

C Appendix C - Similkameen Water Database Listings & Users' Manual

Number	Author	Date	Title	Surface Water	Groundwater	Fish & Habitat	Climate	Water Quality	Management	Policy	Riparian	TK
1		1983	Nickel Plate water quality report					x				
2		1992	Fish sampling data fro Waump Creek and Allison Creek 1965-1992			x						
3		2002	2000-02 - Tailed Frog - Merritt - Kamloops									
4		2005	Lower Similkameen River arsenic total maximum daily load (water cleanup plan). Detailed implementation plan					x				
5		2006	2006 - Tiger Salamander - South Okanagan - Penticton								x	
6		2011	Environmental assessment for hydropower licence: Enloe hydroelectric project - FERC project No. 12569 Washington	x								
7	Adelaide Consulting	2010	BC water symposium creating a water science strategy: Discussion Paper						x	x		
8	Adelaide Consulting	2011	BC water symposium proceedings						x	x		x
9	Alan, F., P. Hamlet, J. Carrasco, M.M. Deems, T. Elsner, C. Kamstra, S. Lee, G.S Lee, E.P. Mauger, E. P Salathe, I. Tohver, L. W. Binder		Final report for the Columbia basin climate change scenarios project				x					
10	ARC Environmental Ltd	1997	Fish collection permit 97-30-0226 for 17 unnamed streams			x						
11	Art, J	1999	Briefing paper for the Okanogan watershed WRIAs 48, 49, 50	x				x				
12	Arterburn, J., K. Kistler, and R. Dasher	2005	2005 Okanogan basin steelhead spawning ground surveys			x					x	
13	Ash & Associates Consulting Ltd	1987	Stage 1 submission	x	x	x	x	x	x		x	
14	Associated Environmental Consultants	2007	Sampling data from Amberty Creek and Vuich Creek Fish Collection Permit			x						
15	Atkinson, D., and W.S Orth	2002	Proof of Water - Lot #1 and Lot #2, Part of Lot B, Section 30, plan 32785, Keremeos, BC		x							
16	Bailey, M. and U.R. Sumaila	2012	Freshwater angling and the BC Economy	x		x						

32	Brandes, O. M. and Curran, D	2009	Setting a New Course in British Columbia-Water Governance Reform Options and Opportunities							x	x		
33	Brandes, O. M., Ferguson, K., M'Gonigle, M., Sandborn, C.	2005	At a Watershed: Ecological Governance and Sustainable Water Management in Canada							x	x		
34	British Columbia		Living Water Smart: British Columbia's Water Plan							x	x		
35	British Columbia	2010	British Columbia's Water Act Modernization: Policy Proposal on British Columbia's new Water Sustainability Act	x	x					x	x		
36	British Columbia	1989	Master Plan for Cathedral Provincial Park	x		x					x	x	
37	British Columbia	2001	Okanagan-Shuswap Land and Resource Management Plan			x		x	x	x			
38	British Columbia	2003	Allison Lake Provincial Park: Purpose Statement and Zoning Plan	x								x	
39	British Columbia	2003	Bromley Rock Provincial Park: Purpose Statement and Zoning Plan	x		x					x	x	x
40	British Columbia	2003	Management Direction Statement for Kilpoola Site South Okanagan Grasslands Protected Area								x	x	x
41	British Columbia	2003	Management Direction Statement for Mount Kobau Site South Okanagan Grasslands Protected Area	x								x	x
42	British Columbia	2003	Stemwinder Provincial Park: Purpose Statement and Zoning Plan	x								x	x
43	British Columbia	2004	Management Plan for E.C. Manning Provincial Park and Cascade Recreation Area	x		x						x	x
44	British Columbia	2006	Keremeos Columns Provincial Park: Purpose Statement and Zoning Plan										
45	British Columbia	2007	Purpose Statement and Zoning Plan for Nickel Plate Provincial Park	x		x				x		x	
46	British Columbia	2007	Purpose Statement for Whipsaw Creek Ecological Reserve				x					x	
47	British Columbia	2010	British Columbia's Water Act Modernization: Discussion Paper							x	x		
48	British Columbia	2013	Water Act							x	x		
49	British Columbia and Union of British Columbia Municipalities	2012	Memorandum of understanding on local government participation in the new relationship with First Nations									x	
50	British Columbia.	2010	British Columbia's Water Act Modernization Technical Background Report	x	x					x	x		

