

CONFEDERATE TRIBES OF THE UMATILLA INDIAN RESERVATION
DEPARTMENT OF NATURAL RESOURCES - WATER SOURCES
P.O. BOX 638, Pendleton, Oregon

(541) 966-2420

(541) 966-2440 fax

APPLICATION FOR WATER SYSTEM DEVELOPMENT PERMIT
NON-DOMESTIC WELL & NON-IRRIGATION WELL

DATE APPLICATION FILED 9-14-09
SECTION A.

APPLICATION NUMBER WP-509
APPLICATION FILING FEE \$250.00

1. APPLICANTS NAME AND MAILING AND STREET ADDRESS: CTUIR - Public Works Program
73239 Confederated Way Pendleton (Mission), Oregon 97801 PHONE: 541-278-4301

LEGAL LOCATION OF POINT OF DIVERSION:
1/4 of the NW 1/4 of Section 34, in T.2N, R. 33 E. W.M. Tax Lot [X] or Allotment [] Number: 4401

3. LEGAL DESCRIPTION OF THE PLACE OF USE:
That area described as the CTUIR Water and Sewer Service Area, present and future in the CTUIR Water Sewer master Plan.

4. LEGAL OWNER'S NAME AND MAILING AND STREET ADDRESS:
PLACE(S) OF USE CTUIR - Public Works Program 73239 Confederated Way Pendleton (Mission), Oregon 97801
PHONE: N/A

POINT OF DIVERSION CTUIR - Public Works Program 73239 Confederated Way Pendleton (Mission), Oregon 97801
PHONE: 541-278-0896

5. IF LEGAL OWNER IS DIFFERENT FROM APPLICANT, GIVE REASON WHY APPLICANT CAN MAKE THIS FILING
(attach copy of document authorizing this filing) N/A

6. PROPOSED BENEFICIAL USE OF WATER:

COMMERCIAL	[]	COMMUNITY	[]	CULTURAL	[]
MUNICIPAL	[X]	GENERAL FARM	[]	INDUSTRIAL	[]
STOCK WATERING	[]	PUBLIC	[]	OTHER	[]

7. WILL THE REQUESTED WELL BE USED TO SUPPLY WATER TO A PRE-EXISTING BENEFICIAL USE? Yes [X] No []
IF YES, FOR WHAT USE? Municipal (Attach a copy of the permit authorizing the pre-existing use.)

8. PROPOSED PUMPING RATE: 900 (GPM/GFS).

9. WATER SOURCE: Basalt Aquifer [X] Alluvial Aquifer [] Other [] Describe: _____

10. TYPE OF WELL: New Well [X] Change to an Existing Well []

A. EXISTING WELLS:

When was this well constructed (month and year, if known) N/A

Is a well log available? Yes [] No [] If yes, attach a copy of the log.

Is the well currently used? Yes [] No [] If yes, what is the current use of the well? N/A

If the well is not currently used, when was it last used and for what beneficial use? N/A

What is the proposed construction work on the existing well? Deepen [] Enlargement [] Recondition [] Other []

Describe N/A

The proposed well depth will be N/A feet and the surface casing diameter will be N/A inches upon completion.

B. NEW WELLS:

Proposed well depth in feet: 1200' Proposed well diameter in inches: 12"

11. PROPOSED WORK SCHEDULE: Begin Construction (month and year): August 2009 2010

Complete Construction (month and year): November 2009 2010

12. WHEN WILL YOU BEGIN USING WATER FROM THE WELL (month and year)? 2010

13. PROPOSED METHOD FOR MEASURING WATER USE: 6"-8" Propeller flow meter with totalizer and recorder.

14. IS THE WELL LOCATED IN A 100-YEAR FLOOD PLAIN? Yes [] No [X] Elevation of 100 year flood: N/A Feet

15. WELL DRILLING CONTRACTOR (Name and Address): To be determined
PHONE: _____

16. EXISTING DIVERSIONS:

A. DESCRIBE ALL EXISTING DIVERSIONS (wells, ditches, canals, pumps, etc.). IF ANY, WHICH SERVE THE PLACE(S) OF
USE LISTED IN ITEM #3: Tribal Municipal Wells #1, #2, #3, #4, and #5

B. EXPLAIN WHY THE EXISTING DIVERSION WORKS DOES NOT PROVIDE THE QUANTITY OR QUALITY OF
WATER TO SUPPORT THE BENEFICIAL USE REQUESTED IN #6. Wells #1 thru #5 are pumping the maximum
permitted quantity.

