

Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

1. APPLICANT INFORMATION

A. Individuals		
Applicant: - NA		
F	irst .	Last
Mailing Address:		
City	State	Zip
Phone:		
Home	Work	Other
*Fax:	*Email Address:	
B. Organizations	•	
Corporations, associations, firms,	partnerships, joint stock companies, coopera	tives, public and municipal corporations)
	scade Academy of Central Oregon (onlying: Mark Stamler (School & Land	
	on: 2150 NE Studio Road, Suite 2	
Bend	Oregon	97701
City	State	Zip
Phone: 541-382-0699		
Da	y	Evening
.	an dealer oledle	
*Fax:	*Email Address: cladki	in@bendcable.com
	*Email Address: Clauk!	in@bendcable.com
	*Email Address: Clauki	in@bendcable.com
*Fax:*Optional	For Department Use	in@bendcable.com

Last Updated: 3'31'2009

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Ground Water 1

2. PROPERTY OWNERSHIP

C Yes (Please ch	heck appropriate box bel	ow then skip to section 3 'Grou	nd Water Development')	
☐ There ar	e no encumbrances			
L I	d is encumbered by ease provide a copy of the rec	ments, rights of way, roads or o orded deed(s))	other encumbrances	
• No (Please ch	eck the appropriate box	below)		
🔀 I have a	recorded easement or wi	ritten authorization permitting	access.	
☐ I do not	currently have written at	athorization or easement permi	tting access.	
lands I d		nent is not necessary, because ed submersible lands, and this by (ORS 274.040).		
	the proposed ditch, can		water is to be diverted, (2) any roperty on which the water is to	be used
List the names and	mailing addresses of all	affected landowners.		
CACO has contr property owners	-	trustees on the property. Pl	ease refer to the attached list of	of
	3. GRO	UND WATER DEVELOPM	ENT	
A. Well Informati	on			
Number of well(s)	: 1			
	urface water body: Des	schutes River		
	l(s) to nearest stream or l			
1) 850		3)	4)	
			erence between nearest surface	——
well head:	muce water is less than o	ne mne, maione elevation am	cichee octween hearest surface	water and
1) 56 feet	2)	3)	4)	
thewell is already co well withthis applica	ucted according to standard nstructed, please enclose a tion. Identify each well with	copy of the well constructor's log a a number corresponding to the v	onstruction and maintenance of wa and the well ID number, if availab vells designated on the map and pro well log, please complete the follo	le, for each oceed to
Well(s) will be con	istructed by:			CEIVED
A Certified Oreg	gon Water Well Constr	uctor - to be determined	AP	PR 0 5 2010
Mailing Address:				ESOURCES DEP EM, OREGON
	City	State	Z _{IP}	

Ground Water 2

Completion Date: within 5 years of permit issuance

Please provide a description of your well development. (Attach additional sheets if needed.)

Well No	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth	
#1	6-inch	Steel/6-inch	~ ???		>20 feet	~400-500	-400-500	1" drop pipe	~ 550 ft	
	see attached well log # DESC 52387 as a pattern for proposed construction									

Note: Well numbers in this listing must correspond to well locations(s) shown on accompanying map.

If well log is not available, or well is not yet constructed, you must provide: proposed total depth, depth of casing and seal, and the anticipated perforation and open intervals.

\sim			-	
1	Art	esian	НI	OWE
\sim .	/ 11 L	coimi	1 1	σ

If your water well is flowing artesian, describe your water control and conservation works:

- NA - Based upon multiple well logs in the vicinity of the project, artesian flow is not anticipated.	

