										Literature information Su	immary	
					-						T	
		Dublished Storage	On-	Off-				Dublished Undrelegy Detential	Published Hydropower		Location	
te	Surface Storage Site	Published Storage Potential (AF)			Existing	Impounded Drainage(s)	Off-stream Water Source(s)	Published Hydrology Potential (average annual)	Potential	Published Impoundment Impacts	Location Unknown Literature Source <sup>b</sup>	
le	Surface Storage Site	Potential (AF)	sueam	stream	EXISTING	impounded Drainage(s)	On-scream water source(s)	(average annual)	6.2 MW	Published impoundment impacts	IWRRI 1981, IWRB	
1	Ashton Dam Enlargement	29,000 <sup>1</sup> ; 40,000 <sup>2</sup>	•			Henrys Fork Snake River				agricultural development, roads, habitation	1992	
		, , ,				,	Teton River, Falls River,		, ,	limited development and habitation,	IWRRI 1981, IWRB	
2	Bitch Creek	142,000 <sup>1,2</sup> ; 210,000 <sup>2</sup>		•		Bitch Creek	Conant Creek	75,000 AF (Bitch Creek)	5 MW	highway/roads, Union Pacific Railroad Bridge	1992	
										Targhee National Forest, diversion would be	IWRRI 1981, IWRB	
3	Boone Creek	83,000 <sup>1</sup> ; 80,000 <sup>2</sup>		•		Boone Creek	Falls River	30,000 AF (Boone Creek)	3 MW	located in Yellowstone National Park	1992	
		12 2					Bitch Creek, Squirrel Creek,	20,000-30,000 AF (Conant); 20,000-			IWRRI 1981, IWRB	
4	Conant Creek	40,000 <sup>1,2</sup> ; 20,100 <sup>3</sup>		•		Conant Creek	Falls River, Boone Creek	30,000 AF (Boone/Squirrel)		roads and habitation	1992, Reclamation	
_	2	50 000 <sup>2</sup>										
5	Driggs	50,000 <sup>2</sup>	•			Teton River					IWRB 1992	
c	Generic Reservoir in Flat Land	NA									• NA	Presented by Reclamation at January 11, 2011 Wo
6	Generic Reservoir in Flat Land	INA		•							• NA	Presented by Reclamation at January 11, 2011 WO
7	Grassy Lake	NA										Existing storage is 15,000 AF. Upstream Falls River
<i>'</i>		110			-							Existing storage is 15,000 At . Opsitean rais niver
8	Harrops Bridge/Tetonia	590,000 <sup>2</sup>	•			Teton River			4 MW		IWRB 1992	
-		,										
9	Horseshoe Creek	60,000 <sup>f</sup>		● <sup>d</sup>		Horseshoe Creek <sup>d</sup>	Teton River <sup>d</sup>				● <sup>d</sup> NA	Limited information available. Noted in Carey Act
								10,000 AF (Robinson Creek); 30,000			IWRRI 1981, IWRB	· · · · · · · · · · · · · · · · · · ·
10	Howell Ranch	32,000 <sup>1</sup> ; 30,000 <sup>2</sup>		•		Rock Creek, Porcupine Creek	Falls River, Robinson Creek	AF (Falls River)	~	uninhabited Howell Ranch and some roads	1992	
_												
11	Island Park Enlargement	6,000 <sup>d</sup>			•						NA	Existing storage is 15,000 AF. Presented as enlarge
		49,000 <sup>1</sup> ; 50,000 <sup>2</sup> ;		1			Falls River, Porcupine Creek,			inundation of habitation (J Y Ranch), roads,		
12	JY Ranch	80,000 <sup>2</sup>		•		Rock Creek, Shaefer Creek	Robinson Creek			Targhee National Forest	IWRRI 1981	
		1 2						75,000 AF (Bitch Creek); 32,000 AF		some roads, agricultural development, limited	IWRRI 1981, IWRB	
13	Lane Lake/Teton Lake	69,000 <sup>1</sup> ; 70,000 <sup>2</sup>		•		dry basin north of Teton River	Bitch Creek, Conant Creek	(Conant Creek)	√	habitation	1992	
		73.000 <sup>1</sup> : 70.000 <sup>2</sup>							1	Book of the second s	IWRRI 1981, IWRB	
14	Lower Badger Creek	73,000 ; 70,000		•		Badger Creek	Teton River, Bitch Creek		~	very little development	1992	
1.5	Marysville Headworks	38,000 - 56,000				Falls River					IWRB 1992	
12		38,000 - 30,000	•			Falls River		6,000 AF (Moody Creek); 9,000 AF			IWRRI 1992	
16	Moody Creek (Webster Dam)	46,000 <sup>1</sup> ; 50,000 <sup>2</sup>				Moody Creek	Teton River, Canyon Creek	(Canyon Creek)		Unknown	1992	Webster Dam identified by Workgroup member b
10	moody creek (webster banny	40,000 , 50,000		-		Moody creek	Teton River, early on ereek	(carryon creek)			1352	webster buill dentified by workgroup member b
17	Moose Creek	60,000		•		Moose Creek	Henrys Fork Snake River				IWRB 1992	Minimal water-storage benefits b/c diversion loca
										Cave Falls Road, canal diversions would be in		
18	Park Lake	37,000 <sup>1</sup> ; 40,000 <sup>2</sup>		•		Upper Rock Creek	Falls River, Belcher River			Yellowstone National Park	IWRRI 1981	
								20,000 AF (Robinson Creek); 5,000				
19	Robinson Creek	70,000		•		Robinson Creek, Bear Creek	Falls River, Fish Creek	AF (Fish Creek)	~	Targhee National Forest	IWRRI 1981	
						Spring Creek (tributary to	Bitch Creek, Canyon Creek,				IWRRI 1981, IWRB	
20	Spring Creek (Canyon Creek)	32,000 <sup>1</sup> ; 30,000 <sup>2</sup>		•		Canyon Creek)	Teton River	9,000 AF (Canyon Creek)	$\checkmark$	Unknown	1992	Potential Canyon Creek site iden. by Workgroup m
							Conant Creek, Boone Creek,				IWRRI 1981, IWRB	
21	Squirrel Creek	126,000 <sup>1</sup> ; 130,000 <sup>2</sup>		•		Squirrel Creek	Falls River	30,000 AF (Boone Creek)		Targhee National Forest	1992	
22	Squirrel Meadows (Wyoming)	10,000		•		tributary to Squirrel Creek	Boone Creek				IWRB 1992	
	Tatas (schuild as sourcita)	200.000 (++)				Tatan Divan		24 CTO AE (Baskaration 1004)			IWRB 1992,	
23	Teton (rebuild or new site)	200,000 (active)	•			Teton River		31,670 AF (Reclamation 1994)	8 MW		Reclamation 1994	
24	Teton Creek (Wyoming)	115,000 <sup>f</sup>		• <sup>d</sup>		Teton Creek <sup>d</sup>	Teton River <sup>d</sup>				• <sup>d</sup> NA	Potential site identified by Workgroup member, no
24	reconcreek (wyonning)	115,000		•		Teton creek		87,000 AF (Teton River, Reclamation			IWRRI 1981, IWRB	Potential site identified by workgroup member, it
25	Upper Badger Creek	49,000 <sup>1</sup> ; 50,000 <sup>2</sup>				Badger Creek	Teton River	1994)	2 MW	limited farmstead development	1992	
2.5		15,000 , 50,000				Henrys Fork Snake River, Warm		155 17	2		1992	
26	Warm River	75,000 (active)	•			River, Robinson Creek			22 MW		IWRB 1992	
	Managed Groundwater Recharge (and	notontial recovery) Cito										
27	Egin Lake Enlargement <sup>e</sup>	5,000 (fall) <sup>1</sup>		•	•	N/A						Egin Lakes is a dedicated, constructed recharge sit
21	Egin Lake Enalgement	5,000 (1011)		-	-	N/A						Egin Lakes is a dedicated, constructed recharge sit
28	FMID Recharge Program (Egin Bench) <sup>e</sup>	18,000-30,000 (spring) <sup>2</sup>		•								"Egin Bench" includes five different canal compani
29				•	•							Multiple canal companies within FMID participate
30	Teton Valley Recharge Program	Not Identified										Individual recharge sites are encouraged to partici
	Water Market Alternative											Potential credits for mitigation or to offset potenti
	Water Market Alternative								1	The second se	1 1	
31	Water Market Alternative Credit System	rogram										The State Water Supply Bank (IWRB's Bank and W
31	Water Market Alternative Credit System Utilize and/or Expand Existing Banking P											The State Water Supply Bank (IWRB's Bank and W
31 32	Water Market Alternative Credit System Utilize and/or Expand Existing Banking P Conservation, Water Management and		natives									The State Water Supply Bank (IWRB's Bank and W
31 32 33	Water Market Alternative Credit System Utilize and/or Expand Existing Banking P Conservation, Water Management and Teton Valley Water Conservation <sup>8</sup>		natives									The State Water Supply Bank (IWRB's Bank and W
31 32 33 34	Water Market Alternative Credit System Utilize and/or Expand Existing Banking P Conservation, Water Management and Teton Valley Water Conservation <sup>6</sup> North Fremont Water Conservation <sup>6</sup>		natives									The State Water Supply Bank (IWRB's Bank and W
31 32 33 34	Water Market Alternative Credit System Utilize and/or Expand Existing Banking P Conservation, Water Management and Teton Valley Water Conservation <sup>6</sup> North Fremont Water Conservation <sup>6</sup>		natives									The State Water Supply Bank (IWRB's Bank and W
31 32 33 34 35	Water Market Alternative           Credit System           Utilize and/or Expand Existing Banking P           Conservation, Water Management and           Teton Valley Water Conservation <sup>6</sup> North Fremont Water Conservation <sup>8</sup> Lower Bench Water Conservation <sup>6</sup>		natives									The State Water Supply Bank (IWRB's Bank and W
31 32 33 34 35 36 37	Water Market Alternative           Credit System           Utilize and/or Expand Existing Banking P           Conservation, Water Management and           Teton Valley Water Conservation <sup>6</sup> North Fremont Water Conservation <sup>6</sup> Lower Bench Water Conservation <sup>6</sup> Egin Bench Water Conservation <sup>6</sup> Increase Capacity of Cross-Cut Canal	Demand Reduction Alterr	natives									
31 32 33 34 35 36 37 38	Water Market Alternative           Credit System           Utilize and/or Expand Existing Banking P           Conservation, Water Management and           Teton Valley Water Conservation <sup>6</sup> North Fremont Water Conservation <sup>6</sup> Lower Bench Water Conservation <sup>6</sup> Egin Bench Water Conservation <sup>6</sup> Increase Capacity of Cross-Cut Canal           General Demand Reduction Alternatives	Demand Reduction Alterr	natives									
31 32 33 34 35 36 37 38 39	Water Market Alternative           Credit System           Utilize and/or Expand Existing Banking P           Conservation, Water Management and           Teton Valley Water Conservation <sup>§</sup> North Fremont Water Conservation <sup>§</sup> Lower Bench Water Conservation <sup>§</sup> Egin Bench Water Conservation <sup>§</sup> Increase Capacity of Cross-Cut Canal           General Demand Reduction Alternatives           Weather Modification	Demand Reduction Alterr	natives									Several programs are offered through the IWRB's <i>i</i>
31 32 33 34 35 36 37 38 39	Water Market Alternative           Credit System           Utilize and/or Expand Existing Banking P           Conservation, Water Management and           Teton Valley Water Conservation <sup>6</sup> North Fremont Water Conservation <sup>6</sup> Lower Bench Water Conservation <sup>6</sup> Egin Bench Water Conservation <sup>6</sup> Increase Capacity of Cross-Cut Canal           General Demand Reduction Alternatives	Demand Reduction Alterr	natives									The State Water Supply Bank (IWRB's Bank and Wa