91	Dwight Shanner, Graham Martens		Ashnola River restoration								x	
92	EBA Engineering Consultants Ltd	1998	History of debris floods on susap creek fan lower Similkameen valley	x								
93	EBA Engineering Consultants Ltd	2005	Fish collection summary for the upper reaches of Keremeos Creek			x					x	
94	Econnics	2010	British Columbia Drought Management Plan						x			
95	Ecoscape Environmental Consultants Ltd	2009	Inventory Summary Report Wetland Inventory, Classification, Evaluation And Mapping (WIM) Kelowna								x	
96	EDI Environmental Dynamics Inc	2011	Kingsvale to Oliver reinforcement pipeline (KORP) project: Atlas of fish and fish habitat crossing assessments along the proposed pipeline alignment, fish collection permit KA-PE10-65825	x		x		x			x	
97	Elliots, W. G	2007	Similco landslide creates downstream concern	x								
98	Ennis, K. A. & Grainger, K. L	1992	Distribution and Abundance of Purple Loosestrife in the Okanagan Valley								x	
99	Entrix	2009	Similkameen River appraisal level study	x					x			
100	Environment Canada and BC Ministry of Environment, Lands and Parks	2000	Water quality status and trend report of 68 selected British Columbia waterbodies	x				x				
101	Era-Miller, B	2007	Similkameen river and Palmer Lake investigation of arsenic in fish tissue	x		x		x				
102	Era-Miller, Brandee	2006	Quality assurance project plan: Similkameen River and Palmer Lake investigation of arsenic in fish tissue	x		x		x				
103	Ernst, A	2000	Aboriginal fisheries information within the Okanagan Basin	x		x						x
104	Ernst, A., and C. Daggett	2000	Expanded archival fisheries research with the Okanagan Nation			x						x
105	ESSA Technologies Ltd	1999	Developing a strategy for restoring chinook salmon (Onchorhynchus tshawytscha) in the Okanagan-Similkameen Region			x					x	
106	ESSA Technologies Ltd	2009	Incorporation of traditional and local ecological knowledge and values in fisheries management			x			x	x		x
107	EVS Environmental Consultants	1996	Level 1 Interior Assessment Procedure: Keremeos Creek									
108	Fanning, M.L	1985	Enloe Dam project annual report 1984			x		x			x	
109	Fish and Wildlife Branch	1985	Reconnaissance and lake survey of lot 842	x		x		x				

145	Hallauer, W. G	1979	Agreements and aftermaths: The British Columbia-Washington State Boundary							x	
146	Hamilton, K.T., and J. Balfour	1995	Groundwater Supply Assessment Proposed Subdivision of Western Portion of DN 2989 SDYD, Keremeos, BC		x			x			
147	Hamlet, A.F., Carrasco, P., Deems, J., Elsner, M.M., Kamstra, T., Lee, C., Lee, S., Mauger, G.S., Salathe, E.P., Tohver, I. and Binder, L.W.	2010	Final Report for the Columbia Basin Climate Change Scenarios Project	x				x			
148	Hanke, G	2004	Dace collection in the Similkameen and Nooksack drainages			x					x
149	Hatch Energy Ltd	2009	Similkameen River international steering committee Similkameen watershed study	x				x			
150	Hawthorn, S	1969	A partial reconnaissance survey of Nickel Plate Lake								
151	Hay & Company Consultants Inc	1995	Floodplain mapping program: Similkameen and Tulameen Rivers at Princeton and Similkameen and Ashnola Rivers at Keremeos design brief	x							
152	Hay & Company Consultants Inc	1995	Similkameen River at Keremeos floodplain mapping								
153	Henderson Environmental Consulting Ltd	1999	Overview Assessment for the Lamont Creek Sub-basin (ID # 108)	x							
154	Henderson Environmental Consulting Ltd	1999	Overview Assessment for the Granite Creek Above the Arrista Creek Watershed (ID # 88)								
155	Henderson Environmental Consulting Ltd	1999	Overview assessment for the Similkameen above Whipsaw sub-basin (#54)	x							
156	Henderson Environmental Consulting Ltd	1999	Overview assessment for the Smith Creek Watershed sub-basins #103,105, 106	x							
157	Henderson Environmental Consulting Ltd	1999	Overview assessment for the Whistle Creek Watershed (ID # 179)	x							
158	Henderson Environmental Consulting Ltd	1999	Overview Hydrologic Assessment for the ASP Creek Watershed	x							
159	Henderson Environmental Consulting Ltd	2000	Overview hydrological assessment of the Steven Creek Watershed	x							
160	Henderson Environmental Consulting Ltd	2000	1999 Overview Hydrological Assessments of the Merritt District Sub-basins (Volume I) 1997 IWAP	x							
161	Henderson Environmental Consulting Ltd	2000	Overview Assessment of the Siwash Creek Watershed (#69, 71, 72)	x							

162	Henderson Environmental Consulting Ltd	2000	Overview Hydrologic Assessment of Hayes Creek below Siwash	x									
163	Henderson Environmental Consulting Ltd	2000	Overview Hydrologic Assessment of Summers Creek Residual Area (#73)	x									
164	Henderson Environmental Consulting Ltd	2000	Overview Hydrologic Assessment of the Missezula Lake Watershed	x									
165	Henderson Environmental Consulting Ltd	2000	Overview Hydrologic Assessment of the Rampart Creek Watershed (#76)	x									
166	Henderson Environmental Consulting Ltd	2000	Overview Hydrologic Assessment of the Red Creek Watershed (Sub-basin 83-86	x									
167	Henderson Environmental Consulting Ltd	2000	Overview hydrologic assessment of the Similkameen River face units #176	x									
168	Henderson Environmental Consulting Ltd	2000	Overview Hydrological Assessments of the Merritt District Sub-basins	x									
169	Henderson Environmental Consulting Ltd	2001	Overview hydrological assessment for the Pasayten River #56	x									
170	Henderson Environmental Consulting Ltd	2001	The current (2000) and Proposed (up to 2004) ECA for Allison Creek, Blakeburn Creek, Britton Creek, Champion Creek, and Kwinshatin Creek watersheds	x									
171	Henderson Environmental Consulting Ltd	2002	Overview Assessment for the Thynne Creek Watershed	x									
172	Henderson Environmental Consulting Ltd	1999	Overview Hydrologic Assessment for the Arrastra Creek Watershed (ID #89)	x									
173	Henshaw, D	1999	Bellevue Creek habitat restoration project			x						x	
174	Hodge, W.S	1991	Assessment of water Quality - Keremeos/Cawston BC		x			x					
175	Houston, C	1985	Okanagan region fish scale data up to 1985			x							
176	Hurst, D	2003	Analysis of sediment from the Similkameen River and Plamer Creek, US.										
177	IEC Beak Constultants Ltd	1984	Similkameen river habitat inventory for enloe dam passage	x		x							
178	IEC Beak Consultants	1983	Draft: Fish data summaries for the Similkameen River Watershed			x						x	
179	IEC Beak Consultants Ltd	1985	Similkameen river system 1984 summer creel survey	x		x							
180	International Joint Commission	2013	In the matter of the application of the state of Washington for approval to construct a control structure near the outlet of Osoyoos Lake: Supplementary order of approval							x		x	

