NDOW 1985

Field Fr 103 A

State Water Code 1208

____ of 2 ____ ForllUl

USFS Code _

SPECIES POPULATION INVENTORY SUMMARY

Stream W.F. Jarbidge River **Drainage** Snake River Countv Elko

Species Bull Trout (Dolly Varden) Investigators Layton, Williams, Fulton, Parker

Stat #	5.1	5.2-10.2	Ceo::imeters 10.3-15.2	15.3-20.3	20.4-25.4	25.5-30.5	30.6+	Total
1								0
2								0
3								0
4								0
5								0
6								0
7								0
8								0
9								0
10								0
11						1		1
12								0
						1		1

Stat #	Total No	Ave. Size	Perc. Catch	Perc. 6"+	Perc. -6"	Perc. Wild	6"+/ Mile	-6"/ Mile	Total/ Mile
1	0								0
2	0								0
3	0								0
4	0								0
5	0								0
6	0								0
7	0								0
8	0								0
9	0								0
10	0								0
11	1	76.6	1	100	0	100	40.6	0	40.6
12	0								0
Aver./Stat									

Stat #	Stat Length	S. Efficiency	Elev.	Water Temo.	Condo of Fish	Date
1	190'	Fair		48°F		9/11/85
2		Good		53°F		9/11/85
3	181'	Good		53°F	—	9/11/85
4	100'	Good		51°F	—	9/11/85
5	125'	Good		50°F	—	9/11/85
6	90'	Good		45°F	—	9/24/85
7	175'	Low		54°F	—	9/23/85
8	127'	Good		57°F	—	9/24/85
9	130'	Good		56°F	—	9/24/85
10	90	Good		57.5°F	—	9/24/85
11	130'	Good		41 DC	Fair	9/25/85
12	130'	Good		58°F		9/25/85

Field Fr LU3A

State Water Code

2 of 2 Forms

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SPECIES POPULATION INVENTORY SUMMARY

Stre.. W, F. Jarbidge Drainage County

Species Bull Trout (Dolley Varden) Investigators

Stat. /	5.1	5.2-10.2	Cen::imeters 10.3-15.2	15.3-20.3	120.4-25.4	25.5-30.5	30.6+	Total
/3								0
14								0
15	J							2
16		7	6	/		1 uncertain	1 J	/0
/7								0
TOTAL	1	2	7	J	(uncovered	J		13

Stat #	Total No	Ave. Size	Perc. Catch	Perc. 6"+	Perc. -6"	Perc. Wild	6"+! Mile	-6"! Mile	Total! Mile
1	(								0
14	0								0
15	7	8.5	20	0	100	100	0	105.6	105.6
16	10	10.5	67	10	90	15"	22.5	202.2	224.7
/7	0								0
Aver .JStat							„Zo" 6 *	61.6 *	74.2 *

* Averaged for stations 1\ thru 16

Sut. #	Stat Length	S. Efficiency	Elev.	Water Temn.	Condo of Fish	Date.
"	140'	Poor		47°F		9 [illegible] 85
14	/20'	Fair		42°F	-	9 [illegible] 85
15	100'	Fair		43°F	-	[illegible]
16	275'	Fair		40°F	Fair	10/2/85
17	900'	-		40°F	—	10/2/85

Office FF 105A
State Water Code 1208
USFS, Code

STREAM HABITAT SURVEY SUMMARY AND ANALYSIS

State -- County	District - Forest	Resource Area - P.U.
Nev. Elko	Jarbidge -/J., .. bokdt Nalt.	
Drainage: Snake River	Stream: W.F. Jarbidge River	Location: R. 58E Sect.
Hydrographic Region: J	Hydrographic Area	
Investigators: Layton Williams Fulton, Parker		Date: 9 & 10/85

General Data

Total length of stream (mi) in Nv. 18.1

Total length of stream:	Surveyed (mi)	Percent Ownership
a. BLM	5.0	27.6
b. USFS	10.1	55.8
c. Public, other		
d. Private	3.D	16.6

