Application for

Surface Water Allocation of Conserved Water



725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900

Part 1 of 4 - Minimum Requirements Checklist

This application will be returned if Parts 1 through 4 and all required attachments are not completed and included.

For questions, please call (503) 986-0900, and ask for Allocation of Conserved Water Section.

Check all item	s included with this application. (N/A = Not Applicable)	RECEIVED
\boxtimes	Part 1 – Completed Minimum Requirements Checklist.	NOV 3 0 2021
\boxtimes	Part 2 – Completed Applicant Information and Signature.	OWRD
\boxtimes	Part 3 – Completed Water Right Information and Conservation Measures. Part 3 for each water right. List all water right certificates involved in this approximation and Conservation Measures.	
\boxtimes	Part 4 –Completed Mitigation, Proposed Use, Project Schedule, Funding, an	d Fee Calculation.
Attachmen	ts:	
\boxtimes	Fees – Amount enclosed: \$ 1,360 (From last page of application).	
	Application Map. Must have sufficient detail to locate and describe the facil the conservation measures. Must show the place of use where water is bei are changing. [Attachment A]	
\boxtimes	Land Use Information Form with approval and signature. (Not required if 10 being transferred instream.) [Attachment B] or	00% of Conserved Water is
	Land Use Notice - Notice of the intent to create an instream water right must affected county, city, municipal corporation, or tribal government along the	•
\boxtimes	Completed Evidence of Use Affidavit and Supporting Documentation. [Atta	chment C]
⊠ □ N/A	Affidavit(s) of Consent. [Attachment D]	
	Letter of approval from Irrigation or Water Control District. For water rights name of a District; this must be provided when the applicant is <u>not</u> the District.	
	Irrigation or Water Control District's adopted policy on allocation of conserv	ved water.
□ ⊠ N/A	If construction of the project has begun or been completed <u>and</u> if more that costs have been expended before applying for allocation of conserved water attempted to identify and resolve the concerns of water right holders in the entities or other organizations who have asked to be consulted regarding the water. No water right holders or other entities have asked to be consulted.	r, evidence that you have area, governmental e allocation of conserved
	Evidence for Fee Waiver.	
□ ⊠ N/A	Notice of Completion.	
□ ⊠ N/A	Request for Finalization. (The entire conservation project listed on the appli No partial finalization will be recognized.)	cation must be complete.

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Part 2 of 4 – Applicant Information and Signature

Applic	cant Information	OV	MPD						
APPLI	ICANT/BUSINESS NAME	<u> </u>	VNU		PHONE N	0.	ADDITION	AL CONTACT N	10.
Grin	nmway Enterprises, Inc.;	Attn: Matt	Vickery		661-845	5-5761			
ADDR	RESS						FAX NO.		
POE	30x 81498								*
CITY		STATE	ZIP		E-MAIL				
Bake	ersfield	CA	93380		MVicke	ry@grimmway	.com		
	The applicant is an organized under Opolicy was adopted	RS Chapte	r 553. Th	e District'					
OR									
OK									
\boxtimes	The applicant is the conservation meas	ures is loc	ated?	Yes 🛛 N	No				
	If NO, include signate affidavits of consent right(s) has been cor	(and mailir							
	LANDOWNER NAME					PHONE NO.			
	Onyx Land Compan	v. LLC				661-587-519	8		
	ADDRESS	,,							
	9100 Ming Avenue,	Sutie 120							
	CITY		STATE	ZIP		E-MAIL			
	Bakersfield		CA 93311		tsaiki@illumaeg.com				
	esentative Information	relati		ted below application		uthorized to	represent	T	ant in all matters
1	Water Solutions, Inc.; At		e Ressler			503-239-87	799 x106		
ADDF								FAX NO.	
	W Yamhill Street, Suite 3	00							
CITY		ГАТЕ		ZIP		E-MAIL			
Port	land	R		97204		tressler@gsiws.com			
	'								
with g	rstand that I will be recently and that I will be recently and the control of the	e area whe er is availal	re the wat ble, I sugg	ter right is est publish	located, ning the	once per we notice in the	ek for two	consecut paper: <u>Eas</u>	ive weeks. If more
					0/- 0-1	one and the state of the	a billion and		
. 1						ware limited li	ability con		
ah						, its Manager		11-23	3-21
Landowner and Water Right Holder Signature Tracy Saiki, Property Manager Print Name (and Title if applicable)								Date	
20.100WI	.c. and water right noider 318	mature ril	raine (and	парриса				Jace	
11 to	H \/	Gri	immway Er	nterprises, l	Inc.			11	211 2 .
IVIW	VI		_			Water Resour	ces	11-	4-6
Annlican	t Signature	/ Prin	t Name (and	ame (and Title if applicable)					

In your own words tell us what physical conservations measures you have made or propose to make and the reason for the change(s):

Physical Conservation Measures:

The physical conservation measure that will be completed is an on-farm efficiency project involving installation of high efficiency (low pressure, low flow) spray nozzles on the center pivots used for irrigation of a portion of the acreage associated with the subject water right. This on-farm efficiency project will result in a 12.15 cfs reduction in the required maximum rate of irrigation and a 2,374.5 AF reduction in the volume of water applied during the irrigation season.

Reason for the Change:

Advances in irrigation application technology has allowed for the application of less water to crops without sacrificing crop yields. The application of less water per acre of land will enable the applicant to efficiently use the water authorized under Certificate 53731, and through the Allocation of Conserved Water program, the applicant would be able to apply their portion of the conserved water on additional lands not currently authorized for irrigation under the water right. This will enable the applicant to further increase crop yields.



To meet State Land Use Consistency Requirements, you must list <u>all</u> local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction the conservation project and/or proposed instream reach will be located.

ENTITY NAME	ADDRESS				
Umatilla County	216 SE Fourth St.				
CITY	STATE	ZIP			
Pendleton	OR	97801			

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Part 3 of 4 — Water Right Information and Conservation Measures

Please use a separate Part 3 for <u>each</u> water right involved in the proposed allocation of conserved water.