181	International Osoyoos Lake Board of Control	2012	Recommendations for Renewal of the International Joint Commission's Osoyoos Lake Order							x	x		
182	IRC Integrated Resource Consultants Inc	1997	1996 Tulameen River watershed stream assessment volume 1 final report			x		x					
183	IRC Integrated Resource Consultants Inc	1999	1998 Granite Creek restoration works			x							
184	Iverson, K	2010	Sensitive ecosystems inventory: South Okanagan gap areas										
185	Iverson, K and A. Haney	2010	Refined and updated ecosystem mapping for the South Okanagan and lower Similkameen Valley										x
186	Iverson, K. and A. Haney	2006	An updated terrestrial ecosystem map (TEM) for the South Okanagan Valley (with sensitive ecosystems inventory - SEI)										
187	Iverson, K. and A. Haney	2012	Refined and updated ecosystem mapping for the South Okanagan and Similkameen Valley										x
188	Iverson, K., D. Curran, T. Fleming, and A. Haney	2008	Sensitive ecosystems inventory Okanagan Valley: Vernon to Osoyoos 2000 to 2007										x
189	J Jemmett & Associates	2008	Fish collection permit PE08-48598 fisheries assessment for Similco Mines			x							
190	J Jemmett & Associates	2008	Wolfe Creek fisheries assessment			x							
191	Jain, S. and U. Lall	2001	Floods in a changing climate: Does the past represent the future?	x									
192	Jantz B., and K. Morris	2001	Silver Lake fisheries assessment	x		x							
193	Jantz, B	1982	Surveys and inventory: Allison Lake chain inventory.			x							x
194	Jantz, B	1983	Murphy (Bear) Lake Inventory 1982 00877SIML			x							x
195	Jantz, B	1984	Laird Lake, Dry Lake, Allison Creek Inventory 1983			x							
196	Jantz, B	1998	Chain Lake culvert replacement on Hayes Creek										
197	Jantz, B	2003	Barton (Heart) Lake access and fishery inspection 01008SIML			x							
198	Jantz, B. and K. Morris	2003	Davis Lake (00155SIML) 2000 fisheries assessment and management plan			x							x
199	Jantz, B. and K. Morris.	2003	Boss Lake (00132SIML) 2000 fisheries assessment and management plan			x							x
200	Jantz, B., and J. Webster	2003	Rampart Lake fisheries assessment and management plan - 2002	x		x							
201	Jantz, B., and J. Webster	2004	Cliff Lake fisheries assessment and management plan			x							x
202	Jantz, B., and J. Webster	2004	Rick Lake fisheries assessment and management plan - 2003	x		x							

203	Jantz, B., and J. Webster	2006	Spukunne Lake fisheries assessment and management plan - 2005	x		x						
204	Jantz, B., and K. Morris	2000	Harvey Hall Lake fisheries assessment and management plan	x		x						
205	Jantz, B., and K. Morris	2001	Allison Lake fisheries assessment			x					x	
206	Jantz, B., and K. Morris	2001	Borgeson (Round) Lake fisheries assessment			x						
207	Jantz, B., and K. Morris	2001	Thalia Lake fisheries assessment and management plan	x		x						
208	Jantz, B., and K. Morris	2002	Deadman Lake fisheries assessment	x		x		x				
209	Jantz, B., and K. Morris.	2001	Prosser Lake fisheries assessment	x		x						
210	Jantz, Brian and Jason Webster	2004	Osprey Lake fisheries assessment and management plan - 2003	x		x						
211	Jantz, B., and K. Morris	2001	Nickel Plate Lake fisheries assessment	x		x		x				
212	Jensen, E	1981	Water quality assessment and objectives for Keremeos Creek watershed Okanagan area: overview	x				x				
213	Jensen, V. and B. Dean	2000	Water quality assessment and objectives for Keremeos Creek	x				x				
214	JMJ Holdings Inc	1996	Cathedral provincial park bioterrain and ecosystem inventory								x	
215	Johnson, A	1997	Survey of metals concentration in the Similkameen River.					x				
216	Johnson, A	1999	Dredging simulation test on Similkameen River sediments									
217	Johnson, A	2002	A total maximum daily load evaluation for arsenic in the Similkameen river	x				x				
218	Johnson, A., and M. Peterschmidt	2005	Effects of small-scale gold dredging on arsenic, copper, lead, and zinc concentrations in the Similkameen River	x				x				
219	Johnson, A., D. Serdar, and D. Davis	1997	DDT sources to the Okanogan River and Lake Osoyoos.									
220	Johnson, K., and D. Jolly	1997	First Nations water rights in British Columbia: a historical summary of the rights of the Upper Similkameen First Nation	x						x		
221	Johnson, R	1994	Report on a general fish inventory of streams in the South Okanagan and Similkameen watersheds			x						x
222	Johnston, R	1984	Allison creek coarse fish barrier			x						

