

State of Idaho
Department of Water Resources
Water Right License
Water Right No. 2-10565

Priority: July 18, 2018

Maximum Diversion Rate: 0.15 CFS

It is hereby certified that:

LARRY A STEINER 10658 HWY 78 MELBA ID 83641

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated July 18, 2018, and has submitted Proof of Beneficial Use on March 21, 2023. An examination confirms water is diverted from:

Source : SNAKE RIVER

Tributary: COLUMBIA RIVER

Beneficial Use

IRRIGATION

Period of Use

03/01 to 11/15

Rate of Diversion

0.15 CFS

Location of Point(s) of Diversion

SNAKE RIVER SW¼ SE¼, Sec. 8, Twp 01N, Rge 03W, B.M. OWYHEE County

Place of Use: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	03W	8												1.2 L1			3.2 L1		4.4
01N	03W	8															0.6		0.6

Total Acres: 5.0

Conditions of Approval

1. This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.
2. After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to use power records to determine the amount of water diverted and shall annually report the information to the Department.
3. The point of diversion and place of use for this water right are unsurveyed accretion land. The quarter-quarter description has been protracted from the adjacent public land survey.
4. When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.

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MAY 26 2023

State of Idaho
Department of Water Resources
Water Right License
Water Right No. 2-10565

This license is issued pursuant to the provisions of Idaho Code § 42-219. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed this 22nd day of May, 20 23.



SCOTT STORMS
Water Rights Supervisor



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State of Idaho
Department of Water Resources
Attachment to Water Right
2-10565

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

03W



0 0.04 0.08 0.16 Miles

- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters
- Point of Diversion

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RECEIVED
MAR 21 2023
WATER RESOURCES
WESTERN REGION

RECEIVED
MAR 23 2023
DEPARTMENT OF
WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
STATEMENT OF COMPLETION
FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY
Amt. of Fee \$ 50.00
Receipt No. WOS1089
Received By DM
Date Received 3-21-23

The Idaho Department of Water Resources (Department) considers this form a statement that the permit holder(s) applied water to beneficial use and completed development of a water right to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner (CWRE).** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, complete a Notice of Change in Water Right Ownership form. If you wish to relinquish your permit because you have not established the authorized water use and are not applying for an extension, please notify the Department in writing.

1. Permit No. 2-10565 Name of Permit Holder(s) LARRY A. STEINER
Telephone No. 208 896 5911 Email CYNICALSWISSBOY@FRONTIER.COM
Mailing Address 10658 Hwy 78 City MELBA State ID Zip 83641

2. Source of Water SNAKE RIVER If Ground Water (well), Date Drilled mo. ____ / yr. ____
Drilling Permit/Tag No. ____ Drilling Company's Name ____

3. Extent of use(s) completed as authorized by the water right permit:

Domestic (No. households) ____ Irrigation (No. acres) 5 Stockwater (No. and stock type) ____
Other ____

4. Total diversion rate or volume (storage only) for which proof is submitted 0.15 cfs OR ____ af
If the total developed water use is 5 acres of irrigation or less, is stockwater storage of 14.6 acre-feet or less, or has a diversion rate of less than 0.24 cfs, attach a map of the place of use and point of diversion and photographs showing beneficial use.

5. Describe the diversion and delivery system from the water source to the use (pump, lift, irrigation method, etc.)

Pump

6. Permit condition compliance. Refer to the permit approval conditions and check all the items required, then check "Yes" or "No" to indicate whether the required items were established, submitted, and/or installed:

Required? Yes No (If "Yes", attach required data, evidence of compliance, or evidence of installation)

- | | | |
|--------------------------|-------------------------------------|---|
| ☐ | ☒ | Ground water level data, pumping information, or other diversion data |
| ☐ | ☒ | Mitigation plan |
| ☐ | ☒ | Lockable controlling works |
| ☐ | ☒ | Measuring device |
| ☐ | ☒ | Fish screen |
| ☐ | ☒ | Other requirements of the water right permit |
| ☐ | ☒ | Reasonably Anticipated Future Needs ("RAFN") Municipal use |

If RAFN Municipal use, additional increment of beneficial use developed? ☐ Yes (attach CWRE report) ☐ No

7. Fee Enclosed \$ 50 or ☐ CWRE field report attached or ☐ No fee required

See fee schedule on page 3 of the instructions. Proof statements filed without an appropriate fee are incomplete.

