benthic Invertebrate Assessment in Wabamun Lake, November 2002 (Prep. By Stantec)	W0305
Invertebrates	Review of Historical Benthic Invertebrates Data for Rivers and Streams in the Oil Sands Region	X0310

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Invertebrates	Pilot Study to Evaluate the Practicality of Aquatic Ecosystem Monitoring in Small Agricultural Streams in Alberta	W0901
Invertebrates	Review of Benthic Invertebrates and Epilithic Algae at Long-term Monitoring Sites in the Bow River	W0902
Invertebrates	An Assessment of Sediment Quality, Benthic Invertebrates and Epilithic Algae in the North Saskatchewan River Based on 2007 and 2008 data (released through Central Region)	W1004
Island Lake	Island Lake Brochure	W8926
Islet Lake	Volunteer Citizens' Lake Monitoring Program (1992) Shorncliffe, Goose and Islet Lakes	W-9305
Islet Lake	Volunteer Citizens' Lake Monitoring Program (1993) Burnstick, Sandy and Islet Lakes	W9404
Jackfish Lake	Jackfish Lake Brochure	W8927
Jarvis Lake	Gregg and Jarvis Lakes Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0611
LTRN	An overview of long-term zoobenthos monitoring in Alberta rivers 1983-1987	W9105
LTRN	Analysis of Water Quality Trends for the Long-Term River Network: North Saskatchewan River, 1977-2002	W0601
LTRN	Analysis of Water Quality Conditions and Trends for the Long-Term River Network: Oldman River 1966-2005	W0701
LTRN	Review of Benthic Invertebrates and Epilithic Algae at Long-term Monitoring Sites in the Bow River	W0902
LTRN	Analysis of Water Quality Conditions and Trends for the Long-term River Network: Athabasca River, 1960-2007	W0903
Lab Methods	Algal Bioassay: Summary of technique development & methods manual	W8102
Lab Methods	The Use of the Algal Bioassay for Inhibition Testing of Industrial Wastewater in Alberta	W8508
Lab Methods	A Summary of Lake Locations and Methods of Analyses Used in the Acid-sensitivity Assessment of Alberta Lakes	W8805
Lab Methods	An Evaluation of Interference by Pulp Mill Effluent in the Azide-Winkler Oxygen Technique	W9002
Lab Methods	Selected methods for the monitoring of benthic invertebrates in Alberta rivers	W9013

KEYWORD**REPORT TITLE****STATUS/BOX/FILE**

Lac Cardinal	Lac Cardinal Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0613
Lac La Biche	The trophic status of Lac La Biche, May 1980	W8009
Lac La Biche	Lac La Biche brochure	W8402
Lac La Biche	Impact of water level stabilization on water quality of Lac La Biche	W9007
Lac La Biche	Effect of Field Lake Outflow on Water Quality in Red Deer Brook	W0002
Lac La Nonne	Lac La Nonne Water Quality Report	W8004
Lac La Nonne	Assessment of phosphorus export from the Majeau Creek watershed Lac La Nonne	W8205
Lac La Nonne	Lac La Nonne brochure	W8506
Lac La Nonne	Volunteer Citizens' Lake Monitoring Program (1990) Lac La Nonne	W9103
Lac St. Cyr	Lac St. Cyr: The impact of river diversion on water quality	W8719
Lac Ste. Anne	The environmental history of Lac Ste. Anne and it's basin	W7708
Lac Ste. Anne	Volunteer citizen's lake monitoring program (1988) - Lac Ste. Anne and Pigeon Lake	W8817
Lac Ste. Anne	Lac Ste. Anne Brochure	W8928
Lac Ste. Anne	Lac Ste. Anne and Lake Isle Water Quality 1996 - Interim Report	W9608
Lac Ste. Anne	A Preliminary Phosphorus Budget for Lac Ste. Anne and Lake Isle	W9702
Lac Ste. Anne	Water Quality Management in Lac Ste. Anne and Lake Isle: A Diagnostic Study	W9905
Lac Ste. Anne	Recent Eutrophication Histories in Lac Ste. Anne and Lake Isle, Alberta, Canada, Inferred Using Paleolimnological Methods	X0004
Lake Isle	Water quality in Lake Isle - 1983	W8410
Lake Isle	Lake Isle Brochure	W8929
Lake Isle	Lac Ste. Anne and Lake Isle Water Quality 1996 - Interim Report	W9608
Lake Isle	A Preliminary Phosphorus Budget for Lac Ste. Anne and Lake Isle	W9702
Lac Isle	Water Quality Management in Lac Ste. Anne and Lake Isle: A Diagnostic Study	W9905
Lakes - Central	A Survey of Physical, Chemical and Biological Characteristics	W7903

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
	of a Series of Lakes of Central Alberta	
Lakes - Central	A Summary of Limnological Data on 74 Lakes in Central Alberta	W8301
Lakes - Central	A Summary of Atmospheric Deposition Measurements for Nutrients in Central Alberta (1982-86)	W8901
Lakes – Central	Water Quality Assessment of Thunder Lake	W9805
Lakes – Central	Water Quality of Wizard Lake	W9810
Lakes - General	Understanding Alberta Lakes Brochure	W7907
Lakes - General	Evaluation of the Phosphorus-Chlorophyll Relationship for Lakes Off The Precambrian Shield in Western Canada (Paper)	W8211
Lakes - General	An assessment of the potential sensitivity of Alberta lakes to acidic deposition	W8717
Lakes - General	The sensitivity of Alberta lakes and soils to acidic deposition - overview report	W8718
Lakes - General	Alberta lakes a legacy worth protecting (brochure)	W8801
Lakes - General	Lake Management - The Alberta Experience - Alberta Lake Management Society Workshop, Nov. 1-2, 1991 (paper released through ALMS)	W9205
Lakes – General	Alberta Lakes: Uses and Conflicts. Proceedings from the 2 nd Annual Workshop of the Alberta Lake Management Society	X9304
Lakes - General	Managing Western Canadian Lakes: Demands, Issues and Solutions - Proceedings from the 3rd Annual Workshop of the ALMS	X9402
Lakes - General	Life in the Lakeland - Proceedings from the 4th Annual Workshop of the Alberta Lake Management Society - Sept.30-Oct.1, 1995	X9603
Lakes - General	A Test of Hypotheses to Explain the Sigmoidal Relationship Between Total Phosphorus and Chlorophyll <i>a</i> Concentrations in Canadian Lakes (Paper)	W9609
Lakes – General	A First Estimate of Organic Carbon Storage in Holocene Lake Sediments In Alberta, Canada	X9908
Lakes – General	Alberta Lake Management Society Lakewatch 1999 Report	X0008
Lakes – General	Water Quality Conditions and Long-Term Trends in Alberta Lakes	W1102
Lakes - Lakeland	Skeleton, Garner, Muriel Lakes water quality studies	W7905
Lakes - Lakeland	Impacts of lake level fluctuations on trophic status	W8005
Lakes – Lakeland	A Trophic Assessment of Nine Lakes in the Cold Lake Region - Interim Report	W8104