4. WATER USE

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

Ground Water/3

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

- If your proposed use is domestic, indicate the number of households to be supplied with water:
- If your proposed use is irrigation, please attach Form I
- If your proposed use is mining, attach Form R
- If your proposed use is municipal or quasi-municipal, attach Form M
- If your proposed use is commercial/industrial, attach Form Q

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B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
#1	Deschutes Basin Aquifer	Commercial (CM)	7 gpm	2,200,000	70 gpm
#1	Deschutes Basin Aquifer	Irrigation (Ir)	16.8 gp m	2,932,700	70 gpm
					_

#1	Describes Dashi Aquitei	Imganon (II)	10.6 gpm	2,932,700	70 gpin
C. Marian	Data of Has Danisated				
	um Rate of Use Requested e maximum, instantaneous r		e used? 23.8	3 gpm	
	r your application will be base			<u> </u>	
D. Period	of Vice				
	e time of year you propose	to use the water: Com	mercial - Sep	t-June*; Irriga	tion - 4/1 to 10/31
	al uses like irrigation give date				
E. Acreag	* only we	ekday use for 43 weeks;	5 days/week * 43	weeks = 215 day	<i>'</i> 9
	be applying water to land, i	ndicate the total numbe	er of acres when	e water will be a	applied or used: 3 acres
- y = <u></u>					
(This numb	er should be consistent with yo	our application map.)			
		5. WATER MANAG	EMENT		
A. Divers	ion				
What met	hod will you use to divert w	ater from the source?			
× P	ump (give horsepower and	pump type): Estimated	l 10hp submersi	ble pump	
c	other means (describe):				
B. Trans	port				
How wi	ll you transport water to you	ur place of use?			
	Ditch or canal (give avera	nge width and depth):			
Widt	h	Depth			DEAFU/ED
Is the d	itch or canal to be lined?	○ Yes ○ No			RECEIVED
X	Pipe (give diameter and to	tal length):			APR 0 5 2010
Diame	ter 2 to 4 -inch mainline	Length < 700 feet		٧	VATER RESOURCES DEP SALEM, OREGON
	other, describe:				, =

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C. Application/Distribution Method

What equipment will you use to apply water to your place of use? Water will be pumped from the well into the adjacent storage tank, from which the water will be gravity flow or be pumped to the school and the irrigated areas. Irrigation or land application method (check all that apply): Flood ➤ High pressure sprinkler X Low pressure sprinkler ☐ Water Cannons Center pivot system Drip Wheel Lines Hand Lines Siphon tubes or gated pipe with furrows __ other, describe: Distribution method Direct pipe from source ✓ In-line storage (tank or pond) Open Canal E. Conservation What methods will you use to conserve water? Why did you choose this distribution or application method? Have you considered other methods to transport, apply, distribute or use water? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet. The pipelines will be buried and the irrigation water will be applied through either drip or sprinkler systems. Irrigation will be completed in the early morning or evening hours to minimize evaporation losses. 6. PROJECT SCHEDULE Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date. Proposed date construction will begin: Within five years of permit issuance Proposed date construction will be completed: Within five years of permit issuance Proposed date beneficial water use will begin: Within five years of permit issuance Is this project fully or partially funded by the American Recovery and Reinvestment Act? (Federal stimulus dollars) Yes 7. REMARKS If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing. Commercial Use Volume Estimate: Assumes 385 people at the facility using 25 gpd/person for 5 days a week for the period from September through June (215 days) RECEIVED

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8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

9. SIGNATURE

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water right holders to get water to which they are entitled.

I swear that, all information provided in this application is true and correct to the best of my

Signature of Applicant (If more than one applicant, all must sign.)

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this
 application. You may supply a copy of the deed, land sales contract,
 or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.