223	Jones, A	2011	Review of the economics of restoring hydropower at enloe dam on the Similkameen River: Analysis of the Public Utility District no. 1 of Okanogan County's final license application for Federal energy regulatory commission project no. 1256.											
224	Jones, D.L	1982	Similkameen River boulder groups										x	
225	Judie Steeves	2009	Similkameen river dam proposal eyed in U.S							x				
226	Kennedy, D., and R. Bouchard	1975	Utilization of fish by the Colville Okanagan Indian People			x								x
227	Kerr Wood Leidal Associates Ltd	1990	Report on Literature Search on Water Conservation Methods	x						x				
228	Kingfisher Environmental	1998	Fish collection summary report			x								
229	Klohn Crippen Berger Ltd	2011	Copper Mountain Mine 2010 fish population study			x							x	
230	Klohn Crippen Berger Ltd. and J. Jemmett	2009	Fish collection permit PE09-57700 Similkameen River and Wolfe Creek			x								
231	Klohn Leonoff Ltd	1992	West Bench/Sage Mesa area geological hazards review	x	x			x						
232	Lacey, D.G. and T.N. Webber	1999	Water quality in British Columbia: Objectives attainment in 1996 and 1997	x					x					
233	Land and Water British Columbia Inc	2004	Dealing with Drought: A Handbook for Water Suppliers in British Columbia	x						x				
234	Larking, P.A	1950	Creel census of the One Mile Lakes			x								
235	Lawrence, C. and R. Keeler	2010	Lower Columbia River Sculpin and Dace life history assessment (Similkameen, Tulameen, Slocan, Kootenay, Columbia rivers and Otter Creek)							x				x
236	Lea E.C., R.E. Maxwell, and W.L. Harper	1998	Biophysical habitat units of the South Okanagan study area											
237	Lea, T	2008	Historical (pre-settlement) ecosystems of the Okanagan Valley and Lower Similkameen Valley of British Columbia - pre-European contact to the present											x
238	Lewis, A.,T. Hatfield, B. Chilibeck, and C. Roberts	2004	Assessment methods for aquatic habitat and instream flow characteristics in support of applications to dams, diver, or extract water from streams in British Columbia	x				x					x	x

239	Living Rivers and the Partnership for Water Sustainability in BC	2012	Primer on Integrated Rainwater and Groundwater Management for Lands on Vancouver Island and Beyond: Integrating the Site with the Watershed and the Stream	x	x					x	x	x	
240	Livingston, E	1963	Large scale use of groundwater, Similkameen Valley		x								
241	Livingston, E	1965	Notes on: Pumping Tests Carried out on Four Wells At Keremeos		x								
242	Livingston, E	1968	Results of Pumping Tests on Keremeos Irrigation District Wells		x								
243	Livingston, E	1991	Progress report: Test-production drilling program concerning proposed Kitley Lake Subdivision		x			x					
244	Livingston, E	1995	Feasibility of Groundwater for Domestic Use for Proposed Subdivision of District Lot 1925s		x					x			
245	Livingston, E	1998	Completion report installation and testing of a water supply well for the community of Olalla, BC		x					x			
246	Lomas, N.T	1977	Memo: Fairview Heights Irrigation District - Cawston BC		x								
247	Long, K	2003	Okanagan region fish species at risk status report				x						x
248	Lowen, D	1978	Memo: Keremeos Effluent Disposal		x				x				
249	Lower Mainland Treaty Advisory Committee (LMTAC)	2006	Building relations with First Nations: A handbook for local governments									x	
250	M. Miles and Associates Ltd	1999	Tulameen River watershed overview channel assessment					x					
251	Mark Hume	2009	Flood of anger	x						x			
252	Marr, B.E	1963	Feasibility of using groundwater for irrigation near Keremeos		x								
253	Martens, G.	2002	An evaluation of the hatchery and wild rainbow trout fishery within the Similkameen River near Hedley, British Columbia				x						x
254	Mathews, S., and C.J. Bull	2003	Selection of focal watersheds for the protection and restoration of fish stocks and fish habitat in the Okanagan Region				x						
255	Mathews, S.	1991	Cliff and Rick Lakes investigation - July 24 & 25, 1989				x						
256	Mathews, S	1984	Rampart Lake investigation	x			x						
257	Mathews, S	1984	Similkameen River and Tulameen River rainbow trout fry stocking				x						

258	Matthews, S	1987	Davis Lake investigation - June 4 and 5, 1985			x						x	
259	Matthews, S	1987	Inventory reports on various lakes in the Similkameen drainage including: Alaric, Boss, Cathedrals, Chain, Davis, Goose, Hook, Kump, Larry, Rampart, Siwash, Thalia - 1982 to 1985			x							x
260	Matthews, S	1989	Link Lake Outlet Creek (Hayes Creek) Assessment			x							
261	Matthews, S	1990	Letter discussing a stream clearance project on Hayes Creek outlet to Link lake			x							
262	Matthews, S	1991	Harvey Hall Lake fishery, water quality and dam operation			x		x					
263	Matthews, S	1994	Corral Lake fishing regulation change 1994 01681SIML			x							x
264	Matthews, S.	1983	Mountain whitefish in the Similkameen River			x							x
265	Matthews, S.	1984	Feasibility of introducing steelhead into the Similkameen River			x							x
266	Matthews, S.	1984	Similkameen River and Tulameen River rainbow trout fry stocking			x							
267	McKinney, C	2012	Enloe hydroelectric project										
268	McNeil, R.Y	1973	Osoyoos Lake discharges during high Similkameen River flows	x									
269	Miller, B., J. Panther, and J. Arterburn	2010	Annual report: Okanogan basin monitoring and evaluation program			x							x
270	Ministry of Environment	1985	Draft report on Okanogan rivers and streams			x							x
271	Ministry of Environment	1985	Length at age 2+ of rainbow trout sampled in the Okanogan, Similkameen, Kettle and Shuswap Watersheds			x							x
272	Ministry of Environment	1985	Proposal Harvey Hall Lake water licence and operating agreement	x		x			x				
273	Ministry of Environment	1986	Similkameen strategic environmental plan	x		x		x	x				
274	Ministry of Environment	1992	Unmanageable Lakes in the Okanogan, Similkameen, Shuswap and Kettle River Watersheds 00376KETL										
275	Ministry of Environment	2009	Dealing with Drought: A Handbook for Water Suppliers in British Columbia				x		x	x			
276	Mitchell, J	2011	Eastmere and Westmere lake access management assessment 2011 and assessment of fish barriers constructed on Allison, Hayes and Lee Creeks	x		x							