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Lakes - Lakeland	The impact of the proposed Cold River flow reductions on the water quality of Pierce Lake, Lepine Lake and Lac des Isles	W8516
Lakes - Lakeland	The Limnology of Pierce Lake, Lepine Lake and Lac Des Isles, Saskatchewan	W8703
Lakes - Lakeland	A compendium of limnological data for 23 lakes in the Beaver River watershed	W9012
Lakes - Lakeland	An Evaluation of Changes in Water Quality of Muriel Lake	W0102
Lakes - Northern	A Summary of Acidification Assessment Data for 107 Lakes in Northern Alberta	W8803
Lakes - Northern	Baseline Chemical Surveys of 47 Lakes in Northeastern Alberta	W8804
Lakes - Northern	Sensitivity of Alberta Lakes to Acidifying Deposition: An Update of Sensitivity Maps with Emphasis on 109 Northern Lakes	W9603
Lakes - Northern	Validation of Non-Point Source Pollution Models for a Northern Great Plains Lake (Extracted from the Proceedings of the International Symposium on Water Quality Modelling, April 2-5, 1995, Orlando, Fl.)	W9607
Lakes - Northern	Influence of Peatlands on the Acidity of Lakes in Northeastern Alberta, Canada (Paper)	W9706
Lakes - Northern	Water Quality of Lesser Slave Lake and its Tributaries, 1991-93	W9804
Lakes - Northern	Northeastern Alberta Lakes: Water Quality, Geographic Variability and Landscape Characteristics	X0007
Lakes - Southern	Forest Lawn Stormwater Retention Pond Study Project Proposal	W8209
Lakes - Southern	Forest Lawn Stormwater Retention Pond - 1981 Data Analysis	W8210
Lakes - Southern	Working Paper on Phosphorus Loadings to Lake Diefenbaker from The South Saskatchewan and Red Deer Rivers	W8415
Lakes - Southern	Water Quality of Southern Alberta Lakes and Reservoirs	W8514
Lakes - Southern	WQ in Lake Newell, Travers Reservoir, Little Bow Reservoir, McGregor Lake, Chestermere Lake and their Inlets/Outlets	W8705
Lakes - Southern	An Overview of Water Quality in Frank Lake 1990-1993	W9412
Lakes - Southern	Pakowki Lake Water Quality Study (1996)	W9703
Lesser Slave Lake	Water Quality of Lesser Slave Lake and its Tributaries, 1991-93	W9804
Lesser Slave River	Low Flow Conditions in the Lesser Slave River, 1999-2000	W0004
Lesser Slave River	Lesser Slave River Dissolved Oxygen Modelling Review	X0006

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Limnology	Sylvan Lake report, physical and chemical characteristics with some notes on biological components (draft)	W7604
Limnology	A Survey of Physical, Chemical and Biological Characteristics of a Series of Lakes of Central Alberta	W7903
Limnology	A Summary of Limnological Data on 74 Lakes in Central Alberta	W8301
Limnology	The Limnology of Pierce Lake, Lepine Lake and Lac Des Isles, Saskatchewan	W8703
Limnology	WQ in Lake Newell, Travers Reservoir, Little Bow Reservoir, McGregor Lake, Chestermere Lake and their Inlets/Outlets	W8705
Limnology	Elbow Lake Study	W8715
Limnology	Baseline Chemical Surveys of 47 Lakes in Northeastern Alberta	W8804
Limnology	A compendium of limnological data on 23 lakes in the Beaver River Drainage Basin	W9012
Limnology	Limnological Assessment of the Oldman River Reservoir	W0101
Literature Review	Stormwater retention impoundments: Recreational uses and potential water quality problems (a literature review)	W8204
Literature Review	Water Quality in Deep Release Reservoirs and Downstream Effects (A Literature Review)	W8617
Literature Review	Chlorates: A Literature Review of Aspects Relevant to the Aquatic Environment	W9017
Little Bow River	Water Quality Sampling of the Little Bow River and Mosquito Creek in 1999	W0005
Little Bow River	Flows Required to Protect Water Quality in the Little Bow River and Mosquito Creek	W0203
Long Lake	A Brief Overview of Water Quality in Long Lake	W9405
Lovett River	The Influence of Coal Mining Activity on the Water Quality of the Lovett River	W9021
Mann Lakes	Mann Lakes Water Management Planning Study - Water Quality Assessment Study	W9303
Matchayaw Lake	Volunteer Citizens' Lake Monitoring Program (1995) Matchayaw Lake	W9602
McLeod Lake	McLeod Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0616
McLeod River	Coal mine/McLeod river study outline	W8407

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
McLeod River	Zoobenthos Surveys in the Gregg and McLeod Rivers 1985	W9704
McLeod River	Cardinal Divide Area Baseline Survey – Water Quality and Aquatic Biota 1995-96. Data Report	W9808
McLeod River	Concentrations of Selenium in Surface Water, Sediment and Fish from the McLeod, Pembina and Smoky Rivers: Results of Surveys from Fall 1998 to Fall 1999. Interim Report.	W0001
McLeod River	Fish diet analysis – McLeod and Smoky River drainages (released through Central Region)	X0404
McLeod River	Results of aquatic studies in the McLeod and Upper Smoky River systems	W0503
McLeod River	Selenium concentrations in the tissues of fish from the Upper McLeod and Upper Smoky River systems (released through Central Region)	X0602
Microbiology	Microbiological detection of pollutants	W7804
Microbiology	Coliform Bacteria Content of Some Alberta Recreational Waters	X8001
Microbiology	An overview of recreational WQ in Sylvan Lake, with emphasis on bacteriological conditions near the provincial park beach	W8816
Milk River	Milk River Basin Environmental Overview. Surface Water Quality Overview and Assessment	X8002
Milk River	Benthic Invertebrate Communities in the Milk River, Alberta and Potential Effects of a Proposed Impoundment	W8808
Minnie Lake	Minnie Lake stabilization plan water quality assessment	W8610
Miquelon Lake	Miquelon Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0617
Models	Qual II Simulation - South Saskatchewan River Basin	W8202
Models	The Implementation of WQRRS for Water Quality Modelling on the Bow, Oldman, South Saskatchewan and Red Deer Rivers	W8511
Models	WQRRS - Structural and Sensitivity Testing of the Stream Quality Module	W8523
Models	Validation of Non-Point Source Pollution Models for a Northern Great Plains Lake (Extracted from the Proceedings of the International Symposium on Water Quality Modelling, April 2-5, 1995, Orlando, Florida)	W9607
Models	Modelling of the Response of Pine Lake to Reduced Internal and External Loadings	W9707
Models	Modelling with AGNPS and SWRRB-WQ (Agricultural Surface Water Quality Models)	X9905

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Models	North Saskatchewan River Water Quality Model: Alberta Environment Technical Report	W0904
Moonshine Lake Reservoir	Moonshine Lake Reservoir Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0618
Moose Lake	Moose Lake Brochure	W8930
Moose Lake	Status Report on the Water Quality of Moose Lake	W9201
Mosquito Creek	Water Quality Sampling of the Little Bow River and Mosquito Creek in 1999	W0005
Mosquito Creek	Flows Required to Protect Water Quality in the Little Bow River and Mosquito Creek	W0203
Multi-media	Multi-media monitoring of trace metals and pesticides in the Battle River 1989-1990.	W9104
Muriel Lake	Skeleton, Garner, Muriel Lakes Water Quality Studies	W7905
Muriel Lake	An Evaluation of Changes in Water Quality of Muriel Lake	W0102
Muskeg River	An intensive surface water quality study of the Muskeg River watershed Vol. I, Water Chemistry. (AOSERP)	W7904
Muskeg River	Overview of Water Quality in the Muskeg River Basin, July 1972 to March 2001	W0201
NSR	A Preliminary Survey of the Sanitary Condition of the North Saskatchewan River in the Vicinity of Edmonton, AB - 1950-51	W5101
NSR	Water Quality - North Saskatchewan River Winter 1966-67	W6707
NSR	Summary Report - North Saskatchewan River Pollution Survey 1968-1969	W6907
NSR	Pollution Survey Summary: North Saskatchewan River 1970-1971	W7104
NSR	Development of a Water Quality Index for Aquatic Life in the North Saskatchewan River	W7901
NSR	Impact of discharges from City of Edmonton WTP on the Biological water quality of NSR	W8208
NSR	An investigation report on the North Saskatchewan River fish kill - August, 1983	W8306
NSR	Effects of spring runoff on the NSR in the City of Edmonton	W8307
NSR	North Saskatchewan River water quality 1970-1981	W8308
NSR	A history of stream pollution assessment and control - North Saskatchewan River 1950's to 1980's	W8406

