## **SECTION ONE - Farm Characteristics**

1.	What groundwater district is your farm loc	cated in (check all that	apply)?		
	Aberdeen 5 2 □ Bingham 6	☐ Carey Valley ☐ Jefferson Clark ☐ Madison ☐ Magic Valley	9 🗆	North Snake Farm is not in groundwater d Other	istrict
	If your farm is in one or more of the ground questionnaire and return it in the self-addre of the listed groundwater districts, it is not n incomplete questionnaire in the self-addresses.	essed, stamped envelope necessary for you to com	provided. If your farm plete the questionnaire	is NOT located i . Please return yo	our
2.	How many total acres of land do you own?				acres
3.	How many total acres do you farm (include	e leased land)?			acres
4.	Use the table below to indicate how many ac your yield, and what percent of the crop you	u have contracted or in	a co-op.	d on your farm in	
		Acres	Total Yield	or in Co-o	
	Alfalfa/hay				
	Barley				
	Corn for silage				
	Seed corn				
	Potatoes				
	Sugar beets				
	Irrigated wheat				
	Other (please list):				
	Other (please list):				
5.	How many head of dairy cattle do you have	e on the land you own	or manage?		head
5.	How many head of beef cattle do you have	on the land you own o	r manage?		head
7.	How many head of other livestock do you l	have on the land you o	wn or manage?		head
8.	In an average year, what percentage of your	r crops are insured?			%
	In an average year, what percentage of your				]%
٠.	in an average year, what percentage of your	in total are mountain	• • • • • • • • • • • • • • • • • • • •	·	J ′ ′

Irrigation Type	Check the Box Next to Each Irrigation System You Use on Your Farm (Check All That Apply)	Acres	In What Year Did You Install This System?
Micro-sprinklers			
Center pivot			
Hand lines			
Wheel lines			
Drip			
Furrow/flood			
Other (write in):			

Check If You Have

Indicated Type Of Water Right Percentage of Water Right Portfolio

%

%

%

%

1

Water Right Type

Surface water

Dual rights

Junior groundwater rights (1973-present)

Senior groundwater rights (1972 or earlier)

10. In the table below, please indicate which of the following irrigation methods you use on your farm and

## **SECTION TWO - Challenges to Your Farm Operation**

12. Please rate how challenging each of the following is when it comes to making a living from your farm.

	Not a Challenge	Slight Challenge	Moderate Challenge	Major Challenge	Extreme Challenge
Low commodity prices					
High cost of farming inputs					
Obtaining financing					
Finding contracts for my crops					
Unpredictable crop markets					
Pests/weeds/disease					
Drought					
Unpredictable weather					
Not enough water to irrigate sufficiently					
Hiring and/or keeping labor					
Government regulations					
Lack of access to technical assistance					

#### **SECTION THREE - Impact of Water Restriction on Your Farm Operation**

13. In this section, we will ask you several questions about how your farm was impacted by the water reductions you were required to make as a result of the 2015 water settlement agreement.

	Percentage
What percentage of your total groundwater rights were you required to cut by your groundwater district?	%
In your estimation, what percentage of your typical yield have you lost because of the water cut requirements?	%
In your estimation, what percentage of your typical farm income have you lost because of the water cut requirements?	%

		,				Mete	ers
	How many well meters have you purchased to agreement?	meet the ter	ms of the set	tlement			
	How many well meters do you still need to pu settlement agreement?	of the					
		ſ		2016	2017		
	How many acres have you taken out of produce effect to meet your required water cut in the 2		-		\$		\$
	Overall, how much money did you spend to n reduction in the 2016 and 2017 irrigation seas		\$		\$		
14.	How concerned are you about the following is	sues related t	o the water c	uts?			
		Not At All Concerned	Slightly Concerned	Moderate Concern		Very Concerned	Extremely Concerned
	Meeting the water reduction requirements of the settlement agreement						
	The impact of the settlement agreement on your farm operation						
	Your ability to make a living from your farm with the required water cuts						
	Indicate which of the following you or someor financial impacts of the settlement agreement of			ne since 20	)15	to deal with	ı the
						Yes	No
	Took an off-farm job						
	Started a new business						
	Reduced spending						
	Contracted more crops						
	Contracted fewer crops						
	Joined a co-op (e.g., Amalgamated Sugar)						
	Other (write in):						