Total No. Sample Stations: 17	
a. USFS	9
b. BLM	6
c. Public, other	
d. Private	2
Total of all stream width measurements (m)	488.6
Total channel width (m)	1067.7
Total width - all pools (m)	115.2
Total width of all pools classed I, 2 and 3 (m)	57.0
Total meters of desirable bottom materials (m)	435.5
Total spawning gravels (m)	7Z.1
Sum of cover ratings	1/78
Sum of stability ratings	1325
Elevation: (M.S.L.) a. Lowest	5350'
b. Highest	8750'
Multiple use zones	
Number of camera points	
Channel stability evaluation: Number of rating points	15
Total of all-ratings	1232
Average score	82
Average score value	fair
Average bank sensitivity	
Sum of livestock use & damage	
Average score	
% livestock use & damage	

Limiting Factors

Percent of total stream width in pools'	2.4
Pool-riffle ratio, % optimum	48
Pool quality, % optimum	49
Percent of stream bottom with desirable materials	89
Bank cover, % optimum	69
Bank stability, % optimum	78
Percent of habitat optimum	67
Average depth of stream (m)	0,/7
Average width of stream (m)	5.7
Percent of stream shaded	19
Percent of bottom with clinging vegetation	3.0
Percent sedimentation	70
Percent of bottom with rooted vegetation	O.f
Average stream gradient (%)	4.1
Percent landform gradient RB	25.4
LB	
Average stream velocity (m/s)	0.49
Stream discharge (c.m.s.)	0.35
Average water temperature: (°F or °C)	48
Max.	57.5
Min.	40
Turbidity description	Cloudy/lake
Access: (mi) a. Remote	
b. Low standard trails	4.3
c. Improved trails	
d. Low standard roads	
e. Improved roads	13.8
Water quality analysis: a'. Hach kit	X
b. Chemical	
c. Coli	

Field Fo 1 U 3 A

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SPECIES POPULATION INVENTORY SUMMARY

Stream W.F. Jarbidge River Drainage Snake River County Elko

Species Bull Trout (Dolly Varden) Investigators Layton, Williams, Fulton, Parker

Stat #	5.1	5.2-10.2	Cen::imeters 10.3-15.2 "	15.3-20.3	120.4-25'.4	25.5-30.5	30.6+	Total
1								0
2								0
3								0
4								0
5								0
6								0
7								0
8								0
9								0
10								0
11						1		1
12								0
TOTAL						t		1

Stat #	Total No	Ave. Size	Perc. Catch	Perc. 6"+	Perc. -6"	Perc. Wild	6"+/ Mile	-6"/ Mile	Total/ Mile
1	0								0
2	0								0
3	0								0
4	0								0
5	0								0
6	0								0
7	0								0
8	0								0
9	0								0
10	0								0
11	1	76.6	1	100	0	100	40.6	0	40.6
12	0								0
Aver. I Stat.									

Stat #	Stat Lenl!th	S. Efficiency	Elev.	Water Temo.	Condo of Fish	Date,
1	190'	Fair		48°F 4.9		9/11/85
2	160'	Good		53°F 11.5		9/11/85
3	180'	Good		53°F 11.5	-	9/11/85
4	100'	Good	groundwater?	46°F 8		9/11/85
5	125'	Good		50°F 9.8	—	9/11/85
6	90'			45°F 7	—	9/11/85
7	175'	Low		54°F 12	-	9/23/85
8	127'	Good	groundwater?	57°F 11		9/24/85
9	130'	Good		56°F 13	—	9/24/85
10	90'	Good		57.5°F 14	-	9/24/85
11	130'			41°F 4.7	Fair	9/25/85

Field Fc J.U3A

State Water Code

2 of 2 Forms

USFS Code

SPECIES POPULATION INVENTORY SUMMARY

Stre... W.F. Jarbidge Drainage County

Species Bull Trout (Dolley Varden) Investigators

Stat #	5.1	5.2-10.2	10.3-15.2	15.3-20.3	12G.4-25.4	25.5-30.5	30.6+	Total
			Cen::imeters					
13								0
14								0
15			1		1			2
16		2	6	1		1 uncaptured		10
17								0
TOTAL	1	2	7	1	(1 uncaptured	1		13