WATER RIGHT INFORMATION:

Water Right Subject to Transfer (check and complete **ONE** of the following):

Contificated Right	53731	S-37108		
Certificated Right	Certificate Number	Permit Number or Decree Name		
Adjudicated the sortificated Dight				
Adjudicated, Un-certificated Right	Name of Decree	Page Number		
Permit for which Proof has been				
Approved	Permit Number	Special Order Volume, Page		
Transferred Right for which Proper Proof				
of the change has been filed	Previous Certificate / Transfer Number	Date Claim of Beneficial Use Submitted		

County: Umatilla

Describe the pre-project water delivery system. Include information on the diversion structure, pumps, and conveyance facilities (including canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use). Provide sufficient detail for the Department to determine the system capacity. Water used for irrigation pre-project was diverted from the Columbia River at the Amstad Pump Station, which is located on the south bank of the Columbia River in Section 13, Township 5 North, Range 27 East (WM). The Amstad Pump Station consists of eight line shaft turbine pumps (total of 6,000 Hp) with a total pumping capacity of 33,700 gpm* (Attachment C). The pump station draws water from the Columbia River through a 72-inch fish screen equipped intake pipe. Water is conveyed from the pump station to the farm through 8,250 feet of 42-inch concrete-lined steel pipe. At the farm, the water is then conveyed through a network of approximately 96,000 feet of smaller distribution mainlines to 37 pivots used to apply water for irrigation on the place of use (Attachment A). The pivots were nozzled to apply up to 11 gpm per acre and utilized the entire permit authorized rate of 62.8 cfs on the 2,971.3 acres.

*Note that the Amstad Pump Station is used to supply water for additional lands under separate water rights besdes the single water right involved in this allocation of conserved water application; therefore the diversion and conveyance system has a capacity that exceeds that required to serve the acreage related to this specific application.

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Table 1: Pre-Project Description

List: A) the maximum rate and annual duty (volume) of water that may be diverted **as stated on the water right of record**; <u>and</u> B) the maximum amount of water that can be diverted using the pre-project facilities ("system capacity"). If there are multiple priority dates on the water right, list the rate and duty associated with each priority date. (If the water right is only limited by rate, do not list a duty. Conversely, if the water is only limited by duty, do not list a rate).

PRE-PROJECT DESCRIPTION										
				Colur	mn A		Column B			
			١	Nater Righ	t of Record		System Capacity			
			Rat	:e	Rate	Duty				
Originating			Maximum		Maximum		Maximum	Maximum		
Water Right #	Priority	Acres	CFS	CFS/AC	AF	AF/AC	CFS	AF		
53731*	4/2/1973	2,374.5	50.19	0.025	10,685.25	4.5	75.08	4.5		
Totals	50.19		10,685.25		75.08	4.5				

Note: 1 miner's inch = 1/40 cfs;

1 cfs = 448.8 gpm

1 cfs = 1.983471 ac-ft/day

CONSERVATION MEASURES:

Describe the type of conservation measures, check all that apply:	RECEIVED
On-Farm efficiency project	NOV 3 0 2021
Distribution project, such as a ditch piping or lining project	OWRD
Other:	OWRD

Describe the proposed changes to the physical system, operations and application methods that will result in the conservation of water. If these proposed changes will change the point of diversion, you must meet the ODFW fish screen and bypass requirements pursuant to ORS 540.525. *Please include a description and details of how the estimate of water conserved was determined. Please provide sufficient detail for the Department to provide notice of the project.*

The conservation project will involve a physical change to the on-farm irrigation system. Specifically, the center pivot nozzles used for irrigation for a portion of the farm will be replaced with high efficiency (low pressure, low flow) spray nozzles designed to apply up to 8.0 gpm of water per acre (0.0178 cfs/ac) with up to 3.5 acre-feet of volume applied per acre per season. The applicant's post project need will be equal to 90 percent of the maximum rate required to irrigate all of the acreage involved in the conservation project (2,374.5 acres) simultaneously: 90 percent * 0.0178 cfs/acre * 2,374.5 acres = 38.04 cfs.

Certificate 53731 authorizes the use of up to 1/40 cfs per acre (0.025 cfs/ac) and 4.5 AF per acre during the irrigation season. The pre-project irrigation system utilized the full rate and seasonal volume authorized by the water right. The proposed on-farm efficiency project will result in the following:

- <u>A reduction in the instantaneous irrigation rate from 50.19 cfs (rate authorized by portion of Certificate 53731 involved in the project) to 38.04 cfs, resulting in conservation of 12.15 cfs</u>
- <u>A reduction in the seasonal volume of use from up to 4.5 AF per acre to 3.5 AF per acre, resulting in conservation of 2,374.5 AF (1.0 AF/ac * 2,374.5 acres).</u>

Note: the proposed changes will not result in a change in the point of diversion.

^{*} This allocation of conserved water involves only a portion of Certificate 53731, being 2,374.5 acres (50.19 cfs) of the total 2,971.3 acres (62.8 cfs) authorized for irrigation under the certificate.

Existing Point(s) of Diversion:

Tw	/p	Rr	ng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Measured Distances or Latitude and Longitude
5	N	27	E	13	NW	SW			2270 feet North and 940 feet East from SW Corner of Section 13

Place of Use Involved in Conservation Measures:

List only the part of the right that will be affected. If the entire right is being affected, just state "entire Certificate."

Twp	Rng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	Type of Use listed On Certificate	Priority Date
	Sec	Attachm	ent E				2,374.5	Irrigation	4/2/1973
						Total	2,374.5		

Are there other water right certificates, water use permits, ground water registrations, or uncertificated
decreed rights associated with the above lands? Yes No. If YES, list the certificates, water use
permits, groundwater registrations, or uncertificated decree numbers:
Is the project within the boundaries of an irrigation district or water control district? \Box Yes $igtimes$ No \Box If YES
and applicant is <u>not</u> a District, you must provide a letter of approval from the District.

Table 2: Conserved Water

In Column A, list the smaller of A or B from Table 1 (Pre-Project Description). In Column B, list the amount of water that will be needed for the existing, authorized use(s) after implementing the conservation measures. In Column C, subtract Column B from Column A and enter the results (e.g., A - B = C). (If the water right is only limited by rate, do not list a duty; and conversely, if the water is only limited by duty, do not list a rate.)