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
NSR	Organic Compounds in the North Saskatchewan River, Alberta 1982/1983	W8513
NSR	North Saskatchewan River: Characterization of Water Quality in the vicinity of Edmonton 1982-1983 Overview	W8609
NSR	NSR: Characterization of WQ in the vicinity of Edmonton (1982-83) Part I Introduction, Water Chemistry, Chlorophyll, Bacteriology	W8611
NSR	NSR: Characterization of WQ in the vicinity of Edmonton (1982-1983) Part II Zoobenthic surveys of spring, summer, and fall 1982	W8612
NSR	NSR: Characterization of WQ in the vicinity of Edmonton (1982-1983) Part III Compendium of data for Parts I and II	W8619
NSR	An Appraisal of the Effects of the Esso Chemicals Ltd (Redwater) Spill on the Zoobenthos of the North Saskatchewan River	W8806
NSR	Summary of Water Quality Studies for the North Saskatchewan River Basin Planning Program 1985-1989	W8911
NSR	Water Quality of the North Saskatchewan River in Alberta	W9413
NSR	Water Quality of the North Saskatchewan River in Alberta - Overview	W9414
NSR	Effects of Storm and Combined Sewer Discharges in the City of Edmonton on Water Quality in the North Saskatchewan River	W9403
NSR	Joint Industry - Municipal North Saskatchewan River Study (Golder Assoc.) X9505 Joint Industry - Municipal North Saskatchewan River Study – Appendices	X9505A
NSR	Investigations of PPWB Excursions in the North Saskatchewan River at the Alberta-Saskatchewan Boundary 1997	W9803
NSR	Analysis of Water Quality Trends for the Long-Term River Network: North Saskatchewan River, 1977-2002	W0601
NSR	North Saskatchewan River Water Quality Sampling Site Re-location: Effects on Selected Water Quality Parameters	X0801
NSR	North Saskatchewan River Water Quality Model: Alberta Environment Technical Report	W0904
NSR	An Assessment of Sediment Quality, Benthic Invertebrates and Epilithic Algae in the North Saskatchewan River Based on 2007 and 2008 data (released through Central Region)	W1004
NSR	Synthesis of Recent Knowledge on Water Quality, Sediment Quality and Non-Fish Biota in the North Saskatchewan River, with Special Emphasis on the Industrial Heartland – Capital Region Water Management Framework Reach (released through Northern Region)	W1206

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
NSR	Physical mixing patterns of water and contaminants in the North Saskatchewan River (released through Central Region)	W1208
NSR	Investigations of Trends in Select Water Quality Variables at Long-Term Monitoring Sites on the North Saskatchewan River (released through Northern Region)	W1209
NSR	Pilot Water Quality Objectives and Allowable Contaminant Loads for the North Saskatchewan River (released through Northern Region)	W1302
Nakamun Lake	Trophic status of Sandy and Nakamun Lakes	W7906
Nakamun Lake	Nakamun Lake brochure	W8502
Newell Lake	Summary of Water Quality in Lake Newell	W9304
Newell Lake	Lake Newell Reservoir Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0614
Nose Creek	Nose Creek Water Quality Study (released in 1991, but done in 1981)	W8111
Nose Creek	Nose Creek 1999 Surface Water Quality Data	X0002
Nose Creek	Evaluation of the Water Quality Impacts of the Nose Creek Deflection Structures (released through Southern Region)	W0205
NRBS	Canada Alberta Northwest Territories Response to the Northern River Basins Study Report to the Ministers	X9702
NRBS	Northern Rivers Ecosystem Initiative 1998-2003. First Progress Report	X0003
NRBS	Northern Rivers Ecosystem Initiative 1998-2003. Second Progress Report	X0201
NRBS	Northern Rivers Ecosystem Initiative 1998-2003. Final Report 2004	X0504
NRBS	Northern Rivers Ecosystem Initiative Synthesis Report	X0505
NRBS	Northern Rivers Ecosystem Initiative Key Findings	X0506
NRBS	Northern Rivers Ecosystem Initiative 2004 Collective Findings [Only available on CD, includes Final Report, Synthesis Report, Key Findings and Research Papers]	X0507
NRBS	Northern Rivers Ecosystem Initiative: Nutrients and Dissolved Oxygen – Issues and Impacts (Journal article available on SpringerLink website)	X0606
Nutrients	Working Paper on Biologically Available Phosphorus in the South Saskatchewan River System, 1979	W7909
Nutrients	Phosphorus removal in the South Saskatchewan River basin	W8008
Nutrients	Assessment of phosphorus export from the Majeau Creek	W8205

KEYWORD**REPORT TITLE****STATUS/BOX/FILE**

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
	watershed Lac La Nonne	
Nutrients	Evaluation of the Phosphorus-Chlorophyll Relationship for Lakes Off The Precambrian Shield in Western Canada (Paper)	W8211
Nutrients	Phosphorus removal: The impact upon water quality in the Bow River downstream of Calgary 1980-1985	W8614
Nutrients	A Review of Epilithic Algal Biomass, Nutrient and Nonfilterable Residue Data for Major Alberta River Basins	W8802
Nutrients	A Summary of Atmospheric Deposition Measurements for Nutrients in Central Alberta (1982-86)	W8901
Nutrients	A Total Phosphorus Budget for a Shallow, Naturally Eutrophic Lake: Tucker Lake, Alberta	W8905
Nutrients	A Total Phosphorus Budget for a Stratified, Meso-Eutrophic Lake: Ethel Lake, Alberta	W8906
Nutrients	Aspects of nitrogen and phosphorus in the Athabasca River system	W9008
Nutrients	A Test of Hypotheses to Explain the Sigmoidal Relationship Between Total Phosphorus and Chlorophyll <i>a</i> Concentrations in Canadian Lakes (Paper)	W9609
Nutrients	A Preliminary Phosphorus Budget for Lac Ste. Anne and Lake Isle	W9702
Nutrients	Soil Phosphorus in Alberta: Technical Review Workshop (April 10-11, 2000, Lethbridge, AB)	X0009
Nutrients	Analysis of Soil Test Phosphorus to Assess the Risk of P Transport in a Watershed	X0207
Nutrients	Long-term Response of Periphyton and Macrophytes to Reduced Municipal Nutrient Loading to the Bow River (Alberta, Canada) (paper published in CJFAS)	W0209
Nutrients	Wabamun Lake phosphorus budget during the 2008 runoff and open water season	W1103
Objectives	PPWB Water Quality Objectives	X7301
Objectives	Alberta Surface Water Quality Objectives	W7707
Objectives	Guidance for Deriving Site-Specific Water Quality Objectives for Alberta Rivers	W1201
Oldman River	Pollution Survey Summary: Oldman River 1970-1971	W7105
Oldman River	Water Quality – Oldman River 1971-1972	W7206
Oldman River	Oldman River and South Saskatchewan River Water Quality Data 1973-75	W7501