<sup>b</sup>Literature Sources

<sup>1</sup>A Preliminary Appraisal of Offstream Reservoir Sites for Meeting Water Storage Requirements (IWRRI 1981)

<sup>2</sup>Comprehensive State Water Plan - Henrys Fork Basin (IWRB 1992)

<sup>3</sup>Snake River Basin Storage Appraisal Study (Reclamation 1994)

<sup>c</sup>Some sites were identified as having hydropower potential and are therefore noted with a checkmark, however, a specific quantity (MW) was not provided.

<sup>d</sup>No published information available, however, estimates/assumptions have been made based on best professional judgment and/or Workgroup member estimates.

<sup>e</sup>Historical recharge volume data has been provided by IDWR. New incremental storage volumes to be determined. <sup>1</sup>Historical recharge volumes for Egin Lakes recharge site: 4,860 AF (fall) in 2008; and 5,000 AF (fall) in 2009.

<sup>2</sup>Historical recharge volumes for Egin Bench area: 18,528 AF (spring) in 2009; and 30,532 AF (spring) in 2010.

Literature Information Summary

<sup>3</sup>Historical recharge volumes for all other areas of FMID (which includes part of the Sand Creek Wildlife Management Area: 13,227 AF (spring) in 2009; and 18,934 AF (spring) in 2010. <sup>f</sup>Storage potential volume estimates are not published information, however, volume estimates were made based on topography and an assumed location/elevation. <sup>g</sup>Evaluaton of each water conservation alternatives within a major irrigated region will include two scenarios. The first scenario will analyze complete conversion of all canals to pipeline. The second scenario will analyze complete conversion from flood irrigation to sprinkler irrigation.

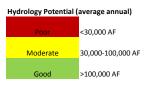
Notor
Notes
Vorkgroup meeting
er.
t literature but most recent info found is from 1911.
gement option by Reclamation at 01/11/11 Workgroup meeting.
Beneur obtion of vectoringtion of 01/11/11 Hongroup inceding.
but no specific location given.
cation is above Island Park.
memb. but no specific loc.
no specific location provided.
site and is part of FMID. Egin Lakes is part of the IWRB Managed Recharge Program.
anies who participate in recharge efforts under FMID's contract in the IWRB's Managed Recharge Program. te in the IWRB's Managed Recharge Program under a contract between FMID and the IWRB.
icipate in the IWRB's Managed Recharge Program.
ntial injury through a water right transfer is provided for through IDWR administered programs. Water District 1 Rental Pool) active programs administered by the State.
's AWEP and encouraged through the ESPA CAMP process.
peration through the ESPA CAMP process.