				Conserv	ed Water D	escription					
		Colu	mn A			Colur	nn B		Column C		
	Table 1 – Smaller of A or B					Nee		Conserved Water			
	Ra	Rate Duty		,	Ra	te	Duty	/	Rate	Duty	
Priority	Maximum CFS	CFS/AC	Maximum AF	AF/AC	Maximum CFS	CFS/AC	Maximum AF	AF/AC	Maximum CFS	Maximum AF	
4/2/1973	50.19	0.025	10,685.25	4.5	38.04	0.0178	8,310.75	3.5	12.15	2,374.5	
Totals	50.19		10,685.25		38.04		8,310.75		12.15	2,374.5	

Table 3: Allocation of Conserved Water

List the portions of the conserved water that will be allocated to the state and applicant. Note: Column A plus Column B should total Column C (e.g., A + B = C).

			Conse	rved Water Allo	cation				
	Column A			Column B		Column C			
State's Portion			Applicant's Portion			Conserved Water			
		Maximum			Maximum			Maximum	
	Maximum	Duty		Maximum	Duty		Maximum	Duty	
Percentage*	Rate	(Volume)	Percentage	Rate	(Volume)	Percentage	Rate	(Volume)	
25%	3.04	593.62	75%	9.11	1,780.88	100%	12.15	2,374.5	

^{*} must be at least 25%

The priority for the conserved water is requested to be:	RECE
The same as the original right or	0

One minute junior to the original right.

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MITIGATION:

Describe any expected effects from the proposed allocation of conserved water on other water rights. Describe what currently happens to the water that is proposed to be conserved. The water proposed to be conserved is currently diverted from the Columbia River by the applicant and used for irrigation by the pre-project irrigation system. The proposed conservation measures will reduce the rate and volume of withdrawal from the Columbia River under the water right involved in this application. The state's portion of the conserved water will be left in stream.

Describe any mitigation or other measures that are planned to avoid harm to other water rights. <u>This project is not expected to result in any harm to other water rights.</u>

PROPOSED USE:

New Out-of Stream Uses:							
N/A	For new out-of-stream uses, describe the intended use and boundaries of the expected area						
	within which the diversion structures and places of use of the applicants' conserved water						
	right will be located. This is land other than that to which this water right is appurtenant.						

Intended Use: Primary irrigation;

Boundaries: The lands on where the applicant anticipates that it may use its share of conserved water is located within the following area:

Twn	Range										
1N	22E	2N	22E	3N	22E	4N	22E	5N	25E	6N	30E
1N	23E	2N	23E	3N	23E	4N	23E	5N	26E	6N	31E
1N	24E	2N	24E	3N	24E	4N	24E	5N	27E		
1N	25E	2N	26E	3N	26E	4N	25E	5N	28E		
1N	26E	2N	27E	3N	27E	4N	26E	5N	29E		
1N	27E	2N	28E	3N	28E	4N	27E	5N	30E		
1N	28E	2N	29E	3N	29E	4N	28E	5N	31E		
1N	29E	2N	30E	3N	30E	4N	29E				
1N	30E	2N	31E	3N	31E	4N	30E				
1N	31E					4N	31E				

Will the ne	ew use require	a change or additional point of divers	ion/appropriation?
X Yes	☐ No	Unknown at this time	RECEIVED
			NOV 3 0 2021
			OWRD

New Additional Point of Diversion: (NOTE: the original POD will continue to be used)

POD	Tv	wp	R	ng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Measured Distances or Latitude and Longitude
CRPS	4	N	25	E	2	NE	NW		7	South 86 degrees 22 minutes 46 seconds west, 289 feet from the NE corner of Section 2
EID	5	N	30	Е	8	SW	NW	200		2910 feet North and 120 feet East from SW corner of Section 8

New Instream Uses to be Created (State's Portion):

Originating Surface Water Right (as identified in Part 3)	Priority Date	Source	Proposed Instream Period	Rate (cfs)*	Volume (ac-ft)**
53731	4/2/1973 plus one minute	Columbia River	Irrigation Season	3.04	593.62
			TOTAL	VOLUME	593.62

- * To calculate rate (if other than the rate allowed by the right), divide the volume by the number of days in the period and then divide by 1.983471; or
- ** To calculate volume, multiply the rate by the number of days in the instream period and then multiply by 1.983471.

Note: The instream rate may not exceed the maximum rate conserved and the total volume may not exceed to maximum duty or volume conserved (Table 3, Column C).

Location of the proposed instream	water	right.
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	, ,	
	Water is requested to be protected within a reach. Location of the propose extent of the reach): (e.g., from the upstream POD located at RM to do the mouth at RM)	
OR		
	Water is requested to be protected at a point at the following location (i.e. point of diversion (POD)): Located in Lot 4 (NW SW), Section 13, T5N, R27E and 940 feet East from SW Corner, Section 13, T5N, R27E.	
Public U	Jse for which conserved water right should be managed under an inst	tream right (check at
	ne box):	
	•	
\boxtimes	Conservation, maintenance and enhancement of aquatic and fish life, wildling habitat, and other ecological values.	ife, fish and wildlife
	Recreation and scenic attraction.	
	Water Quality (e.g. pollution abatement).	
List any	existing instream water rights at the same point or within the same	requested reach(es):
	None.	
	Instream Water Right Certificates: 76086, 86126, 89859, 88064, 89235, 893	803, 89660, 89741, 89739,
897	<u>37, 89659, 89658, 89302, 90152, 94867, 95658, 95661</u>	RECEIVED
		NOV 3 0 2021

□ N/A	water 537.47 establi	our intent to have the proposed instream water right transfer be additive to any instream right established under ORS 537.348 (instream transfer application process) and ORS 70 (allocation of conserved water) and replace a portion of any instream water right ished under ORS 537.341 (state agency application process) and ORS 537.346 (conversion imum perennial streamflows) with an earlier priority date? No. If no, please explain your intent below:
		requested instream flow intended to exceed the estimated average natural flow or natural vel occurring from the drainage system?
		No; OR
		Yes (Provide supporting documentation that demonstrates why additional flows are significant for the public use requested.); OR
		Yes, and it is presumed that flows that exceed the estimated average natural flow or natural lake levels are significant because:
		The requested flow does not exceed the maximum amount of any instream water right applied for under ORS 537.338 (state agency instream water right application process); the requested public use is for the same public use; and the requested reach covers a portion or same reach as the state agency instream water right; and
		The stream is in an ODFW flow restoration priority watershed during the requested instream period; or
		The stream is listed as water quality limited by DEQ.