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Oldman River	An ecological investigation of macro-invertebrate drift in the Oldman River Alberta	W7802
Oldman River	Oldman River Dam - Assessment of Downstream Water Quality Effects	W8601
Oldman River	Predicted effects of flow regulation on the Oldman River zoobenthos	W8915
Oldman River	An Overview of Water Quality in the Oldman River Basin (1984-85) (Released March 27/97; no official memo-per D. Trew)	W9006
Oldman River	The Phytoplankton Biomass of the Oldman Reservoir System, 1992	W9410
Oldman River	Limnology of the Oldman Reservoir and its Effects on Oldman R. W/Q	X9501
Oldman River	Limnological Assessment of the Oldman River Reservoir	W0101
Oldman River	Oldman River Basin Water Quality Initiative Surface Water Quality Summary Report: April 1998-March 2003 (Available on Oldman Watershed Council website: http://www.oldmanbasin.org/publications.html)	X0509
Oldman River	Water quality monitoring: the basis for watershed management in the Oldman River Basin, Canada (published in <i>Water Science and Technology</i> Vol. 53, No. 10, pp 153-161)	X0604
Oldman River	Analysis of Water Quality Conditions and Trends for the Long-Term River Network: Oldman River 1966-2005	W0701
Oldman River	Temperature and Dissolved Oxygen in the Oldman River Following Construction of the Oldman River Dam	W0702
Organics	Organic Compounds in the North Saskatchewan River, Alberta 1982/1983	W8513
Oxygen	The impact of the proposed Sand River reservoir on winter dissolved oxygen levels in the Beaver and Sand Rivers	W8518
Oxygen	Winter Oxygen Depletion in Ten Rivers in Alberta: A Preliminary Investigation	W8605
Oxygen	Method development and measurement of sediment oxygen demand during the winter on the Athabasca River	W8913
Oxygen	Athabasca River winter reaeration investigation-final report	W8914
Oxygen	Sediment oxygen demand during the winter in the Athabasca River and the Wapiti-Smoky River system, 1990	W9015
Oxygen	Continuous Dissolved Oxygen Modelling – Athabasca River - Hinton to Upstream Grand Rapids	X9910
Oxygen	Lesser Slave River Dissolved Oxygen Modelling Review	X0006
Oxygen	Predictive Equations for Suspended Solids and Dissolved Oxygen in the	W0103

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
	Highwood River	
PPWB	PPWB Water Quality Objectives	X7301
PPWB	Prairie Provinces Water Board Inter-Provincial Water Quality Contingency Plan April, 1988	X8801
PPWB	An Analysis of Non-compliance Patterns to Prairie Provinces Water Board Objectives in the Red Deer River at the Alberta/Saskatchewan Boundary	W9507
PPWB	Investigations of PPWB Excursions in the North Saskatchewan River at the Alberta-Saskatchewan Boundary 1997	W9803
PPWB	Bacterial Surveys in the Red Deer River (1996 – 1998)	W9903
Pakowki Lake	Controlling Avian Botulism at Pakowki Lake, Alberta	X9701
Pakowki Lake	Pakowki Lake Water Quality Study (1996)	W9703
Paleolimnology	The environmental history of Lac Ste. Anne and it's basin	W7708
Paleolimnology	Recent Eutrophication Histories in Lac Ste. Anne and Lake Isle, Alberta, Canada, Inferred Using Paleolimnological Methods	X0004
Paleolimnology	A Summary of Paleolimnological Studies Conducted in Alberta	W0707
Peace River	Peace River Oils #1 Study Environmental Assessment	W8910
Peace River	A preliminary assessment of the impact of existing pulp mills on the Peace River	W8916
Peace River	Water Quality of the Peace River In Alberta (1990)	W9020
Peace River	Impact of Climate Change on the Winter Regime of the Peace River in Alberta	X0601
Peace River	Wood Buffalo National Park Water Quality: Status and Trends from 1989-2006 in Three Major Rivers; Athabasca, Peace and Slave	X0901
Peace-Athabasca	The Peace and Athabasca River systems: a synopsis of AE's monitoring programs & the WQ effects of existing pulpmill effluents	W8918
Peace-Athabasca	Limnological aspects of the Peace and Athabasca rivers	W9009
Peace-Athabasca	Distribution of Contaminants in the Water, Sediment and Biota in the Peace, Athabasca and Slave River Basins: Present Levels and Predicted Future Trends (NRBS Synthesis Report No.3)	X9703
Peace-Athabasca	Investigations of Poly-Chlorinated Biphenyls in Bottom Sediments of the Bear-Wapiti-Smoky-Peace and Upper Athabasca River Systems, 1989-2000	W0401
Pembina River	Preliminary report of the effects of the Amoco gas well blowout October 1982 on the benthic fauna of the Pembina River	W8207

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Pembina River	Water Quality Monitoring Results on the Pembina River Near the Amoco Blowout Site 13-12-48-12 W5	W8403
Pembina River	Lower Pembina River System Fall-Winter 1993/94 Water Quality Survey	W9605
Pembina River	Concentrations of Selenium in Surface Water, Sediment and Fish from the McLeod, Pembina and Smoky Rivers: Results of Surveys from Fall 1998 to Fall 1999. Interim Report.	W0001
Pesticides	Multi-media monitoring of trace metals and pesticides in the Battle River 1989-1990	W9104
Pesticides	Pesticides in Alberta Surface Waters (CAESA Paper) (available in .pdf format on the AENV Website)	W9708
Pesticides	Impacts of Agriculture on Surface Water Quality in Alberta. Part III. Pesticides in Small Streams and Lakes	X9801D
Pesticides	Water Quality: Gathering Baseline Data on Pesticides in Aspen Parkland Wetlands (article for NAWNP/DU Biodiversity Newsletter)	X0202
Pesticides	Baseline Pesticide Data for Semi-Permanent Wetlands in the Aspen Parkland of Alberta (WRUG)	X0301
Pesticides	Determination of New Pesticides in Alberta's Surface Waters (1999 – 2000) (WRUG)	X0305
Pesticides	Ecological Relevance of Pesticide Residues in Alberta Surface Waters: an Evaluation based on Toxicity Testing (WRUG Report)	X0502
Pesticides	Glyphosate Residues in Alberta's Atmospheric Deposition, Soils And Surface Waters (WRUG)	X0503
Pesticides	Overview Of Pesticide Data In Alberta Surface Waters Since 1995 (available in .pdf format on the AENV Website)	W0502
Pesticides	Development of an Aquatic Pesticide Toxicity Index for Use in Alberta	W0803
Pesticides	Overview of 2008 Pesticide Sales in Alberta	X1101
Pharmaceutical	A Preliminary Survey of Pharmaceuticals and Endocrine Disrupting Compounds in Treated Municipal Wastewaters and Receiving Rivers of Alberta	W0501
Pigeon Lake	Pigeon Lake Macrophyte and Littoral Sediment Survey	X8102
Pigeon Lake	Evaluation of the "septic snooper" on Wabamun and Pigeon Lakes	W8206
Pigeon Lake	Volunteer Citizen's Lake Monitoring Program (1988) - Lac Ste. Anne and Pigeon Lake	W8817
Pigeon Lake	Pigeon Lake Brochure	W8931

