



The Wholesale Tree Growers

P.O. Box 189 • Boring, Oregon 97009 • (503) 663-4128 • FAX (503) 663-2121 • <http://www.jfschmidt.com>

February 2, 2005

Steve Brown  
Oregon Water Resources Department  
725 Summer St. NE  
Salem, OR 97301-1271

**RECEIVED**

**FEB 03 2005**

**WATER RESOURCES DEPT  
SALEM, OREGON**

Re: Transfer T-9121

Dear Mr. Brown:

In reviewing the Claim of Beneficial Use and Site Report for T-9121, I have noticed that a mistake was made in one instance in the conversion of cfs to gpm.

The final sentence of the "CAPACITY" section reads:

"The transfer authorized 21.66 miner's inches (0.542 cfs or 243 GPM) and 1.16 cfs, a maximum of 1.702 cfs (709 GPM) so that has to be the limit."

Using the standard conversion factor of 1 cfs = 448.8 gpm, 1.702 cfs is equal to 763.9 GPM, which rounds to 764 GPM. The figure of **709** should be changed to read **764**.

The capacity as stated in the Claim or Beneficial Use and Site Report in terms of cfs and miner's inches is correct and agrees with the Order which approved the transfer, issued October 4, 2002.

Please add this correcting letter to the file so that the mistake does not cause future confusion. If any other actions are necessary, please let me know.

Sincerely,

J. Frank Schmidt, III  
President





SURVEYS CONSULTING

RECEIVED

FEB 03 2005

LAND & WATER RIGHTS  
Bruce A. Estes, PLS, CWRE

WATER RESOURCES DEPT  
SALEM, OREGON

CLAIM OF BENEFICIAL USE SITE REPORT

Transfer T-9121

60382 Arnold Mkt. Rd.  
Bend, OR 97702  
(541) 382-7391  
FAX 382-7391

PO Box 17519  
Salem, OR 97305-7519  
(503) 585-7593  
FAX 585-7593

in the name of J. FRANK SCHMIDT & SON Co.

INFORMATION: Went over the project with Steve DeBruin, manager.

SOURCE: Walla Walla River via Walla Walla Irrigation District canal. There are three 7' long rotary fish screens in the canal operated by Oregon Department of Fish and Wildlife. The irrigation district runs the headgate from the river and there is a 6" McCrometer flow meter serial # 00 3777 6 on the pump station for this transfer.

DIVERSION POINT: NE 1/4 NW 1/4 Section 1 - 1150' South & 630' West from the N 1/4 corner of section 1, T 5 N, R 35 E, W.M.

USE: Irrigation of 173.09 acres. This is a wholesale nursery site growing ornamental trees.

CAPACITY: The pumps in the canal are 30 HP and 10 HP Baldor motors DDC to a Cornell 4RB-30-3-4 pump, serial # 124745 and a Cornell 2W-10-3-2 serial # 120853 pump. They are 4' above the canal. These pump open discharge to a pond in the SW corner of the property. The 10 HP was running 300GPM at 22 psi during the inspection. The 30 HP pump should be capable of  $6.60 \times 30 / 4 + 56 = 3.3$  cfs (1481 GPM) at 22 psi.

There are 2 pumps at the pump pond. Both have 15 HP US Electric motors DDC to Berkeley B3TPM-15 pumps. They are under pressure from the pond (use 5' average) with no head to the field. They should be capable of  $7.04 \times 30 / -5 + 102 = 2.18$  cfs (978 GPM) at 40 psi.

There are 3 wheel lines (99 sprinklers) and probably a 1000 hand lines all with 1/8" nozzles. 1/8" nozzle size is rated at 2.9 GPM so it only takes 315 of them to match the pump capacity. The transfer authorized 21.66 miner's inches (0.542 cfs or 243 GPM) and 1.16 cfs, a maximum of 1.702 cfs (~~709~~ GPM) so that has to be the limit. 764 gpm

TIE: The map was tied to the north and east property lines.

