Chadwick Ecological Consultants, Inc.

5575 South Sycamore Street, Suite 101, Littleton, Colorado 80120 **26** (303) 794-5530, Fax (303) 794-5041

January 26, 1998

Fisheries Division
Montana Department of
Fish, Wildlife, and Parks
1420 East Sixth Avenue
Helena, MT 59620-0701

RECEIVED

FEB 02 1998

FISHLRIES DIV. DEPT. FISH, WILDLIFE & PARKS

Gentlemen:

Enclosed is the 1997 Scientific Collector's Permit Report for Permit No. SCF-0297. This permit covered the sampling of streams for the Yellowstone Pipeline Environmental Impact Statement. The streams were in the Clark Fork River basin west of Missoula, Montana. Sampling of most streams was done with backpack electrofishing, but several streams were sampled with bank electrofishing.

All fish were returned to the water after counting and measuring, with the exception of a few voucher specimens. Voucher specimens were limited to a few suckers, redside shiners, young squawfish, and one whitefish from Roman Creek, two sculpins from Butler Creek, and a few young trout and sculpins from Cedar and Upper Ninemile Creeks.

If there are any questions, please do not hesitate to call.

Sincerely,

CHADWICK ECOLOGICAL CONSULTANTS, INC.

Don J. Conklin, Jr.

Vice President

DJC/cmw

Enclosures

Montana Department of Fish, Wildlife and Parks FISHERIES DIVISION 1420 East Sixth Avenue, Helena, MY 59620 - 0701 P.O. Box 200701

REPORT OF FISH TAKEN UNDER A SCIENTIFIC COLLECTOR'S PERMIT -- 1997 #SCF-0297
Year

FAILURE TO REPORT THIS INFORMATION BY FEBRUARY 15 OF THE FOLLOWING PERMIT YEAR MAY RESULT IN PERMIT REVOCATION

Licensee's Name Don Co	onklin, Paul V	Winkle		Tetephone No.	
Street Address	ick Ecological		, Inc. 303/794		
5575	South Sycamore	Street, Su	ite 101		
city Little	eton		State CO		Zip Code 80120
Species Taken	² Approximate Number Taken	3 Size Range Inches	Gear Used	fime of Year	* Water and Location
Cutthroat trout	20	6.1-10.3	Backpack Electrofishing	3	O'Keefe Creek (007)
Largescale sucker	13	1.6- 2.3	11	3	T14N R20W S20 Missoula County
Longnose sucker	4	3.4- 7.5	11	3	
Largescale sucker	1	22	Backpack Electrofishing	3	O'Keefe Creek (008) T14N R20W S19
					Missoula County
Brown trout	20	3.0-19.8	Ba n k Electrofishing	3	Mill Creek (011)
Largescale sucker	3168	1.1- 5.9	"	3	T15N R21W S35 Missoula County
Longnose sucker	1676	1.1-14.2	"	3	
Pumpkinseed	33	2.0- 4.1	11	3	
Rainbow trout	12	1.9- 7.7	"	3	
Red side shiner	13	1.3- 4.1	11	3	
Squawfish	15	1.3- 3.0	n	3	
Whitefish	202	3.0- 8.6	11	3	
Yellow perch	26	2.1- 5.1	11	3	
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Year

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		TAT RESULT IN P	ENTIT REVOCATION		
	ear" use the follo Location" include	wing codes: 1=Jan County and Neare	Eab Macs 2-App Mass tim	; 3=Jul Aug Sep	; 4 = Oct Nov Dec
Licensee's Name Chadwi	Telephone No. & Area Code 303/794-5530				
Street Address 5575 S	South Sycamore	Street, Su	ite 101		
City Littleton			State CO		21p Code 80120
Species Taken	² Approximate Number Taken	3 Size Range Inches	4 Gear Used	Time of Year	* Water and Location
Mountain Whitefish	2	3.9- 4.1	Bank Electrofishing	3	Roman Creek (012)
Northern squawfish	240	2.6- 7.5	11	3	T15N R21W S32 Missoula County
Largescale sucker	665	1.2- 7.7	11	3	
Longnose sucker	250	3.1- 7.0	11	3	
Red side shin er	51		11	3	
			Backpack		Cirmila Guar
Brook trout	67	1.3- 9.7	Electrofishing	3	Sixmile Creek (015)
Brown trout	13	2.2-15.2	11	3	T15N R22W S14 Missoula County
Cutthroat trout	23	3.6-11.7	11	3	
Rainbow trout	9	3.4- 5.0	"	3	
Cutthroat trout	2	6 - 7	Backpack Electrofishing	3	Stony Creek
					T15N R22W S7 Missoula County
Brook trout	66	1.5- 7.9	Backpack Electrofishing	3	Butler Creek (031)
Slimy sculpin	28	1.3- 3.4	11	3	T16N R23W S24 Missoula County