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WRD on the web:

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Oregon Water Resources Department

FORM Q FOR COMMERCIAL AND INDUSTRIAL WATER USES

Describe the goods and services you plan to provide:
Teaching children in a school.
·
2. How will the water be used?
Typical school type water uses; drinking fountains, bathrooms, etc.
3. What is the maximum amount of water that will be used on any given day:
7 □ cfs gpm
•
 Are there periods of the day, week, month, or year that the water will not be used? (e.g. no use December–March)
☐ No ☑ Yes If so, when? weekend days and the months of July and August
Tho E les it so, where woonened days and the members of day and hard
5. Is there a particular time or period of day, week, month, or year when the use of water is absolutely essential for the project to continue? (e.g. vegetable processing, Oct. 15-Nov. 15)
Onet lives
□ No Yes If so, when? Sept - June
6. Are there periods of the day week, month, or year where the amount of water used will be
less than at peak times?
□ No ☑ Yes If so, when? weekends little water will be used
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Last revision: April 9, 1996

Oregon Water Resources Department

FORM I FOR IRRIGATION USE

of acr		be irrigate		pary or supplemental water right, as well as the number cages must match those shown on the map submitted
~	Primary: _	3	Acres	
П	Supplement primary ri	ntal: ght is not	Acres (su available, and must mate	applemental irrigation can be used only when the ch the season of the primary right)
	List the peright.	ermit or c	ertificate number of the p	rimary water right that underlies each supplemental
	Circle	e one		Season Allowed
	Permit/Ce Permit/Ce	rtificate # rtificate #	<u> </u>	
		9	acre-feet	ter you expect to use in an irrigation season: (typically 2.5 or 3.0 acre-feet per acre) er 1 acre, or 43,560 cubic feet, or 325,851 gallons)
limite 537.14 purpo per Ol groun	d license ma 43(9). A lim se is to estal RS 537.143	ay be issunited licer blish a cro (6)(a). Plo be used.	need for up to one year with need may also be issued for op for which no further in ease describe the propose	use water for irrigation. If for use of stored water, a h a valid contract for stored water per ORS rirrigation from live flow or groundwater, if the sole rigation will be required after the crop is established d project and indicate if stored water, live flow, or d to establish a crop, you must justify why more than

Last revision August 4, 2009

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Cascades Academy of Central Oregon Property Legal Description:

Real property located in Deschutes County, Oregon described as follows:

That part of the Southwest Quarter of the Northeast Quarter (SW ¼ NE ¼) of Section 6, Township 17 South, Range 12 East of the Willamette Meridian, Deschutes County, Oregon, lying between the East line of Tumalo Reservoir Market Road and the West line of the Old Bend-Sisters Highway.

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For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Pleas	se check the appropriate box	below and provide the reques	ted informa	<u>ation</u>	
□ Land you	d uses to be served by the proposed w r comprehensive plan. Cite applicable	rater uses (including proposed construct ordinance section(s):		ed outright or are not re	
liste of A	d in the table below. (Please attach do	rater uses (including proposed construction of applicable land-use applying findings are sufficient.) If approximately	provals which	have already been obtain	ned. Record
	Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Lan	d-Use Approval:	
			☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
,			☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
			☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
			☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
			☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
					EIVED 5 2010
Name: _		Title:		MATER RESC	OURCES DEPT
Signatui	re:	Phone:		Date: SALEM,	
Governi	ment Entity:				
he recei	pt, you will have 30 days from the W	Please complete this form or sign the re later Resources Department's notice da d with the proposed use of water is com	te to return the	completed Land Use In	formation Form
	Recei	pt for Request for Land Use	e Informati	<u>on</u>	
Applica	nt name: Cas cac	le Academy of chutes County Sta	Centr	al Orego	Λ
City or (County: Bend/Des	chutes County Sta	ff contact:	In thony Ra	guine
ignatur	e: Anthony Ya	\supset	11-617-4	1739 Date: 4-	- 1-10



