

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-8791

Exam Date: 5/23/2012

1. Current Owner: TRIPLE C CONCRETE INC
PO BOX 95
RUPERT ID 83350
(208)436-9373
2. Accompanied by: Brad
Phone No: 208-650-1247
Address: same
Relationship to Permit Holder: Manager

3. SOURCE

GROUND WATER

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:

GROUND WATER L4 NE1/4SE1/4 Sec. 7, Twp 09S, Rge 25E, B.M.
MINIDOKA County

Method of Determination: GPS and aerial photography.

2. **PLACE OF USE:** INDUSTRIAL

Twp	Rge	Sec	NE				NW				SW				SE				
			<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>	<u>Totals</u>
09S	25E	7													X L 4				

Method of Determination: 2004 Aerial photography

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 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 Size</u>
Pump station		60			8 inch

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
Portaflow	Polysonic	FUJI		240332		5/14/2009

2. Measurements:

On 5/14/2009, Cindy Yenter conducted a flow measurement of the first pump station. This measurement indicated a flow of 757.3 gpm, or 1.68 cfs. **Recommended flow for license is 1.68 cfs.**

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses:

Industrial Use:

Volume was taken from the WMIS database annual usage records for 2009. **Recommended volume of 332.22 AF for license. (see file)**

G. NARRATIVE/REMARKS/COMMENTS

Application for permit 36-8791 was filed on June 17, 1999 for the diversion of 2.5 cfs of groundwater for industrial use associated with a gravel pit. Permit 36-8791 was issued on September 7, 1999 and Proof of Beneficial Use was filed on July 26, 2004.

The system consists of a 60 HP pump, a pond and a gravel washing station. As the pit is excavated ground water subs into the pit and fills it. Water is pumped to the washing station for cleaning of sand and gravel and then returned to pond for recycling. Industrial use is non-consumptive.

A flow measurement was taken by Cindy Yenter on 5/14/2009 and indicated the capacity of the system at 757.3 or 1.68 cfs. The permitted amount of 2.5 cfs exceeds the maximum capacity of the system. **Recommended flow rate for this license is the measured rate of 1.68 cfs.**

WMIS records from 2009 indicate a volume of 332.2 AF for annual usage. **Recommended volume for this license is the recorded 332.2 AF.**

Since development the pit in this tract is no longer in use.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
INDUSTRIAL	1/01 to 12/31	1.68 CFS	332.2 AF
	<u>Totals:</u>	1.68 CFS	332.2 AF

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

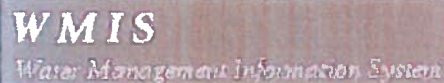
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATION

Field Examiner's Name Sana Seader Date 5/30/12

Reviewer J. Smith Date 5/30/12

Idaho Department of Water Resources



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Flow Meter Water Usage

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Edit	Delete	Report Year*	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
		2009	890519.00	332.22		End of year reading X 1 rollover. jjr
		Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
		Validated by IDWR	1973072.00	332.22		
		Calibration Data		Acre Feet Qualifier	Preferred Method	
		Date:	5/14/2009 12:00:00 AM	No Monthly Recordings	FM	
		Factor	1.00			
		Vol. Multiplier:	100.0000			
		Vol. Unit	GAL			

Edit	Delete	Report Year*	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
		2008	0.00	273.29		end totalizer as reported by phone 1.16.09. season of use approx Mar15 - Dec10. cy.
		Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
		Validated by Water Master	890519.00	273.29		
		Calibration Data		Acre Feet Qualifier	Preferred Method	
		Date:	5/14/2009 12:00:00 AM	No Monthly Recordings		
		Factor	1.00			
		Vol. Multiplier:	100.0000			
		Vol. Unit	GAL			

36-8791

Idaho Department of Water Resources

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Flow Meter Calibrations

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Edit	Delete	Calibration Date/Time:*	05/14/2009	Factor:	1.00
		Installed Meter Data:		Standard Meter Data:	
		Installed Meter Flow:	760.00	Standard Meter Flow:	757.30
		Rate Unit:*	GPM	Rate Unit:	GPM
		Rate Multiplier:*	1.0000	Pipe Material:	STEEL
		Volume Multiplier:*	100.0000	Outside Diameter (inches):	8.02
		Volume Unit:*	GAL	Wall Thickness (inches):	0.17
		Location:	GOOD	Downstream Distance (feet):	30.00
		Comments:		Upstream Distance (feet):	72.00
		flow indicator needle read low (650 gpm), but volume register is within range on timed test. cy.		Calibration Confidence:	EXCL
		Installed Meter Information:			
		Manufacturer:	MCCROMETER	Installation Date:	03/01/2008
		Model Number:		Serial Number:	04.02604.8
		Meter Type:	PROPELLER	Other Well:	