KEYWORD**REPORT TITLE****STATUS/BOX/FILE**

Pigeon Lake	Lake and Watershed Management Options for the Control of Nuisance Blue-Green Algal Blooms in Pigeon Lake, Alberta (released through Central Region)	W1204
Pine Lake	Pine Lake water quality report	W8007
Pine Lake	Water quality implications of regulating the water level of Pine Lake	W8411
Pine Lake	Pine Lake brochure	W8503
Pine Lake	Assessment of the Potential for Water Quality Improvement in Pine Lake	W9101
Pine Lake	Pine Lake Restoration Project: Diagnostic Study (1992) (released January 1996)	W9306
Pine Lake	The Phytoplankton Biomass of Pine Lake 1992-1993 (by S. Watson but done for SWAB)	W9409
Pine Lake	The Pine Lake Restoration Project (paper for CAESA-released by DOT)	W9503
Pine Lake	Modelling of the Response of Pine Lake to Reduced Internal and External Loadings	W9707
Pine Lake	Initial Results of the Pine Lake Restoration Program	W0202
Pollution	Alberta Advisory Committee on Pollution Control – Second Meeting, October 9-10, 1968	W6807
Pollution	Summary Report - North Saskatchewan River Pollution Survey 1968-1969	W6907
Pollution	Aspects of Water Quality and Pollution Control in the South Saskatchewan River Basin	W6908
Pollution	Report on the Toxicity of Dearcide 717 and Dearcide X-1462	W6911
Pollution	Alberta Advisory Committee on Pollution Control – Third Meeting, October 15-16, 1969	W6912
Pollution	Summary Report – Bow River Pollution Survey 1969-1970	W7003
Pollution	Summary Report – South Saskatchewan River Pollution Survey 1969-1970	W7004
Pollution	Interim Summary Report – Biological Pollution Surveys: Oldman River, Bow River, Red Deer River, North Saskatchewan River, 1969-1970	W7005
Pollution	Alberta Advisory Committee on Pollution Control – Fourth Meeting, November 25-26, 1970	W7006
Pollution	Pollution Survey Summary: North Saskatchewan River 1970-1971	W7104
Pollution	Pollution Survey Summary: Oldman River 1970-1971	W7105

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Pollution	Pollution Survey Summary: Red Deer River 1970-1971	W7106
Pollution	Pollution Survey Summary: South Saskatchewan River 1970-1971	W7107
Pollution	Summary of Water Pollutant Emissions in Alberta, 1970-1972	W7202
Pollution	Microbiological detection of pollutants	W7804
Pollution	Changes in Contaminant Levels in the Bow River Following the Installation of a Contaminant System at the Canada Creosote Site	W9801
Pollution	Recent Changes in Contaminant Levels in the Bow River Following the Installation of a Containment System at the Canada Creosote Site	W9904
Pollution	Pollution Prevention & Control. Industrial Initiatives in Northern Alberta	X0102
Provincial Parks	Water Quality Monitoring Reports - Provincial Parks Lake Monitoring Program	
	Beauvais Lake	W0606
	Chain Lakes Reservoir	W0607
	Crimson Lake	W0608
	Dillberry Lake	W0609
	Elkwater Lake	W0610
	Gregg and Jarvis Lakes	W0611
	Gregoire Lake	W0612
	Lac Cardinal	W0613
	Lake Newell Reservoir	W0614
	Long Lake	W0615
	McLeod Lake	W0616
	Miquelon Lake	W0617
	Moonshine Lake Reservoir	W0618
	Reesor Lake Reservoir	W0619
	Saskatoon Lake	W0620
	Spruce Coulee Reservoir	W0621
	Steele Lake	W0622
	Sturgeon Lake	W0623
	Winagami Lake	W0624
Pulp Mills	A preliminary assessment of the impact of existing pulp mills on the Peace River	W8916
Pulp Mills	An assmnt - the effects of the combined pulpmill & municipal effluents at Hinton on the WQ & zoobenthos of the Athabasca River	W8917
Pulp Mills	The Peace and Athabasca River systems: a synopsis of AE's monitoring programs & the WQ effects of existing pulpmill effluents	W8918
Pulp Mills	Water quality in the Wapiti-Smoky River system downstream of the Procter and Gamble pulp mill, 1983	W8920
Pulp Mills	An Evaluation of Interference by Pulp Mill Effluent in the Azide-Winkler Oxygen Technique	W9002

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Pulp Mills	Chlorinated anisoles and veratroles in a Canadian river receiving bleached kraft pulp mill effluent. Identification, dist. & olfactory evaluation (copies can be obtained from NWRI-Burlington) From The Long-Term River Network, 2003	W9208
Quality Assurance	Guidelines for Quality Assurance and Quality Control in Surface Water Quality Programs in Alberta	W0603
Recreation	Coliform Bacteria Content of Some Alberta Recreational Waters	X8001
Recreation	Recreation Potential and Water Quality Characteristics of a Calgary Stormwater Retention Lake	W8405
Red Deer River	Pollution Survey Summary: Red Deer River 1970-71	W7106
Red Deer River	Working Paper on Phosphorus Loadings to Lake Diefenbaker from The South Saskatchewan and Red Deer Rivers	W8415
Red Deer River	Prelim Assmnt - Changes in Benthic Invertebrate Dist of the Red Deer River in the 1st 3 Years After Cons of the Dickson Dam	W8608
Red Deer River	An Assessment of the Short Term Effects of the Impoundment of the Red Deer River on the River's Zoobenthos	W8807
Red Deer River	An Overview of Water Quality in the Red Deer River Basin (1983-84)	W8912
Red Deer River	The Effect of the Dickson Dam on Water Quality and Zoobenthos of the Red Deer River	W9206
Red Deer River	An Analysis of Non-compliance Patterns to Prairie Provinces Water Board Objectives in the Red Deer River at the Alberta/Saskatchewan Boundary	W9507
Red Deer River	An Empirical Analysis of Water Temperature and Dissolved Oxygen Conditions in the Red Deer River	W9709
Red Deer River	Raw Water Quality of the Red Deer River with Respect to the Operation of the Anthony Henday Water Treatment Plant – Spring Runoff 1997	W9809
Red Deer River	Bacterial Surveys in the Red Deer River (1996 – 1998)	W9903
Reesor Lake Reservoir	Reesor Lake Reservoir Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0619
Rehabilitation	Experimental Macrophyte Control by Shallow Dredging in Wabamun Lake, Alberta	W7705
Rehabilitation	Aquatic Plant Management Pesticide Chemicals Branch, PCD	X7901
Rehabilitation	Gull lake effects of diversion on water quality	W8105
Rehabilitation	Water quality implications of regulating the water level of Pine Lake	W8411