# Date: April 1, 2011 (DRAFT)

Table B. Attritbute and Information Summary of Water Supply Alternatives, Henrys Fork Basin Study (Water Supply)

Bite         Surface Storage Ste         Insign Description         Production Framework (PR)         Hotogover Production         Rating Description         Production         Additional Mi Description           2         Author Daw Langement         Moderate Moderate         2000         Production         Rating Description         Ratin Description         Ratin Description         <	
Image: stand	ites
i         Noteme	onsidered due to
branch         And         Protect JWCR         And         Protect JWCR         And         And         And           6         Geneic fuerroi in Fut Land         100	
9         1000000000000000000000000000000000000	
1         South and the second of the se	
Image integration         Image integration <thimage integrater<="" th="">         Image integrater</thimage>	
Image indegrifeman         Nome         Protect QW016         Conter Party Fork, Fork         Protect QW016	
9         Increase         Gene         Producted (NPC)         Recetted (NPC) <threcetted (npc)<="" th=""> <threcet< td=""><td></td></threcet<></threcetted>	
10         Noderal Account         Account         Protected (WRM)         Report         Count         Co	
In         Made Park Fulargement         Poor         Good         Coord         Coord <thcoord< th=""> <thcoord< th="">         Coord</thcoord<></thcoord<>	
11         Indrakt Angement         Park         Portest         Good         Fork         Portest         Por	
Image: Section Lake         Good         Bood         Bood </td <td></td>	
Image: biolog         Image: b	
14         Lower Badger Creak         Forder Badger Creak         Prodect of UNRB B         Prode	
15         Mayolik Headworks         Mayoles         Modere         Modere <th< td=""><td>onsidered due to</td></th<>	onsidered due to
11       Mosec Creek       Poor       Possible       None       Reace       Rome       Reace       Rome       Reace       Rome       Reace       Rome       Rome       Reace       Rome       Rome       Reace       Rome	
Park Lake         Moderate         30,000         Protected (IWRB)         Note         Image: Construction of Construction construction of TBD	
Bobinson Creek         Robinson Creek         Poor         Z,000         Protected (PVER) & Hore         Hor	
19       Roinson Creek       Poor       Poor       Protected (NPCC)       Nome       Control       Contro       Control       Control	
21     Squirel Creek     Moderate     92,000     Protected (NPCC)     Nome     Concertain (NPC)     Nome	
2     Squirel Meadows (Wyoming)     Moderate     30,000     Possible     Moderate     Status     Lower Henrys Fork', Henrys       23     Teton (rebuild or new site)     Good     100,000+     Protected     Protected (NPCC)     Good     Lower Henrys Fork', Henrys       24     Teton Creek (Wyoming)     Good     good as off-stream, good as off-stream, good as off-stream     Protected (NPCC)     None     Lower Henrys Fork', Henrys       25     Upper Badger Creek     Good     100,000+     Protected (NPCC)     Moderate     Fork-1 concer Henrys Fork', Henrys       26     Warm River     Good     good     Protected (NPCC)     Moderate     Coover Henrys Fork', Henrys       27     Egin Lake Enlargement     Good     good     Protected (NPCC)     Moderate     Lower Henrys Fork', Henrys       29     FMID Recharge Program (Egin Bench)     Moderate     Good     Good     None     Ione       29     FMID Recharge Program (Egin Bench)     Moderate     Good     Good     None     Ione     Ione       29     FMID Recharge Program (Egin Bench)     Moderate     Good     Good     None     Ione     Ione       29     FMID Recharge Program (Egin Bench)     Moderate     Good     None     Ione     Ione       20     Teton Valley Recharge	
International and the state of the stat	
23       Teton (rebuild or new site)       Good       100,000+       Protected (NPCC)       Good       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Compore as onstream, good as off-stream       Protected (NPCC)       None       Lower Henrys Fork <sup>2</sup> , Henrys       Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>2</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>1</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>1</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>1</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>1</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>1</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>1</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>1</sup> Protected (NPCC)       Moderate       Fork <sup>1</sup> , Lower Teton River <sup>1</sup> Fork <sup>1</sup> , Lower Teton River <sup>1</sup> F	
24       Teton Creek (Wyoming)       Good       good as off-stream       Protected (NPC)       None       Lower Henrys Fork', Henrys       Protential or flood control of off-stream water source.         25       Upper Badger Creek       Good       100,000+       Protected (NRC)       Moderal       Fork', Lower Teton River <sup>2</sup> Protected (NRC)       Fork', Lower Teton River <sup>2</sup> Protected (NRC)       Good       Fork', Lower Teton River <sup>2</sup> Protected (NRC)       Fork'       Fork'       Fork'       Fork'	
25     Upper Badger Creek     Good     Good     OO,000+     Protected     Protected     Moderate     Fork <sup>1</sup> , Lower Henrys Fork <sup>1</sup> , Henrys     Potential for flood control of off-stream water source.       26     Warm River     Good     good     Protected (IWRB) & Protected (IWRC)     Good     Fork <sup>1</sup> .     Fork <sup>1</sup> .     Good     off-stream water source.     off-stream water source.     off-stream water source.     off-stream water source.       26     Warm River     Good     Protected (INCC)     Good     Good     Fork <sup>1</sup> Fork <sup>1</sup> Good     off-stream water source.       27     Egin Lake Enlargement     Poor     Good     Good     Sood     None     Income     Income       28     FMID Recharge Program (Egin Bench)     Moderate     Good     Good     None     Income     Income       29     FMID Recharge Program (all other FMID)     Poor     Good     Good     None     Income     Income       30     Teton Valley Recharge Program     Moderate     Good     Good     None     Income     Income       31     Credit System     TBD     Good     Good     None     Income     Income     Income       33     Teton Valley Water Conservation     TBD     Good     Good     None     Income	
Interview       Good       good       Protected       Protected (WRB) & Protected (NPCC)       Lower Henrys Fork <sup>1</sup> , Henrys         26       Warm River       Good       good       Protected (NPCC)       Good       Fork <sup>1</sup> 27       Egin Lake Enlargement       Poor       Good       None	onsidered due to
26       Warn River       Good       good       Protected (NPCC)       Good       Fork <sup>1</sup> Maaged Groundwater Recharge (and potential recovery) Site       Imaged Groundwater Recovery) Site       Imaged Groundwater Recovery (and potential recovery) Site       Imaged Ground Recovery (and potentia	
27       Egin Lake Enlargement       Poor       Good       None       Image: Conservation         28       FMID Recharge Program (Egin Bench)       Moderate       Good       None       Image: Conservation       None         29       FMID Recharge Program (all other FMID)       Poor       Good       None       Image: Conservation       Image: Conservation       None       Image: Conservation       Image: Conservatio	
28       FMID Recharge Program (Egin Bench)       Moderate       Good       None         29       FMID Recharge Program (all other FMID)       Poor       Good       None       Image: Construction of the PMID       I	
29       FMID Recharge Program (all other FMID)       Peor       Good       None       International (Constructional (Constructiona (Constructional (Constructional (Constructiona	
30       Teton Valley Recharge Program       Moderate       Good       None       Image: Conservation       Conservation       TBD       Good       None       Image: Conservation       Image: Conservation <td></td>	
31     Credit System     TBD     Good     None       32     Utilize and/or Expand Existing Banking Program     TBD     Good     None       33     Utilize and/or Expand Existing Banking Program     TBD     Good     None       33     Teton Valley Water Conservation     TBD     Good     None       34     North Fremont Water Conservation     TBD     Good     None       35     Lower Bench Water Conservation     TBD     Good     None       36     Egin Bench Water Conservation     TBD     Good     None	
32     Utilize and/or Expand Existing Banking Program     TBD     Good     None       Conservation, Water Management and Demand Reduction Alternative     I     I     I       33     Teton Valley Water Conservation     TBD     Good     None       34     North Fremont Water Conservation     TBD     Good     None       35     Lower Bench Water Conservation     TBD     Good     None       36     Egin Bench Water Conservation     TBD     Good     None	
Conservation, Water Management and Demand Reduction Alternative         Good         None           33         Teton Valley Water Conservation         TBD         Good         None         Image: Conservation of the conservation of the conservation of the conservation         TBD         Good         None         Image: Conservation of the conservaticon of the conservation of the conservation of the conservation of	
33     Teton Valley Water Conservation     TBD     Good     None       34     North Fremont Water Conservation     TBD     Good     None       35     Lower Bench Water Conservation     TBD     Good     None       36     Egin Bench Water Conservation     TBD     Good     None	
34     North Fremont Water Conservation     TBD     Good     None       35     Lower Bench Water Conservation     TBD     Good     None       36     Egin Bench Water Conservation     TBD     Good     None	
35     Lower Bench Water Conservation     TBD     Good     None       36     Egin Bench Water Conservation     TBD     Good     None	
36     Egin Bench Water Conservation     TBD     Good     None	
38         General Demand Reduction Alternatives         TBD         Good         None	
39         Weather Modification         TBD         Good         None           40         Consolidation (e.g., Lemhi)         TBD         Good         None	