Oregon Water Resources Department Land Use Information Form

1) W 2) T re a) b) c)	he application gistration mo only the pla there are no the use of v	diverted, con is for a wardiffication, ace of use is structural water is for	nveyed, and/or ater right transf and <u>all</u> of the f s proposed for changes; irrigation; <u>and</u>	fer, allocation of ollowing apply change;	federal lands; <u>OR</u> of conserved water, exchange: we farm-use zone.	nge, permit an	nendment, or g	round water	
Applicant	Cascad	les Aca	demy of (Central O	regon				
Mailing A	ddress: 21	50 NE	Studio I	Road, Su	uite 2		Last		
Bend	udicss.					vtime Phone	541-38	2-0699	
lease includes	loped. Appli	ing informicants for		e, or irrigation	re water will be diverted n uses within irrigation				
Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:	·	Proposed Land Use:
17S	12E	6	SW NE	701	,	■ Diverted	■ Conveyed	■ Used	School
						Diverted	Conveyed	☐ Used	
						Diverted	Conveyed	Used	
						Diverted	Conveyed	Used	
	Deschut			sed to be dive	erted, conveyed, and/or	used or deve	eloped:		ECEIVE 1 PR
ype of appl	otion of P ication to be o Use or Stor Water Use L	e filed with e Water	the Water R	esources Dep Right Transfer	Permit .	Amendment o	or Ground Wate	SA	RESOURCES LEM, OREGON on Modification
ource of wa	ıter: 🔲 R	eservoir/Po		round Water	Surface Water (na	ame)			
stimated qu	antity of wa	iter needed	_{d:} 23.8		_ cubic feet per secon	d 🔳 gall	ons per minute	acr	e-feet
itended use		Irriga	ation 🔳	Commercial Quasi-Munici	Industrial Instream		estic for		
riefly descr	ibe:								

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department. See bottom of next page.

Property Owners Cascades Academy of Central Oregon

Individual owners of the property held in Trust for CACO include:

Danielle Easly Nye 2256 NW Eastes Bend, OR 97701

Mark Stamler 19543 Sunshine Way Bend, OR 97702

Peter F. King 19370 Cayuse Crater Court Bend, OR 97702

Robert Smith 60025 Ridgeview Drive, East Bend, OR 97702

MJP Special, LLC, An Oregon limited liability company 18686 Bull Springs Road Bend, OR 97701

William B. Boos Jr. and Kendra L. Boos, 22522 Rickard Road Bend, OR 97702

Thomas Felton Wimberly III and Julianne Stack Wimberly, husband and wife 61015 Bachelor View Drive Bend, OR 97702

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WATER RESOURCES DEPT SALEM, OPEGON

