CLAIM OF BENEFICIAL USE for Surface Water Permits claiming more than 0.1 cfs

OREGON WATER RESOURCES DEPARTMENT
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

A fee of $230 must accompany this form for permits with priority dates of July 9, 1987, or later.

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
https://www.oregon.gov/OWRD/Forms/Pages/default.aspx

Go to "Resources for Water Right Examiners (CWRE)" Page
https://www.oregon.gov/OWRD/programs/WaterRights/COBU/Pages/default.aspx
The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

If you have questions regarding the completion of this form, please call 503-979-9103.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see
https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx

SECTION 1
GENERAL INFORMATION

1. File Information:

APPLICATION #	PERMIT #	PERMIT AMENDMENT #
S-85750	S-54095	T-

2. Property Owner (current owner information):

Applicant/Business Name	Phone No.	Additional Contact No.
Gwenn Iott	503.999.0802	

Address			
14060 Sunnyside Rd			
City	State	Zip	E-Mail
Dallas	Oregon	97338	gwenniott@yahoo.com

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. ***Each*** *permit holder of record must sign this form.*

3. Permit or holder of record (this may, or may not, be the current property owner):

Permit Holder of Record		
Gwenn Iott		
Address		
14060 Sunnyside Rd		
City	State	Zip
Dallas	Oregon	91338

Additional Permit Holder of Record		
None		
Address		
City	State	Zip

4. Date of Site Inspection:

September 16, 2023

5. Person(s) interviewed and description of their association with the project:

Name	Date	Association with the Project
Gwenn Iott	September 16, 2023	Property Owner/Permit Holder

6. County:

Polk

7. If any property described in the place of use of the permit final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

Owner of Record		
None		
Address		
City	State	Zip

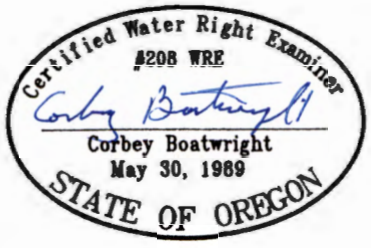
Add additional tables for owners of record as needed

SECTION 2
SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

Seal and Signature



Renewal Date: December 31, 2025

CWRE NAME	PHONE NO.	ADDITIONAL CONTACT NO.
Corbey Boatwright	503.363.9225	
ADDRESS: Boatwright Engineering, Inc. 2613 12th Street SE		
CITY: Salem	STATE: Oregon	ZIP: 97302
E-MAIL: corbey@boatwrightengr.com		

Permit Holder of Record Signature or Acknowledgement

Each *permit holder of record must sign this form in the space provided below.*

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
Gwenn M. Iott	Gwenn Iott	Permit Holder	11/08/2024

Received by OWRD
NOV 08 2024
Salem, OR

SECTION 3

CLAIM DESCRIPTION

1. Point of diversion name or number:

POINT OF DIVERSION (POD) NAME OR NUMBER (CORRESPOND TO MAP)
POD A & POD B

2. Point of diversion source and tributary:

POD NAME OR NUMBER	SOURCE	TRIBUTARY
POD A & POD B	**Iott Pond**	**Unnamed Tributary of Salt Creek**

3. Developed use(s), period of use, and rate for each use:

POD NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
POD A N side Iott Pond	**IR**	**Landscape**	**Mar 1 – Oct 31**	**3.43 AF (Max Duty based on acres)**
POD B W side Iott Pond		**Flower & Food Garden**		
Total Quantity of Water Used				**3.43 AF**

4. Provide a general narrative description of the distribution works. This description must trace the water system from **each** point of diversion to the place of use:

POD A – Water is pumped from the north side of Iott Pond utilizing a 1hp pump located at the home site, a lift of approximately 117' of elevation gain. Approximately 880 LF of 1¼-inch PVC pipe carries the water uphill to a 225-gal pressure tank. At the home site, the inground irrigation system is fed by buried ¾-inch pipe. Watering is also done with a ¾-inch garden hose using a handheld spray nozzle.

POD B – Water flows by gravity from a pipe imbedded in the concrete surrounding and supporting the emergency outlet conduit. A valve, at the toe of the outside of the dam, is opened to allow water to flow by gravity to the 225-gal pressure tank at the west garden site. The inground irrigation system is fed by buried 1½-inch buried pipe. Watering is alsodone with a ¾-inch garden hose using a handheld spray nozzle.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

5. Variations:

Was the use developed differently from what was authorized by the permit, or permit amendment final order? If yes, describe below.