REMARKS: The diversion point identified in this claim is where the irrigation district takes control of the water through an 8' gate. ODF&W's fish screens are in the canal above the nursery pump station.

An inspection of the project under the terms of transfer T-9121 was made by me August 30, 2003 and the facts contained in this report and accompanying map are correct to the best of my knowledge.



I, J. Frank Schmidt, III, agree with Mr. Estes' findings and submit this site report and map as our Claim of Beneficial Use of the water as provided under the terms and conditions of transfer T-9121 and hereby request a water right certificate be issued.

*J. Frank Schmidt III*



SURVEYS  
CONSULTING

**LAND & WATER RIGHTS**

**Bruce A. Estes, PLS, CWRE**

60382 Arnold Mkt. Rd.  
Bend, OR 97702  
(541) 382-7391  
FAX 382-7391

PO Box 17519  
Salem, OR 97305-7519  
(503) 585-7593  
FAX 585-7593

**CLAIM OF BENEFICIAL USE SITE REPORT**

**Transfer T-9121**

in the name of J. FRANK SCHMIDT & SON Co.

**INFORMATION:** Went over the project with Steve DeBruin, manager.

**SOURCE:** Walla Walla River via Walla Walla Irrigation District canal. There are three 7' long rotary fish screens in the canal operated by Oregon Department of Fish and Wildlife. The irrigation district runs the headgate from the river and there is a 6" McCrometer flow meter serial # 00 3777 6 on the pump station for this transfer.

**DIVERSION POINT:** NE 1/4 NW 1/4 Section 1 - 1150' South & 630' West from the N 1/4 corner of section 1, T 5 N, R 35 E, W.M.

**USE:** Irrigation of 173.09 acres. This is a wholesale nursery site growing ornamental trees.

**CAPACITY:** The pumps in the canal are 30 HP and 10 HP Baldor motors DDC to a Cornell 4RB-30-3-4 pump, serial # 124745 and a Cornell 2W-10-3-2 serial # 120853 pump. They are 4' above the canal. These pump open discharge to a pond in the SW corner of the property. The 10 HP was running 300GPM at 22 psi during the inspection. The 30 HP pump should be capable of  $6.60 \times 30 / 4 + 56 = 3.3$  cfs (1481 GPM) at 22 psi.

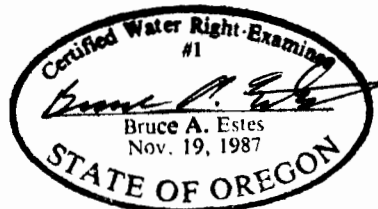
There are 2 pumps at the pump pond. Both have 15 HP US Electric motors DDC to Berkeley B3TPM-15 pumps. They are under pressure from the pond (use 5' average) with no head to the field. They should be capable of  $7.04 \times 30 / -5 + 102 = 2.18$  cfs (978 GPM) at 40 psi.

There are 3 wheel lines (99 sprinklers) and probably a 1000 hand lines all with 1/8" nozzles. 1/8" nozzle size is rated at 2.9 GPM so it only takes 315 of them to match the pump capacity. The transfer authorized 21.66 miner's inches (0.542 cfs or 243 GPM) and 1.16 cfs, a maximum of 1.702 cfs (709 GPM) so that has to be the limit.

**TIE:** The map was tied to the north and east property lines.

**REMARKS:** The diversion point identified in this claim is where the irrigation district takes control of the water through an 8' gate. ODF&W's fish screens are in the canal above the nursery pump station.

An inspection of the project under the terms of transfer T-9121 was made by me August 30, 2003 and the facts contained in this report and accompanying map are correct to the best of my knowledge.



I, J. Frank Schmidt, III, agree with Mr. Estes' findings and submit this site report and map as our Claim of Beneficial Use of the water as provided under the terms and conditions of transfer T-9121 and hereby request a water right certificate be issued.

**RECEIVED**

NOV 28 2003

*J. Frank Schmidt III*