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Rehabilitation	Minnie Lake stabilization plan water quality assessment	W8610
Rehabilitation	Lac St. Cyr: The impact of river diversion on water quality	W8719
Rehabilitation	Final Report on the 1988 Lime Treatment of Halfmoon Lake	W8922
Rehabilitation	Impact of water level stabilization on water quality of Lac La Biche	W9007
Rehabilitation	Final Report on the 1989 Lime Treatment of Halfmoon Lake	W9019
Rehabilitation	Assessment of the Potential for Water Quality Improvement in Pine Lake	W9101
SSR Basin	Aspects of Water Quality and Pollution Control in the South Saskatchewan River Basin	W6908
SSR Basin	Summary Report – South Saskatchewan River Pollution Survey 1969-1970	W7004
SSR Basin	Pollution Survey Summary: South Saskatchewan River 1970-1971	W7107
SSR Basin	Water Quality Survey of the South Saskatchewan River at Medicine Hat, Alberta, August, 1974	W7403
SSR Basin	Oldman River and South Saskatchewan River Water Quality Data 1973-75	W7501
SSR Basin	Survey of the Chironomid Larvae of the South Saskatchewan River Near Medicine Hat, Alberta, 1974	W7502
SSR Basin	Analysis of the Cladophora Problem (South Saskatchewan River)	W7710
SSR Basin	River classification study of the South Saskatchewan River Basin Vol. 1.	W7805
SSR Basin	River classification study of the South Saskatchewan River Basin, Vol. II	W7806
SSR Basin	Summary and analysis of the "river classification study of the South Saskatchewan River basin"	W7807
SSR Basin	River classification study of the South Saskatchewan River Basin, Vol. III (table/appendices)	W7808
SSR Basin	Phosphorus Input Inventory for South Saskatchewan River Basin	W7810
SSR Basin	SSR Basin eutrophication control study 1979 Interim Report	W7908
SSR Basin	Working Paper on Biologically Available Phosphorus in the South Saskatchewan River System, 1979	W7909
SSR Basin	Phosphorus removal in the South Saskatchewan River basin	W8008
SSR Basin	South Saskatchewan River basin planning program Phase II	W8109

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
	Water Quality Component	
SSR Basin	SSR Basin eutrophication control study 1980-81 Interim Report	W8110
SSR Basin	Qual II Simulation - South Saskatchewan River Basin	W8202
SSR Basin	Review of salinity levels in the South Saskatchewan River basin (1967-1980)	W8203
SSR Basin	The Implementation of WQRRS for Water Quality Modelling on the Bow, Oldman, South Saskatchewan and Red Deer Rivers	W8511
SSR Basin	The limnological characteristics of the Bow, Oldman and SSR (1979-82) Part II The primary producers	W8519
SSR Basin	The limnological characteristics of the Bow, Oldman and SSR (1979-82) Part I Nutrient and Water Chemistry Appendix B.	W8520
SSR Basin	The limnological characteristics of the Bow, Oldman and SSR (1979-82) Part I Nutrient and Water Chemistry	W8521
SSR Basin	A summary of ecological characteristics of the SSR basin with specific reference to the Bow River (1979-82)	W8613
Saline	Review of salinity levels in the South Saskatchewan River basin (1967-1980)	W8203
Sand River	The impact of the proposed Sand River reservoir on winter dissolved oxygen levels in the Beaver and Sand Rivers	W8518
Sandy Lake	Trophic status of Sandy and Nakamun Lakes	W7906
Sandy Lake	Sandy Lake brochure	W8501
Sandy Lake	Status of Water Quality in Sandy Lake	W9301
Sandy Lake	Volunteer Citizens' Lake Monitoring Program (1993) Burnstick, Sandy and Islet Lakes	W9404
Saskatoon Lake	Saskatoon Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0620
Sediment	Lake Wabamun eutrophication study interim report on 1980 lake sediment studies	W8108
Sediment	Distribution of Contaminants in the Water, Sediment and Biota in the Peace, Athabasca and Slave River Basins: Present Levels and Predicted Future Trends (NRBS Synthesis Report No.3)	X9703
Sediment	A First Estimate of Organic Carbon Storage in Holocene Lake Sediments In Alberta, Canada	X9908
Sediment	Concentrations of Selenium in Surface Water, Sediment and Fish from	W0001

KEYWORD**REPORT TITLE****STATUS/BOX/FILE**

	the McLeod, Pembina and Smoky Rivers: Results of Surveys from Fall 1998 to Fall 1999. Interim Report.	
Sediment	A Survey Of Metals And Trace Organic Compounds In Sediments From Wabamun Lake And Other Alberta Lakes	W0301
Sediment	Toxicity Assessment of Wabamun Lake Sediments Prep. By HydroQual Laboratories Ltd.	W0304
Sediment	Investigations of Poly-Chlorinated Biphenyls in Bottom Sediments of the Bear-Wapiti-Smoky-Peace and Upper Athabasca River Systems, 1989-2000	W0401
Sediment	An Assessment of Sediment Quality, Benthic Invertebrates and Epilithic Algae in the North Saskatchewan River Based on 2007 and 2008 data (released through Central Region)	W1004
Selenium	Concentrations of Selenium in Surface Water, Sediment and Fish from the McLeod, Pembina and Smoky Rivers: Results of Surveys from Fall 1998 to Fall 1999. Interim Report.	W0001
Selenium	Fish diet analysis – McLeod and Smoky River drainages (released through Central Region) (available in .pdf format on the AENV Website)	X0404
Selenium	Results of aquatic studies in the McLeod and Upper Smoky River systems	W0503
Selenium	Selenium concentrations in the tissues of fish from the Upper McLeod and Upper Smoky River systems (released through Central Region)	X0602
Selenium	Evaluation of treatment options to reduce water-borne Selenium of coal mines in West-Central Alberta (released through Environmental Policy Branch)	X0605
Selenium	Final Report: Scientific review and workshop on Selenium at Alberta mountain coal mines held in Hinton, Alberta, Canada on June 28 and 29, 2005 by the Selenium Science Panel (released through Central Region)	X0701
Sewage Treatment	The impact of the chlorination of municipal sewage effluents on lotic ecosystems (interim report - Feb 1980)	W8006
Sewage Treatment	Evaluation of the "septic snooper" on Wabamun and Pigeon Lakes	W8206
Sewage Treatment	Preliminary assessment of the effect of phosphorus reduction in Calgary's sewage treatment plants on the Bow River	W8413
Sewage Treatment	A Preliminary Assessment of the Impact of the Cold Lake/Grand Centre Regional Sewage Treatment System on the Beaver River	W8811
Sewage Treatment	The Impact of Aerated Sewage Lagoon Effluent on the Water Quality In Field Lake	W9806
Sewage Treatment	A Review of Nitrogen Conditions in the Wapiti River System with Respect to Grande Prairie Sewage Effluent	W9807

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Shorncliffe Lake	Volunteer Citizens' Lake Monitoring Program (1992) Shorncliffe, Goose and Islet Lakes	W9305
Skeleton Lake	Skeleton, Garner, Muriel Lakes Water Quality Studies	W7905
Skeleton Lake	Skeleton Lake brochure	W8504
Skeleton Lake	Volunteer Citizens' Lake Monitoring Program (1989) Skeleton, Buffalo and Capt. Eyre Lakes	W9016
Snow Disposal	Snow Disposal, Edmonton-Calgary, 1971-1972	W7203
South Heart Dam	A Preliminary Assessment of WQ in Winagami Lake Relative to Proposed Changes in Operation of the South Heart Dam	W9001
Spruce Coulee Reservoir	Spruce Coulee Reservoir Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0621
Steele Lake	Steele Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0622
Stormwater Lakes	Stormwater retention impoundments: Recreational uses and potential water quality problems (a literature review)	W8204
Stormwater Lakes	Forest Lawn Stormwater Retention Pond Study Project Proposal	W8209
Stormwater Lakes	Forest Lawn Stormwater Retention Pond – 1981 Data Analysis	W8210
Stormwater Lakes	Recreation Potential and Water Quality Characteristics of a Calgary Stormwater Retention Lake	W8405
Sturgeon Lake	Sturgeon Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0623
Sylvan Lake	Sylvan Lake report, physical and chemical characteristics with some notes on biological components (draft)	W7604
Sylvan Lake	An overview of recreational WQ in Sylvan Lake, with emphasis on bacteriological conditions near the provincial park beach	W8816
Sylvan Lake	Assessment of Water Quality in Sylvan Lake	W9908
Target Loading	A Discussion Paper on Target Loading Estimates for Acidic Deposition in Alberta	W8812
Target Loading	A review of approaches for setting acidic deposition limits in Alberta	W9014
Taste & Odour	Relationship Between Odor of Petroleum Refinery Wastewater and Occurrence of “Oily” Taste-Flavor in Rainbow Trout, Salmo Gairdnerii	W6910
Thunder Lake	Water Quality Assessment of Thunder Lake	W9805