(e.g. *"The permit allowed three points of diversion. The water user only developed one of the points."* Or *"The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres."*)

The permit allowed the irrigation of 9.3 acres. 1.37 acres were developed.
Rather than all of the irrigation being located around the home site, a flower and fruit & vegetable garden was developed to the west, out from under the dense tree cover. Both areas are located within the authorized sections and within the single tax lot and ownership boundary that existed at the time of the application and permit issuance, and which still exist.

The permit authorized one POD in the reservoir pool that was located towards the north end, and on the dam structure. Two PODs were developed.
POD A is a 2" intake on the north side of the pool, that shortens the distance to the pressure tank that feeds the irrigation system about the homesite, which is approximately 117 feet higher in elevation than the POD.
POD B is a 2" intake at the toe of the dam structure which shortens the distance to the west garden area and allows the water to flow downhill, approximately 14 feet in elevation, to the pressure tank, which eliminates the need for a pump.

6. Claim Summary:

POD NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
PODs A & B Iott Pond	**23.2 AF**	**3.43 AF @ Max Duty for 1.37 ac**	**No Flow Meter. Approved Measuring Device is a Staff Gage.**	**IR**	**9.3**	**1.37**

SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs? **YES**

If *"YES"* you will need to copy and complete a separate Section 4 for each POD.

POD Name or Number this section describes (only needed if there is more than one):

(north) POD A Iott Pond

A. Place of Use

1. Is the right for municipal use? **NO**

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
6S	5W	WM	33	NW-SW	-----	58	IR	1.12	0
Total Acres Irrigated								1.12	0

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (Glot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, Glot, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion to the place of use.

1. Is a pump used? **YES**

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Goulds	G0336727	Unknown	Centrifugal	1.5"	1"

3. Motor Information:

MANUFACTURER	HORSEPOWER
Goulds	1

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
1	30 psi	117'	0' to -10'	0.036 cfs (16 gpm)

5. Provide pump calculations:

30 psi = 76.2' head

$$\frac{1 \times 6.61}{117 + 76.2 - 10} = \frac{6.61}{179.2} = 0.036 \text{ cfs or } 15.95 \text{ gpm}$$

6. Measured Pump Capacity (using meter if meter was present and system was operating):

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
NA	NA	NA	NA

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped? YES

8. Mainline Information:

Mainline Size	Length	Type of Pipe	Buried or Above Ground
2"	860'±	PVC	Buried
1¼"	880'±	PVC	Buried

9. Lateral or Handline Information:

Lateral or Handline Size	Length	Type of Pipe	Buried or Above Ground
¾"	1430'±	PVC	Buried
¾"	200'±	Garden Hose	Above Ground

10. Sprinkler Information:

Size	Operating PSI	Sprinkler Output (GPM)	Total Number of Sprinklers	Maximum Number Used	Total Sprinkler Output (CFS)
Rainbird 1800 blue	30 psi	1.45 gpm	143±	11	(15.95 gpm) or 0.036 CFS

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Drip Emitter Information:

Size	Operating PSI	Emitter Output (GPM)	Total Number of Emitters	Maximum Number Used	Total Emitter Output (CFS)
NA					

12. Drip Tape Information:

Dripper Spacing in Inches	GPM per 100 Feet	Total Length of Tape	Maximum length of Tape Used	Total Tape Output (CFS)	Additional Information
NA					

13. Pivot Information:

Manufacturer	Maximum Wetted Radius	Operating PSI	Total Pivot Output (GPM)	Total Pivot Output (CFS)
NA				

C. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)? NO

D. Gravity Flow Pipe

(The Department typically uses the Hazen-William's formula for a gravity flow pipe system)

1. Does the system involve a gravity flow pipe? NO

E. Gravity Flow Canal or Ditch

(The Department typically uses Manning's formula for canals and ditches)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? NO

F. Additional notes or comments related to the system:

There is a 225-gallon pressure tank on this system. The actual location of the underground irrigation line was unknown. There are 13 zones. At the time of my visit, I counted eleven heads irrigating, and assumed the rest would be somewhat similar. There are also garden hoses at different locations around the house that had hand spray nozzles attached for concentrated points of use inside the marked irrigation area.

SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs? **YES**

If *"YES"* you will need to copy and complete a separate Section 4 for each POD.