8. Person to contact to accompany a Department representative during the field examination of the water system:

Name: _____ Telephone No. _____ Email _____
Mailing Address _____ City _____ State _____ Zip _____

The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

[Signature]
SIGNATURE OF PERMIT HOLDER*

LARRY A. STEINER
PRINTED NAME AND TITLE

3-21-23
DATE

*Attach power of attorney if completing on behalf of permit holder.

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MAR 29 2023

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QP4TKT28 Diesel Pump on Trailer

QP4TK Diesel Pump on a Multiquip TRLRMPXFP Trailer w/ 28 GAL fuel cell

The trusted performance from the QP4TK Trash Pump mounted on a Multiquip DOT/NHSTA qualified trailer w/ 28 GAL fuel tank provides flexible transportation and quick response to demanding dewatering applications such as: excavations, emergency response to flood waters, sewage by-pass, water transfer, and barge cleaning.

- Rugged aluminum casings to promote fast priming times.
- DOT/NHTSA approved trailer - Made in the U.S.A.
- Industrial lifting bale.
- Powerful, EPA/CARB Certified 9.5HP KUBOTA diesel engine.
- Electric start for operating convenience.
- Engineered for 475 GPM flow rate.
- Maximum Head - 85'.
- Pumps water with solid content as large as 2" in diameter.
- Dual 4" discharge ports for operational and application flexibility.
- Silicon/carbon mechanical seal for durability.
- Large clean-out chamber design for efficient.
- #45 Ductile iron impeller and volute for abrasion resistance/long life.
- Shock mounted pump design to minimize operating harmonics.

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- Run time (28 GAL fuel tank) @ 44 hours.

Unit Specifications		
Suction x Discharge	4 x 4 in 100 x 100 mm	
Max. Water Capacity	475 gpm	2000 lpm
Max. Lift	25 ft	7.6 m
Max. Head	85 ft	26 m
Dimensions & Weights		
Overall Length	102 in	2591 mm
Overall Width	57 in	1448 mm

Notice: Features and equipment specifications are subject to change without notice.

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Western Region • 2735 W Airport Way • Boise, ID 83705-5082

Phone: 208-334-2190 • Fax: 208-334-2348 • Email: westerninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

May 23, 2023

LARRY A STEINER
10658 STATE HIGHWAY 78
MELBA ID 83641-4121

RE: License No. 2-10565

ISSUANCE OF LICENSE

Dear Water Right Holder(s):

The Department of Water Resources ("Department") has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review all the conditions of approval listed on your license. The conditions may include ongoing requirements, such as maintenance of a measuring device or implementation of mitigation, as well as information about how your water use may be administered, such as regulation by a watermaster in a water district.

The license is a PRELIMINARY ORDER issued by the Department pursuant to Rule 730 of the Department's Rules of Procedure (IDAPA 37.01.01.730). It can and will become a final order without further action by the Department unless a party petitions for reconsideration, files exceptions, or requests a hearing as described in the enclosed information sheet.

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Water right forms are available from any office of the Department or on the Department's website at idwr.idaho.gov

If you have any questions concerning the enclosed information, please contact me at (208) 605-4624.