Stat #	Total No	Ave. Size	Perc. Catch	Perc. 6"+	Perc. -6"	Perc. Wild	6"+/ Mile	-6"/ Mile	Total/ Mile
13	0								0
14	0								0
15	2	13.3	20	0	100	100	0	152.8	52.8
16	8 (10)	10.5	67	10	90	100	22.5	202.2	
17	0								0
									53.02
Aver. 1 Stat.							10.5 *	42.5*	24.2 *

* Averaged for stations 11 thru 16

Stat #	Stat. Length	S. Efficiency	Elev.	Water Temp.	Condo of Fish	Date.
13	140'	Poor		47°F 8.2	—	9/26/85
14	120'	Fair		47°F 8.2	—	9/26/85
15	100'	Fair		43°F 6	Fair	10/2/85
16	235'	Fair		40°F 4.3	Fair	10/2/85
17	900'	—		40°F 4.3	—	10/2/85

Office FF 103B

West Fork JR

Spedes	Bull Trout (Dolly Varden)	
Length of stream with sport fish	5.5 miles	
Average number Bubcatchables/mile	~~61.6~~	42.5
Average number catchables/mile	~~12.6~~	10.5
Total number of subcatchables	339	234
Total number of catchables	69	58
Population total for species	~~308~~ 292 (816 with 50% capture rate in single pass method)	

"Spedes		
Length of stream with rough fish		
Average number/mile		
Total population for species		

NEVADA DEPARTMENT OF FISH AND GAME
STREAM HABITAT SURVEY FORM

Water Code: ____ of Forms

tream Ill, F. Jorbidge | Drainage System | Sample Location' T 'R Sec. | County Elko | Survey Station No. 11 | Date of Survey 9-25-85

and Status J ILand Agency Unit Name

arne Fish Species

2, DV, WF

Water Surface | Stream Bottom 2 3 4 5 6 | Stream Bank

Pools | Left Bank | RightBank

Transect Number 11	Water Width 12	Channel Width 13	Riffle Class 14	Average Depth 15	Width 16	Class 17	Feature 18	Location 19	Aquatic Vegetation 20	Organic Debris 21	Muck 22	Clay 23	Silt 24	Sand 25	0.1-1" Fine Gravel 26	Coarse 1-3" Gravel 27	Small 3-6" Rubble 28	Large 6-12" Rubble 29	Boulder 30	31	32	33	Size 34	Cover 35	Stability 36	Landform Gradient 37	Ungulate Damage 38	Riparian Zone Wd 39	Cover 40	Stabil 41	Landf Gradient 42	Ungulate Damage 43	Riparian Zone Wd 44
1	9.4	13.4	3 4 6	.14	.8	14	1	LC	-	1.4			.2		1).9	2.2	2.3	1.0	1.4		4	4	2	3 7	8	10	0	8	2 4 8	5	12	0	20
2	5.6	12.1	3 4 8	.13					.3C						.5	.4	1.8	.9	1/1		4	3	3	5 7	8	10	0	6	1 3 5 7	8	10	0	20
3	5.7	9.5	—	.39	5.7	2		X	.2C	3.4						.2	.5		1.4		6		4	1 3 5 7	7	14	0	6	1 3 5 7	7	13	0	20
4	3.4	13.2	5	.19					.1C						.7	.3	.2	.3	1.8		6	3	4	3 7	8	13	0	8	3 5 7	8	20	0	15
5	11.2	17.3	2 3 4	.13	.5	5	1	L	.5C	2.0					2.8	.5	1.8	.9	2.7		2	5	4	3 5 7	8	5	0	6	6 8	3	32	0	20
					.9	5	1	C																									
					.3	5	1	CR																									
					.5	5	1	RC																									
					.3	5	1	R																									
5	35.3	65.5		.98	19.0	15.1			1.1	5.8			.2		5.9	3.6	6.6	3.1	9.0					31	39	52	0		37	31	87	0	

Access Road, Temperature; Water 41° Air ____ Time MM Weather ____ Elevation ____

Turbidity Clear State Water Quality Class 'Discharge (ems) ____ Water Chemistry Analysis Type ____