POD Name or Number this section describes (only needed if there is more than one):

(west) POD B lott Pond

A. Place of Use

1. Is the right for municipal use? **NO**

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
6S	5W	WM	32	NE-SE	1	-----	IR	0.25	0
Total Acres Irrigated								0.25	0

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (Glot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, Glot, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion to the place of use.

1. Is a pump used? **NO**

FOR DIVERSION, FLOW IS GRAVITY TO PRESSURE TANK.

YES

FOR DELIVERY FROM PRESSURE TANK TO APPLICATION, FLOW IS PUMPED.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Franklin	FTB1CI	21F1417078488J	Centrifugal	1 ½"	1 ½"

3. Motor Information:

MANUFACTURER	HORSEPOWER
Century	1 HP

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
1 HP	36 psi	-14	0	0.085 CFS (38 gpm)

5. Provide pump calculations:

36 psi x 2.54 = 91.4' head

$\frac{1 \times 6.61}{-14 + 91.4} = \frac{6.61}{77.4} = 0.085$ cfs or 38 gpm

6. Measured Pump Capacity (using meter if meter was present and system was operating):

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
NA	NA	NA	NA

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped? YES

8. Mainline Information:

Mainline Size	Length	Type of Pipe	Buried or Above Ground
2"	740'	PVC	Buried
1 ½"	504'	PVC	Buried

9. Lateral or Handline Information:

Lateral or Handline Size	Length	Type of Pipe	Buried or Above Ground
½"	80'	PVC	Above Ground
¾"	50'	Garden Hose	Above Ground

10. Sprinkler Information:

Size	Operating PSI	Sprinkler Output (GPM)	Total Number of Sprinklers	Maximum Number Used	Total Sprinkler Output (CFS)
5/32	35 psi	4.1 gpm	16	8	(32.8 gpm) or 0.073 CFS

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Drip Emitter Information:

Size	Operating PSI	Emitter Output (GPM)	Total Number of Emitters	Maximum Number Used	Total Emitter Output (CFS)
NA					

12. Drip Tape Information:

Dripper Spacing in Inches	GPM per 100 Feet	Total Length of Tape	Maximum length of Tape Used	Total Tape Output (CFS)	Additional Information
NA					

13. Pivot Information:

Manufacturer	Maximum Wetted Radius	Operating PSI	Total Pivot Output (GPM)	Total Pivot Output (CFS)
NA				

C. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)? NO

D. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe? NO

E. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? NO

F. Additional notes or comments related to the system:

The diversion point is a 4" dia PVC pipe that extends through the dam and is cast into the concrete encasement of the reservoir outlet pipe. After emerging from the concrete, there is a 4" control valve, after which, the pipe reduces to a 2" PVC pipe that extends northwest to the 225-gallon pressure tank located within the building on the north side of the garden area.

The application system has four sprinkler heads per set, with 4 sets. There is also a garden hose that has a hand spray nozzle attached, to be used at concentrated points of application inside the marked irrigation area.

SECTION 5

CONDITIONS

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits and any extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or permit extension of time:

	Date from Permit	Date Accomplished*	Description of Actions Taken by Water User to Comply with the Time Limits
Issuance Date	July 22, 2004		
Begin construction (A)	None	Prior to Oct 1, 2008	Pump and irrigation system installed
Complete construction (B)	Oct 1, 2008 Pmt Oct 1, 2017 TE	Oct 1, 2017	Irrigation systems completed
Complete application of water C	Oct 1, 2008 Pmt Oct 1, 2017 TE	Oct 1, 2017	Water used in compliance with all permit conditions after the reservoir source is in compliance with all of its permit conditions (Mar 24, 2016).

* Must be within period between permit or any extension final order issuance and the date to completely apply water

2. Is there an extension final order(s)? YES

a. Did the Extension Final Order require the submittal of Progress Reports? NO

3. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device? YES

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion.

b. Has a meter been installed? NO

c. Meter Information

POD Name or #	Manufacturer	Serial #	Condition (working or not)	Current Meter Reading	Date Installed
NA					

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? YES

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

NAME	TITLE	APPROXIMATE DATE
Joel Plahn	Watermaster	November 13, 2014

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED
Staff Gage in Iott Pond	Working	March 24, 2016