Sincerely,


for Scott Storms
Water Rights Supervisor

Enclosure(s)

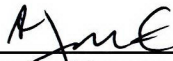
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MAY 26 2023

CERTIFICATE OF SERVICE

I hereby certify that on May 23, 2023, I served a true and correct copy of Water Right License No. 2-10565 by U.S. Mail, postage prepaid, to the following:

LARRY A STEINER
10658 STATE HIGHWAY 78
MELBA ID 83641-4121



Lynne Evans
Administrative Assistant I

EXPLANATORY INFORMATION TO ACCOMPANY A PRELIMINARY ORDER

(To be used in connection with actions when a hearing was **not** held)

(Required by Rule of Procedure 730.02)

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. **It can and will become a final order without further action of the Department of Water Resources ("department") unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:**

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. **Note: the petition must be received by the department within this fourteen (14) day period.** The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after: (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the Department or the Water Resource Board is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the Department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its service date if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) The petition for reconsideration is disposed of; or
- (b) The petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 2-10565
Exam Date: 05/11/2023

1. Current Owner:
LARRY A STEINER 10658 HWY 78 MELBA ID 83641
2. Accompanied by: Larry Steiner
Phone No: 208-896-5911
Address: 10658 Hwy 78 Melba, Id 83641
Relationship to permit Holder: Permit Holder

3. **SOURCE:**
SNAKE RIVER

Tributary
COLUMBIA RIVER

Method of Determination: Field observation/exam performed

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
N/a			

Comments: No other water rights overlap the place of use.

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
N/a			

Comments: No other water rights overlap the point-of-diversion.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

SNAKE RIVER SW¼ SE¼, Sec. 8, Twp 01N, Rge 03W, B.M. OWYHEE County

Method of Determination:

PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	03W	8												1.2 L1			3.2 L1		5.0
01N	03W	8															0.6		0.6

Total Acres: 5.0

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Method of Determination:

- 3.
- ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Kubota	9.5	Model # QP4TKT16		4"

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

Flow calculations were determined by using the Hazen Williams Method for Friction Head loss calculations and the Horsepower equation worksheet. The specifications for the pump manufacturer (Kubota QP4TK) manufacturers information came from the Multiquip website at www.multiquip.com. The sprinklers specification information from the manufacturer was gathered from the Big sprinkler website at www.bigsprinkler.com. The pump is a 9.5 hp diesel fueled Kubota QP4TKT16 with a pumping level at 22.5 feet. The friction was calculated at 3.04 leaving the average rate of flow at 0.49 cfs with a discharge PSI ranges at 35,40, and 50.

License recommendation is 0.15 cfs

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F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5.0 \times 4.5 = 22.5$$

$$V_{D.R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.15\text{cfs} \times 260 \times 1.9835 = 77.36$$

$$V = \text{Smaller of } V_{I.R} \text{ and } V_{D.R} = 22.5 \text{ af/y}$$

2. Volume Calculations for Other Uses: None

G. NARRATIVE/REMARKS/COMMENTS

IDWR staff Clint Lindow conducted a field on Thursday, May 11, 2023, at around 11:00 accompanied by Larry Steiner (permit holder). Current tax lot data represents that the permit holder owns the land at the permitted Place of Use (POU) and the Point of Diversion (POD) in Lot 1 (SW ¼ SE ¼), SW ¼ SE ¼, and Lot 1 (SE ¼ SW ¼) of Section 8.

The permit authorized irrigation of up to a total of 5.0 acres within Lot 1 (SWSE) and Lot 1 (SESW) of Section 8, T01N, R03W. During the field exam, the location of the POD and 0.6 acres of the POU were confirmed as located on accretion lands described as the SWSE Sec. 8 T01N, R03W in the IDWR database PLS database. In reviewing the application, it is clear this was the location applied for as well. Since there was no physical change in the location of the POU and POD, the descriptions were updated on the license recommendation to reflect these legal descriptions. There is no overlapping water rights present on water right no. 2-10565. During the field examination I determined that that full 5.0 acres has been fully developed for beneficial use described in the permit. Water is being pumped out of the snake river onto property located in Owyhee County in Township 01N Range 03W Section 8 SESW, SWSE. The permit holder, Larry Steiner, uses a 9.5 hp Kubota pump with a 20ft section of 4-inch camlock PVC suctioning hose pulling water from the snake river located in Melba, Idaho. A fifty-foot section of a 4-inch camlock lightweight hose attached to a 4-inch PVC pipe that goes underground 200 feet with a lift of 22.5 feet just below the how. Next, the 4-inch underground PVC pipe migrates northwest to a camlock water spout attaching a fifty foot 4inch camlock lightweight hose, red in color, attaching to (1) Sime Hidra sprinkler with a 10mm (.39") head on a sprinkler cart. The PVC pipe continues 320 feet west to camlock spout number (2) attaching a fifty-foot 4inch camlock lightweight hose, red in color, attaching to (1) Sime Hidra sprinkler with a 10mm (.39") head on a sprinkler cart.