297	Onsite Engineering Ltd	2011	Flood prevention plan for Keremeos Creek (Olalla Town site)	x									
298	Osoyoos Times	2007	Possibility of dams and reservoirs studied for Similkameen watershed	x			x		x				
299	Overview Assessment for the Whipsaw Creek Watershed Including Subbasin 107 and 109	1999	Overview Assessment for the Whipsaw Creek Watershed Including Subbasin 107 and 109										
300	Parks Canada	2011	Proposed National Park Reserve for the Okanagan-Lower Similkameen: Feasibility Assessment Overview of Findings and Outcomes								x		
301	Peterschmidt, M	2004	Lower Similkameen River arsenic total maximum daily load	x					x				
302	Petrie, J. M	1976	Groundwater Supply for Individual Lots: Crown Subdivision Near Princeton Airport, D.L. 1823, SDYD, Plan 25808		x					x			
303	Phippen, B	2002	Water quality assessment of Similkameen River at Princeton (1996-2000)	x					x				
304	Phippen, B	2001	Water quality in British Columbia: Objectives attainment in 1998 and 1999	x					x				
305	Phippen, B	2002	Water quality in British Columbia: Objectives attainment in 2000 and 2001	x					x				
306	Phippen, B	2003	Water quality in British Columbia: Objectives attainment in 2002	x					x				
307	Phippen, B	2004	Water quality in British Columbia: Objectives attainment in 2003	x					x				
308	Phippen, B	2007	Water quality in British Columbia: Objectives attainment in 2005	x					x				
309	Phippen, B.	2002	Data analyses: long-term water quality monitoring report for Similkameen River at the International Border, 1976-2000	x					x				
310	Plate, E, Foy. M., and Krehbiel, R	2009	Best practices for First Nation involvement In environmental assessment reviews of development projects in British Columbia.								x		x
311	Points West Heritage Consulting Ltd	1993	Archaeological investigations for the proposed BC Gas South Okanagan Natural Gas (Song) Pipeline Project										
312	Porter M., J. Rosenfeld, E. A. Parkinson	1999	Predictive models of fish species distribution in the Blackwater Drainage, British Columbia				x						
313	Porter, Marc, Jordan Rosenfeld and Eric Parkinson	1998	Macrohabitat use and predictive models of fish distribution in the Blackwater Drainage	x			x						

320	Ptolemy, R.A	2009	Hydro-ecological characterization of key watersheds in the Similkameen-Boundary Region for the purposes of describing landscape units containing flow-sensitive streams	x		x			x			
321	Public Utility District No. 1 of Okanagan Country	2007	Enloe hydroelectric project (FERC project no. 12569) draft licence application	x		x		x	x			
322	R.G.M.	1950	A reconnaissance survey of Nickelplate Lake					x				
323	Rae, R	2005	The state of fish and fish habitat in the Okanagan and Similkameen Basins			x					x	
324	Raudsepp, V	1956	Notes on Cawston Groundwater Investigation		x							
325	Regional District Okanagan Similkameen	2012	Electoral Area `H` Official Community Plan Bylaw Number 2497, 2012								x	
326	Regional District of Okanagan-Similkameen	2010	Subdivision Servicing Bylaw Number 2000, 2002								x	
327	Regional District of the Okanagan - Similkameen (RDOS)	2006	Tulameen Community Water System Study Update		x				x			
328	Regional District of the Okanagan - Similkameen (RDOS)	2007	Tulameen Water		x				x	x		
329	Regional District of the Okanagan - Similkameen (RDOS)	2011	Electoral Area 'B' - Cawston - official community plan background report				x		x			
330	Regional District of the Okanagan - Similkameen (RDOS)	2012	Annual Water Quality Monitoring Report - Apex Circle Water System, Apex Mountain, B.C		x			x				
331	Regional District Okanagan Similkameen	2011	Area `G` Keremeos Rural Hedley Zoning Bylaw Number 2462, 2008. Consolidated to April 7, 2011									
332	Regional District Okanagan Similkameen	2011	Electoral Area `B` Cawston Official Community Plan Background Report								x	
333	Regional District Okanagan Similkameen	2012	Area `H` Similkameen Valley Zoning Bylaw Number 2498, 2012.								x	
334	Regional District Okanagan Similkameen	2013	Draft Area `B` Cawston. Official Community Plan. OCP Bylaw Number 2600								x	
335	Resource Inventory Branch	1998	Merritt timber supply area (TSA) inventory audit									
336	Robins, K	2009	Wetland inventory project									x
337	Robinson, G.W	1997	First Nation water rights in British Columbia: a historical summary of the rights of the Lower Similkameen First Nation	x					x			