## **SECTION FOUR - Farm Operation Decision Making**

16.	6. Please indicate how important each of the following is in determining the decisions you make about managing your farm.									
			Not Import		Slig Impo			lerately ortant	Very portant	Extremely Important
	Labor availability					]	[			
	Crop market availability					]	[			
	Availability of crop contracts					]	[			
	Commodity prices					]	[			
	Price of inputs					]	[			
	Access to credit					]	[			
	Availability of financial assistant government programs (e.g., Cor Reserve Program)					]	[			
	Cooperative or contract requires	ments				]				
	Conserving water					]	ĺ			
	Last year's crop performance						[			
	Last year's water use						[			
	Dealing with unpredictable wear	ther				]	[			
	Availability of technical assistan	ce				]	[			
17.	. Please indicate your level of agre	eement with	the follow	ing s	stateme	ents.				
		Completely Disagree	Disagree		newhat sagree	Neitl Disg Nor A	ree	Somewh Agree	 Agree	Completely Agree
	I am willing to make short-term cut backs if they will lead my farm to long-term success						]			
	I am willing to make up-front investments if they will lead my farm to long-term success						ן			

### **SECTION FIVE - Farm Practices**

18. In the following table, indicate which of the following practices you used to meet your required water cuts or deal with the associated impacts. Please also indicate if you plan to use these practices in the future. Check all that apply.

	Have Used	This Practice		Use This the Future
	Yes	No	Unlikely	Likely
Changed crop rotation				
Switched to or added dryland acres				
Planted higher value crops				
Planted less water-intensive crops				
Changed tillage practices				
Dried up corners				
Turned off end guns				
Irrigated less frequently				
Improved irrigation system efficiency				
Switched to a more efficient irrigation system				
Used canal water to meet requirements (mitigate)				
Purchased recharge credits (e.g., Snake River Storage or Recharge Development Corporation)				
Purchased or rented canal shares				
Put land into Conservation Reserve Program or other government sponsored program				
Reduced livestock herd size				
Hired consultant for technical help				
Sold land				
Adopted precision agriculture techniques (e.g. drones)				
Stopped farming				
Did not do anything				
Other (write in):				
Other (write in):				

# **SECTION SIX - Farmer Perspectives on the Water Settlement Agreement**

19. How would you characterize your attendance at groundwater district meetings?								
	☐ I attend every meeting ☐ I attend more than half of the	meetings			attend less never atten			ngs
20.	How would you characterize you	ar role in gr	oundwater	· district de	cision mak	ing? (Check	all that ap	ply)
	<ul> <li>☐ I currently serve in a formal leadership position in my groundwater district</li> <li>☐ I have previously served in a formal leadership position in my groundwater district</li> <li>☐ I have served in an informal leadership position or on an advisory committee in my groundwater district at any time, either present or past</li> <li>☐ I have no role other than attending meetings</li> <li>☐ Other, please specify:</li></ul>							
21.	Did you attend any groundwater	district me	eetings rela	ted to the 2	015 settlem	nent agreen	nent proces	s?
	□ Yes □ No						-	
	22. Please indicate your level of agreement with the following statements related to the <i>process</i> of reaching the 2015 settlement agreement.							
		Completely Disagree	Disagree	Somewhat Disagree	Neither Disagree Nor Agree	Somewhat Agree	Agree	Completely Agree
	The decision-making process was transparent							
	The decision-making process was fair							
	I was able to influence the decision-making process to the extent I wanted							
	My interests were represented during the negotiations							
	Outside interests (not related to farming) had too much influence in the process							
	I trust that the data used to make decisions in the agreement was accurate							

settlement agreement.							
	Completely Disagree	Disagree	Somewhat Disagree	Neither Disagree Nor Agree	Somewhat Agree	Agree	Completely Agree
The settlement agreement was necessary to ensure water availability for all users in the future							
Overall, the terms of the agreement are fair for groundwater users							
Overall, the terms of the agreement are fair for surface water users							
24. Please indicate your level of agree 2015 settlement agreement.	eement with	n the follow	ving statem	ents related	to the <i>imp</i>	lementatio	<b>n</b> of the
	Completely Disagree	Disagree	Somewhat Disagree	Neither Disagree Nor Agree	Somewhat Agree	Agree	Completely Agree
My groundwater district fairly assigned water reduction requirements to each farmer in my district							
Overall, I have been treated with respect by water managers							
I clearly understand what I am required to do under the settlement agreement							
I would be troubled if I knew other farmers were not complying with the settlement agreement							
If I do not comply with the agreement, I will face official consequences							
If I do not comply with the agreement, I will face criticism from other farmers							
In the end, I believe the goals of the water settlement agreement will be achieved							