The permit holder, Larry Steiner, irrigates every Monday and Friday for a twenty-four-hour period from 7am to 7am the following day irrigating from 3/01 to 11/15. The permit holder, Larry Steiner, utilizes just these two sprinkler carts moving around multiple times to irrigate his Place of Use.

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Condition Descriptions

Conditions 26A was removed, 931 was added to describe accretion land QQs, and condition 121 has been removed and changed to condition 103.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	
IRRIGATION	03/01 to 11/15	0.15 CFS	

Totals: 0.15 CFS

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION

Clint Lindow -

Field Examiner's Name Clint Lindow Date 5-22-23

Reviewer [Signature] Date 5/22/2023

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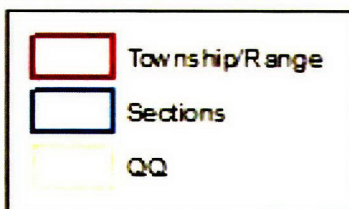
MAY 26 2023

State of Idaho
Department of Water Resources
Delivery System Diagram
Water Right(s): 2-10565

Permit Holder: Larry Steiner



0 0.035 0.07 0.14 Miles



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THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 2-10565
 Examiner: Clint
 Date of Field Exam: 5/11/2023

	Option 1	OPTION 2	OPTION 3	
P/D No.:				
PUMP HORSEPOWER	9.5	9.5	9.5	
BOOSTER HORSEPOWER	0	0	0	
PUMPING LEVEL	22.5	22.5	22.5	
DISCHARGE PRESSURE	35	40	50	
FRICTION	3.26	3.26	3.26	
RATE OF FLOW (cfs)	0.55	0.50	0.41	AVE
(gpm)	246.4	222.3	185.9	0.49

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.

Examiners Notes:

Lift was taken from well log. Hp was found during site visit. A standard psi for domestic use of 35 to 50 psi was used to estimate the pressure against the pump.

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Friction Head Loss Calculator Hazen-Williams Method

[Read Me](#)

$$h_f = \frac{10.44(L)(Q)^{1.85}}{(C)^{1.85} d^{4.8655}}$$

Required Input

L = 985 feet (length of pipe)
Q = 64 gpm (flow rate)
d = 4 inches (inside diameter of pipe)

Select Pipe Material Type

plastic (PVC or ABS) ▼

C = 130 unitless (Hazen-Williams Roughness Coeff.)

Output

$h_f = 3.26$ feet (frictional head loss)
or
 $h_f = 1.41$ psi (frictional head loss)

Table 1 Hazen Wi

Index No.

1
2
3
4
5
6
7
8
9
10
11
12

**Values taken,*

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Williams Roughness Coefficients*

Material Type	Design Value
steel, welded and seamless	100
concrete	100
cement-asbestos	140
vitrified clay	110
brick sewer	100
cast iron, plain	100
cast iron, tar (asphalt) coating	100
copper or brass	130
wood stave	110
lead, tin, glass	130
plastic (PVC or ABS)	130
fiberglass	150

from Lindeburg (1999) CE Reference Manual, Ap. 17.A

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Circle Operation
Part#**AMBO**

AMBO w/ 7mm (.28") Diffusor Nozzle (30° Trajectory) 1.5" FNPT Connection

PSI	Nozzle 8mm (.31")		Nozzle 10mm (.39")		Nozzle 12mm (.47")		Nozzle 14mm (.55")		Nozzle 16mm (.63")	
	GPM	Diameter	GPM	Diameter	GPM	Diameter	GPM	Diameter	GPM	Diameter
35	29	120	39	126	50	134	64	142	79	146
40	31	124	41	132	54	140	68	148	85	152
50	35	132	46	144	60	152	76	162	95	164
60	39	140	51	152	66	166	83	172	104	176
70			55	158	71	178	90	184	112	188

