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FISS Report

Gazetted Name : MOFFAT CREEK
 Watershed Code : 160-635400-18700
 Waterbody Identifier : 00000HORS
 Region : 5
 Alias :
 Type : S
 Report created on : [Thu May 13 13:17:00 PDT 2010](#)

Water Quality Stations

No records found

Water Survey Stations

Station ID	Geo Ref 1	Geo Ref 2
08KH019	P 093A06 5038	

Management Objectives

Habitat Type	Objective 1	Objective 2
Anadromous River		

Enhancement

Activity	Start Year	Finish Year	Species Name	Comments	Reference Number	Geo Ref 1	Geo Ref 2
215 Biophysical Inventory/Assessment	1996	1996		(FISH STREAM INVENTORY, REF#HQ1325)	HQ1325	P 093A02 5501	
210 Biophysical Surveys (unspecified)	1998	1999	Rainbow Trout	(FISH PASSAGE - CULVERT INSPECTION)	HQ1637	P 093A02 9014	
215 Biophysical Inventory/Assessment	1996	1996		(FISH STREAM INVENTORY, REF#HQ1325)	HQ1325	P 093A03 5086	

215 Biophysical Inventory/Assessment	1996	1996		(FISH STREAM INVENTORY, REF#HQ1325)	HQ1325	P 093A03 5087	
215 Biophysical Inventory/Assessment	1996	1996		(FISH STREAM INVENTORY, REF#HQ1325)	HQ1325	P 093A03 5088	
215 Biophysical Inventory/Assessment	1996	1996		(FISH STREAM INVENTORY, REF#HQ1325)	HQ1325	P 093A03 5089	
215 Biophysical Inventory/Assessment	1996	1996		(FISH STREAM INVENTORY, REF#HQ1325)	HQ1325	P 093A03 5090	
110 Water Quality and Quantity	1994			(STREAM TEMPERATURE AND SEDIMENTATION MEASURED.)	HQ1706	P 093A03 6046	
110 Water Quality and Quantity	1994			(STREAM TEMPERATURE AND SEDIMENTATION MEASURED.)	HQ1706	P 093A06 5510	
215 Biophysical Inventory/Assessment	1996	1996		(FISH STREAM INVENTORY, EXCELLENT SALMONID HABITAT, REF#HQ1325)	HQ1325	P 093A06 5510	
215 Biophysical Inventory/Assessment	1996	1996		(FISH STREAM INVENTORY, GOOD SALMONID HABITAT, REF#HQ1325)	HQ1325	P 093A06 5513	
123 Bank Stabilization	1998	1999		Eroding banks along the right side of channel were protected using log revetments.	DFO160	P 093A06 12821	
133 Exclusion Fencing	1998	1999		Fencing and tree carcasses were used to exclude cattle from the riparian.	DFO160	P 093A06 12821	
215 Biophysical Inventory/Assessment	2001	2001		Assessment and evaluation of recent log revetment and planting work.	DFO160	P 093A06 12821	
123 Bank Stabilization	0999			BANK STABILIZATION WORK.	EW275	W 49600	

Harvests and Uses

No records found

Resource Use

No records found

Resource Values

No records found

Resource Sensitivities

No records found

Land Use

Description	Comments	Reference Number	Geo Ref 1	Geo Ref 2
Agriculture	(PASTURELAND, REF#1325)	HQ1325	P 093A06 5510	
Agriculture	(PASTURELAND, REF#HQ1325)	HQ1325	P 093A06 5510	
Land use (general/unspecified land use)	(MIXED AGRICULTURAL AND RURAL RESIDENTIAL, REF#1325)	HQ1325	U 093A06 5511	
Agriculture		HQ1325	U 093A06 5512	D 093A06 5511
Forestry	10% OF WATERSHED AND 12% FORESTED AREA CUT; ADDITIONAL 3.6% OF FOREST TIMBER CUT BY 1997.	EW294	W 49600	
Land use (general/unspecified land use)	MODERATE TO HIGH WATER USE DEMAND. TOTAL ANNUAL WITHDRAWAL FOR 7 WATER LICENCES IS 643,073 cu.m/yr.	29G-57	W 49600	

Fisheries Potentials and Constraints

Activity	Impact	Degree of Impact	Comments	Species Name	Reference Number	Geo Ref 1	Geo Ref 2
700 Habitat	Describing potential for increasing fisheries production	high	(GOOD FISH HABITAT)		HQ1637	P 093A02 9014	
620 Peak flows	Describing constraint for increasing	Not Specified	FLOODING (1990?)		EW275	W 49600	

