

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-8499

Exam Date: 7/29/2015

1. Current Owner: MICHAEL BIOTTI
PO BOX 826
PINEHURST ID 83850
(208)682-3718

Or

SEAN M BIOTTI
PO BOX 826
PINEHURST ID 83850
(208)682-3718

Or

BRIAN M BIOTTI
PO BOX 826
PINEHURST ID 83850
(208)682-3718

2. Accompanied by: Mike Biotti

3. SOURCE

TRAIL CREEK

TRIBUTARY

BEAVER CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

TRAIL CREEK NW1/4SE1/4 Sec. 10, Twp 49N, Rge 04E, B.M. SHOSHONE County

Method of Determination: GPS and maps. POD location at 47° 36.476, 115° 55.885

2.

PLACE OF USE: MINING

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
49N 04E 10														X			

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.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
	HONDA	8			

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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N/A

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: SEE ATTACHED SPECS FOR PUMP

$$8 \times 8.8 \times 0.8 / 10 + (30 \times 2.3087) = 0.71 \text{ CFS}$$

Approx. 10 ft lift and estimated hose pressure of 30 psi.

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

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

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses: 24 WEEKS OF OPERATION, ONLY OPERATED ON WEEKENDS

24 WEEKS X 2 DAYS PER WEEKEND = 48 DAYS OF OPERATION

48 DAYS OF OPERATION X 2 HOURS OF RUNNING PUMP = 96 OPERATING HOURS

319 GPM X 60 MINUTES = 19,140 GPH

19,140 GPH X 96 OPERATING HOURS = 1,837,440 GAL

1,837,440 GAL / 325,850 GAL/AF = 5.6 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED 8 HP HONDA MOTOR THAT IS RATED AT 319 GPM OR 0.71 CFS. APPLICANT SAID HE USED WATER ON WEEKENDS ONLY BETWEEN THE DATES OF APRIL 15TH AND SEPTEMBER 30TH. THAT IS 24 WEEKENDS OF OPERATION DURING THE SEASON. APPLICANT SAID HE ONLY USED PUMP FOR 2 HOURS PER DAY AND ONCE HOLDING POND WAS FILLED HE USED WATER TO RECIRCULATE IN WASH PLANT. WATER RIGHT WILL BE GIVEN FOR 0.71 CFS AND A ANNUAL VOLUME OF 5.6 AF.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MINING	04/15 to 09/30	0.710 CFS	5.60 AF
<u>Totals:</u>		0.710 CFS	5.60 AF

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 ☐ Other

I. AUTHENTICATION

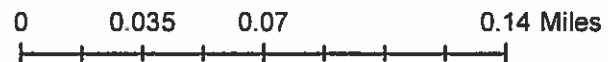
Field Examiner's Name Adam Franklin Date 12-4-2015

Reviewer [Signature] Date 12-4-2015

State of Idaho
Department of Water Resources
Water Right License
94-8499



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



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FREE Freight Shipping

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FREE Technical Support

[Home](#) | [Honda WT30XK4](#)**Honda WT30XK4 319 GPM (3") Construction Trash Water Pump**

Model: WT30XK4 | Item Number: 658190

There are no reviews at this time

Reg. Price: \$1,729.95

\$1,499.00**FREE SHIPPING**

ONLY 1 LEFT IN-STOCK!

RUSH PROCESSING AVAILABLE

What is this?

ADD TO CART

Share this Equipment:

[Features](#)[Technical Specs](#)[Reviews](#)[Q & A](#)**Features for the Honda WT30XK4**

Built to handle a higher capacity of trash water the Honda WT30XK4 Construction Trash Water Pump can move up to 319 gallons of water per minute and can take on small solids such as dirt or gravel. This heavy duty water pump is built with a commercial-grade 242cc Honda GX240 Engine. The full frame protects the pump in the most rugged environments, especially a construction zone. For better durability, the conical shaped impeller offers wider vanes for taking on a higher water capacity.

Pump Style:

Heavy Duty Construction Trash Pump with Metal Strainer can handle solids up to 1 1/16" allowing you to pump higher capacity trash water.