May 23, 2012
1:30

Brad
650-1247

36-8791 2004 just NESE (sold Jan. 2011)
just NWSE

36-8792 2009 just SWSE (Prior to proof date)
no permit

Last used 2010 in SWSE
currently not using, want to retain right(s)

washing always occurred in same
tract as POD (where water pumped)

narrative:

developed in NWSE, but prior
to proof being filed moved to
SWSE and used "final" location

Volume } WMIs records
rate }

757.3 gpm
332.2 AF

2004

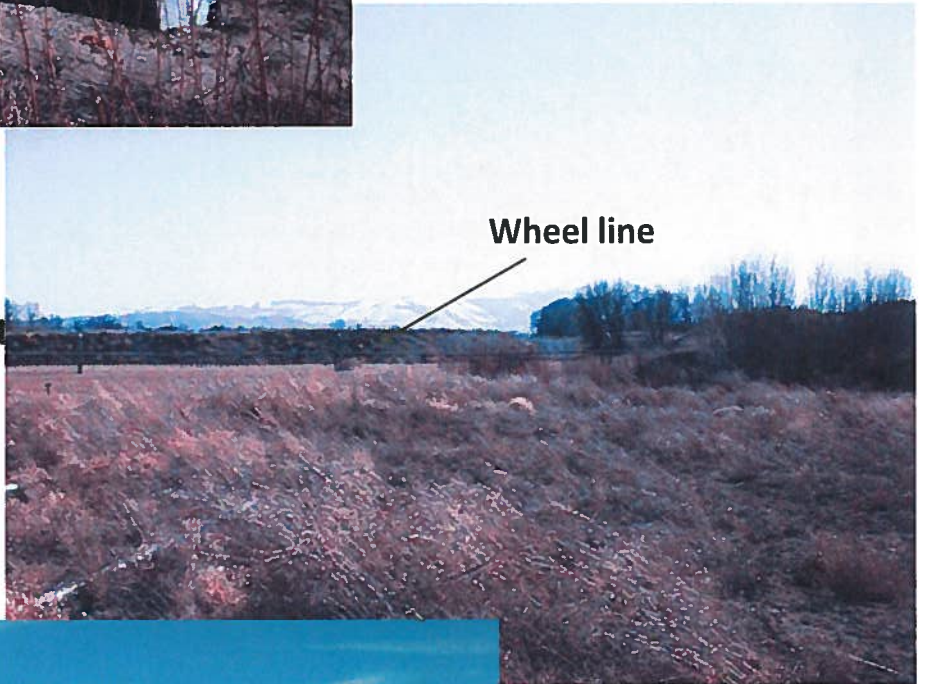
NWSE

NESE

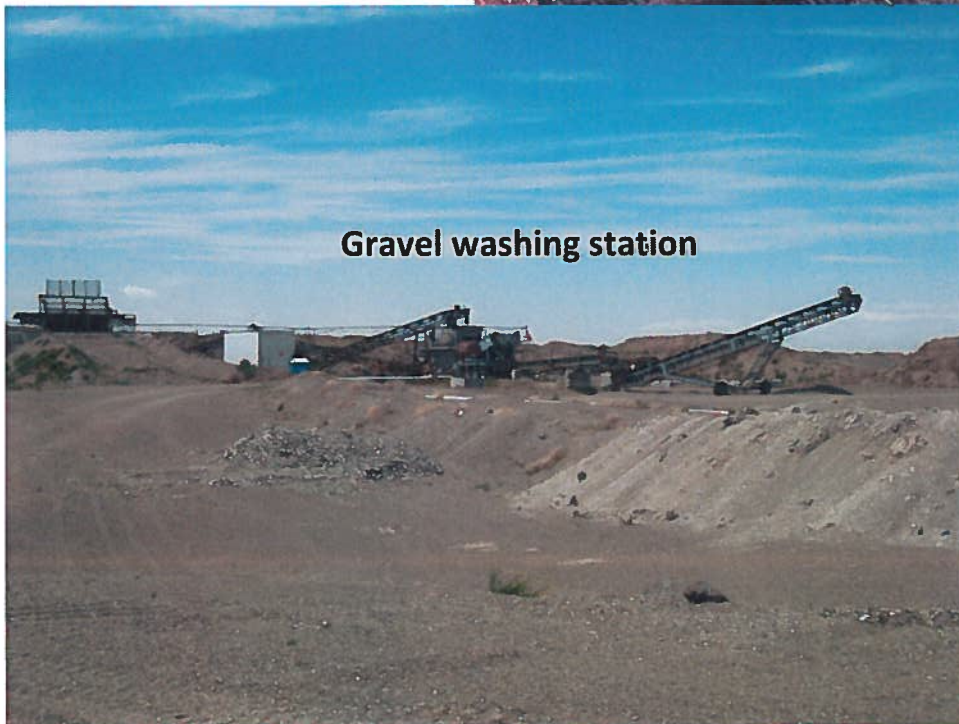


Dismantled system

East Pit is being reclaimed



Wheel line



Gravel washing station