Beaver Activity Status Sat, Unocc. Old evid. Geological Land Form V Valley Vegetative Type ____

Valley Bottom Width 30 m Geology ____ Gradient(%) 1, 2, 2 Velocity ____ m/sec Streamflow Type ____

% Stream Shaded 10 Ungulate Class none Ungulate Use none Fish Population Sampled Yes

Invertebrates ____ Photo Points: Upstream ____ Downstream ____ Cross Channel ____ General ____

Vegetative Species 15 6 ____

Fishery Quality ____ Reason ____

Pollution Problems Oil film on [illegible] ~~[illegible]~~ Track overturned

Longitude ____ Latitude ____

- abundant algae growth on rocks
- occasional separated flows due to low flow and boulder/rubble deposit/debris
- clinging aquatic is mosses
- stream within sta. changes from wide shallow profile to narrow deeper profile ~~and~~

Flow - w - 6.5'
D - 8.0"
vel. - 20'/10.2 sec.

STREAM HABITAT SURVEY FORM

of Forms

ream: N.F. Tabidge | Drainage System: TRDS | Sample Location: T R Sec. | County: ELKO | Survey Station | Date of Survey

nd Status | Land Agency Unit Name | Investigators: Fulton Williams Layton

ame Fish Species: R.B / D.V | Non Game Fish Species: Sculpin | Endangered-Threatened Species | U. S. Stream Code

Water Surface | Stream Bottom | Stream Bank

Pools | Imbed. | Left Bank | Right Bank

Transect Number	Water Width	Channel Width	Rifl. Cla	Average Depth	Width	Cla	Features	Location	Aquatic Vegetation	Organic Debris	Muck	Clay	Silt	Sand	0.1-1 Fine Gravel	Coarse 1-3" Gravel	Small 3-6" Rubbl.	Large 6-12" Rubbl.	Boulders	Bedrock	Dominance	Imbed.	Size	Cover	Stability	Landform Gradient	Ungulate Damage	Riparian Zone Wd	Cover	Stability	Landform Gradient	Ungulate Damage	Riparian Zone Wd
11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
1	3.4	4.1	3/4	n		3	8	R							13	1	4	4	11		1	5	4	357	10	28	0	15	357	10	63	0	20
						J	4	C																									
2	2.3	5.1		20	2.3	3	J	X					.1	.1	4	1	2	1	3		4	2	2	357	8	1	U	15	357	8	0	0	20
3	3.6	5	3/4/5	11	.6	5	1	/					.3		2	7	7	.6	1		4	4		357	8	8	0	20	357	8	8	0	20
4	2.5	8	3/4	.179											4	4		.6	T		6	5	1	357	8	22	0	20	357	8	30	0	20
5	3.2	6.3	3/4	.119	4	5	J	(L.						.1		1	9	4	16		6	5	1	357	8	30	0	15	358	9	27	0	15
5	15.0	27.7		.66	4.7	3.7								.5	.2	2.3	.9	3.7	2.1	5.3	.1	1	1	130	430	99	0		130	430	238	0	

Lrbidity Cloudy Sta.te | Water Quality Class | Discharge (cms) | Water Chemistry Analysis Type

eaver Activity Status Saturnocc | Geological Land Form | Vegetative Type

lHey Bottom Width 30 | Geology gr/cat | Gradient(%) 7/5/5 | Velocity m/sec | Streamflow Typ-e-----

Stream Shaded 25 | Ungulate Class | Ungulate Use | Fish Population Sampled Rainbow DV.

nvertebrates Fair | Photo Points: Upstream #18 | Downstream #14 | Cross Channel | General

ege tative Species

Lshery Quality good | Reason quality pools | cold water could have effected shocking

)Hution Problems Bridge but no cat out problems | 3.6

mgitude | Latitude | 22

NEVADA DEPARTMENT OF FISH AND GAME
STREAM HABITAT SURVEY FORM

Water Code ___ of Forms.