Sime Hidra Sprinkler

Specifications: Flow Range: 40-140 gal/min., Coverage: Up to 225' diameter,
Construction: Aluminum with Brass Lower Turning Union, Trajectory: 25°, Inlet Size:
1.5" Female Standard Pipe Thread, Nozzle Sizes Included: 10, 12, 14, & 16 mm
Features and Benefits: Quick Change Nozzles, Jet Stream Breaker, Easy Adjustable
Stops for Full or Part Circle Operation

Part#**HIDRA**

HIDRA w/ 5mm (.24") Diffusor Nozzle (25° Trajectory) 1.5" FNPT Connection

PSI	Nozzle 10mm (.39")		Nozzle 12mm (.47")		Nozzle 14mm (.55")		Nozzle 16mm (.63")		Nozzle 18mm (.63")	
	GPM	Diameter	GPM	Diameter	GPM	Diameter	GPM	Diameter	GPM	Diameter
35	32	124	44	142	57	148	73	154		
40	35	130	47	150	61	158	78	164	97	178
50	39	142	52	166	69	176	87	182	106	
60	43	156	57	180	75	192	96	200	119	206
70	46	168	62	192	81	200	103	212	126	
80	-	-	-	-	-	-	-	-	137	130

Sime Senior Sprinkler

Specifications: Flow Range: 35-160 gal/min., Coverage: Up to 260' diameter,
Construction: Aluminum with Brass Lower Turning Union, Trajectory: 25°, Inlet Size:
2" Female Standard Pipe Thread, Nozzle Sizes Included: 14, 16, 18, 20, & 22
(Optional Nozzles: 10 mm & 12 mm)
Features and Benefits: Quick Change Nozzles, Jet Stream Breaker, Easy Adjustable

Like Share [Sign Up](#) to see what your friends like.

Performance Data

Options

Unit Specifications

Suction x Discharge 4 x 4 in
100 x 100 mm
Max. Water Capacity 475 gpm 2000 lpm
Max. Lift 25 ft 7.6 m
Max. Head 85 ft 26 m
Max. Pressure 37.7 psi 0 kPA
Max. Solid Intake 2 in 51 mm
Fuel Tank Capacity 16 GAL qt 60.5 L
Notes: Trailer Model: TRLRMP16FP

Dimensions & Weights

Overall Length 102 in 2591 mm
Overall Width 57 in 1448 mm
Overall Height 67 in 1702 mm
Operating Weight 735 lb 333 kg

Notice: Features and equipment specifications are subject to change without notice.

Visit our [Service & Support Center](#) for:

- **Documentation**
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[QP4TZT10P-TMP16F-TMPXF-rev-ops-manual](#) [QP-Series-Ops-Spanish](#) [QP4TZT10P-TMP16F-TMPXF-rev-2-parts-manual](#) [QP4TZT10P-TMP16F-TMPXF-rev-2-ops-manual](#) [QP4TZT10P-TMP16F-TMPXF-rev-2-parts-manual](#)

Related Media

[Pump Selection Handbook](#) [QP3TS Product Introduction](#) [QPT3Ti Trash Pump Brochure](#) [Trash Pumps Brochure](#)
[Folleto de Bombas para Basura](#)