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Trend	A Review of Trend Analysis Methodologies for Water Quality Time Series (AAFRD/AENV)	X0205
Trend	Water Quality Conditions and Long-Term Trends in Alberta Lakes	W1102
Trophic Status	Assessment of the potential for improving water quality in Crimson Lake	W7803
Trophic Status	Skeleton, Garner, Muriel Lakes water quality studies	W7905
Trophic Status	Lac La Nonne Water Quality Report	W8004
Trophic Status	Impacts of lake level fluctuations on trophic status	W8005
Trophic Status	Pine Lake water quality report	W8007
Trophic Status	The trophic status of Lac La Biche, May 1980	W8009
Trophic Status	A preliminary trophic assessment of nine lakes in the Cold Lake region	W8103
Trophic Status	A trophic assessment of nine lakes in the Cold Lake region - interim report	W8104
Trophic Status	Lake Wabamun eutrophication study (interim report) 1981	W8107
Trophic Status	Lake Wabamun eutrophication study interim report on 1980 lake sediment studies	W8108
Trophic Status	Water quality in Lake Isle - 1983	W8410
Trophic Status	Water Quality of Southern Alberta Lakes and Reservoirs	W8514
Trophic Status	Baptiste Lake study technical report and summary	W8517
Trophic Status	A Trophic Assessment of Bonnie Lake	W8701
Trophic Status	Post-Impoundment Water Quality in Crawling Valley Reservoir, Alberta	W9102
Tucker Lake	A Total Phosphorus Budget for a Shallow, Naturally Eutrophic Lake: Tucker Lake, Alberta	W8905
Urban Runoff	Effects of spring runoff on the NSR in the City of Edmonton	W8307
Volunteer Program	Volunteer citizen's lake monitoring program (1988) - Lac Ste. Anne and Pigeon Lake	W8817
Volunteer Program	Volunteer Citizens' Lake Monitoring Program (1989) Skeleton, Buffalo and Capt. Eyre Lakes	W9016
Volunteer Program	Volunteer Citizens' Lake Monitoring Program (1990) Lac La Nonne	W9103

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Volunteer Program	Volunteer Citizens' Lake Monitoring Program (1992) Shorncliffe, Goose and Islet Lakes	W-9305
Volunteer Program	Volunteer Citizens' Lake Monitoring Program (1993) Burnstick, Sandy and Islet Lakes	W9404
Volunteer Program	Volunteer Citizens' Lake Monitoring Program (1994) Ghost Reservoir	W9501
Volunteer Program	Volunteer Citizens' Lake Monitoring Program (1995) Matchayaw Lake	W9602
Volunteer Program	Lake Watch: 1996 Volunteer Lake Monitoring Program	X9901
WQ Data - Historical	River Data 1969-1970	W7002
WQ Data - Historical	River Data 1970-1971	W7103
WQ Data - Historical	Lake and River Data 1971-1972	W7201
WQ Data - Winter	Water Quality - North Saskatchewan River Winter 1966-67	W6707
WQ Data - Winter	Winter water quality in the Athabasca River system 1988 and 1989	W8919
WQ General	Water Quality in Alberta	W7001
WQ General	Surface Water Quality Criteria – Province of Alberta (Prep. By Dept. of Health, Copy Only)	W7007
WQ General	An intensive surface water quality study of the Muskeg River watershed Vol. I, Water Chemistry. (AOSERP)	W7904
WQ General	South Saskatchewan River basin planning program Phase II Water Quality Component	W8109
WQ General	The Battle River Study Outline 1984/85	W8414
WQ General	Water Quality Overview of Athabasca River Basin. Prepared for Planning Division by Nanuk Engineering & Development Ltd.	X8501
WQ General	Water Quality in Deep Release Reservoirs and downstream Effects (A Literature Review)	W8617
WQ General	Longitudinal Zonation of the Biota and Water Quality of the Bow River System in Alberta, Canada	W8907
WQ General	Summary of Water Quality Studies for the North Saskatchewan River Basin Planning Program 1985-1989	W8911
WQ General	An Overview of Water Quality in the Red Deer River Basin (1983-84)	W8912
WQ General	An Evaluation of Nutrients and Biological Conditions in the	W9011

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
	Bow River, 1986 to 1988	
WQ General	Data Review Water Quality Monitoring at the Alberta/Northwest Territories Boundary	X9302
WQ General	Canada Alberta Northwest Territories Response to the Northern River Basins Study Report to the Ministers	X9702
WQ General	Alberta's Surface Water Quality Project (Paper)	W9705
WQ General	Pesticides in Alberta Surface Waters (CAESA Paper)	W9708
WQ General	Surface Water Quality Guidelines for Use in Alberta (November 1999)	X9909
WQ General	Guidebook to Water Management. Background information on Organizations, policies, legislation, programs and projects in the Bow R. Basin	X0204
WQ General	Guiding Principles for Water Quality and Aquatic Ecosystem Monitoring	W0604
WQ General	Current and Future Water Use in Alberta	X0702
WQ General	Summary Report on the Initial Assessment of Ecological Health of Aquatic Ecosystems in Alberta: Water Quality, Sediment Quality and Non-Fish Biota	W0705
WQ General	Information Synthesis and Initial Assessment of the Status and Health of Aquatic Ecosystems in Alberta: Surface Water Quality, Sediment Quality and Non-Fish Biota (Technical Report)	W0706
WQ General	Information Synthesis and Initial Assessment of the Status and Health of Aquatic Ecosystems in Alberta: Surface Water Quality, Sediment Quality and Non-Fish Biota (Appendices to the Technical Report)	W0706A
WQ Index	Development of a Water Quality Index for Aquatic Life in the North Saskatchewan River	W7901
WQ Index	Development and Use of Water Quality Indices – The Alberta Experience (Submission to the CWRA Newsletter, December 1999)	X0001
WQ Overview	River classification study of the South Saskatchewan River Basin Vol. 1.	W7805
WQ Overview	River classification study of the South Saskatchewan River Basin, Vol. II	W7806
WQ Overview	Summary and analysis of the "river classification study of the South Saskatchewan River basin"	W7807
WQ Overview	The limnological characteristics of the Bow, Oldman and SSR (1979-82) Part II The primary producers	W8519
WQ Overview	The limnological characteristics of the Bow, Oldman and SSR (1979-82) Part I Nutrient and Water Chemistry Appendix B.	W8520