338	Rocchini, R.J	1987	A check of how well water quality objectives were achieved in 1986	x				x				
339	Rodenhuis, D., K.E. Bennett, A.T. Werner, T.Q. Murdock and D. Bronaugh	2007	Climate overview 2007 hydro-climatology and future climate in British Columbia				x					
340	Rosenfeld, J	1996	Fish distribution diversity and habitat use in the Similkameen watershed	x		x						x
341	Ryder, J.M.	1969	Alluvial fans of post-glacial environments within British Columbia									
342	Sander, B	1998	Fish collection permit summary report for fish sampling in Shingle and Shatford Creek watershed			x						
343	Sarell, J., A. Haney, and J. Hobbs	2002	Crown land assessments in the South Okanagan									x
344	Schebel, Wendy	2005	South Okanagan puddle project									x
345	Scott L.K	2004	South Okanagan-Similkameen weed education and coordination program final status report									x
346	Sechelt Indian Band and Sunshine Coast Regional District	2003	Waterhsed Accord	x				x	x	x		
347	Secretariat on the Convention on Biological Diversity	2004	Akwe: Kon Guidelines									x
348	Serdar, D., D. Davis, and A Johnson	1998	DDT in Osoyoos lake fish.									
349	Shaw, R., and B.R. Taylor	1994	Assessment of federal-provincial water quality data for the Flathead and Similkameen Rivers	x				x				
350	Shaw, R.D	1994	Assessment of federal-provincial water quality data for the Flathead and Similkameen Rivers	x				x				
351	Silvatech Consulting Ltd	1999	Reconnaissance channel assessments in selected tributaries of the Tulameen River			x						
352	Simmit Environmental Consultants Inc	2011	Similkameen River water management plan: part 1 - scoping study	x	x		x	x				
353	Simons Reid Collins	1997	Overview fish habitat assessment of Hedley/McNulty, Cahill and Winters watersheds			x						x
354	Simons Reid Collins	1998	Integrated watershed assessment plan for the Hedley/McNulty, Cahill and Winters Watersheds	x		x				x	x	x
355	Smith, G	1998	Fish inventory and stream classification for the wolfe-belgie south operating area: Similkameen River tributaries 1.0, 2.0, 3.0			x						x

372	Swain, L.G	1985	Water quality assessment and objectives for Okanagan area Similkameen River sub-basin	x				x				
373	Swain, L.G	1987	Okanagan area - Cahill Creek and its tributaries water quality assessment and objectives	x				x				
374	Swain, L.G	1987	Water quality assessment and objectives for Cahill Creek and its tributaries	x				x				
375	Swain, L.G	1990	Water quality assessment and objectives for the Okanagan area Similkameen river sub-basin	x				x				
376	Swain, L.G	2007	Water quality assessment of Similkameen River at Princeton (1984-2006)	x				x				
377	Swain, L.G	2007	Water quality assessment of Similkameen River at U.S. border (1976-2006)	x				x				
378	Sylix Working Group	2012	Assessing Feasibility of a Sylix/Parks Canada Protected Area: Findings and Guiding Concepts						x	x		x
379	Talayco, N	2001	Okanogan/Similkameen Subbasin Summary			x						
380	Tamera Services Ltd	2002	Report Concerning Relations Between Local Governments and First Nation Governments							x		
381	Taylor, E.	2011	Genetics and distribution of species-at-risk, fish collection permit PECB09-55763			x						
382	Taylor, G. D	1972	Evaluation of partial diversion of Shinish Creek into Chain Lake	x								
383	Technical Advisory Committee Working Group on Watershed-based Community Planning	2002	A Watershed/Landscape-Based Approach to Community Planning: Draft Working Paper for the Greater Vancouver Regional District Technical Advisory Committee						x	x		
384	Therrien, R., W.S. Orth, G. McClymont, B. Carlsen	1994	Report on hydrogeological and geotechnical evaluation, Campbell Mountain Landfill, Penticton, BC		x							
385	Thomson, D	1994	The response of Okanagan Indians to European settlement.	x						x		
386	Timberline Natural Resource Group Ltd	2009	Sensitive ecosystems inventory (SEI) for the East Gate, Otter Lakes and Chain Lakes areas Regional District of Okanagan South (RDOS)									x
387	Todd, N	1998	Fish Collection Permit #97-80-0180 - Summary for the Tolko Operating Area, Merritt (Podunk, Britton, and Gellatly Creeks and the Coquihalla and Tulameen Rivers)			x						
388	Topp, L.C	1996	Water Supply Evaluation - Proposed Subdivision of Part of DL 2466 SDYD Plan DD 6424F		x				x			