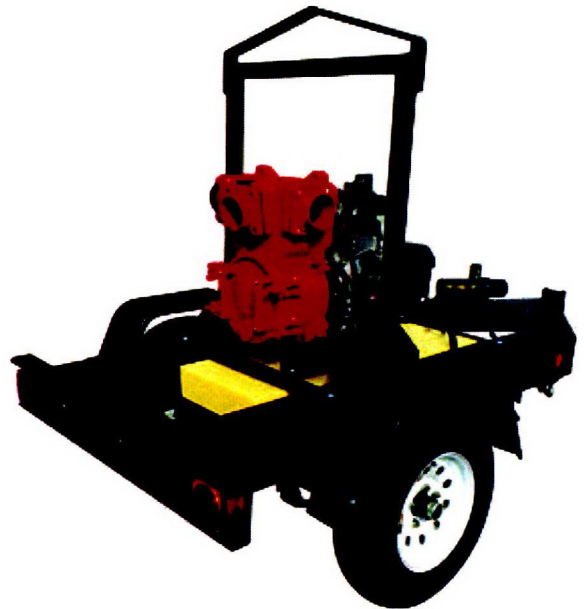
Related Products

[MQ600HM](#)[MQ600HT](#)[BMQ600HT](#)[PMQ62TK](#)[SQP2TK](#)[QP3TK](#)[QP4TK](#)[QP4TKT28](#)
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QP4TKT16

QP4TK Pump mounted on Multiquip TRLRMP Trailer w/ 16 GAL fuel cell

The trusted performance from the QP4TK Trash Pump mounted on a Multiquip DOT/NHSTA qualified trailer with a 16 GAL fuel capacity provides flexible transportation and quick response to demanding dewatering applications such as: excavations, emergency response to flood waters, sewage by-pass, water transfer, and barge cleaning.



- **Rugged aluminum casings to promote fast priming times.**
- **DOT/NHTSA approved trailer – Made in the U.S.A.**
- **Industrial lifting bale.**
- **Powerful, EPA/CARB Certified 9.5HP KUBOTA diesel engine.**
- **Electric start for operating convenience.**
- **Engineered for 475 GPM flow rate.**
- **Maximum Head - 85'.**
- **Pumps water with solid content as large as 2" in diameter.**
- **Dual 4" discharge ports for operational and application flexibility.**
- **Silicon/carbon mechanical seal for durability.**
- **Large clean-out chamber design for efficient.**
- **#45 Ductile iron impeller and volute for abrasion resistance/long life.**
- **Shock mounted pump design to minimize operating harmonics.**
- **Run time (16 GAL fuel tank) @ 25 hours.**

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Blue 4" x 50' Camlock Lightweight Hose



Price: **\$161.90**

Stock Level: 4

Product Status: Limited Stock

When Will it Ship: May 12, 2023 (Order by 4p ET)

Shipping Cost: Free Shipping

Transit Time: 2 to 5 Business Days

Eligible for Express Shipping: Yes

Stock Level Updated: May 11, 2023

Item Number: 40BD50CE

Weight: 33.0 lb

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4.8 ★★★★★
Google MAY 26 2023
Customer Reviews

- Hose Size - 4 inches
- Hose Length - 50 feet
- Male Camlock Coupling - Aluminum 4 inch (O.D. - 4.724) - Type "E" Shank
- Female Camlock Coupling - Aluminum 4 inch (I.D. - 4.763) - Type "C" Shank
- Maximum Pressure - 50 psi
- **NOT for Closed Pressure Applications**
- Tube - Blue Lay Flat PVC
- Approximate wall thickness - 0.071"
- Weight per foot - 0.54 pounds
- Type of use - water
- Working temperature - 150 degrees F to -14 degrees F

Blue lightweight lay flat PVC discharge hose with cam & groove quick connect fittings is rated for light duty. This hose is designed to be used in lower range water pressure situations having a maximum pressure of 50 psi. This pump discharge hose is constructed from blue PVC and reinforced by polyester yarn. Popular hose for general outdoor low pressure discharge applications. Not intended for indoor use, firefighting or closed pressure applications such as use with nozzles.

Specifications:

- A lightweight PVC water discharge hose featuring PVC tube and cover
- Hose is reinforced with two spiral plies and longitudinal synthetic cords
- Not intended for use as a fire hose
- ***Used for open ended discharge applications only***

Applications Include:

- Open discharge
- Agriculture
- Irrigation
- Construction
- Industrial

Camlocks

- Type "A", has a male camlock and a female pipe thread of the same size.
- Type "B", has a female camlock and a male pipe thread of the same size.
- Type "C", has a female camlock and a male hose shank on the other.

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- Type "D", has a female camlock and a female pipe thread of the same size.
- Type "E", has a male camlock and a male hose shank on the other.
- Type "F", has a male camlock and a male pipe thread of the same size.