### Qualitative Color Codes to "Rank" Each Attribute



## Hydropower Productions Potential

Protected/None	NPCC or IWRB protected from hydropower developme
Possible	No protections, no published hydropower potential.
Good	No protections and/or published hydropower potentia

## Flood Control

None	Potential to provide significant flood control unlikely
Moderate	Potential to provide flood control due to pumping from
Good	Potential to provide flood control

<sup>a</sup>Specific site location data is not available, however, assumptions have been made based on best professional judgment.

<sup>b</sup>Hydrology potential is based on best available published information and reflects new incremental storage opportunities. Where no information is available a qualitative assessment (good, moderate, poor) of hydrologic potential has been made based on best professional judgment. Hydrologic potential does not include a review of water rights or water availability after other commitments; the hydrology potential may be refined during more detailed hydrologic and basin yield analysis as part of the reconnaissance evaluation.

<sup>c</sup>Northwest Power and Conservation Council (NPPC) protects segment from further hydropower development due to unacceptable risks of irreversible loss to fish and wildlife. Construction of dams or impoundments prohibited pursuant to Idaho Code 42-1734A(5) (IWRB 1992). <sup>d</sup>Per the Operations Description for Bureau of Reclamation Project in the Snake River Basin above Brownlee Reservoir (February 2004)

<sup>1</sup>Lower Henrys Fork - Primary flood control operations is to limit outflow when damaging flows are occurring downstream in the St. Anthony and Rexburg areas. Releases are reduced, if possible, when flows at the Rexburg gauge approach 12,000 cfs.

<sup>e</sup>Identified river segments with flooding per the Resource Evaluation (IWRB 1992) <sup>1</sup>Henrys Fork - Ashton Dam to mouth <sup>2</sup>Lower Teton River - North Branch Teton River and South Branch Teton River to Henrys Fork confluence

ment <u>or</u> none

ial.