389	Topp, L.C	2001	Water supply evaluation - proposed subdivision of DL 1799. ODYD - Apex Mountain Area		x			x	x			
390	Topp, L.C	2001	Water supply evaluation - proposed subdivision of part of DL 973s SDYD - Kaleden BC		x			x				
391	Tourism BC	2012	Tourism Plan Final Similkameen Valley, BC									
392	Town of Princeton	2008	Town of Princeton Official Community Plan							x	x	
393	Town of Princeton	2010	Bylaw No. 834, 2010 Water Use Restrictions							x		
394	Town of Princeton	2011	Zoning Bylaw Number 646, 1994							x		
395	TRUE Consulting Group	2006	Tulameen community water system study update	x					x			
396	Tucker, M	1997	The installation of spawning platforms in Stewart Creek.			x					x	
397	University of British Columbia	2012	Fish Collection Permit CB/PE11-70346 Summers Creek, Otter Creek, Hayes Creek, Blueberry Creek, Hanna Creek, Beaver Creek and the Kettle River			x						
398	Unknown	2000	Draft: Profile of a candidate sensitive stream under the fish protection act lower Okanagan River (below Vaseux Lake)			x					x	
399	Unknown	2012	Similkameen watershed plan terms of reference	x	x	x	x	x	x		x	
400	Unknown	NA	Okanagan Watershed Descriptions For: Chute Creek, Eneas Creek, Equesis Creek, Kelowna (Mill) Creek, Lambly Creek, Mission Creek, Naramata Creek, Naswhito Creek, Okanagan lake, Peachland Creek, Penticton Creek, Powers Creek, Robinson Creek, Shingle Creek,	x		x						
401	Unrau, J	2006	Fish salvage report for culvert replacement works on Rivers End Road crossing of Bonnevier Creek, East Gate Manning Park, B.C..			x						
402	Urban Systems	1999	Traditional land use and occupancy of the Okanagan territory.									x
403	US Department of Energy	1984	Similkameen river habitat inventory	x		x		x			x	
404	van der Gulik, T., A. Peterson, D. Neilsen and R. Fretwell	2012	Agriculture water demand model: report for the Similkameen watershed				x		x			
405	van der Gulik, T., A. Petersen, D. Neilsen, R. Fretwell	2012	Agriculture water demand model: report for the Similkameen watershed						x			
406	Vedan, A	2002	Traditional Okanagan environmental knowledge and fisheries management.			x						x

424	Wildstone Resources Ltd	1995	Impact of Apex Alpine Receptions Ltd. Water Licence Application on Aquatic Life and Channel Stability. Final Report	x									x
425	Wildstone Resources Ltd	1996	Stream classification for cutting permit 141 Hedley Creek	x		x							
426	Wildstone Resources Ltd	1997	Fish and fish habitat operational inventory, 1996			x							x
427	Wildstone Resources Ltd	1997	Scientific collect permit for Belgie Creek, Placer Creek and 6 unnamed tributaries	x		x							
428	Wildstone Resources Ltd	1997	Scientific collection permit for Combination Creek, Wolfe Creek and unnamed tributaries to the Similkameen River	x		x							
429	Wildstone Resources Ltd	1997	Scientific collection permit for unammed tributaries to Similkameen River and Whipsaw Creeks	x									
430	Wildstone Resources Ltd	1997	Stream classification project for Champion Creek and Tulameen River tributaries			x							
431	Wildstone Resources Ltd	1998	Reconnaissance (1:20,000) fish and fish habitat inventory of tributaries to the Nicola and Similkameen Rivers and Okanagan Lake			x							x
432	Wildstone Resources Ltd	1999	Fish inventory and stream classification for CP 41 (Hedley Creek trib), CP 111 (Howard Lake), CP 109, 110, 136 (Campbell Creek, and CP 117, (Affleck and Stirling Creeks)			x							
433	Wildstone Resources Ltd	2000	Fish collection permit 00-50-0340 Similkameen River & the following tributaries: Tulameen River, Ashnola River, Asp Creek, Allison Creek, Hayes Creek, Wolfe Creek, Smith Creek, Hedley Creek, Cabill Creek			x							
434	Wilkes, B., Collier, J. and Brandes, O. M	2013	Inventory and Research Survey Summary: Needs and Priorities of Watershed---Based Groups In British Columbia							x			
435	Wiltner, I.T	1989	A management plan for Nickel Plate Lake at Nickel Plate Park,1990-1995			x							
436	Wong, J., Porter-Bopp, S. And Brandes O. M	2009	Water Conservation Planning Guide for British Columbia's Communities							x			
437	Wysocki, R	2001	Draft report on fish kill in Keremeos Creek	x		x			x	x			x
438	Zackodnik, A.D	1995	Johnstone Creek dam proposal, 1992 - 1995							x			
439	Zackodnik, A. and C.R. Smith	1986	Conditional water licence and initial letter: McRae Creek			x				x			
440	Zackondnik, A.D	1994	Conditional water licence 103346 on Jonstone Creek and Lake	x						x			

Date: January 27, 2014 **File:** 2013-8017.000

To: Liisa Bloomfield - Regional District of Okanagan
 Similkameen

From: Summit Environmental Consultants Inc.

Project: Similkameen River Watershed Plan

Subject: Similkameen Water Information Database: Users
 Memo

MEMO

The purpose of this memo is to provide guidance to RDOS staff on procedures for using the Similkameen Water Information Database (SWID). The procedures include:

1. Opening the form.
2. Browsing and searching existing records.
3. Editing existing records.
4. Entering new records.
5. Printing a record.

1. Opening the form

To open the Similkameen database entry form, double click on the Similkameen Water Information Database (SWID). This will open up Microsoft Access. Now double click on the 'ENTER RECORDS HERE' link on the far left (Fig 1-1).

