

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9042

Exam Date: 10/9/2007

1. Current Owner: CPM DEVELOPMENT CORP.
PO BOX 3366
SPOKANE WA 99220
(509) 534-6221

2. Accompanied by: **BOB GIFFORD**Phone No: **SAME**Address: **SAME**Relationship to Permit Holder: **PLANT ENGINEER**3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER

SW1/4SE1/4

Sec. 36. Twp 51N, Rge 36W, B.M.

KOOTENAI County

Method of Determination: **GPS**

2.

PLACE OF USE: COMMERCIAL

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>
51N	06W	36														X	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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0051602		75	#272502H	Hitachi	
					MF6# 2725202H
				model	100-0753428

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

460 VOLT, 96 AMPS SEAM 107

D. FLOW MEASUREMENTS

1.

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

2. Measurements: NO PLACE TO TAKE MEASUREMENT USED
PUMP DATA.

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT No. 95-9042						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	75	204.0816	0.7	100	45
Q =	2.267 cfs		1017.7 gpm			

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:

$$2080 \text{ hr} / 24 \text{ hr} = 87 \text{ days}$$

$$2.23 \text{ cfs} \times 1.9835 \text{ AF} \times 87 \text{ days} = 384.8 \text{ AF}$$

$$2080 \text{ hr} = (40 \text{ hr per week} \times 52 \text{ weeks})$$

G. NARRATIVE/REMARKS/COMMENTS

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>
COMMERCIAL	01/01 to 12/31	2.230 CFS	384.80 AF
<u>Totals:</u>		2.230 CFS	384.80 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

Date

Reviewer

Date

1-4-2008

1/29/07



17 E. WILLOW - SPOKANE, WA 99206
WA State Cont. Lic. AAAPU11709
WA State Elec. Lic. AAAPUS11440J
ID State Cont. Lic. 4216AA-1-4(46)
ID State Elec. Lic. C-03142-P
SPOKANE PHONE (509) 926-4462/FAX 926-6216
POYLACH, IDAHO PHONE (208) 873-0268
RATHBURN, IDAHO PHONE (208) 887-3888

BID PROPOSAL / WORKSHEET

Date 10-10-07

Revised By Beck Rd County _____

Customer Central Prec mix

Res Ph # 370-2041 Work # _____ FAX # 536-3051

Billing Address _____

City _____ State _____ Zip _____

Site Address _____

City _____ State _____ Zip _____

Galvanized Drop Pipe		
VISC Loss		
Ditch Pipe Elev.		
VISC Loss Ditch Pipe		
Pressure Length		
TDH		
Well I.D.	Depth	Screen
GPM	PVC	Static

75 hp Hitechi 460 Volt 1Ø
Rated 96 Amps 5EAM 1Ø
MFG - # 2725202H
Model 100-0753428



WELL D0051602.JPG



PIPE.JPG



POU.JPG



POU_1.JPG



POU_2.JPG

WR # 95-9042

95-9042



-  Kootenai taxlots
-  GCDB51N06W GCDB
-  GCDB50N06W GCDB
-  Point of diversion.shp
-  Place of use.shp
-  Township/Range
-  Sections
-  QQ
-  Right POD



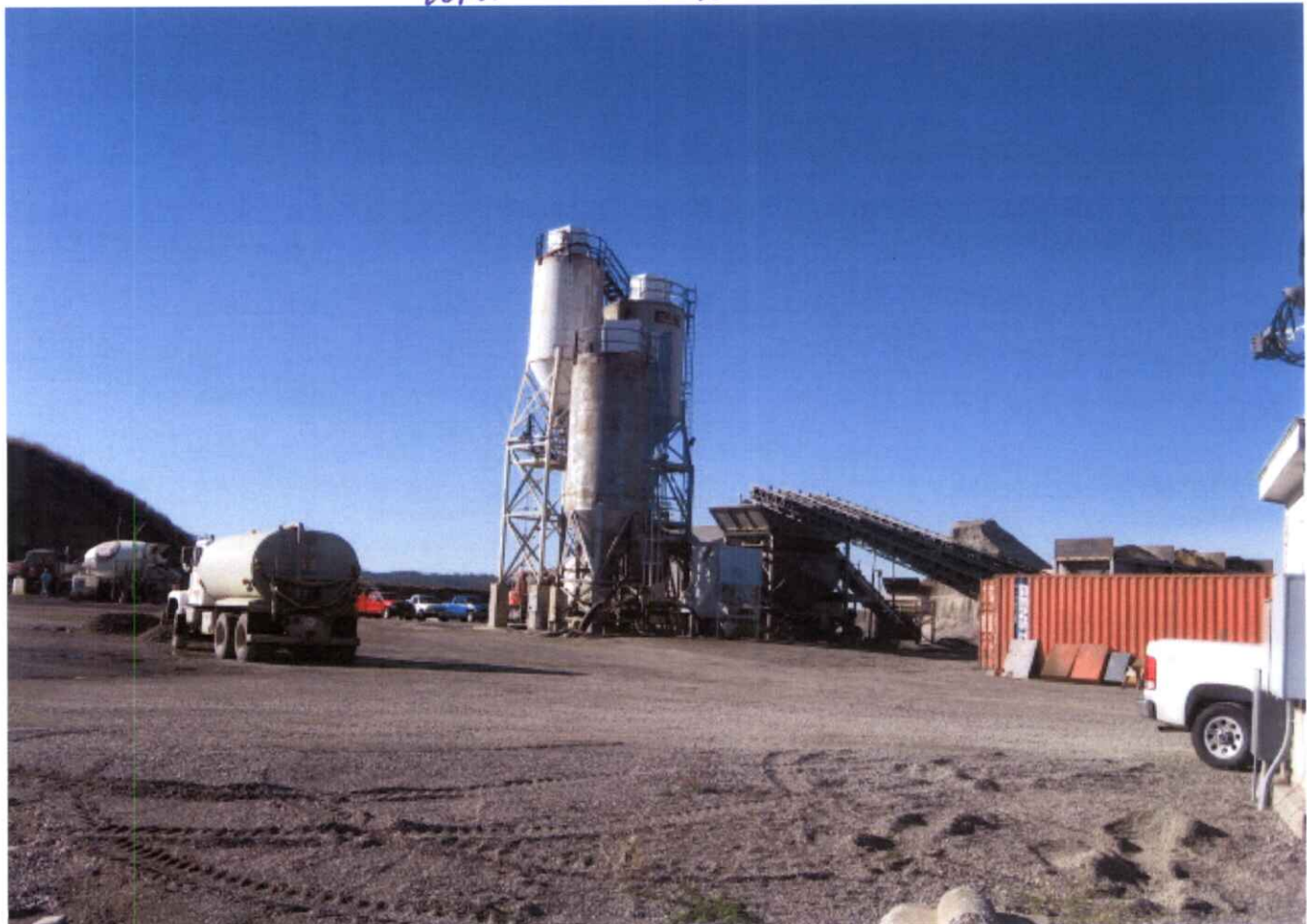


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