from off-stream water source

Normal         Normal<		Natural Wildlife Habitat <sup>d</sup> Federally Listed Species						Wetland/Habitat		State Sr	pecies of Special Conco	Concern (aquatic) Special De				tion	
No         No.         No.        No.         No.         No.														1			
			-	-		At-Risk (USFS & BLM sensitive species, and Idaho Species of Greatest Conservation	Threatened, Endangered, Candidate and		NWI		cutthroat trout a	and Management					
	Site # Surface Storage Site	Rating	Range	Corridors	Rating	Need) <sup>e</sup>		Rating	Wetlands	Rating	(YCT) presence	Tier <sup>b</sup>	Rating	Stream	River	River Wilderness <sup>g</sup>	Qualitative Color Codes to "Rank" Each Attribute
2     3     3     5 <td>1 Ashton Dam Enlargement</td> <td>Migration</td> <td></td> <td>•1</td> <td>Sensitive</td> <td>hald eagle sandhill crane trumneter swan</td> <td></td> <td>None</td> <td></td> <td>None</td> <td></td> <td></td> <td>None</td> <td></td> <td></td> <td></td> <td>Wildlife Habitat</td>	1 Ashton Dam Enlargement	Migration		•1	Sensitive	hald eagle sandhill crane trumneter swan		None		None			None				Wildlife Habitat
A model		Winter		-	Schlarte	but cugic, surtainin crunc, crumpeter swart	345C 51043C	None		None							
No.	2 Bitch Creek	Range	• <sup>1,2</sup>	• <sup>2</sup>	Sensitive	trumpeter swan, bald eagle		Moderate	•	Core	• 0	Core Conservation	Federal	•	•	•	Winter Range Winter Range Habitat
1     1 </td <td>2 Basers Gradi</td> <td>News</td> <td></td> <td></td> <td>The desired</td> <td></td> <td></td> <td>Francisco</td> <td></td> <td>Concernation</td> <td></td> <td>Concention</td> <td>Federal</td> <td></td> <td></td> <td></td> <td>Minutian Minutian Consider</td>	2 Basers Gradi	News			The desired			Francisco		Concernation		Concention	Federal				Minutian Minutian Consider
Image: Section of the section of	3 Boone Creek	None			Federal	common loon, trumpeter swan	wolf, Canada lynx, wolverine	Extensive	•	Conservation	•	Conservation	Federal		•	•	Migration Migration Corridor
1     A     A     A     A     A     A     B </td <td>4 Conant Creek</td> <td>Migration</td> <td></td> <td>•<sup>2</sup></td> <td>Sensitive</td> <td></td> <td>grizzly bear, gray wolf, Canada Lynx, wolverine</td> <td>Moderate</td> <td>•</td> <td>Conservation</td> <td>•</td> <td>Conservation</td> <td>None</td> <td></td> <td></td> <td></td> <td>None None</td>	4 Conant Creek	Migration		• <sup>2</sup>	Sensitive		grizzly bear, gray wolf, Canada Lynx, wolverine	Moderate	•	Conservation	•	Conservation	None				None None
					<b>a</b>					<b>.</b>		<b>.</b>	<b>C</b> 1.1				
	5 Driggs	None			Sensitive	burowing owi		Extensive	•	Conservation	•	Conservation	State			•	
	6 Generic Reservoir in Flat Land	TBD			TBD			TBD		TBD			None <sup>a</sup>				
Image: state       Image: state <th< td=""><td>7 Grassy Lake</td><td>Winter</td><td></td><td></td><td>None</td><td>hald eagle long-billed curlew peregrine falcon, sandbill crane, trumpeter swan, western</td><td></td><td>None</td><td></td><td>None</td><td></td><td></td><td>None</td><td></td><td></td><td></td><td></td></th<>	7 Grassy Lake	Winter			None	hald eagle long-billed curlew peregrine falcon, sandbill crane, trumpeter swan, western		None		None			None				
Normal         Normal<	8 Harrops Bridge/Tetonia	Range	• <sup>2</sup>		Sensitive			Extensive	•	Conservation	• <sup>a</sup>	Conservation	State			•	
Normal         Normal<		Winter	3								-						
a       b	9 Horseshoe Creek	Range	• 3		None		grizzly hear (primany conservation area) gray	None		Conservation			None				None None
	10 Howell Ranch	Migration		• <sup>1,2</sup>	Federal	trumpeter swan		None		Core			State			•	
						american avocet, american white pelican, bald eagle, black-crowned night-heron,											
	11 Island Dark Enlargement	News			Constitu					News			News				Matland and Hakitat Values
i       j	11 Island Park Enlargement	None			Sensitive	trumpeter swan, western grebe, white-raced ibis, wyoming ground squirrei	wolverine	None		None	0	ore Concentation/	None				Wetland and Habitat Values
<table-container>         I</table-container>	12 JY Ranch	Migration		• <sup>1,2</sup>	Sensitive	california gull, trumpeter swan	wolverine <sup>e</sup>	None		Core	•		State			•	Extensive Extensive wetland impacts (> 200 Acres)
a many and a sector       a many and a sector<		Winter		2			_					_					
i       Normation       Norma       Norma <td< td=""><td>13 Lane Lake/Teton Lake</td><td>Range</td><td>•1</td><td>•2</td><td>Sensitive</td><td>trumpeter swan</td><td>grizzly bear, gray wolf, wolverine<sup>e</sup></td><td>Minimal</td><td>·</td><td>Core</td><td>C</td><td>Core Conservation</td><td></td><td></td><td></td><td></td><td>Moderate Moderate wetland impacts (&gt;1 - 200 Acres)</td></td<>	13 Lane Lake/Teton Lake	Range	•1	•2	Sensitive	trumpeter swan	grizzly bear, gray wolf, wolverine <sup>e</sup>	Minimal	·	Core	C	Core Conservation					Moderate Moderate wetland impacts (>1 - 200 Acres)
Image: Properties       Proper	14 Lower Badger Creek	Range	• <sup>1,2</sup>	• <sup>2</sup>	Sensitive	bald eagle, trumpeter swan	grizzly bear, gray wolf, Canada lynx, wolyerine	None		Core	• 0	Core Conservation		•		•	None/Minimal <1 Acre
2     Mondamine     No.     No							<u></u> ,,,,										
main	15 Marysville Headworks	Migration		• <sup>2</sup>	None			None		Conservation	•	Conservation	Federal	•		•	
main	16 Moody Creek (Webster Dam)	None			None			Moderate		Conservation		Conservation	None				State Species of Special Concern
Image: Properties       Properties       Properity of the p		None			None			Woderate	-	Conservation		conservation	None				State Species of Special Concern
	17 Moose Creek	None			None			None		None			eligible Federal	•			Core Conservation Core Conservation Population (YCT)
Normal				. 1,2	E a da mal	and the second free the second second		Madauta		Concention		Commention	Charles				
		wigration		•	reueral	northern leopard frog, trumpeter swan		woderate		Conservation						•	Conservation Conservation Population (FCT)
<ul> <li>a sparse free state in the stat</li></ul>	19 Robinson Creek	Migration		• <sup>1,2</sup>	Federal	boreal owl, merlin, trumpeter swan		None		Core	•			•	•		Sport/None None or Sport Population (YCT)
<ul> <li>a sparse free state in the stat</li></ul>		Winter	1.2		<b>c</b>		16 J -			<b>.</b>							
No       No <th< td=""><td>20 Spring Creek (Canyon Creek)</td><td>kange</td><td>• '</td><td></td><td>Sensitive</td><td></td><td></td><td>None</td><td></td><td>Core</td><td>L L</td><td>ore conservation</td><td>None</td><td></td><td></td><td></td><td></td></th<>	20 Spring Creek (Canyon Creek)	kange	• '		Sensitive			None		Core	L L	ore conservation	None				
2       3       100 </td <td>21 Squirrel Creek</td> <td>None</td> <td></td> <td></td> <td>Federal</td> <td>common loon, northern pintail, sandhill crane, trumpeter swan</td> <td></td> <td>Moderate</td> <td>•</td> <td>Conservation</td> <td>•</td> <td>Conservation</td> <td>None</td> <td></td> <td></td> <td></td> <td>Special Designation</td>	21 Squirrel Creek	None			Federal	common loon, northern pintail, sandhill crane, trumpeter swan		Moderate	•	Conservation	•	Conservation	None				Special Designation
Image: Second																	Federal Wild and Scenic River or Wilderness
	22 Squirrel Meadows (Wyoming)	None Winter			Federal		wolf, Canada lynx, wolverine	Moderate	•	Conservation		Conservation					
Norm         Norm <th< td=""><td>23 Teton (rebuild or new site)</td><td>Range</td><td>•<sup>1,2</sup></td><td>•<sup>2</sup></td><td>Sensitive</td><td>bald eagle, trumpeter swan, wyoming ground squirrel</td><td>gray wolf, wolverine</td><td>Extensive</td><td>•</td><td>Conservation</td><td>•</td><td>Conservation</td><td></td><td>•</td><td></td><td></td><td></td></th<>	23 Teton (rebuild or new site)	Range	• <sup>1,2</sup>	• <sup>2</sup>	Sensitive	bald eagle, trumpeter swan, wyoming ground squirrel	gray wolf, wolverine	Extensive	•	Conservation	•	Conservation		•			
Norm         Norm <th< td=""><td></td><td>Winter</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		Winter	3								_						
Image of the set of t	24 Teton Creek (Wyoming)	Range Winter	•*		Sensitive	harlequin duck		None		Conservation	•	Conservation	None				None None
Image         Image <t< td=""><td>25 Upper Badger Creek</td><td>Range</td><td>•<sup>1,2</sup></td><td>•<sup>2</sup></td><td>Sensitive</td><td></td><td>grizzly bear, gray wolf, Canada lynx, wolverine</td><td>Moderate</td><td>•</td><td>Core</td><td>• 0</td><td>Core Conservation</td><td>None</td><td></td><td></td><td></td><td></td></t<>	25 Upper Badger Creek	Range	• <sup>1,2</sup>	• <sup>2</sup>	Sensitive		grizzly bear, gray wolf, Canada lynx, wolverine	Moderate	•	Core	• 0	Core Conservation	None				
Mange Groundwater Recenting Lever Streew Steem       Note				2			· ·				C	ore Conservation/					
27         50k ke/lagened         ke/l				•	Sensitive	swan, upland sandpiper, western grebe		None		Core	•	Conservation	Federal	•	•	•	
No       No <td< td=""><td></td><td></td><td>covery) Site</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>			covery) Site														
9       Note       Note <t< td=""><td>27 Egin Lake Enlargement</td><td>None</td><td></td><td></td><td>None</td><td></td><td></td><td>None</td><td></td><td>None</td><td></td><td></td><td>None</td><td></td><td></td><td></td><td></td></t<>	27 Egin Lake Enlargement	None			None			None		None			None				
10       Note       <	28 FMID Recharge Program (Egin Bench)	None			None			None		None			None				
werfware       no	29 FMID Recharge Program (other)																
And       A		None			None			None		None			None				
2       Utilize/Expand Exb and program       None       Independent and program       Independent	Water Market Alternative								<u> </u>								
2       Utilize/Expand Exb and program       None       Independent and program       Independent	31 Credit System	None			None			None		None			None				
Best best best best best best best best b	32 Utilize/Expand Exst Banking Program																
3Tetn Valley Water ConservationNone<			eduction Alter	natives													
34Norh Fremor Water ConservationNone	33 Teton Valley Water Conservation				None			None		None			None				
And an an analysisNoneN	34 North Fremont Water Conservation							None		None			None				
Increase Gapacity of Cross-Cut Cala       None	35 Lower Bench Water Conservation				None								None				
38       General Demand Reduction Also       None	36 Egin Bench Water Conservation																
39       Weather Modification       None       N																	
40 Consolidation (e.g., Lemhi) None None None None	39 Weather Modification																
pecific site location data is not available, however, assumptions have been made based on best professional judgment.	40 Consolidation (e.g., Lemhi)																
	<sup>a</sup> Specific site location data is not available, how	wever, assum	ptions have b	een made base	ed on best pr	ofessional judgment.				<sup>d</sup> Sources of Wi	ildlife Habitat data			·		i	

<sup>b</sup>Three tiers for prioritizing conservation and management options per Montana Fish Wildlife & Parks database (2009) supplemented with anticipated data revisons per personal communications with IDFG.