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PROJECT SCHEDULE:

N/A	For a project that has not been completed, please provide the dates on which the applicant
	intends to do the following:

Begin Construction	Complete Construction and File Notice of Completion	Request that Entire Conserved Water Allocation be Finalized
Date: December 2021	Date: February 2022	*Date: February 2022

^{*} Must be within 5 years from the date of filing the Notice of Completion.

Note: If construction of the project has begun or has been completed, and if more than 25 percent of the project costs have been expended before submitting this application, you must submit evidence that you have attempted to identify and resolve the concerns of water right holders in the area, governmental entities or other organization who have asked to be consulted regarding the allocation of conserved water.

N/A For a project that has been completed, provide the dates when the conservation measures were implemented and the date by which the applicant intends to request the allocation be finalized. Complete and attach Notice of Completion form.

Conservation Measures	Request that Entire Conserved
Were Implemented	Water Allocation be Finalized
*Date:	**Date:

^{*} Must be within 5 years prior to the date of filing this application.

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^{**} Must be within 5 years from the date of filing this Application and Notice of Completion.

FUNDING	
☐ ⊠ N/A	Federal or state public funds that <u>are not</u> subject to repayment are to be used for the project. <i>Refer to OAR 690-018-0040(18)(a)-(d) for further information in completing this section.</i>
	Source of Funding: Federal: State: State:
	Total cost for project engineering \$ Total cost for construction \$
	The present value of any incremental changes in the cost of operations and maintenance that are directly attributable to the project that would not be incurred or realized in the absence of the project is \$
	The amount of funding and the value of any in-kind contributions for project engineering and construction and for any incremental changes in the costs of operations and maintenance to be provided from federal or state public funds that are not subject to repayment is \$
	The amount of funding and the value of any in-kind contributions for project engineering and construction and for any incremental change since costs of operations and maintenance to be provided from other funds is \$
□ ⊠ N/A	Enter the percentage from Table 3, Column B (Applicant's Portion of Conserved Water)%. If this is more than 25%, what portion of project funds (expressed as a percentage) come from federal or state public sources?%
□ ⊠ N/A	The Oregon Watershed Enhancement Board (OWEB) has a contractual interest in this project. The OWEB project number is
FEE CALCUL	ATION
	Fee Schedule – ORS 536.050 https://www.oregon.gov/OWRD/Forms/Pages/default.aspx
\$1,36	50.00 - Base (1st Water Right) Add \$480.00 for each additional right
	\$1,360 + (<u>0</u> x \$480) = Total Fee \$ 1,360
-	Fee Waiver Worksheet
	valify for a waiver of up to 50%, you must provide evidence to establish your application meets the ving criteria:
	(a) Will be converted to an instream right pursuant to ORS 537.348; or
	(b) Is necessary to complete a project funded under ORS 541.375 (OWEB); or
	(c) Is approved by the Oregon Department of Fish and Wildlife as a project that will result in a net benefit to fish and wildlife habitat. See OAR 690-018-0040(25).
If the	project meets one of the above standards, use the following formula to calculate the fees:
	(d) Enter Percentage from Table 3, Column A =%
	(e) Deduct 25% from percentage in (d) above =%

Example: (d) = 100% - 25% (e) = 75% (max 50% waived) = Fee x 50% = Fee Waiver

Total Fee $\frac{1,360}{}$ – Fee Waiver (g) $\frac{0}{}$ = Amount Due $\frac{1,360}{}$

(f) Enter the lesser of (e) above or 50% _____ (g) Total Fee x % waived (f) = Fee Waiver \$___

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Attachment A

Map and Water Right Information
Application for a Surface Water Allocation of Conserved Water
Grimmway Enterprises, Inc - Certificate 53731

STATE OF OREGON

COUNTY OF

UMATILLA

CERTIFICATE OF WATER RIGHT

This Is to Certify, That

C & B LIVESTOCK, INC.

of PO Box 109, Hermiston , State of Oregon 97838 , has made proof to the satisfaction of the Water Resources Director, of a right to the use of the waters of Columbia River

a tributary of Pacific Ocean
irrigation of 2971.3 acres

for the purpose of

under Permit No. 37108 and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from April 2. 1973

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 62.8 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the Lot 4 (NW 1/4 SW 1/4), Section 13, T5N, R27E, WM; 2270 feet North and 940 feet East from SW Corner, Section 13, T5N, R27E.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-fortieth of one cubic foot per second per acre.

or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 4 1/2 acre-feet per acre for each acre irrigated during the irrigation season of each year