(flooding)	fisheries production							
740	Describing constraint for increasing fisheries production	Not Specified	SAME YEAR AS CHANNEL WASHED OUT.			EW275	W	49600
Channel stability	fisheries production							
REARING HABITAT	Describing potential for increasing fisheries production	Not Specified	VERY PRODUCTIVE SYSTEM UP TO FALLS; JUVENILE CHINOOK AND RAINBOW REACH LARGE SIZE.	Rainbow Trout Chinook Salmon		29G-52	W	49600

Obstructions

Description	Height	Length	Comments	Species Name	Reference Number	Geo Ref 1	Geo Ref 2
Culvert	.7	0	(OUTFALL DROP AND HIGH VELOCITY WOULD BOTH ACT AS A FULL BARRIER TO FISH PASSAGE)		HQ1637	P 093A06 9014	
Falls	5	0			29G-52 SISSM01	P 093A06 44	
Falls	12	0			5106	P 093A06 5035	
Falls	3	0			HQ1325	U 093A06 5512	D 093A06 5511
Falls	5	0			HQ1325	U 093A06 5512	D 093A06 5511

Escapements

Species Name	Stock	Ten Year Start / End	Ten Year Mean / Max	Max Esc Year	Max. Escapements	Target esc.	Reference Number	Geo Ref 1	Geo Ref 2
Sockeye Salmon		1989 / 1998	5216 / 10665	10665	10665		DFO_ESC	W 49600	
Sockeye Salmon		1989 / 2000	3742 / 10665	10665	10665		NUSEDS-SUM	W 49600	

Fish Distributions

Species Name	Stock / Stock Type	Stock Char	Management Class	Activity	Comments	Refs And Dates	Geo Ref 1	Geo Ref 2
				OBL Fish observed			U	

Chinook Salmon	/ NOT SPECIF	Anadromous	Not Specified	at this point or zone	PRESENT ON MAP	(FISSM01, 01-JAN-1995)	093A0644	
Chinook Salmon	/ NOT SPECIF	Anadromous	Not Specified	OBL Fish observed at this point or zone		(5112, 01-MAY-1996)	P 093A065037	
Coho Salmon	/ NOT SPECIF	Anadromous	Not Specified	OBL Fish observed at this point or zone	PRESENT ON MAP	(FISSM01, 01-JAN-1995)	U 093A0644	
Coho Salmon	/ NOT SPECIF	Anadromous	Not Specified	OBL Fish observed at this point or zone		(5112, 01-MAY-1996)	P 093A065037	
Kokanee	/ NOT SPECIF	Not Specif	Not Specified	SPL Spawning location	PRESENCE NOTED.	(29G-47, 01-JAN-1989)	W 49600	
Leopard Dace	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5112, 01-MAY-1996)	P 093A065037	
Longnose Dace	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5084, 01-MAY-1975)	P 093A065044	
Longnose Sucker	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5110, 01-MAY-1972)	W 49600	
Mountain Whitefish	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5112, 01-MAY-1996)	P 093A065037	
Northern Pikeminnow (formerly N. Squawfish)	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5084, 01-MAY-1975)	P 093A065044	
Northern Pikeminnow (formerly N. Squawfish)	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5110, 01-MAY-1972)	W 49600	
Northern Pikeminnow (formerly N. Squawfish)	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5200, 01-MAY-1975)	P 093A035003	

Northern Pikeminnow / NOT SPECIF (formerly N. Squawfish)	Not Specif	Not Specified	OBL Fish observed at this point or zone	(5200, 01-MAY-1975)	P 093A03 5004	
Northern Pikeminnow / NOT SPECIF (formerly N. Squawfish)	Not Specif	Not Specified	OBL Fish observed at this point or zone	(5200, 01-MAY-1975)	P 093A03 5005	
Rainbow Trout	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone (12 FRY, 6 JUVENILE, 1 ADULT CAUGHT BY ELECTROSHOCKING, REF#HQ1325)	(HQ1325, 01-SEP-1997)	P 093A02 5501
Rainbow Trout	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone (3 FRY AND 3 ADULTS CAUGHT BY ELECTROFISHING, REF#1325)	(HQ1325, 01-SEP-1997)	P 093A03 5090
Rainbow Trout	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone (CAUGHT BY ELECTROFISHING BELOW CULVERT)	(HQ1637, 01-MAR-2000)	P 093A02 9014
Rainbow Trout	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone	(5110, 01-MAY-1972)	W 49600
Rainbow Trout	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone	(5112, 01-MAY-1996)	P 093A06 5037
Redside Shiner	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone	(5084, 01-MAY-1975)	P 093A03 5001
Redside Shiner	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone	(5084, 01-MAY-1975)	P 093A06 5044
Redside Shiner	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone	(5110, 01-MAY-1972)	W 49600
Redside Shiner	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone	(5200, 01-MAY-1975)	P 093A03 5003
			OBL Fish			