 "Camlock

Warning: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer/birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

[Download Spec Sheet](#) 

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Water Suction & Discharge Hoses

3 products

Combination water suction and discharge hoses are used to vacuum (suction) or pump (discharge) water from one location to another. These hoses have rigid reinforcement that helps the hose keep its shape when not in use and prevents it from collapsing in suction applications. Water suction and discharge hoses are used in construction, mining, agricultural, and industrial applications.

Clear All



EPDM Bulk Water Suction & Discharge Hoses with Spiral-Plied...



EPDM Water Suction & Discharge Hose Assemblies with...



EPDM Water Suction & Discharge Hose Assemblies with...



PVC Bulk Water Suction & Discharge Hoses with PVC Cover &...



PVC Bulk Water Suction & Discharge Hoses with PVC Helix...



PVC Water Suction & Discharge Hose Assemblies with Rigid PVC Helix...



PVC Water Suction & Discharge Hose Assemblies with Synthetic...

Clear All Hose Inside Dia. 3/4 in X 4 in X

PVC Bulk Water Suction & Discharge Hoses with PVC Helix Reinforcement



These PVC (polyvinyl chloride) bulk water suction and discharge hoses are used to vacuum water in construction, industrial, and agricultural applications. The hoses are made from PVC, which provides good flexibility and good resistance to chemicals. They have rigid PVC helix reinforcement that helps them keep their shape when not in use and prevents the hoses from collapsing in suction applications. Bulk hoses can be cut to the desired length, and compatible hose fittings can be added to the ends of the hoses to create custom hose assemblies.

↑ Hose Inside Dia.	Max. Working Pressure @ 70 F	Temp. Range	Hose Color
3/4 in	115 psi	-40° to 150°F	Blue; Clear
4 in	50 psi	-10° to 130°F	Clear; White
4 in	55 psi	-40° to 150°F	Blue; Clear

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Fig. 1 – Location of the P. Located in T01N 03W section 8 SWSE QQ. Facing North.

GPS'd at:

43° 25' 52.80" N

116° 43' 10.31" W



Fig. 2 – Picture of 4" 20 ft section of PVC suctioning hose drafting water from the Snake river in Melba, Idaho for irrigation. Facing East.

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Fig. 3 - Picture of 4" PVC
suctions with a 4' ½" lift from
the Snake river to pump
located in T01N 03W section 8
SWSE QQ. Facing East.



Fig. 4 - Picture of 4' Camlock hose
from pump tying into 4" PVC pipe
that leads towards house 250 feet
in T01N 03W section 8 SWSE SE NW
QQ. Facing West.



Fig. 5 – Irrigated acres located in T01N 03W section 8 SWSE QQ in the Northeast section of Place of use. Facing West.



Fig. 6 – Picture of Sime Hidra sprinkler on cart connected to a 50ft 4" camlock lightweight hose irrigating facing south.



Fig. 7 – Picture of the only two sprinklers being used to irrigate the Place of Use. These sprinklers with carts and are moved multiple times during irrigating to cover the place of use. Facing West.



Fig. 8 –picture of the 1st sprinkler. It is a Sime Hydra sprinkler with a 10mm head. of the POU. Facing North.



Fig. 9 – Picture of Sprinkler No. 2 irrigating the western section of the Place of Use. Facing West.



Fig. 10 - picture of the 2nd sprinkler. It is a Sime Hydra sprinkler with a 10mm head. of the POU. Facing North