Honda GX240 Engine:

This water pump is equipped with a 242cc Honda GX240 Engine that features Honda Oil Alert, protecting the pump by shutting off the engine when low oil is indicated.

Gallons Per Minute (GPM):

Pumps out **319 gallons per minute** to get your job done faster.

Service Tool:

A multi-tool is provided for easy maintenance to the pump case. It is primarily used for installation, removal and tightening of the priming plug, drain plug and hose couplings.

Isolation Mounted Engine:

Equipped with a high performance mount that minimizes vibration to keep the unit from "burying itself" into soft ground.

Full Frame Protection:

The heavy duty full frame protects the pump and offers tie down locations for transportation.

ADD OPTIONS FOR A DISCOUNT NOW**Options for the Honda WT30XK4**

Add options now for your Honda WT30XK4 at a 1 time discounted price. When you are ready to check out, just click the ADD TO CART button.

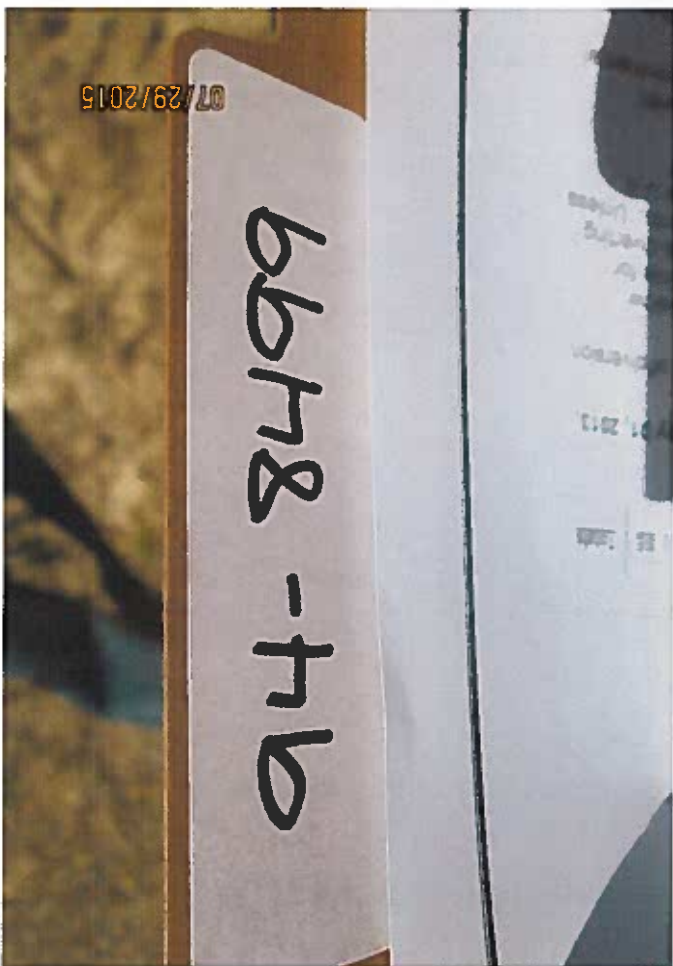
[More](#)