1) core conservation populations composed of > 99 percent cutthroat trout genes;

2) conservation populations that generally "have less than 10 percent introgression, but in which introgression may extend to a greater amount depending upon circumstances and the values and attributes to be preserved"; and

3) cutthroat trout sport fish populations that, "at a minimum, meet the species (e.g., YCT) phenotypic expression defined by morphological and meristic charaters of cutthroat trout."

4) core conservation/conservation designation is likely conservation - unless there is an isolated, pure population of YCT - then it would be core conservation; dual designation has been retained until better information is available <sup>c</sup>Physical location of site is not located on crucial YCT habitat, rather modifications to the hydrology of the water supply source (Bitch Creek) would impact a core conservation population of YCT habitat.

<sup>1</sup>Per feedback from Trout Unlimited, Friends of the Teton River, and American Rivers.

<sup>2</sup>Per personnal communications with IDFG on the Sand Creek and Teton Canyon winter ranges.

<sup>3</sup>Per the USFS 1997 Revised Forest Plan - Targhee National Forest.

<sup>e</sup>Per IDFG special species February 2011 GIS dataset (1-mile buffer area).

<sup>1</sup>Threatened and Endangered and Candidate species list obtained from USFWS; however, location specific information based on data compiled by Trout Unlimited, Friends of the Teton River, and American Rivers (unless otherwise specified, some identified in the IDFG February 2011 dataset).

<sup>g</sup>Per the 1997 Revised Forest Plan - Targhee National Forest. <sup>h</sup>Prime Conservation Area contains the minimum seasonal habitat components needed to support the recovered grizzly bear population (per the Final Conservation Strategy for the Grizzly Bear in the Greater Yellowstone Area, 2007).

Winter Range	Winter Range Habitat
Migration	Migration Corridor
None	None

					Socioeconomic Environment (SE)													
		Land N	lanagement	Data⁰			1	T	Recreation/E	conomic Value	Scenic/	Cultural/			Infrasti	ructure		Additional
					Conservation				Yellowstone	Guiding/	Natural	Historic	Land					Infrastructure
Site # Surface Storage Site	Rating	Private	Federal	State	Easements <sup>c</sup>	Rating	Boating	Fishing	National Park		Features <sup>d</sup>	Resources <sup>d</sup>	Recreation <sup>d</sup>	Rating	Roads	Structures	Habitation	Notes
1 Ashton Dam Enlargement	Federal/ Conservation		•			Low	• <sup>c</sup>	• <sup>c,d</sup>						High	• <sup>f</sup>		● <sup>f</sup>	
2 Bitch Creek	Federal/ Conservation			•	•	High	€,d	● <sup>c,d</sup>			canyon	archeologic site		High	• <sup>f</sup>	• <sup>f</sup>	• <sup>f</sup>	SH32, UPRR Bridge
	Federal/	•		-	•	riigii					canyon	site		rigi	•	-	•	briuge
3 Boone Creek	Conservation		•		•	High	• <sup>c</sup>	• <sup>c</sup>	• <sup>c</sup>					Few				
4 Conant Creek	Private	•				High	• <sup>c</sup>	• <sup>c</sup>						Moderate	• <sup>f</sup>		• <sup>f</sup>	
5 Driggs	State	•		•		High				• <sup>d</sup>		archeologic site		High	•		•	
6 Generic Reservoir in Flat Land	TBD					TBD								TBD				
7 Grassy Lake	TBD					TBD								Few	•			
8 Harrops Bridge/Tetonia	Federal	•	•	•		High				• <sup>d</sup>		archeologic site		High	•		•	SH33
9 Horseshoe Creek	Federal	• <sup>a</sup>	• <sup>a</sup>			Moderate						archeologic site		Few	•			
10 Howell Ranch	Federal		•			Moderate		•c,d				archeologic, historic sites	camping	Few	• <sup>f</sup>			
	reueral		•			Woderate		-				filstoric sites	camping	rew	•			
11 Island Park Enlargement	Federal	•	•	•		Low		• <sup>c</sup>						High	•			
12 JY Ranch	Federal	•	•			Moderate						archeologic site		Few	• <sup>f</sup>		• <sup>f</sup>	
13 Lane Lake/Teton Lake	Private	•				Low								Few	• <sup>f</sup>		• <sup>f</sup>	
14 Lower Badger Creek	Federal		•			High	● <sup>c,d</sup>	• <sup>c,d</sup>					camping, trails	Few				
15 Marysville Headworks	Federal					High	● d	• <sup>d</sup>					trails, hunting	Moderate	•			
16 Moody Creek (Webster Dam)	Private					Low							trans, nanting	Few	•			
												archeologic						
17 Moose Creek	Federal		•			Moderate						site		Few				
18 Park Lake	Federal		•			Moderate		● <sup>c</sup>			hot springs,			Few				
19 Robinson Creek	Federal		•			High		• <sup>c,d</sup>			canyon		camping, trails	Few				
20 Spring Creek (Canyon Creek)	State	•		•		Low								Few				
21 Squirrel Creek	Federal		•			Moderate		• <sup>c</sup>						Few				
22 Squirrel Meadows (Wyoming)	Federal		•			Low								Few				
23 Teton (rebuild or new site)	Federal		•			High	● <sup>c,d</sup>	● <sup>d</sup>		• <sup>d</sup>			camping	Few				
24 Teton Creek (Wyoming)	Private	• <sup>a</sup>				Low								Few				
	Federal/						•c,d	•c,d										
25 Upper Badger Creek	Conservation	•			•	High					hot springs,		camping, trails campgrounds,	Few				
26 Warm River	Federal	•	•			High	● <sup>d</sup>	• <sup>d</sup>		• <sup>d</sup>	canyon	historic sites	trails	High	•			SH47
Managed Groundwater Recharge (and potential recovery) Site           27         Egin Lake Enlargement	Private					Low								Few				
28         FMID Recharge Program (Egin Bench)           29         FMID Recharge Program (all other FMID)	Private Private					Low Low								Few Few				
30 Teton Valley Recharge Program	Federal					Low								Few				
Water Market Alternative		<u> </u>																<u> </u>
31 Credit System	NA					Low								Low				
32 Utilize and/or Expand Existing Banking Program	NA					Low								Low				
Conservation, Water Management and Demand Reduction Alternatives 33 Teton Valley Water Conservation	Private				+	Low								Low				
34 North Fremont Water Conservation	Private					Low								Low				
35 Lower Bench Water Conservation	Private					Low								Low				
36 Egin Bench Water Conservation	Private					Low								Low				
37         Increase Capacity of Cross-Cut Canal           38         General Demand Reduction Alternatives	Private Private					Low Low								Low Low				+
39 Weather Modification	NA					Low								Low				
40 Consolidation (e.g., Lemhi) <sup>a</sup> Specific site location data is not available, however, assumptions have been mac	Private					Low								Low				

 40
 Consolidation (e.g., Lemhi)
 Private

 <sup>a</sup>Specific site location data is not available, however, assumptions have been made based on best professional judgment.

<sup>b</sup>Land management data per the BLM Idaho Surface Management Agency (2010). For federal government lands, the data displays the managing agency which may or may not be the same as the agency that "owns" the land.

<sup>c</sup>Per feedback from Trout Unlimited, Friends of the Teton River, and American Rivers.

<sup>d</sup>Per the Resource Evaluation (IWRB 1992)

<sup>e</sup>Based on published imformation (see Table A).