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

SEE NEXT PAGE



```
30.0 acres NE 1/4 NE 1/4
      38.7 acres NW 1/4 NE 1/4
      39.2 acres SW 1/4 NE 1/4
      32.4 acres SE 1/4 NE 1/4
37.0 acres NE 1/4 NW 1/4
      32.4 acres NW 1/4 NW 1/4
      33.6 acres SW 1/4 NW 1/4
      38.4 acres SE 1/4 NW 1/4
38.2 acres NE 1/4 SW 1/4
      32.8 acres NW 1/4 SW 1/4
      32.4 acres SW 1/4 SW 1/4
      30.8 acres SE 1/4 SW 1/4
22.8 acres NE 1/4 SE 1/4
      39.5 acres NW 1/4 SE 1/4
      27.2 acres SW 1/4 SE 1/4
      17.6 acres SE 1/4 SE 1/4
             Section 25
     14.0 acres NE 1/4 NE 1/4
      21.6 acres NW 1/4 NE 1/4
      37.6 acres SW 1/4 NE 1/4
      39.8 acres SE 1/4 NE 1/4
      23.2 acres NE 1/4 NW 1/4
      32.8 acres NW 1/4 NW 1/4
     29.5 acres SW 1/4 NW 1/4
      33.2 acres SE 1/4 NW 1/4
     37.4 acres NE 1/4 SW 1/4
      33.6 acres NW 1/4 SW 1/4
     30.0 acres SW 1/4 SW 1/4
      34.8 acres SE 1/4 SW 1/4
      35.8 acres NE 1/4 SE 1/4
      34.2 acres NW 1/4 SE 1/4
      38.0 acres SW 1/4 SE 1/4
      35.6 acres SE 1/4 SE 1/4
            Section 27
     32.8 acres NE 1/4 NE 1/4
     38.3 acres NW 1/4 NE 1/4
     32.0 acres SW 1/4 NE 1/4
     32.8 acres SE 1/4 NE 1/4
     37.9 acres NE 1/4 NW 1/4
                                               RECEIVED
     32.0 acres NW 1/4 NW 1/4
     32.0 acres SW 1/4 NW 1/4
     32.0 acres SE 1/4 NW 1/4
                                               NOV 3 0 2021
             Section 35
     31.2 acres NE 1/4 NE 1/4
                                                  OWRD
     28.0 acres NW 1/4 NE 1/4
     37.2 acres SW 1/4 NE 1/4
     28.4 acres SE 1/4 NE 1/4
     31.6 acres NE 1/4 NW 1/4
     35.6 acres NW 1/4 NW 1/4
     20.0 acres SW 1/4 NW 1/4
     17.8 acres SE 1/4 NW 1/4
            Section 36
Township 5 North, Range 27 East, WM
     30.0 acres NW 1/4 NE 1/4
     29.6 acres SW 1/4 NE 1/4
     19.6 acres SE 1/4 NE 1/4
     32.0 acres NE 1/4 NW 1/4
     32.4 acres NW 1/4 NW 1/4
     21.4 acres SW 1/4 NW 1/4
     30.7 acres SE 1/4 NW 1/4
     39.8 acres NE 1/4 SW 1/4
     33.2 acres NW 1/4 SW 1/4
     24.8 acres SW 1/4 SW 1/4
     35.2 acres SE 1/4 SW 1/4
     37.3 acres NE 1/4 SE 1/4
     39.5 acres NW 1/4 SE 1/4
     36.0 acres SW 1/4 SE 1/4
      9.4 acres SE 1/4 SE 1/4
            Section 19
```

```
31.2 acres NW 1/4 NW 1/4
     32.8 acres SW 1/4 NW 1/4
     32.0 acres NW 1/4 SW 1/4
     32.0 acres SW 1/4 SW 1/4
            Section 29
     25.2 acres NE 1/4 NE 1/4
     31.6 acres NW 1/4 NE 1/4
     14.4 acres SW 1/4 NE 1/4
     24.2 acres SE 1/4 NE 1/4
     38.0 acres NE 1/4 NW 1/4
     36.4 acres NW 1/4 NW 1/4
     39.5 acres SW 1/4 NW 1/4
     39.9 acres SE 1/4 NW 1/4
     31.6 acres NE 1/4 SW 1/4
     28.4 acres NW 1/4 SW 1/4
     37.2 acres SW 1/4 SW 1/4
     34.8 acres SE 1/4 SW 1/4
     32.4 acres NE 1/4 SE 1/4
     35.6 acres NW 1/4 SE 1/4
     37.6 acres SW 1/4 SE 1/4
     32.4 acres SE 1/4 SE 1/4
            Section 30
     26.8 acres NE 1/4 NE 1/4
     37.8 acres NW 1/4 NE 1/4
     38.4 acres SW 1/4 NE 1/4
     31.6 acres SE 1/4 NE 1/4
     32.8 acres NE 1/4 NW 1/4
     39.3 acres NW 1/4 NW 1/4
     40.0 acres SW 1/4 NW 1/4
     34.8 acres SE 1/4 NW 1/4
            Section 31
     26.4 acres NW 1/4 NW 1/4
     31.6 acres SW 1/4 NW 1/4
            Section 32
Township 5 North, Range 28 East, WM
```



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The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described. and is subject to minimum flows established by the Water Resources Commission with an effective date prior to this right.

WITNESS the signature of the Water Resources Director, affixed

this date. February 14, 1986

/s/ WILLIAM H. YOUNG
Water Resources Director

Recorded in State Record of Water Right Certificates, Volume $\ 49$, page $\ 53731$ 9298C



Attachment B

Land Use Form
Application for a Surface Water Allocation of Conserved Water
Grimmway Enterprises, Inc - Certificate 53731

Land Use Information Form



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.wrd.state.or.us

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Applicant(s): Grimmway Enterprises, Inc.; Attn: Matt Vickery

Mailing Address: PO BOX 81498

City: Bakersfield

State: CA

Zip Code: 93380

OWRD
Daytime Phone: 661-845-5761

A. Land and Location*

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	1/4 1/4	Tax Lot#	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
<u>5N</u>	<u>27E</u>	<u>25</u>	All	602	<u>EFU</u>	Diverted	□ Conveyed	☑ Used	Irrigation
<u>5N</u>	<u>27E</u>	27	SENW SWNW All NE All SE All SW	800	EFU	☐ Diverted	☑ Conveyed	☑ Used	Irrigation
<u>5N</u>	<u>27E</u>	<u>35</u>	All NW All NE	<u>690</u>	<u>EFU</u>	Diverted	☐ Conveyed	☑ Used	Irrigation
<u>5N</u>	<u>27E</u>	36	<u>All NW</u>	<u>601</u>	<u>EFU</u>	☐ Diverted	□ Conveyed	☑ Uscd	Irrigation
<u>5N</u>	<u>28E</u>	<u>19</u>	All	2200	<u>EFU</u>	Diverted	■ Conveyed	☑ Used	Irrigation
<u>5N</u>	<u>28E</u>	<u>29</u>	NWSW SWSW	<u>2600</u>	<u>EFU</u>	Diverted	○ Conveyed	☑ Used	Irrigation
<u>5N</u>	<u>28E</u>	<u>30</u>	All	2700	<u>EFU</u>	Diverted		☑ Used	Irrigation
<u>5N</u>	<u>28E</u>	<u>31</u>	NENW SENW All NE	2800	EFU	Diverted		☑ Used	Irrigation
<u>5N</u>	<u>28E</u>	<u>32</u>	NWNW SWNW	300	<u>EFU</u>	Diverted	□ Conveyed	☑ Used	Irrigation