23. Please indicate your level of agreement with the following statements related to the terms of the 2015

## **SECTION SEVEN - Resources for Farm Management**

25. Please rate your level of agreement with the following statements.

	Completely Disagree	Disagree	Somewhat Disagree	Neither Disagree Nor Agree	Somewhat Agree	Agree	Completely Agree
My ability to make manage- ment changes on my farm is constrained by crop markets							
My ability to efficiently manage water is constrained by inadequate irrigation infrastructure							
My current approach for dealing with water challenges will be sufficient for future water challenges							
I experiment with new ways to irrigate							
I have the knowledge I need to solve water related challenges on my farm							
I have the financial resources needed to make management changes on my farm							
More efficient irrigation systems are too expensive for me to purchase and use							
To comply with the settlement agreement, I am willing to change the way I manage my farm							
To comply with the settlement agreement, I am willing to take cut backs on my farm income							
I anticipate some years I just won't be able to comply with the settlement agreement if I want to pay my bills							
The settlement agreement changes my relationship with other farmers							

		Completely Disagree	Disagree	Somewhat Disagree	Neither Disagree Nor Agree	Somewhat Agree	Agree	Completely Agree
	My relationship with other farmers will help me find ways to deal with the settlement agreement							
	Situations like the settlement agreement bring farmers together							
	Under the settlement agreement, it will be more difficult for me and other farmers to help one another with water and farm management							
26.	Please rate your level of agreeme	ent with the	following	statements.				
		Completely Disagree	Disagree	Somewhat Disagree	Neither Disagree Nor Agree	Somewhat Agree	Agree	Completely Agree
	There are job options available to me other than being a farmer							
	Helping other farmers in my community is important, even when it means making small sacrifices							
	I regularly change my farm management practices to deal with new challenges							
	I seek the advice of other farmers in the region							
	I seek the advice of extension agents and other agricultural professionals in the region							
	My ability to make changes on my farm is constrained by government regulations							
	When I need information about solving the challenges I face on my farm, it is easy for me to obtain it							
L				1				1

# SECTION EIGHT - Landowner Information 27. Are you? Male Female 28. What year were you born? 29. What is the highest level of formal education you have completed?

28. What year were you born?			
29. What is the highest level of forr	nal education you have comple	ted?	
<ul><li>☐ Some high school or less</li><li>☐ High school</li></ul>	<ul><li>☐ Technical school/some</li><li>☐ College</li></ul>	e college	
30. Over the last five years, what is farm production expenses are pa			nd
☐ Less than \$25,000 ☐ Between \$25,001-\$50,000 ☐ Between \$50,001-\$100,000 ☐ Between \$100,001-\$250,000		☐ Between than \$250,001-\$500,000☐ Between than \$500,001-\$1,000,0☐ More than \$1,000,000	
31. Over the last five years, what is farm production expenses are pa			
☐ Less than \$25,000 ☐ Between \$25,001-\$50,000 ☐ Between \$50,001-\$100,000 ☐ Between \$100,001-\$250,000		Between than \$250,001-\$500,000 Between than \$500,001-\$1,000,0 More than \$1,000,000	
32. Over the last five years, what ar	e your average yearly farm proc	luction expenses?	
☐ Less than \$25,000 ☐ Between \$25,001-\$50,000 ☐ Between \$50,001-\$100,000 ☐ Between \$100,001-\$250,000		Between than \$250,001-\$500,000 Between than \$500,001-\$1,000,0 More than \$1,000,000	
33. On average, what percentage of	your household's annual incon	ne comes from the following sourc	es?
Agricultural production (not inc	luding livestock)		9
Livestock production			9
Off-farm sources (e.g., other jobs	s, investments, retirement plans	s)	9
34. With which religious faith do ye	ou most closely affiliate?		
☐ Mormon/LDS	☐ Mennonite	☐ No affiliation	

35. What is your political ideology?

☐ Liberal ☐ Moderate ☐ Conservative

#### Thank you for taking this survey!

Please return your booklet using the postage paid envelope provided.