•	STATE OF OREGON MAY 2 4 1999	NELL I.D.# L 25 648	
	STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 597.765) Instructions for completing this report are on an example or this form.	62387 (START CARD) # 103918	
	(1) OWNER: Name Jim Randolph Well Number 92!	(9) LOCATION OF WELL by legal description:	
	Address 19620 Tumalo Reservoir Ro	County Deschates Latitude Longitude Township 17 N or Range 12 E or W. V	WM
	City Bend State OK Zip	Section 6 NW 1/4 NW 1/4	WDL
	(2) TYPE OF WORK	Tax Lot <u>FOD</u> Lot Block Subdivision	
	New Well Deepening Alteration (repair/recondition) Abandonmer (3) DRILL METHOD:	Street Address of Well (or nearest address)	
	TROTAL ME I HOD: TROTAL ME I HOD: TROTAL ME I HOD: Auger	19620 Tumbo Reservoir Ro	
	Other	430 ft. below land surface. Date 4/14/9	79
	(4) PROPOSED USE:	Artesian pressure lb. per square inch. Date	
	Domestic Community Industrial Irrigation Thermal Injection ILivestock Other	(11) WATER BEARING ZONES:	
	Thermal Injection Livestock Other (5) BORE HOLE CONSTRUCTION:	Depth at which water was first found 460	
	Special Construction approval Yes No Depth of Completed Well 480		
	Explosives used Yes No Type Amount	From To Estimated Flow Rate	SWL
	HOLE SEAL	460 480 15	430
	Dameter From To Material From To Cachar pounds	DEACHIED	\vdash
	8" 38/2 480	RECEIVED	
	How was seal placed: Method A B C D	(12) WELL LOG: APR U 5 ZU10	
	Other Doubes M. Dell	Ground Elevation WATER RESOURCES DEPT	
	Backfill placed fromft. toft. Material	Material SALEM DEFICION TO S	WL
	Gravel placed from ft. to ft. Size of gravel	Top Soil 0 2	
	(6) CASING/LINER:	Beown Volcanic Tuff 10 125	
	Casing: 8 7/2 38/2 250 X	Red Yolcanic Tuff 125 148	
		Brown Vokanic TUFF 148 280	
		Have been Basalt 280 305	
	Liner: 6" -20 480/88 🖼 🗆 🕱 🗆	SOFT BRING ROSALT 305 3/7 Hard GRAY BASALT 3/7 325	
		Hald bray Basalt 317 325 Frac Hay Basalt 325 340	
	Final location of shoo(s)	Hard Grev Rose IT 340 348	
	(7) PERFORATIONS/SCREENS:	SOFT bruy Rosalt 348 365	
	Perforations Method FacTory	Hard bley Resolt 345 392 Blown Clay STone 392 4/2	
	Screens Type Material Tele/pipe		30
	420 480 3X/1/4/0 Company of the Continue Line	Heed FREE, bley BOSEIT 430 480	263
	(8) WELL TESTS: Minimum testing time is 1 hour	Date started 3/24/99 Completed 4//4/99	
	Flowing State	(unbonded) Water Well Constructor Certification:	
	Pump Bailer Mair Attesian Yield gal/min Drawdown Drill stem at Thus	I certify that the work I performed on the construction, elteration, or abando of this well is in compliance with Oregon water supply well construction stand	lards.
	15 unkrown 480 1hr.	Materials used and information reported above are true to the best of my knowlead belief.	ledge
		WWC Number 1583.	~
	The state of the s	Signed Henry Hand Signed Signe	<u> </u>
	Temperature of water Depth Artesian Flow Found Was a water analysis done? Yes By whom	(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abendonment work	
	Did any strata contain water not suitable for intended use? Too little	performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well	
	Salty Muddy Odor Colored Other	construction standards. This report is true to the best of my knowledge and being	ief.
	Depth of strata:	Sinut Co 11 M et a WWC Number 5 8	7_
	ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT	SCOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER	-79

April 2nd March 16, 2010

Mr. Tim Wallin Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301-1271

RE: Application for a Permit to Use Groundwater Cascades Academy of Central Oregon (CACO)

Dear Mr. Wallin:

Enclosed please find an Application for a Permit to Use Ground Water and the required attachments. A check is enclosed for the amount of \$1,900 for the application fees. The application fees were computed as follows:

- Base Application Fee: \$1000

- Fee for first cfs (proposed for appropriation 0.0531 cfs): \$250

- Fee for each additional type of use: \$250

Permit Recording Fee: \$ 400

The application requests the use of 0.0531 cfs of groundwater for both commercial (school operations) and irrigation uses on the school grounds. The application proposes to pump groundwater from a well (to be installed on the property) into a storage tank, and then distributed to the school and irrigation system. The school will operate from September through June each year on the weekdays only (approximately 43 weeks per year-215 days). During weekends and summer periods the school will not be in session, therefore requiring no water uses during these periods.

Cascades Academy of Central Oregon is aware of the Deschutes Basin Mitigation Program requirements and upon receiving the Department's Proposed Final Order will be prepared to submit proof of mitigation credits provided through the Deschutes River Conservancy's approved mitigation bank.

Please copy Bruce Brody-Heine at 2600 NW Crossing Drive, Bend Or. 97701 on communications related to our applications. Please do not hesitate to call me at (541) 312.3297 if you have any questions or need additional information.

Sincerely,

Mark Stamler

CACO Board Member.

Enclosures:

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