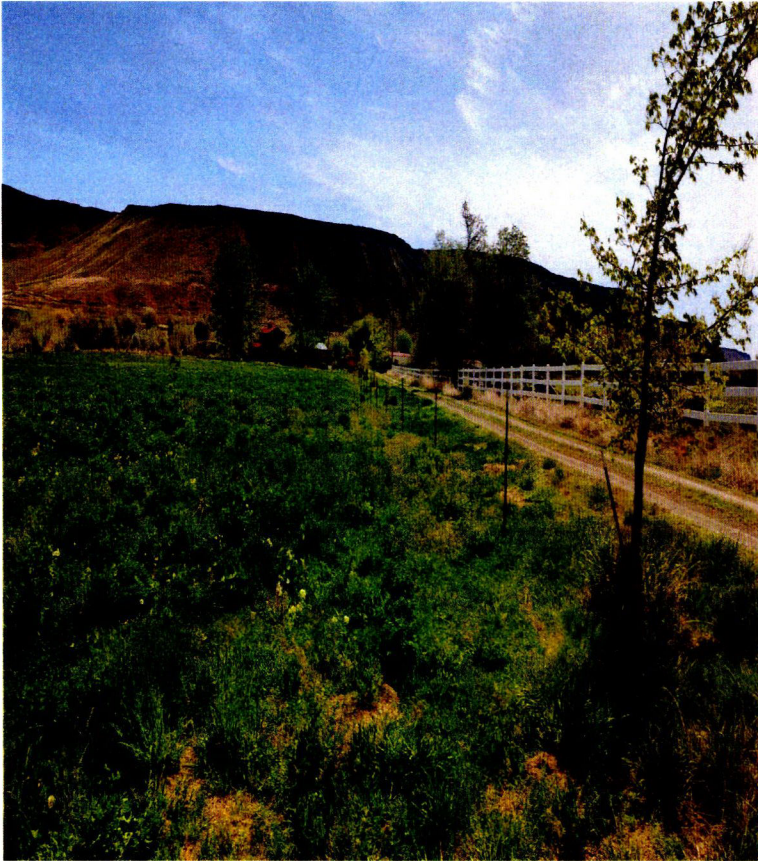


Fig. 11 – Irrigated acres in the southern portion of the Place of Use. of the POU. Facing East.



Fig. 12 – Irrigated acres in the southern portion of the place of use. Facing West



Fig. 13 – Irrigated acres in the southeastern portion of Place of Use. Facing east.



IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

March 28, 2023

LARRY A STEINER
10658 HWY 78
MELBA ID 83641

PROOF ACKNOWLEDGEMENT LETTER

RE: Permit No. 2-10565

Dear Permit Holder:

The Department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the Department to conduct a field examination to determine and confirm the use being made of the water.

Please be advised that Idaho Code § 42-248, requires you or the owner of this water right to maintain current ownership and address records on file with the Department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any Department office or at the Department's website at www.idwr.idaho.gov.

If you have any questions concerning the field examination, please contact the Western Region Office of the Department located in Boise at (208) 334-2190.

Sincerely,

Debbi Judd
Technical Records Specialist

Enclosures

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MAR 29 2023

Beneficial Use Proof Evaluation

Permit Number: 2-10565 Reviewer: djudd Review Date: 3/23/2023

Acceptability

- 1) Is the contact on the request the current permit holder? Yes
- 2) Does the address of record need to be updated? No
- 3) Proof Submitted Date: 3/21/2023
- 4) Proof Due Date: 12/1/2023
- 5) Days added for weekend due date? 0
- 6) Days added for holiday due date? 0
- 7) Number of days late: -255
- 8) Proof received timely? Yes

Analysis

- 1) Are the water uses correct? Yes
- 2) Are one of the following items required?
 - a. Measuring Device -- No
 - b. Lockable Device --No
 - c. Fish Screen -- No
- 3) Are the required items installed?
 - a. Measuring Device --
 - b. Lockable Device --
 - c. Fish Screen --
- 4) Is there a request to waive the required items?
- 5) Drilling Permit Number:
- 6) Is a drilling permit upgrade needed?
- 7) Was a well drillers report filed?
- 8) Is proof accepted? Yes

Fees

- 1) Is a licensing exam fee required? Yes
- 2) Was proof submitted with an exam report from a CWE? No
- 3) Filing fee due: \$50.00
- 4) Filing fee submitted: \$50.00
- 5) Remaining fee or (refund): \$0.00

Receipt IDs

W046559

Comments

Proof deemed acceptable. Gave file to water right agent for in-house license review. Water right agent will enter the proof made date in AdHoc at the time of licensing. Unable to do in house, acknowledged proof.