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed: **Umatilla County** B. Description of Proposed Use Type of application to be filed with the Water Resources Department: Permit to Use or Store Water ☐ Water Right Transfer Permit Amendment or Ground Water Registration Modification ☐ Limited Water Use License Allocation of Conserved Water ☐ Exchange of Water Source of water: Reservoir/Pond Surface Water (name) ___ Ground Water Estimated quantity of water needed: 0**gallons per minute acre-feet cubic feet per second Domestic for household(s) Intended use of water: Irrigation Commercial Industrial Municipal Ouasi-Municipal Other Instream

Briefly describe:

*The lands described under Item A include the lands where the water conservation project was completed.

There will be no change in the diversion or conveyance of water; the only change is in the rate at which water is applied for irrigation.

**No 'new' water is needed for the project.

Through the completion of an on-farm efficiency project, the applicant has conserved 12.15 cfs of water. Twenty-five percent of this conserved water, 3.04 cfs, will be retained by the State of Oregon for conversion to an instream water right. The remaining 9.11 cfs of the conserved water will be used by the applicant for irrigation; however, initially, the applicant will be leasing their portion of the conserved water instream.

120

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 4. \rightarrow



For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box bel	ow and provide the requested info	rmation	
Land uses to be served by the proposed water your comprehensive plan. Cite applicable or	r uses (including proposed construction) are a dinance section(s): UCDCSaction	llowed outright	or are not regulated by (O(A) - Farm Use
	mentation of applicable land-use approvals wi mpanying findings are sufficient.) If approva	hich have alread	ly been obtained.
Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Lanc	I-Use Approval:
perints, etc.)		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
	RECEIVED	☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
	NOV 3 0 2021	☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
	OWRD	☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
Name: CAROL SOHNA Signature: CAROL SOHNA Government Entity: Constitute Constitute Note to local government representative: Pleasign the receipt, you will have 30 days from the Form or WRD may presume the land use associated to the constitute	Water Resources Department's notice date to ated with the proposed use of water is compated with the proposed use of water is compated to the proposed use of the	ow and return it return the comp ible with local	pleted Land Use Information comprehensive plans.
Receipt f	or Request for Land Use Informa	ation	- Line
Applicant name:			
City or County:			
01	Dhomo	Datas	

NOV 3 0 2021

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Attachment C

Documentation of Use
Application for a Surface Water Allocation of Conserved Water
Grimmway Enterprises, Inc - Certificate 53731

Application for Water Right **Transfer**



Evidence of Use Affidavit

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached. State of Oregon County of UMATILLA) I, MATTHEW VICKERY, in my capacity as director of Land & Water resources for Grimmway ENTERPRISES, INC, mailing address PO Box 81498, BAKERSFIELD, CA 93380 telephone number (661)845-5761, being first duly sworn depose and say: RECEIVED 1. My knowledge of the exercise or status of the water right is based on (check one): NOV 3 0 2021 Personal observation Professional expertise OWRD 2. I attest that: Water was used during the previous five years on the entire place of use for Certificate # 53731 OR My knowledge is specific to the use of water at the following locations within the last five years: Gov't Lot Acres 1/4 1/4 Certificate # Township Sec Range Mer or DLC (if applicable) OR Confirming Certificate # ____ has been issued within the past five years; **OR** Part or all of the water right was leased instream at some time within the last five years. The instream lease number is: ____ (Note: If the entire right proposed for transfer was not leased, additional evidence of use is needed for the portion not leased instream.); OR The water right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached. Water has been used at the actual current point of diversion or appropriation for more than

(continues on reverse side)

10 years for Certificate # _____(For Historic POD/POA Transfers)

NOV 3 0 2021

3. The water right was used for: (e.g., crops, pasture, etc.): Row crops

4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

Matth Vicke Signature of Affiant	$\frac{11/24/21}{Date}$	
Signed and sworn to (or affirm	ned) before me this day of	, 20
Dee attached	Notary Public for Oregon	
	My Commission Expires:	

Supporting Documents	Examples
Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
Copies of receipts from sales of irrigated crops or for expenditures related to use of water	Power usage records for pumps associated with irrigation use
* 9	Fertilizer or seed bills related to irrigated crops
	Farmers Co-op sales receipt
Records such as FSA crop reports, irrigation	District assessment records for water delivered
district records, NRCS farm management plan, or records of other water suppliers	Crop reports submitted under a federal loan agreement
records of other water suppliers	Beneficial use reports from district
	IRS Farm Usage Deduction Report
	Agricultural Stabilization Plan
	CREP Report
Aerial photos containing sufficient detail to establish location and date of photograph	Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added.
	Sources for aerial photos:
	OSU –www.oregonexplorer.info/imagery
	OWRD – www.wrd.state.or.us Google Earth – earth.google.com
	TerraServer – www.terraserver.com
Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California Kern

Subscribed and sworn to (or affirmed) before me on this 24th day of November, 2021, by Matthew Vickery

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

SARAH FIELDS

Notary Public - California

Kern County

Commission # 2237676

My Comm. Expires May 9, 2022

(Seal)

Signature

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Inventory of pumps at the Amstad River Pump Station