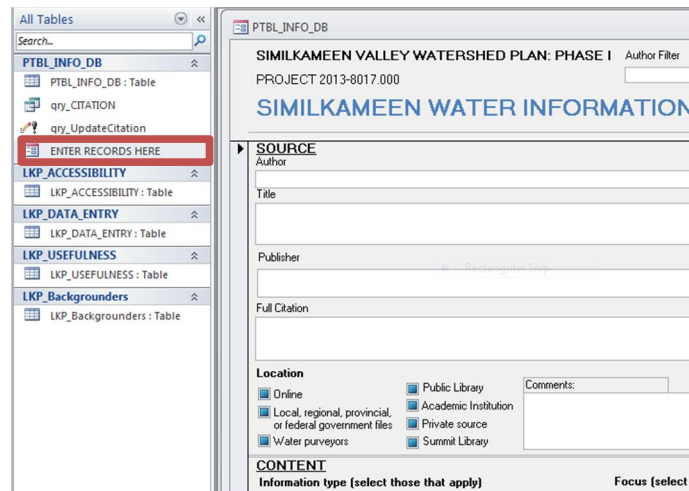


Figure 1-1

This will open up the Access database form for entering or editing data.

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2. Browsing and searching existing records.

To browse existing records use the paging arrows at the bottom of the form (Fig. 1-2).

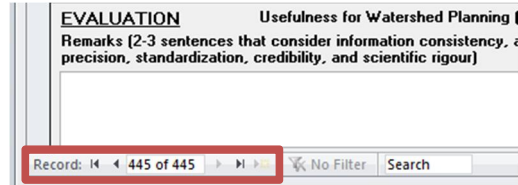


Figure 1-2

Click on the right or left arrows to navigate between records.

Search for specific records using the search button at the top of the form (Fig. 1-3).



Figure 1-3

Clicking the button will bring up the search modal dialog box (Fig. 1-4).

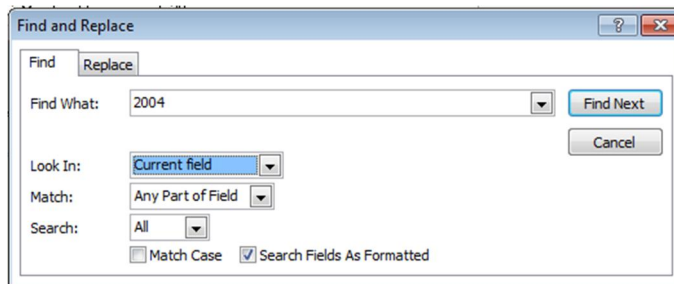


Figure 1-4

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- Use the 'Find What:' field to filter what text you would like to search for.
- The 'Look In:' dropdown sets if a specific field that currently contains the mouse cursor will be searched, or if all fields on the form will be searched.
- The 'Match:' field specifies which part of the field will be searched.
- The 'Search:' dropdown specifies how the search will navigate through the records (i.e. up, down or all).
- The 'Match Case' check box determines if the search text is case insensitive or not.
- Once all your search parameters are set, click the 'Find Next' button to start searching through the database records.
- The 'Replace' tab works exactly the same as the 'Find' tab, except it allows the editing of data.

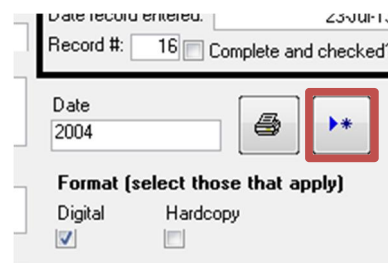
Clicking the 'Cancel' button will close the 'Find and Replace' dialog.

3. Editing existing records.

To edit an existing record, once the desired record is displayed make whatever edits are desired. Changes are automatically saved as a record is edited.

4. Entering new records.

Enter a new record by clicking on the new record button near the Date field (Fig. 1-5) or the new record button at the bottom of the form by the navigation buttons (Fig. 1-6).



The screenshot shows a software interface with the following elements:

- Top right: "Date record entered: 23-JUL-13"
- Record #: 16 Complete and checked?
- Date: 2004
- Format (select those that apply):
 - Digital
 - Hardcopy
- A button with a right-pointing arrow and an asterisk is highlighted with a red box.

Figure 1-5

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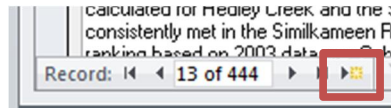


Figure 1-6

Clicking either of these buttons will open an empty form.

5. Printing a record.

Print a record by clicking on the print button (Fig. 1-7) will displaying the record to be printed.

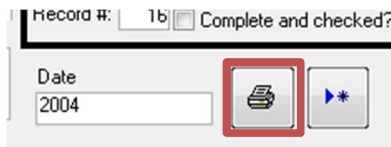


Figure 1-7

Set the printer to use in the File -> Print -> Print form (Fig 1-8)

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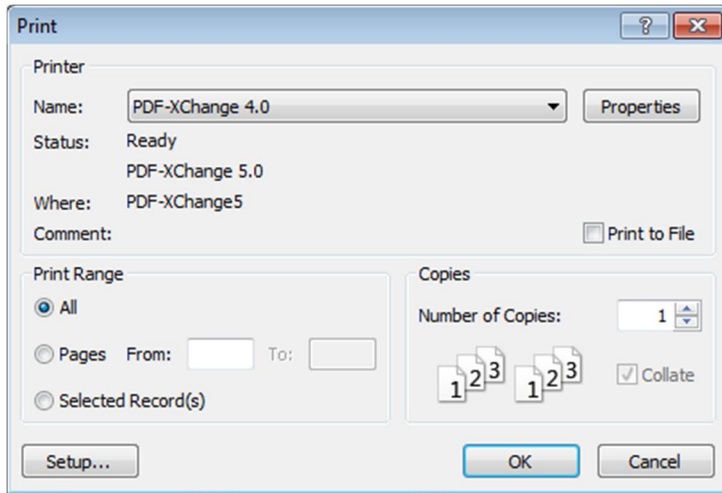


Figure 1-8