Equipment:	\$1,499.00
Options:	\$0.00
Total:	\$1,499.00

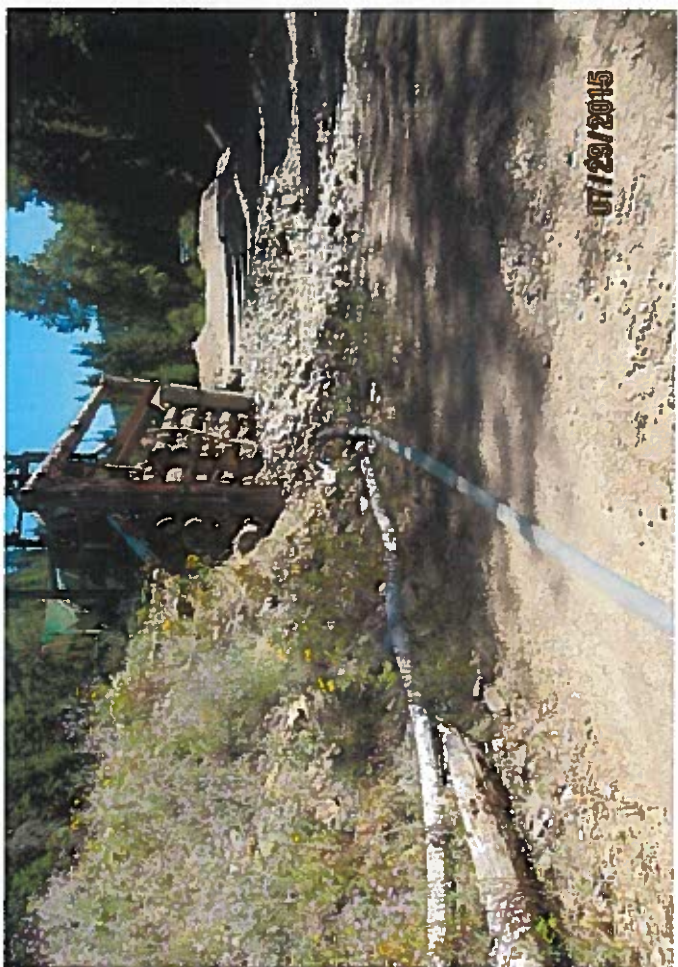
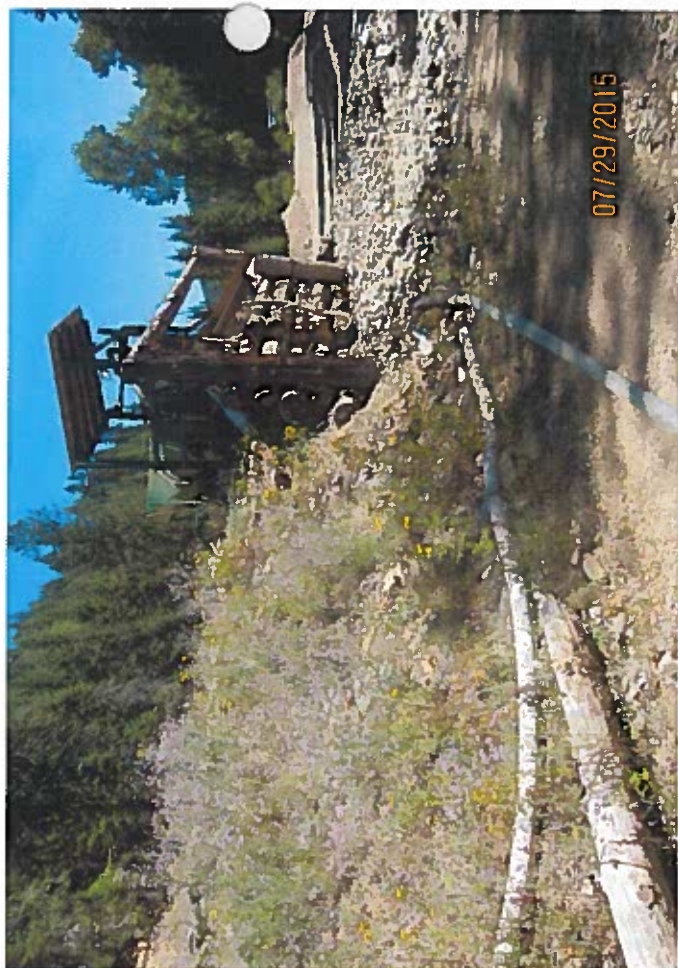
ADD TO CART**Honda Two Wheel Kit**