Redside Shiner	/ NOT SPECIF	Not Specif	Not Specified	observed at this point or zone		(5200, 01-MAY-1975)	P 093A03 5005
Sockeye Salmon	/ NOT SPECIF	Anadromous	Not Specified	OBL Fish observed at this point or zone	PRESENT ON MAP	(FISSM01, 01-JAN-1995)	U 093A06 44
Sockeye Salmon	/ NOT SPECIF	Anadromous	Not Specified	SPM Major spawning location	SPAWN THROUGHOUT LOWER CREEK.	(29G-47, 01-JAN-1989) (SISSM01, 01-JAN-1995)	U 093A06 17
Sucker (General)	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5084, 01-MAY-1975)	P 093A06 5044
Sucker (General)	/ NOT SPECIF	Not Specif	Not Specified	OBL Fish observed at this point or zone		(5110, 01-MAY-1972)	W 49600

Species and Life Phase History

Species Name	Stock	Comments	Reference Number	Geo Ref 1	Geo Ref 2
Sockeye Salmon			DFO_HIST	W 49600	

The activity period for any species is divided into two blocks of day 1-15 and day 16 to month end. Match the activity period of the species you are interested in to the corresponding period on the calendar provided.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec												
Migration	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Spawning	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Incubation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Rearing	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Species Name	Activity	Life Cycle Stage	Time of Year
Sockeye Salmon	X	Migration	16
Sockeye Salmon	X	Spawning	17

You can match the activity code for a species to the table below for more detailed information.

Code	Description
X	Activity occurring

Fiss References

Search EcoCat for keywords: [MOFFAT CREEK](#)

Reference Number : DFP001

Title : Addition of zones & points re: FISS maps for fish distribution for G.I.S. display purposes

Description : Addition of zones & points re: FISS maps for fish distribution for G.I.S. display purposes

Location : MELP, Fisheries Branch, Victoria

Reference code : Unpublished Government Report

Year : 1995

Author : PHILIP, D.F.

Reference Number :	DFO160
Title :	BIOPHYSICAL EVALUATION OF FISH HABITAT RESTORATION PROJECTS IN THE UPPER FRASER AREA
Description :	HRSEP 2001/02 Final Report; 10 pp.
Location :	DFO, Vancouver
Reference code :	Government Report
Year :	2002
Author :	DEPARTMENT OF FISHERIES AND OCEANS

Reference Number : HQ1637

Title : FISH PASSAGE CULVERT INSPECTION MOFFAT CREEK WATERSHED

Description : FISH SAMPLING, HABITAT ASSESSMENTS AND CULVERT INSPECTIONS PREPARED FOR WELDWOOD OF CANADA LIMITED AND BC ENVIRONMENT

Location : BC FISHERIES, VICTORIA, B.C.

Reference code : Consultant Report

Year : 2000

Author : EBA ENGINEERING CONSULTANTS LTD.

Reference Number :	FISSM01
Title :	FISS map/form information (source not indicated)
Description :	map information
Location :	MELP - Fisheries Headquarters, Victoria
Reference code :	Map
Year :	1995
Author :	DEPARTMENT OF FISHERIES AND OCEANS (DFO)

Reference Number : FISSM01

Title : FISS map/form information (source not indicated)

Description : map information

Location : MELP - Fisheries Headquarters, Victoria

Reference code : Map

Year : 1995

Author : MELP

Reference Number : 29G-52
 Title : Fisheries biologist. MOE, Williams Lake. Personal communication. 1990
 Description :
 Location :
 Reference code : Government Report
 Year : 1990
 Author : DOLIGHAN, R.B.

Reference Number : 5106
 Title : HORSEFLY RIVER STREAM SURVEY FILE
 Description :
 Location : MELP REGIONAL OFFICE, WILLIAMS LAKE
 Reference code : Unpublished Government Report
 Year : 1975
 Author : MELP

Reference Number : 5112
 Title : JUVENILE RAINBOW TROUT PRODUCTION IN THE HORSEFLY RIVER, THE LARGEST TRIBUTARY TO QUESNEL LAKE B.C.
 Description :
 Location : VICTORIA REPORT # FA 10-16
 Reference code : Unpublished Government Report
 Year : 1996
 Author : SEBASTIAN D.C.