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
WQ Overview	The limnological characteristics of the Bow, Oldman and SSR (1979-82) Part I Nutrient and Water Chemistry	W8521
WQ Overview	North Saskatchewan River: Characterization of Water Quality in the vicinity of Edmonton 1982-1983 Overview	W8609
WQ Overview	NSR: Characterization of WQ in the vicinity of Edmonton (1982-83) Part I Introduction, Water Chemistry, Chlorophyll, Bacteriology	W8611
WQ Overview	NSR: Characterization of WQ in the vicinity of Edmonton (1982-1983) Part II Zoobenthic surveys of spring, summer, and fall 1982	W8612
WQ Overview	An Overview of Water Quality in the Fort Chipewyan Area	W8809
WQ Overview	Wapiti - Smoky River Synoptic Water Quality Survey	W8908
WQ Overview	An Overview of Water Quality in the Oldman River Basin (1984-85) (Released March 27, 1997; no official memo-per Dave Trew)	W9006
WQ Overview	Limnological aspects of the Peace and Athabasca rivers	W9009
WQ Overview	Ecological Characteristics of the Highwood River (1983-1985)	W9018
WQ Overview	Water Quality of the Peace River In Alberta (1990)	W9020
WQ Survey	Water Quality Survey of the South Saskatchewan River at Medicine Hat, Alberta, August, 1974	W7403
WQ Trends	North Saskatchewan River water quality 1970-1981	W8308
WQ Trends	A history of stream pollution assessment and control - North Saskatchewan River 1950's to 1980's	W8406
WQ Trends	A general overview of current and historical water quality in the Beaver River	W8412
WQ Trends	The Bow River Water Quality Monitoring 1980-1985	W8602
WQ Trends	The Bow River Water Quality Monitoring 1970-1980	W8615
WQ Trends	Long-Term Trends in the Water Quality of the Beaver River	W9005
WQ Trends	Temporal and Spatial Trends for Coliform Bacteria in the Bow River, 1951-1994	W9601
WQ Trends	A Review of Trend Analysis Methodologies for Water Quality Time Series (AAFRD/AENV)	X0205
WQ Trends	Water Quality Conditions and Long-Term Trends in Alberta Lakes	W1102
Wabamun Lake	Lake Wabamun Study	W7302
Wabamun Lake	Discussion of a winter fish kill in Goosequill Bay, Wabamun Lake	W7402

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Wabamun Lake	Experimental Macrophyte Control by Shallow Dredging in Wabamun Lake, Alberta	W7705
Wabamun Lake	Lake Wabamun Eutrophication Study Proposal	W8010
Wabamun Lake	Lake Wabamun eutrophication study (interim report) 1981	W8107
Wabamun Lake	Lake Wabamun eutrophication study interim report on 1980 lake sediment studies	W8108
Wabamun Lake	Evaluation of the "septic snooper" on Wabamun and Pigeon Lakes	W8206
Wabamun Lake	Lake Wabamun Final Report 1983 Lake Wabamun Watershed Advisory Committee	X8301
Wabamun Lake	Preservation of Water Quality in Lake Wabamun Lake Wabamun Eutrophication Study	W8522
Wabamun Lake	A Survey Of Metals And Trace Organic Compounds In Sediments From Wabamun Lake And Other Alberta Lakes	W0301
Wabamun Lake	Spatial Variability Of Water Quality In Wabamun Lake (July 2002) Data Report	W0302
Wabamun Lake	Disinfection By-Products In The Wabamun Lake Water Treatment Plant-Treated Water And Wabamun Lake, July 2002 To March 2003	W0303
Wabamun Lake	Toxicity Assessment of Wabamun Lake Sediments (Prep. By HydroQual Laboratories Ltd.)	W0304
Wabamun Lake	Benthic Invertebrate Assessment in Wabamun Lake, November 2002 (Prep. By Stantec)	W0305
Wabamun Lake	Wabamun Lake Water Quality 1982 to 2001	W0309
Wabamun Lake	An Overview of Recent Studies on Wabamun Lake	X0309
Wabamun Lake	Lake Wabamun: A Review of Scientific Studies and Environmental Impacts	X0501
Wabamun Lake	Wabamun Lake Oil Spill August 2005: Data Report for Water and Sediment Quality in the Pelagic Area of the Lake (August 4-5 to September 15, 2005)	W0602
Wabamun Lake	Wabamun Lake phosphorus budget during the 2008 runoff and open water season	W1103
Wapiti-Smoky Rivers	Macrobenthic fauna surveys of the Lower Wapiti River 1973-1975	W7603
Wapiti-Smoky Rivers	Wapiti - Smoky River Synoptic Water Quality Survey	W8908
Wapiti-Smoky Rivers	Water quality in the Wapiti-Smoky River system downstream of the Procter and Gamble pulp mill, 1983	W8920

<u>KEYWORD</u>	<u>REPORT TITLE</u>	<u>STATUS/BOX/FILE</u>
Wapiti-Smoky Rivers	Absorbable Organic Halide (AOX) Sampling in the Athabasca & Wapiti-Smoky Rivers Fall & Winter 89/90	W9022
Wapiti-Smoky Rivers	Water quality in the Wapiti-Smoky River System under low-flow Conditions 1987-1991. A synopsis of government surveys and monitoring	W9203
Wapiti-Smoky Rivers	A Review of Nitrogen Conditions in the Wapiti River System with Respect to Grande Prairie Sewage Effluent	W9807
Wapiti-Smoky Rivers	Investigations of Poly-Chlorinated Biphenyls in Bottom Sediments of the Bear-Wapiti-Smoky-Peace and Upper Athabasca River Systems, 1989-2000	W0401
Well Blowouts	Preliminary report of the effects of the Amoco gas well blowout October 1982 on the benthic fauna of the Pembina River	W8207
Well Blowouts	Water Quality Monitoring Results on the Pembina River Near the Amoco Blowout Site 13-12-48-12 W5	W8403
Wetlands	Baseline Pesticide Data for Semi-Permanent Wetlands in the Aspen Parkland of Alberta (WRUG)	X0301
Wetlands	A Review of Indicators of Wetland Health and Function in Alberta's Prairie, Aspen Parkland and Boreal Dry Mixed Wood Regions	W0708
Winagami Lake	A Preliminary Assessment of WQ in Winagami Lake Relative to Proposed Changes in Operation of the South Heart Dam	W9001
Winagami Lake	Winagami Lake Water Quality Monitoring Reports – Provincial Parks Lake Monitoring	W0624
Wizard Lake	Wizard Lake brochure	W8401
Wizard Lake	Water Quality of Wizard Lake	W9810
Wood Buffalo NP	Wood Buffalo National Park Water Quality: Status and Trends from 1989-2006 in Three Major Rivers; Athabasca, Peace and Slave	X0901
WRUG	An Initial Assessment of Microcystin in Raw and Treated Municipal Drinking Water Derived from Eutrophic Surface Waters in Alberta	W0210
WRUG	Baseline Pesticide Data for Semi-Permanent Wetlands in the Aspen Parkland of Alberta (WRUG)	X0301
WRUG	Determination of New Pesticides in Alberta's Surface Waters (1999 – 2000)	X0305
WRUG	Effects of Water Temperature and Treated Pulp Mill Effluent on Survival and Growth of Daphnia Magna (Cladocera: Daphnidae) and Taenionema (Plecoptera: Taeniopterygidae) (SERUG)	X0308
WRUG	Ecological Relevance of Pesticide Residues in Alberta Surface Waters: an Evaluation based on Toxicity Testing	X0502

KEYWORD

REPORT TITLE

STATUS/BOX/FILE

WRUG

Glyphosate Residues In Alberta's Atmospheric Deposition, Soils And
Surface Waters

[X0503](#)

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