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Year

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Licensee's Name	Don C	Conklin, Paul vick Ecologica			Telephone No.	& Area Code 303/794-553
Street Address		South Sycamor		ite 101		303/ /94-353
City	Littl	eton		State CO		Zip Code 80120
Species Ta	ken	² Approximate Number Taken	3 Size Range Inches	4 Gear Used	Time of Year	* Water and
Brook trout	t	9	3.5- 6.8	Backpack Electrofishing	.3	McCormick Creek (033)
Cutthroat t	trout	23	0.9- 6.6	"	3	T16N R23W S15 Missoula County
Brook trout		15	2.0- 7.2	Backpack Electrofishing	3	Pine Creek (039)
Cutthroat t	rout	28	2.4- 6.1	11	3	T17N R23W S32 Missoula County
No fish				Backpack Electrofishing	3	Little Blue Creek (040) T17N R23W S30 Missoula County
Brook trout		20	1.5- 6.2	Backpack Electrofishing	3	Big Blue Creek (041)
Cutthroat t	rout	23	2.5- 7.0	11	3	T17N R23W S30 Missoula County
Brook trout		34	2.7- 7.3	Backpack Electrofishing	3	Camp Creek
Cutthroat t	rout	3	4.7- 6.4	"	3	T17N R24W S24 Missoula County
Brook trout	•	.57	1.6- 7.0	Backpack Electrofishing	3	Soldier Creek (047) T17N R24N S24 Missoula County

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Year

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Licensee's Name	DOII (tocation" include Conklin, Paul wick Ecologica	Minkle	Telephone No. & Area Gode/794-553			
Street Address		South Sycamor				303/ 194-333	
City	Littl	eton		State CO		Zip Code 80120	
Species Take	en	² Approximate Mumber Taken	3 Size Range Inches	4 Gear Used	Time of Year	4 Nater and Location	
Brook trout		36	1.4- 8.1	Backpack Electrofishing	3	Burnt Fork Creek (050)	
Brown trout		1	6.7	11	3	T17N R24W S22 Missoula County	
Cutthroat tro	ut	9	2.8- 6.8	"	3		
No fish				Backpack Electrofishing	3	Mattie Creek (051) T17N R24W S28	
						Missoula County	
Brook trout		. 6	4-2- 7-0	Backpack Electrofishing	3	Martina Creek (052) T17N R24W S22 Missoula County	
Brook trout		55	1.3- 6.4	Backpack Electrofishing	3	West Fork Beecher (057) T17N R24W S9	
						Missoula County	
Brook trout		6	2.4- 4.3	Backpack Electrofishing	3	St. Louis Creek (058)	
Cutthroat trou	ıt	2	5.4- 6.0	11	3	T17N R24W S8 Missoula County	
Jo fish	•			Backpack Electrofishing	3	Boyer Creek (065)	
						T20N R26W S35 Sanders County	

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Montana Department of Fish, Wildlife and Parks FISHERIES DIVISION 1420 East Sixth Avenue, Helena, MT 59620 - 0701 P.O. Box 200701