Reference Number : DFO_HIST
 Title : LEGACY LIFE HISTORY AND TIMING OF SALMON SPECIES IN FRESHWATER WATERBODIES
 Description : DFO_SPEC_HIST_SUMMARY
 Location : DFO, VANCOUVER
 Reference code : Government Database
 Year :
 Author : DFO - VARIOUS

Reference Number : HQ1325
 Title : MOFFAT CREEK WATERSHED, CARIBOO FISH STREAM INVENTORY, FINAL REPORT
 Description : 83 PAGE REPORT, PLUS APPENDICIES (8PAGES)
 Location : BC FISHERIES, VICTORIA, BC
 Reference code : Consultant Report
 Year : 1997
 Author : TRITON ENVIRONMENTAL CONSULTANTS

Reference Number : 5200
 Title : MOFFAT LAKE STREAM SURVEY FILE
 Description :
 Location : MELP REGIONAL OFFICE, WILLIAMS LAKE

Reference code : Unpublished Government Report
 Year : 1975
 Author : MELP

Reference Number : 5110
 Title : MOFFAT LAKES FILE
 Description :
 Location : MELP REGIONAL OFFICE, WILLIAMS LAKE
 Reference code : Unpublished Government Report
 Year : 1972
 Author : KLEIN R.J.

Reference Number : 29G-47
 Title : Management Operations, Fraser River, Northern B.C. and Yukon Division. Stream files. 1989
 Description :
 Location :
 Reference code : Government Report
 Year : 1989
 Author : DEPARTMENT OF FISHERIES AND OCEANS (DFO)

Reference Number : NUSED-SUM
 Title : NUSED Database
 Description :
 Location : Ministry of Sustainable Resource Management, Victoria, BC
 Reference code : Government Database
 Year : 2000
 Author : FISHERIES AND OCEANS CANADA

Reference Number : 29G-57
 Title : QUESNEL HABITAT MANAGEMENT AREA (HMA) REPORT FOR FRASER RIVER ENVIRONMENTAL SUSTAINABLE DEVELOPMENT TASK FORCE. 1991
 Description : Flow; land use; physical habitat; water quality; water use
 Location : DFO - HABITAT MANAGEMENT DIVISION - VANCOUVER
 Reference code : Government Report
 Year : 1991
 Author : TRITON ENVIRONMENTAL CONSULTANTS LTD.

Reference Number : EW294
 Title : Quesnel habitat management area resource assessment
 Description : Volume 1. Prepared for Fraser River Environmentally Sustainable Development Task Force
 Location : DFO, Vancouver, BC
 Reference code : Government Report
 Year : 1994
 Author : TRITON ENVIRONMENTAL CONSULTANTS LTD.

Reference Number : SISSM01

Title : SISS map information (source not indicated)
 Description : map information
 Location : MELP - Fisheries Headquarters, Victoria
 Reference code : Map
 Year : 1995
 Author : DEPARTMENT OF FISHERIES AND OCEANS (DFO)

Reference Number : SISSM01
 Title : SISS map information (source not indicated)
 Description : map information
 Location : MELP - Fisheries Headquarters, Victoria
 Reference code : Map
 Year : 1995
 Author : MELP

Reference Number : HQ1706
 Title : STREAM MONITORING PROGRAM - HORSEFLY RIVER WATERSHED - EVALUATION
 Description : A SUMMARY OF RESULTS FROM TEMPERATURE AND SEDIMENTATION MONITORING STATIONS.
 Location : BC FISHERIES, VICTORIA, B.C.
 Reference code : Consultant Report
 Year : 1996
 Author : AIM ECOLOGICAL CONSULTANTS LTD.

Reference Number : HQ1706
 Title : STREAM MONITORING PROGRAM - HORSEFLY RIVER WATERSHED - EVALUATION
 Description : A SUMMARY OF RESULTS FROM TEMPERATURE AND SEDIMENTATION MONITORING STATIONS.
 Location : BC FISHERIES, VICTORIA, B.C.
 Reference code : Consultant Report
 Year : 1996
 Author : HETHERINGTON, E.D.

Reference Number : 5084
 Title : TYEE LAKE STREAM SURVEY FILE
 Description :
 Location : WILLIAMS LAKE
 Reference code : Unpublished Government Report
 Year : 1975
 Author : M.O.E.

Reference Number : EW275
 Title : Untitled
 Description : Personal communication with fisheries biologist
 Location : MOELP, Fisheries Branch, Prince George, BC
 Reference code : Government Report
 Year : 1994
 Author : MACDONALD, B.

22 references were found.

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