Pump#	Unit #	Motor Make	Volts	Motor Serial	HP	Pump Make	Stage	Bowl	GPM	TDH	Pump Serial	Type
1	PE1514	GE	2300	BKJ213027	800	National	5	E18LC	4400	596	NA	Turbine
2	PE1515	US Motors	2300	J54-00108-293	800	IDP	7	16 NKH	4400	596	W2000107	Turbine
3	PE1516	US Motors	2300	J54-00103-283	200	Vertiline	8	12RH	1300	500	W2017050	Turbine
4	PE1517	Tatung	2300	99100019	1000	Flow Serve	3	20 EKH	5700	596	NA	Turbine
5	PE1518	US Motors	2300	J54-00107-293	800	Flow Serve	7	16 ENH	4500	585	NA	Turbine
6	PE1519	US Motors	2300	J54-00106-293	800	National	7	16 NKH	4400	596	NA	Turbine
7	PE1520	WEG	460	125922 03 04	1000	Fairbanks	7	17-H	5700	596	NA	Turbine
8	PE1521	US Motors	2300	J54-00104-290	600	Johnston	5	18	3300	596	W2002079	Turbine

TOTALS	6000 HP	Design Pumping	33,700	gpm
		Rate	75.08	cfs



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River Station Inventory 2020 Amstad River Pump Station Capacity.xlsx Updated: 06/11/20

Pump Capacity Calculation Sheet

using Department designed formula:

(hp)(efficiency) / (lift + psi head) = capacity in cfs

Efficiency:

Centrifugal = 6.61 Turbine = 7.04

Data Entry (fill in underlined blanks)

Notes

HP =	6000
Efficiency =	7.04
Lift =	15
PSI =	210

Total horsepower of pumps
All pumps are line shaft turbines
Estimated lift from water surface to pump discharge
Pressure in combined discharge pipe immediately downstream
of pump (all downstream lift is reflected in this pressure)

Results Calculated

(hp)(efficiency) =	42240
Head based on psi =	533.5
Total dynamic head =	548.5
(head + lift)	

Pump Capacity =

77.01 feet per second 34,565 gallons per minute

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Attachment D

Affidavit of Consent by Landowner
Application for a Surface Water Allocation of Conserved Water
Grimmway Enterprises, Inc - Certificate 53731



ACW- Revised 5/1/2020

Application for Allocation of Conserved Water Consent by Deeded Landowner

State of Oregon)		
) ss.		
County of <u>Umatilla</u>)		
H/We, Onyx Land Company LLC, in our capacity as	Landowner, mailing address, 9100 Ming	Avenue,
Suite 120, telephone number 661-587-5198, duly	y sworn depose and say, ⊬We consent to	the
proposed change(s) to water right Certificate nur	mber(s) <u>53731</u> , in the conserved water ap	plication
submitted by <u>Grimmway Enterprises</u> , <u>Inc.</u> , for the	e property located in tax lot number(s):	
5N27000000800, 5N27000000690, 5N270000006	501, 5N27000000602, Section 25, 27, 35,	<u>36</u> ,
Township <u>5</u> N/ S, Range <u>27</u> E/W, W.M., and tax lo	t number(s) <u>5N28C00006701, 5N28C0000</u>	<u>06603,</u>
5N28C00001300, 5N28C00001401, 5N28C000012	<u>200,</u> Section <u>19, 30, 31</u> , Township <u>5</u> N√S , F	Range <u>28</u>
E/W, W.M., located at: 28325 Potato Lane, Umat	illa, Oregon 97882 (site address). The chang	e(s)
is/are for: \boxtimes rate reduction, \square point of diversi	ion, 🔲 place of use.	
Onyx Land Company, LLC (a Delaware limited liab	REC	EIVED
By: Legacy Farm Management LLC, its Manager		3 0 2021
By: Tracy Saiki, Property Manager		
Λ	OV	NRD
2	(1-23-21	
Signature of Affiant	Date	
Subscribed and Sworn to before me this	s day of , 2020.	
See attached	Notary Public for Oregon	
	My commission expires:	

certifica who sign is attach	y public or other officer completing this te verifies only the identity of the individual ned the document to which this certificate ned, and not the truthfulness, accuracy, or of that document.
County	California Gern
Subscrib	ped and sworn to (or affirmed) before me on this 23 rd November, 2021, by Tracy Saiki
•	o me on the basis of satisfactory evidence to be the s) who appeared before me.
INNA 1	SARAH FIELDS Notary Public - California Kern County Commission # 2237676 My Comm. Expires May 9, 2022
(Seal)	Signature Suchfields

NOV 3 0 2021

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Attachment E

Place of Use Involved in Conservation Measures
Application for a Surface Water Allocation of Conserved Water
Grimmway Enterprises, Inc - Certificate 53731