Date: April 1, 2011 (DRAFT) Table D. Attritbute and Information Summary of Water Supply Alternatives, Henrys Fork Basin Study (Socioeconomic Environment)

# Qualitative Color Codes to "Rank" Each Attribute

|--|

Federal/ Conservation	Federal, Conservation Easement
State	State
Private	Private

### **Recreation/Economic Value**

	Significant Impacts to Recreation/
High	Economic Values
	Moderate Impacts to Recreation/
Moderate	Economic Values
	Minimal Impacts to Recreation/
Low	Economic Values

## Infrastructure

	Impacts to major
High	infrastructure/development
	Moderate impacts to human
Moderate	environment
	Few impacts to human
Few	environment

Date: April 1, 2011 (DRAFT)
Table E. Attritbute and Information Summary of Water Supply Alternatives, Henrys Fork Basin Study (Water Supply, Natural Environment, Socioeconomic Environment Parameters Summary)

30       Teton Valley Recharge Program       Not Identified       Moderate       Good       None       None       None       Federal       Low					Screening Criteria Summary																			
Image: Barbone interpart into a set of the set of		1															1			1		Nu	umeric	Ranking Based on Screening Crite
1       1			Storage		Hydropower	Flood	Wildlife	-	Wetland and		Special	Land			Wat	ter Supply				Socioed	onomic			
I Index Second </th <th>Site #</th> <th>Surface Storage Site Pot</th> <th>tential (AF)</th> <th>annual AF)</th> <th>Protections</th> <th>Control</th> <th>Habitat</th> <th>Species</th> <th>Habitat Values</th> <th>s (aquatic)</th> <th>Designation</th> <th></th> <th>Value</th> <th>Infrastructure</th> <th></th> <th>(WS)</th> <th>Natu</th> <th>ral Environme</th> <th>nt (NE)</th> <th>Environ</th> <th>nent (SE</th> <th>) SUN</th> <th>VI RAN</th> <th>к</th>	Site #	Surface Storage Site Pot	tential (AF)	annual AF)	Protections	Control	Habitat	Species	Habitat Values	s (aquatic)	Designation		Value	Infrastructure		(WS)	Natu	ral Environme	nt (NE)	Environ	nent (SE	) SUN	VI RAN	к
1       1	1	Ashton Dam Enlargement 29,00	00-40,000	Moderate	Good	Good	Migration	Sensitive	None	None		Conservation	Low	High	2	1 1	2	2 1 1	1	3	1 3	18	2	
i       image bind bind bind bind bind bind bind bind	2	Bitch Creek 142,0	000-210,000	Moderate	Protected	Moderate	Winter Range	Sensitive	Moderate	Core		Conservation	High	High	2	3 2	3	2 2 3	2	3	3 3	28	12	
1       Areal       Area       Area      Area <t< td=""><td>3</td><td>Boone Creek 80,00</td><td>00-83,000</td><td>Moderate</td><td>Protected</td><td>None</td><td>None</td><td>Federal</td><td>Extensive</td><td>Conservation</td><td>Federal</td><td></td><td>High</td><td>Few</td><td>2</td><td>3 3</td><td>1</td><td>3 3 2</td><td>3</td><td>3</td><td>3 1</td><td>27</td><td>11</td><td></td></t<>	3	Boone Creek 80,00	00-83,000	Moderate	Protected	None	None	Federal	Extensive	Conservation	Federal		High	Few	2	3 3	1	3 3 2	3	3	3 1	27	11	
1       1	4	Conant Creek 20,10	00-40,000	Moderate	Protected	None	Migration	Sensitive	Moderate	Conservation	None	Private	High	Moderate	2	3 3	2	2 2 2	1	1	3 2	23	7	
1       0      0       0       0	5	Driggs 50,00	00	Good	Protected	Good	None	Sensitive	Extensive	Conservation	State	State	High	High	1	3 1	1	2 3 2	2	2	3 3	23	7	
1       0	6	Generic Reservoir in Flat Land NA		TBD	TBD	TBD	TBD	TBD	TBD	TBD	Nonea	TBD	TBD	TBD	4	4 4	4	4 4 4	1	4	1 4	41	. 13	
1       Nome       Made       Made <t< td=""><td>7</td><td>Grassy Lake NA</td><td></td><td>Poor</td><td>Possible</td><td>None</td><td>None</td><td>None</td><td>None</td><td>None</td><td>None</td><td>TBD</td><td>TBD</td><td>Few</td><td>3</td><td>2 3</td><td>1</td><td>1 1 1</td><td>1</td><td>4</td><td>1</td><td>22</td><td>6</td><td></td></t<>	7	Grassy Lake NA		Poor	Possible	None	None	None	None	None	None	TBD	TBD	Few	3	2 3	1	1 1 1	1	4	1	22	6	
No.       N	8	Harrops Bridge/Tetonia 590,0	000	Good	Protected	Good	Winter Range	Sensitive	Extensive	Conservation	State	Federal	High	High	1	3 1	3	2 3 2	2	3	3 3	26	5 10	
11       Addrifted Energy and a Materification of a state state of a state state of a state of a state	9	Horseshoe Creek 60,00	00 <sup>b</sup>	Good	Protected	None	Winter Range	None	None	Conservation	None	Federal	Moderate	Few	1	3 3	3	1 1 2	1	3	2 1	21	. 5	
100       1000000000000000000000000000000000000	10	Howell Ranch 30,00	00-32,000	Moderate	Protected	None	Migration	Federal	None	Core	State	Federal	Moderate	Few	2	3 3	2	3 1 3	2	3	2 1	25	9	
100       1000000000000000000000000000000000000																								
13       Late Article fraited and solve and	11	Island Park Enlargement NA		Poor	Good	Good	None	Sensitive	None	None	None	Federal	Low	High	3	1 1	1	2 1 1	1	3	1 3	18	2	
J         Lower ladge Casis         Norto Casis         <	12	JY Ranch 49,00	00-80,000	Moderate	Protected	None	Migration	Sensitive	None	Core	State	Federal	Moderate	Few	2	3 3	2	2 1 3	2	3	2 1	24	8	
15       1000000000000000000000000000000000000	13	Lane Lake/Teton Lake 69,00	00-70,000	Good	Good	Moderate	Winter Range	Sensitive	Minimal	Corec		Private	Low	Few	1	1 2	3	2 1 3	1	1	l 1	17	1	
15         Mander Macheman	14	Lower Badger Creek 70,00	00-73,000	Good	Protected	Moderate	Winter Range	Sensitive	None	Core	Federal	Federal	High	Few	1	3 2	3	2 1 3	2	3	3 1	24	8	
17       Mone Creak       Bouch       Mone	15	Marysville Headworks 38,00	00-56,000	Moderate	Protected	None	Migration	None	None	Conservation		Federal	High	Moderate	2	3 3	2	1 1 2	2	3	3 2	24	8	
11       2       2       3       2 <th2< th=""> <th2< th=""> <th2< th="">    &lt;</th2<></th2<></th2<>	16	Moody Creek (Webster Dam) 46,00	00-50,000	Moderate	Protected	None	None	None	Moderate	Conservation	None	Private	Low	Few	2	3 3	1	1 2 2	1	1	1	18	2	
b         B	17	Moose Creek 60,00	00	Poor	Possible	None	None	None	None	None	eligible Federal	Federal	Moderate	Few	3	2 3	1	1 1 1	2	3	2 1	20	) 4	
19       Review Field       Total	18	Park Lake 37,00	00-40,000	Moderate	Protected	None	Migration	Federal	Moderate	Conservation		Federal	Moderate	Few	2	3 3	2	3 2 2	2	3	2 1	25	9	
D       Direction of the constraint       Direction of the con	19	Robinson Creek 70,00	00	Poor	Protected	None	Migration	Federal	None	Core		Federal	High	Few	3	3 3	2	3 1 3	2	3	3 1	27	11	
2         Super Rescale         None         Rescale         Low         Few         2         6         1 </td <td>20</td> <td>Spring Creek (Canyon Creek) 30,00</td> <td>00-32,000</td> <td>Poor</td> <td>Protected</td> <td>None</td> <td>Winter Range</td> <td>Sensitive</td> <td>None</td> <td>Corec</td> <td>None</td> <td>State</td> <td>Low</td> <td>Few</td> <td>3</td> <td>3 3</td> <td>3</td> <td>2 1 3</td> <td>1</td> <td>2</td> <td>l 1</td> <td>23</td> <td>7</td> <td></td>	20	Spring Creek (Canyon Creek) 30,00	00-32,000	Poor	Protected	None	Winter Range	Sensitive	None	Corec	None	State	Low	Few	3	3 3	3	2 1 3	1	2	l 1	23	7	