Part Number:	\$402.00
50130YG1000AH	\$183.34
	Save: 5%

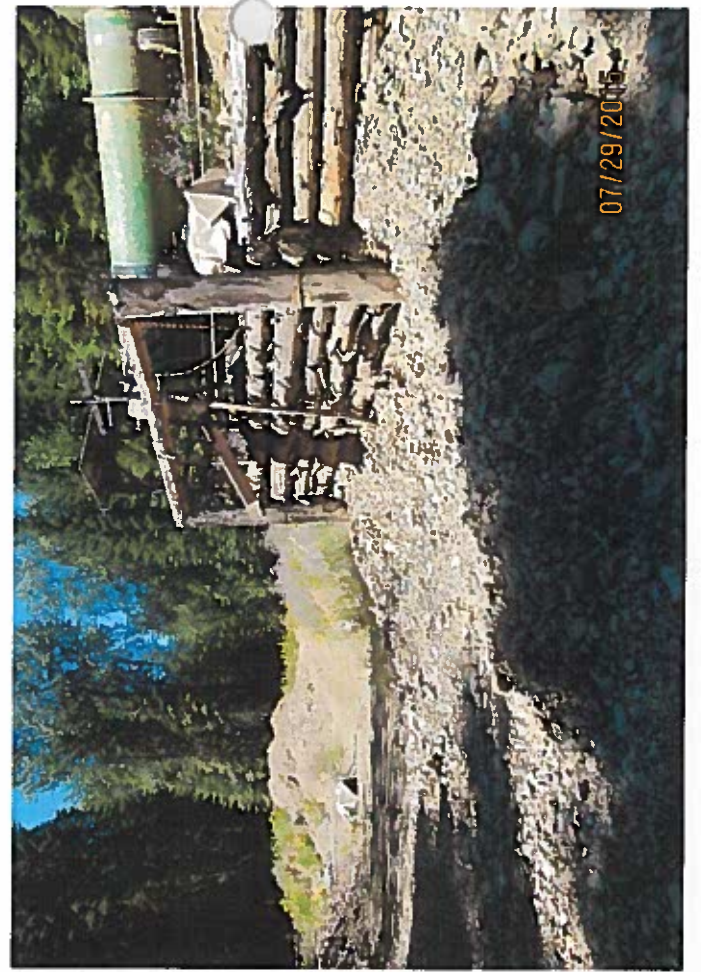
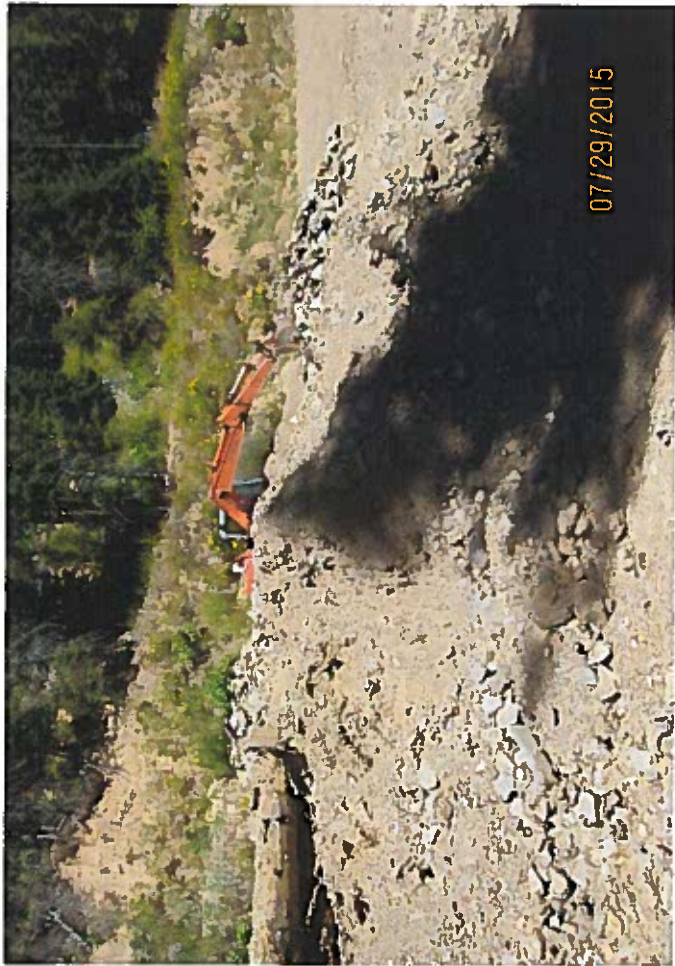
☐**Honda Complete Hose Kit**



94-8499



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