								Gvt Lot		Type of Use listed on	NOV B 0
Tow	nship	Rai	nge	Section	QQ	Q	Tax Lot	or DLC	Acres	Certificate	Priority Date VR
5	N	27	E	25	NW	NW	602		32.4	Irrigation	4/2/1973
5	N	27	Е	25	NE	NW	602		30.7	Irrigation	4/2/1973
5	N	27	Е	25	SE	NW	602		38.4	Irrigation	4/2/1973
5	N	27	Е	25	SW	NW	602		33.6	Irrigation	4/2/1973
5	N	27	Е	25	NW	NE	602		34	Irrigation	4/2/1973
5	N	27	E	25	NE	NE	602		30	Irrigation	4/2/1973
5	N	27	E	25	SE	NE	602		32.4	Irrigation	4/2/1973
5	N	27	E	25	SW	NE	602		39.2	Irrigation	4/2/1973
5	N	27	Е	25	NW	SE	602		39.5	Irrigation	4/2/1973
5	N	27	E	25	NE	SE	602		22.8	Irrigation	4/2/1973
5	N	27	E	25	SE	SE	602		17.6	Irrigation	4/2/1973
5	N	27	E	25	SW	SE	602		27.2	Irrigation	4/2/1973
5	N	27	E	25	NW	SW	602		32.8	Irrigation	4/2/1973
5	N	27	E	25	NE	SW	602		38.2	Irrigation	4/2/1973
5	N	27	E	25	SE	SW	602		30.8	Irrigation	4/2/1973
5	N	27	E	25	SW	SW	602		32.4	Irrigation	4/2/1973
5	N	27	E	27	SE	NW	800		33.2	Irrigation	4/2/1973
5	N	27	E	27	SW	NW	800		28.3	Irrigation	4/2/1973
5	N	27	E	27	NW	NE	800		11.5	Irrigation	4/2/1973
5	N	27	E	27	NE	NE	800		14	Irrigation	4/2/1973
5	N	27	E	27	SE	NE	800		39.8		4/2/1973
5	N	27	E	27	SW	NE	800		37.6	Irrigation	
		27								Irrigation	4/2/1973
5	N		E	27	NW	SE	800		34.2	Irrigation	4/2/1973
5	N	27	E	27	NE	SE	800		16.7	Irrigation	4/2/1973
5	N	27	E	27	SE	SE	800		8.9	Irrigation	4/2/1973
5	N	27	E	27	SW	SE	800		38	Irrigation	4/2/1973
5	N	27	E	27	NW	SW	800		33.6	Irrigation	4/2/1973
5	N	27	E	27	NE	SW	800		37.4	Irrigation	4/2/1973
5	N	27	E	27	SE	SW	800		6.7	Irrigation	4/2/1973
5	N	27	E	27	SW	SW	800		1.8	Irrigation	4/2/1973
5	N	27	E	35	NW	NW	690		32	Irrigation	4/2/1973
5	N	27	E	35	NE	NW	690		31.7	Irrigation	4/2/1973
5	N	27	E	35	SE	NW	690		32	Irrigation	4/2/1973
5	N	27	E	35	SW	NW	690		32	Irrigation	4/2/1973
5	N	27	E	35	NW	NE	690		32.5	Irrigation	4/2/1973
5	N	27	E	35	NE	NE	690		32.8	Irrigation	4/2/1973
5	N	27	E	35	SE	NE	690		32.8	Irrigation	4/2/1973
5	N	27	E	35	SW	NE	690		32	Irrigation	4/2/1973
5	N	27	E	36	NW	NW	601		35.6	Irrigation	4/2/1973
5	N	27	E	36	NE	NW	601		16.4	Irrigation	4/2/1973
5	N	27	E	36	SE	NW	601		9.1	Irrigation	4/2/1973
5	N	27	E	36	SW	NW	601		20	Irrigation	4/2/1973
5	N	28	E	19	NW	NW	2200		32.4	Irrigation	4/2/1973
5	N	28	E	19	NE	NW	2200		32	Irrigation	4/2/1973
5	N	28	E	19	SE	NW	2200		17.3	Irrigation	4/2/1973
5	N	28	Е	19	SW	NW	2200		21.4	Irrigation	4/2/1973
5	N	28	Е	19	NW	NE	2200		30	Irrigation	4/2/1973
5	N	28	Е	19	SE	NE	2200		19.6	Irrigation	4/2/1973
5	N	28	E	19	SW	NE	2200		25.5	Irrigation	4/2/1973
5	N	28	Е	19	NW	SE	2200		38.9	Irrigation	4/2/1973
5	N	28	Е	19	NE	SE	2200		37.3	Irrigation	4/2/1973

Place of Use Involved in Conservation Measures

										Type of Use	
								Gvt Lot		listed on	
Tow	nship	Rai	nge	Section	QQ	Q	Tax Lot	or DLC	Acres	Certificate	Priority Date
5	N	28	Е	19	SE	SE	2200		7.9	Irrigation	4/2/1973
5	N	28	Е	19	SW	SE	2200		8.5	Irrigation	4/2/1973
5	N	28	Е	19	NW	SW	2200		33.2	Irrigation	4/2/1973
5	N	28	E	19	NE	SW	2200		38.4	Irrigation	4/2/1973
5	N	28	Е	19	SE	SW	2200		28.8	Irrigation	4/2/1973
5	N	28	Е	19	SW	SW	2200		24.8	Irrigation	4/2/1973
5	N	28	Е	29	NW	SW	2600		32	Irrigation	4/2/1973
5	N	28	E	29	SW	SW	2600		32	Irrigation	4/2/1973
5	N	28	Е	30	NW	NW	2700		36.4	Irrigation	4/2/1973
5	N	28	Ε	30	NE	NW	2700		38	Irrigation	4/2/1973
5	N	28	Е	30	SE	NW	2700		39.9	Irrigation	4/2/1973
5	N	28	Ε	30	SW	NW	2700		39.5	Irrigation	4/2/1973
5	N	28	Е	30	NW	NE	2700		31.6	Irrigation	4/2/1973
5	N	28	Е	30	NE	NE	2700		16.5	Irrigation	4/2/1973
5	N	28	Е	30	SE	NE	2700		4.2	Irrigation	4/2/1973
5	N	28	Е	30	SW	NE	2700		14.4	Irrigation	4/2/1973
5	N	28	Е	30	NW	SE	2700		35.6	Irrigation	4/2/1973
5	N	28	Ε	30	NE	SE	2700		32.4	Irrigation	4/2/1973
5	N	28	Е	30	SE	SE	2700		32.4	Irrigation	4/2/1973
5	N	28	Е	30	SW	SE	2700		37.6	Irrigation	4/2/1973
5	N	28	E	30	NW	SW	2700		9	Irrigation	4/2/1973
5	N	28	Е	30	NE	SW	2700		31.6	Irrigation	4/2/1973
5	N	28	Е	30	SE	SW	2700		34.8	Irrigation	4/2/1973
5	N	28	Е	30	SW	SW	2700		36	Irrigation	4/2/1973
5	N	28	Е	31	NE	NW	2800	1	28.5	Irrigation	4/2/1973
5	N	28	Е	31	SE	NW	2800		30.9	Irrigation	4/2/1973
5	N	28	Е	31	NW	NE	2800		37.8	Irrigation	4/2/1973
5	N	28	Е	31	NE	NE	2800		26.8	Irrigation	4/2/1973
5	N	28	Е	31	SE	NE	2800		31.6	Irrigation	4/2/1973
5	N	28	Е	31	SW	NE	2800		38.4	Irrigation	4/2/1973
5	N	28	Е	32	NW	NW	300		26.4	Irrigation	4/2/1973
5	N	28	Е	32	SW	NW	300		31.6	Irrigation	4/2/1973

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