Image: constraint of the served of	21	Squirrel Creek 126,0	000-130,000	Moderate	Protected	None	None	Federal	Moderate	Conservation	None	Federal	Moderate	Few	2	3 3	1	3 2 2	1	3	2 1	23	7	
A         France         None         None         None         None         Protect         None         N	22	Squirrel Meadows (Wyoming) 10,00	00	Moderate	Possible	None	None	Federal	Moderate	Conservation	None	Federal	Low	Few	2	2 3	1	3 2 2	1	3	1	21	. 5	
2         Upper Badger Creek         43,000-5,000         Good         Protected         Moderate	23	Teton (rebuild or new site) 200,0	000 (active)	Good	Protected	Good	Winter Range	Sensitive	Extensive	Conservation	eligible Federal	Federal	High	Few	1	3 1	3	2 3 2	2	3	3 1	24	8	
25       Upper Badger Creek       9,000-5,000       Good       Perket       Moderate       Second       None       None       None       None       Second       Second </td <td>24</td> <td>Teton Creek (Wyoming) 115,0</td> <td>000<sup>b</sup></td> <td>Good</td> <td>Protected</td> <td>None</td> <td>Winter Range</td> <td>Sensitive</td> <td>None</td> <td>Conservation</td> <td>None</td> <td></td> <td>Low</td> <td>Few</td> <td>1</td> <td>3 3</td> <td>3</td> <td>2 1 2</td> <td>1</td> <td>1</td> <td>l 1</td> <td>19</td> <td>3</td> <td></td>	24	Teton Creek (Wyoming) 115,0	000 <sup>b</sup>	Good	Protected	None	Winter Range	Sensitive	None	Conservation	None		Low	Few	1	3 3	3	2 1 2	1	1	l 1	19	3	
2 brain were       75,00 (active)       Good       Parted       Sensite       None       Sone       Federal	25	Upper Badger Creek 49,00	00-50,000	Good	Protected	Moderate	Winter Range	Sensitive	Moderate	Core			High	Few	1	3 2	3	2 2 3	1	3	3 1	24	8	
27       Egin Lake Enlargement       5,000 (Hall)       Boot       None	26	Warm River 75,00	00 (active)	Good	Protected	Good	Migration	Sensitive	None	Core		Federal	High	High	1	3 1	2	2 1 3	2	3	3 3	24	8	
FNID         Recharge Program (ging)         Moderate         Good         None         None <t< td=""><td></td><td></td><td></td><td>ery) Site</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				ery) Site																				
28       ench       (pring)       Moderate       Good       None	27			Poor	Good	None	None	None	None	None	None	Private	Low	Few	3	1 3	1	1 1 1	1	1	1 1	15	2	
29       FMID Recharge Program (other)       13X-19K (spring)       Peom       Good       None       None       None       None       None       Private       Low       Few       1 <th1< th="">       1     1       1       1       1<td>28</td><td></td><td></td><td>Moderate</td><td>Good</td><td>None</td><td>None</td><td>None</td><td>None</td><td>None</td><td>None</td><td>Private</td><td>Low</td><td>Few</td><td>2</td><td>1 3</td><td>1</td><td>1 1 1</td><td>1</td><td>1</td><td>1 1</td><td>14</td><td>1</td><td>-</td></th1<>	28			Moderate	Good	None	None	None	None	None	None	Private	Low	Few	2	1 3	1	1 1 1	1	1	1 1	14	1	-
Water Market Alternative         Image: Condition of the strengt	29	FMID Recharge Program (other) 13K-1	19K (spring)	Poor	Good	None	None	None	None	None	None	Private	Low	Few	3	1 3		1 1 1			l 1	15	i 2	Multiple canal companies within
31         Credit System         TBD         Good         None	30	, , ,	Identified	Moderate	Good	None	None	None	None	None	None	Federal	Low	Few	2	1 3	1	1 1 1	1	3	1	16	3	Individual recharge sites are end
31       Credit System       TBD       Good       None		Water Market Alternative																				1		Potontial credits for militant'
32       Utilize and/or Expand Existing Banking Program       TBD       Good       None	31	Credit System		TBD	Good	None	None	None	None	None	None	NA	Low	Low	TBD	1 3	1	1 1 1	1	1	1	12	1	
33       Tedn Valley Water Conservation       TBD       Good       None			ogram													-	1	1 1 1	1	1				The State Water Supply Bank (IV
34       North Fremont Water Conservation       TBD       Good       None		Conservation, Water Management and D	Demand Reduc	tion Alternativ	/es																			
35       Lower Bench Water Conservation       TBD       Good       None								None			None													
36       Bin Bench Water Conservation       TBD       Good       None																								
37       Increase Capacity of Cross-Cut Cass-Cut Cass																			_					
38       General Demand Reduction Alternative       TBD       Good       None       None       None       None       None       None       None       Low       Low       Low       I		-																	_					
39       Weather Modification       TBD       Good       None       No																			1					Several programs are offered th
	39	Weather Modification		TBD	Good	None		None	None	None	None	NA	Low	Low	TBD	1 3	1	1 1 1	1		1 1	12	! 1	A pilot program in the Upper Sn
	· · · · · · · · · · · · · · · · · · ·		ver assumptio					None	None	None	None	Private	Low	Low	TBD	1 3	1	1 1 1	1	1	1 1	12	1	

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<sup>a</sup>Specific site location data is not available, however, assumptions have been made based on best professional judgment.

<sup>b</sup>Storage potential volume estimates are not published information, however, volume estimates were made based on topography and an assumed location/elevation.

<sup>c</sup>Some alternatives may be eliminated because it is more appropriate to have as part of another program.

Criteria Summary & DRAFT Alternatives Prioritization
Notes <sup>c</sup>
RB Managed Recharge Program.
lifferent canal companies who participate in recharge efforts under FMID's contract in the IWRB's Managed Recharge
vithin FMID participate in the IWRB's Managed Recharge Program under a contract between FMID and the IWRB.
e encouraged to participate in the IWRB's Managed Recharge Program.
ion or to offset potential injury through a water right transfer is provided for through IDWR administered programs (e.g.,
ion of to onset potential injury through a water right transfer is provided for through DWK administered programs (e.g.,
ak (IWRB's Bank and Water District 1 Rental Pool) active programs administered by the State.
nd through the IWDD's AWED and encouraged through the ECDA CAMD process

d through the IWRB's AWEP and encouraged through the ESPA CAMP process. r Snake River is in operation through the ESPA CAMP process.