,tream	Drainage System	Sample Location	County	Survey Station	Date of Survey
WF Jarbidge R	JRDS	T R Sec.		No. 5-16	10-2-85

Land Status' \Land Agency Unit Name

Investigators: Williams, Layton Fulton

Game Fish Species: Rolly Varden, Rainbow

Non Game Fish Species

Endangered-Threatened Species

1 U.S.F.S. Stream Code

Water Surface					Pools				Stream Bottom												Stream Bank												
																					Imbed.			Left Bank					Right Bank				
Transect Number	Water Width	Channel Width	Riffle Class	Average Depth	Width	Class	Feature	Location	Aquatic Vegetation	Organic Debris	Muck	Clay	Silt	Sand	0.1-1" Fine Gravel	Coarse 1-3 Gravel	Small 3-5 Rubbl.	Large 6-12 Rubbl.	Boulder	Bedrock	Dominance	Imbed.	Size	Cover	Stability	Landform Gradient	Ungulate Damage	Riparian Zone Wd	Cover	Stability	Landform Gradient	Ungulate Damage	Riparian Zone Wd
11	112	113	114	115	116	117	118	119	120	121	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
5	2.2	11.8		.25	2.2	2	15	X		.1				.3	1.2	.1	.3		.2		2	5	4	157	7	14	0	50	368	5	58	0	to
4	2.5	4.2	2548	1.10					.1 R	.2				.3	6		.4	.5	.4		2	1	4	157	8	7	0	50	368	6	64	0	15
3	4.0	13.7	6	.07						.1									.4	3.5	6	11	1	157	8	19	0	40	157	9	7	0	20
2	1.4	6.4	58	.13	.6	3	1'	R					.1		.1	1	.5		.5	.1	8	11	8	157	8	24	0	30	157	9	16	0	15
1	2.4	6.5		.2	2.4	2	138	X		.1			.3		.3	.1	.3		1.3		6	1	3	157	8	10	0	30	157	8	65	0	10
5	12.5	43.1		.76	5.2	5.2				.5			.4	6	2.2	.3	.5	.5	2.8	3.6				44	39	74	0		36	37	210	0	

A.ccess Remote Temperature; Water 40 Air ____ Time 10M Weather Elevation _

Turbidity clear ,State Water Quality Class Discharge (cms) Water Chemistry Analysis Type

Beaver Activity Status SAT UNOCC ,OLD ev. Geological Land Form' Vegetative Type _

Valley Bottom Width 100 M Geology Gradient (%) 5,9.8 VelocitY TI1/sec, Streamflow Type _

% Stream Shaded 40 Ungulate Class - Ungulate Use closed r) Fish Population, Sampled yes

Invertebrates Photo Points: Upstream 'Downstream Cross Ch.annel General

'Jegetative Species

Fishery Quality Good Reason quality pools good cover, good fish #1

Pollution Problems

Longitude ___ 0 I Latitude 0

- RIPARIAN CONDITION GOOD, ASPEN REGENERATION GOOD, GOOD ~~AVERAGE~~ (high vigor)
- CLOSED GRAZING SYSTEM
- high FLOW CAUSE SOME BANK CUTTING AND SLUFFING
- Fir PROVIDES FOR excellent BANK STABILITY, GOOD ROOT MASS

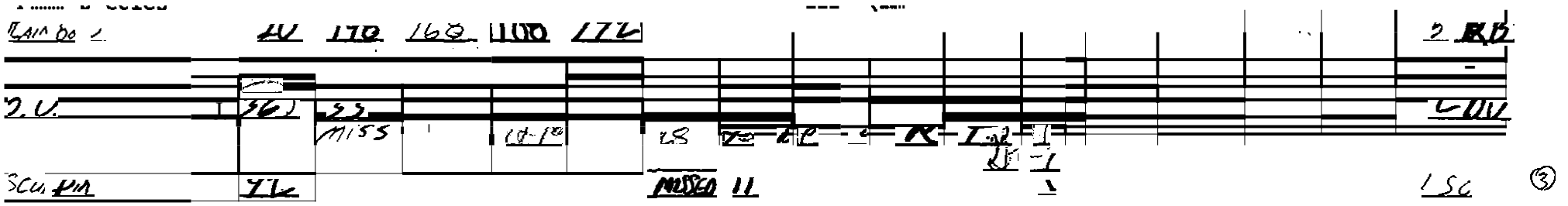
FLOW @ T2 => 9.4 sec / 10 FT

rainage: 1
ater Code:
ounty:

Sampled By: Fulton
Wtl. Fans
Layton

Sample No.: 5-13
Sample Length: 100'
Sample Method: dirigo

Sample Location: marked by an Bridge
that has been washed out
3/4 Above Snow Slide gulch
ofi



Rainbow	20	170	160	100	172												2 RB
D.V.	36	33															2 DV
		miss		10-10		28											
Sculpin	72					missed 11											1 SC

③

Fish Species	Conditions	% Wild	% Hatch	No. Collected
Rainb	[illegible]	100		✓
D.V.	Fair	100		✓
Sculpin	Good	100		✓

WATER

Chemistry		Measurements		Tubldity
O.O.	Alkal.	Width	Discharge	Clear
C02	Other	Depth	Temp. 43°	Cloudy X
pH		Velocity	Gradient	Murky
				Mudd

HABITAT

Bottom (% Abundance)

Organic
Silt
Sand
Gravels
Rubble
Boulder
Bedrock,
Other

Pools

Pool:Riffle ratio 40:60
% Quality type 25
% Bank Stability
Rt. 80 Lft. 80

Bank Cover

Type	Density/Vigor
Fur	High/High
Sage	
Boulder	
Aspen	Mod Low
Forb	Mod/Mod
Boxelder	Mod/Low

Riparian

Dense
Heavy 30
Moderate 50
Light 20
Open

Sedimentation

None
Light X
Moderate
Heavy
Severe

% Shading 15

Photographs - No. & Description

Number	Description
	Upstream
	Downstream
8-9	General picture of Rainbow
12-13	" " D.V.

INFLUENCES

Livestock

% Utilization ✓ % Damage -
Type damage

Reaver

Activity status Signs of old put non present

Diversion

Type and Location ✓

Pollution

Type Location Bridge part has fallen in stream but causing no apparent problems

Invertebrates		Watershed		
Type	Abundance	Vegetation Type		Comments/Conditions Stable
Rock cat	com	Pine	grass forb	Evidents of High runoff
may fl. (	com	Fur		Banks Holding up pretty good
		Sh...		
Stick cat	Pr	[redacted]		
planeric	Pr			
		, Tage		

:omments:. old road on Left Bank; apears to cause no bank eat outs
Banks stable de to a lot of root mass
Adaquete spawning gravel
Boulder make up most pools and provide most of Gover By some box Elder
Fair shock Efficiency do to cold water
Low Invert pop
one rainbow Had deformed gil

Drainage: JRDS
Water Code:
County: ELKO

Sampled By: Williams Layton
Fulton

Sample No.: 3-16
Sample Length: 235
Sample Method: Dirige

;;ampJ.e Location: 1 mile above

Fish species																
Dt)	117	112	131	126	153	136	7J	73	127							9 (10)
miss 1																
Kb	184	32	155	162												4 (5)
miss 1																

Fish species	Condition	% Wild	% High	No. Collected
U	FAIR	100		-
•				
RB	GOOD	100	-	-

WATER

Chemistry		Measurements		Tubidity
0.0.,	Alkal.	Width	Discharge	Clear ✓
CO_2	Other	Depth	Temp. 40°	Cloudy
pH		Velocity	Gradient.	Murky
				Mudd

HABITAT

Bottom (% Abundance)

Organic
Silt
Sand
Gravels
Rubble
Boulder
Bedrock
Other

Pools

Pool:Riffle ratio 45 : 55
% Quality type 35

% Bank Stability
Rt. 80 Lft. 80

Bank Cover

Type	Density/Vigor
Fir	High / High
Box elder	mod / mod
Willow	low / mod
Aspen	mod / high
grass - forb	mod / high

Riparian
Dense
Heavy 30
Moderate 50
Light 20
Open,

Seulmentatlon
None
Light ✓
Mode,rate ✓
!leavy
Severe

% Shading 40

Photographs - No. & Description

Number	Description
3,8,9	Upstream
	Downstream
3	General SIGN
1 LF barrier	5,6 DV pictures