REPORT OF FISH TAKEN UNDER A SCIENTIFIC COLLECTOR'S PERMIT - 1997 #SCF-0297

Year

FAILURE TO REPORT THIS INFORMATION BY FEBRUARY 15 OF THE FOLLOWING PERMIT YEAR MAY RESULT IN PERMIT REVOCATION

Column No. 6: "Water and	ear" use the follo	. AAMINE BUILD MESTE	Eab Maca 2-ton Main ton	n; 3=Jul Aug Sep;	4 = Oct Nov Dec
Licensee's Name Chadwi	Tetephone No. & Area Code 303/794-5530				
Street Address 5575 S	outh Sycamore	e Street, Su	ite 101		
City Littleton			State CO		Zip Code 80120
Species Taken	² Approximate Number Taken	³ Size Range Inches	4 Gear Used	fime of Year	* Water and
Brook trout	117	1.7- 7.8	Backpack Electrofishing	3	Kennedy Creek (063)
Brown trout	4	3.2- 7.9	11	3	T19N R25W S28 Sanders County
Cutthroat trout	3	₹ 7.9	11	3	
			De alma al-	×	
Brook trout	38	1.9- 9.7	Backpack Electrofishing	3	Tamarack Creek (070)
Rainbow trout	1	10.2	11	3	T18N R27W S9 Mineral County
Brown trout	3	2.6- 3.0	Bank Electrofishing	3	Cedar Creek
Bull trout	1	14.4	. 11	3	T16N R26W S3 Mineral County
Cutthroat trout	1	8.7	11	3	
Longnose dace	2	2.9- 3.2	11	3	
Rainbow trout	33	1.0- 7.0	tt	3	
Slimy sculpin	98	1.5- 3.7	13	3	
Mountain whitefish	39	3.1- 4.4	11	3	
No fish			Backpack Electrofishing	3	Houle Creek (087) TI5N R2IW S20
					Missoula County

Montana Department of Fish, Wildlife and Parks FISHERIES DIVISION 1420 East Sixth Avenue, Helena, NT 59620 - 0701 P.O. Box 200701

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FAILURE TO REPORT THIS INFORMATION BY FEBRUARY 15 OF THE FOLLOWING PERMIT YEAR MAY RESULT IN PERMIT REVOCATION

			ERMII REVOCATION		
Instructions: Return com Column No. 5: Milme of Y Column No. 6: MWater and	BACH INCA THA GAILS		a • a	n; 3=Jul Aug Sep	; 4 = Oct Nov Dec
Licensee's Name Don Chad	Telephone No. & Area Code 303/794-5530				
Canan add	South Sycamo				
city Litt	leton	State CO		Zip Code 80120	
Species Taken	² Approximate Number Taken	³ Si≥e Range Inches	4 Gear Used	Time of Year	Water and Location
Brook trout	75	1.6- 6.7	Bank Electrofishing	3	Sixmile Creek (088)
Cutthroat trout	30	2.0- 6.4	11	3	T15N R21W S7 Missoula County
Cutthroat trout	10	2.7- 6.9	Backpack Electrofishing	3	Stony Creek (091)
Slimy sculpin	52	1.0- 2.4	11	3	T16N R22W S33 Missoula County
Brown trout	11	2.4- 5.7	Bank Electrofishing	3	Ninemile Creek (095)
Largescale sucker	98	3.5- 5.7	11	3	T15N R22W S17 Missoula County
Longnose dace	164	3.4- 4.3	11	3	
Longnose sucker	2	3.8- 3.9	п	3	
Rainbow trout	132	1.5- 4.5	11	3	
Red side shiner	30	2.2- 5.0	и	3	
Northern squawfish	2	5.1-14.2	11	3	
Whitefish	4	3.1- 4.3	"	3	
Brook trout	30	2.2- 9.1	Bank Electrofishing	3	Ninemile Creek (096)
Brown trout	5	4.3-10.9	11	3	T17N R24W S26 Missoula County
Cutthroat trout	49	1.4- 8.7	11	3	

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Instructions: Return co	mpleted form to MDF	MP at the above a	ddress.		
Don C	Location include Conklin, Paul Vick Ecologica	Winkle			4 = Oct Nov Dec Area Code 303/794-553
Street teld					303/794-553
5575 South Sycamore Street, Sucity Littleton		State CO		Zip Code 80120	
Species Taken	² Approximate Number Taken	3 Size Range Inches	4 Gear Used	Time of Year	* Water and
Longnose dace	2	3.9- 4.8	Bank Electrofishing	3	Ninemile Creek (096) - CONT.
Longnose sucker	20	3.1- 5.7	11	3	
Rainbow trout	13	3.7- 7.9	11	3	
Slimy sculpin	27	1.8- 4.1	11	3	
Mountain whitefish	2	13.8-14.5	11	3	
•					