4. Recording and reporting conditions:

a. Is the water user required to report the water use to the Department? **NO**

5. Fish Screening:

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? **YES**

6. By-pass Devices:

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion? **NO**

7. Other conditions required by permit, permit amendment final order, or extension final order:

a. Was the water user required to restore the riparian area if it was disturbed? **NO**

b. Was a fishway required? **YES**

c. Was submittal of a water management and conservation plan required? **NO**

d. Other conditions? No **NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

8.a. *"The permittee shall also install a fishway at the obstruction that will provide adequate upstream and downstream passage for fish"* **In Compliance. See attached letter from Ben Walczak, ODFW fish biologist, dated December 11, 2014 stating fish passage is not required.**

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Claim of Beneficial Use	Map
ODFW Letter	Ben Walczak, Fish Biologist, December 11, 2014
Measuring Device Approval Letter	Joel Plahn, District 16 Watermaster, November 13, 2014
POD B	Photograph

SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The property boundary and DLC corners were established using Polk County survey records, CS 14603, CS 14628, CS 14809 and CS 15906. The reservoir footprint was derived from the as-built engineering plans in combination with Google Earth 2014 aerial photography. The irrigation area was measured in the field and confirmed, where visible, using Google Earth 2018 aerial photography.

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

- ☒ Map on polyester film
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- ☒ If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- ☐ Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- ☒ Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- ☒ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- ☒ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☒ Tax lot boundaries and numbers
- ☒ Source illustrated if surface water
- ☒ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☒ Application and permit number or transfer number
- ☒ North arrow
- ☒ Legend
- ☒ CWRE stamp and signature

Oregon
John A. Kitzhaber, M.D., Governor

Department of Fish and Wildlife
Northwest Region
17330 SE Evelyn Street
Clackamas, OR 97015-9514
(971) 673-6000
(971) 673-6070

December 11, 2014

Jeanne Boatwright
2613 12th Street SE
Salem, OR 97302

RE: Permits R-85749 and S-85750

Ms. Boatwright,

I am writing this letter in reference to Permits R-85749 and S-85750 in the name of Gwen Iott. During a site visit on December 10, 2014, I inspected the reservoir on an unnamed tributary that flows into Salt Creek. The reservoir is the point of diversion in review for fish passage and diversion screening. Oregon Department of Fish and Wildlife (ODFW) have determined that native migratory fish are not currently, nor were historically present in the channel reach where the reservoir is located. Therefore, fish passage or diversion screening at the reservoir for Permit R-85749 and S-85750 is not required. However, if fish are ever stocked in the reservoir ODFW approved screening will be required at that time to ensure fish stay in the reservoir.

Please let me know if you have any questions or need any further clarification.

Sincerely,

Ben Walczak
Assistant District Fish Biologist
North Willamette Watershed District

Cc: Tom Murtagh
Joel Plahn

jeanne@boatwrightengr.com

From: "PLAHN Joel M" <joel.m.plahn@state.or.us>
Date: Thursday, November 13, 2014 1:05 PM
To: <jeanne@boatwrightengr.com>
Cc: "PLAHN Joel M" <joel.m.plahn@state.or.us>
Subject: RE: File R-85749 Permit R-14029

Hi Jeanne,

Installing one section of staff plate in the reservoir is sufficient to meet the condition in the permit at this time. The staff plate in the reservoir is also an acceptable measuring device for Permit S-54095. I would like to reserve the right to require a full staff plate if in the future it is determined to be necessary. Let me know if you need anything else from me.

Thanks, Joel Plahn

District 16 Watermaster
503-986-0889 Office
503-508-2394 Cell
725 Summer St NE, Suite A
Salem, OR 97301

From: jeanne@boatwrightengr.com [mailto:jeanne@boatwrightengr.com]
Sent: Tuesday, November 11, 2014 5:01 PM
To: Joel Plahn
Subject: File R-85749 Permit R-14029

Joel,

We are working with Gwenn Iott on her water rights and getting ready to file Time Extensions. She needed a meter, or other suitable measuring device, on this reservoir. She has a permit to irrigate 9.3 acres (S-54095). According to the area capacity curve, if she put 30" of water on those acres, the water level would only drop 3.46 feet. Since she doesn't use even that much and doesn't have the right to take any more out of the pool at this time, can you give us the OK to install one section (3.33') of USGS staff gage on the trickle tube? The contractor is ready to order the gage and get it installed for her so, if you can get back to me right away, I would appreciate it.

Jeanne

Boatwright Engineering, Inc.
2613 12th Street SE
Salem, Oregon 97302
ph: 503-363-9225
FAX: 503-363-1051


POD B at outside toe of dam structure –
Iott Pond
4" PVC pipe from reservoir pool in concrete
encasement of outlet drain.
4" valve. 2" gravity pipe to irrigation area.