INFLUENCES

Livestock

% Utilization — % Damage —

Type damage Close to grazing

Beaver

Activity status SAT UNDEC

Diversion

Type and Locatioll -

Pollutioll

Type and Locatloll -

Invertebrates		Watershed		
Type	Abundance	Vegetation Type		Comments/Conditions
Mayfly	common	Fir	grass-forb	STABLE
Rock-cadis	common	Pine	exposed rock	
Stonefly	Present	Mahogany		
Stick cadis	Present	snowberry		
Hydro-cad	Present	e brush		
		Aspen		

·omments:

good quality pools, good cover provided by firs and box elder,

all U, where somewhat snake like in appearance maybe natural for them,

- high amount of old beaver dams and debris jam, causing some blow out areas (channel migration)

abundant spawning gravels

Boulders and log jams forming major pools

~~poor~~ fair shocking effectiency (<old temp).

Low invert '1.. / cold temp

high flow some bank cutting / low flow stable

rainage: _
ater Code:
ounty: Elko

Sampled By: Layton, Williams, Fulton, Parker

Sample No.: 11
Sample Length: 130'
Sample Method: SR 24

Sample Location: 1.0 mile upstream from Sta. 10 (Jarbidge City Park)

Fish Species																	
Kb	207	225	55	55	53	49	72	88	73	104	131	169	224P	175	229P		
Wsps NNI	278	147	775	210	197	190										21	(26)
Wsps Fish	303	310	315													3	
Scu	51	61	59	79		68	80	100	79	48	60	78	63	72	56		
Wsps NNI	NNI (11)	43	45	64	83	79	100	[illegible]	NNI NNI	NNI NNI	NNI NNI	NNI NNI	NNI			70	(91)
D.V.	266															1	

Fish Species	Conditions		Wild %	Hatch %	No. Collected
Kb			88	12	11
Wsps fish		U	100		1
Scu			100		1
D.V.		Fair	100		1
					1

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WATER

Chemistry		Measurements		Tubidity
D.O. ____	Alkal.	Width ____	Discharge ____	Clear X
CO_2 _	Other	Depth	Temp. 41° MM	Cloudy ____
pH. _		Velocity ____	Gradient _	Murky _
				Mudd

HABITAT

Bottom (% Abundance)

Organic _
Silt _____
Sand
Gravels _____
Rubble
Boulder,
Bedrock ____
Other ____

Pools

Pool:Riffle ratio 40 : 60
% Quality type 15

% Bank Stability
Rt. 60 Lft. 80

Bank Cover

Type	Density/Vigor	Riparian	Sedimentation
Willow	mod/med.	Dense ____	None ____
Aspen	light-mod/low	Heavy 10	Light, ____
	low/low	Moderate 50	Moderate X
	mod/med	Light _	Heavy X
	light/low	Open, _	Severe ____
cent	light/low		
grass/forb/sedge	mod/med-high		
rose	light/low		

% Shading 10

Photographs - No. & Description

Number	Description
4,5	Upstream top of pop. sta. - J-3 upstream
	Downstream
3	General sign

INFLUENCES

Livestock

%Utilization 0 %Damage 0

Type damage No livestock use permitted in Jarbidge Canyon

Beaver

Activity status Sat Unocc.
old evidence

Diversion

Type and Location None

Pollution

Type and Location Oil film on water surface
truck overturned in river (1½ day old)

Invertebrates Type	Abundance	Watershed Vegetation Type		Comments/Conditions
mayfly	A			
stone fly	C			stable
hydro caddis	A			
stick "	A			
rock caddis	P			

Comments:

- 30 ft long x 20 ft high mass wasting/sloughing bank on right side (common mass wasting in this reach)
- fair spawning habitat
- most large game fish captured in large class 2 pool at top of site.
- evidence of high off flooding of cut banks at high water line and lower banks exposed gravel/rubble/boulder. Natural channelization appearance.
- fair willow regeneration
- limited aspen regen.
- fair instream cover provided by large boulders.
- occassional quality pools.
- debri jams absent during low to med flow - occasional in high water