17. DESCRIBE ANY WATER QUALITY OR QUANTITY PROBLEMS OF THE WATER SOURCE AT THE POINT OF
DIVERSION LISTED IN ITEM #3 There are no known water quality or quantity problems

Applicants Initial RA

SECTION B

1 PERMIT APPLICATION SITE PLAN

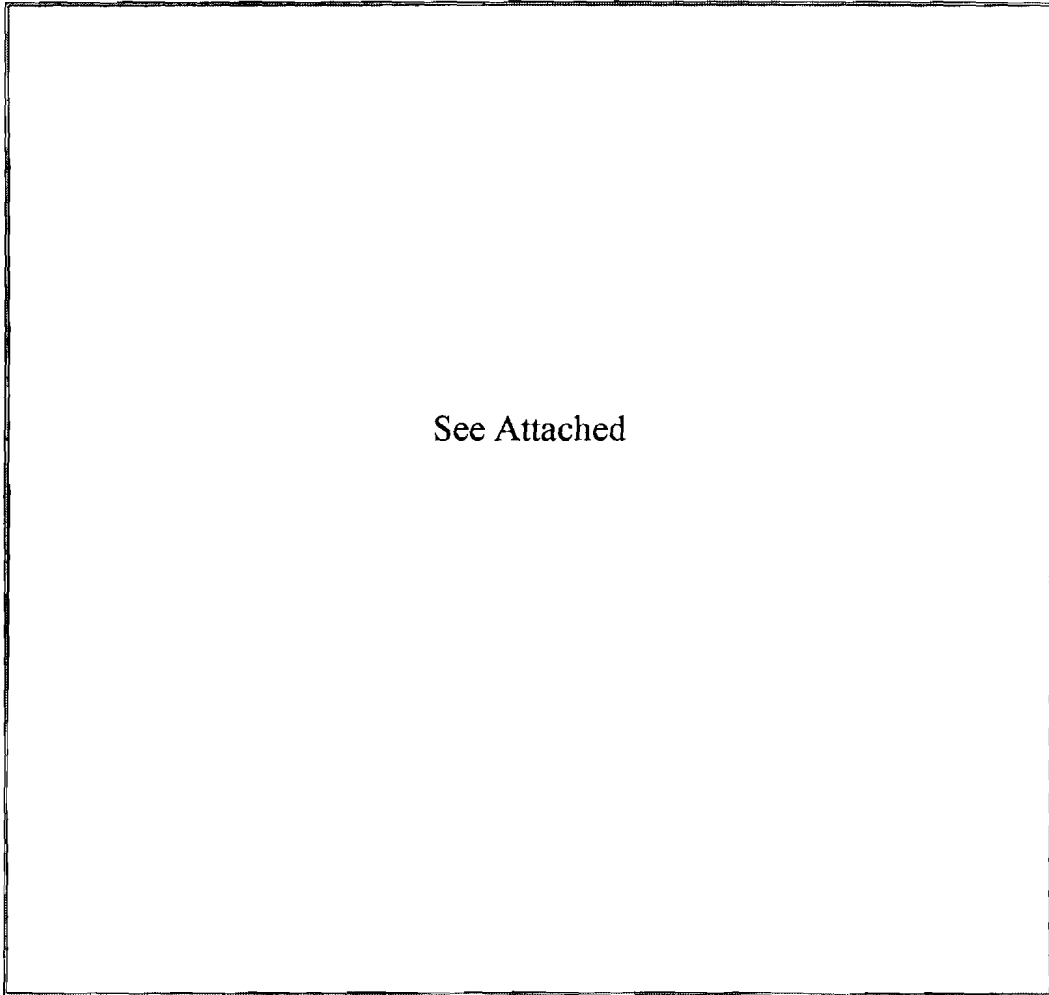
Application Number: _____

SITE PLAN:

In the space provided below, or on a separate sheet, provide a site plan (map) that is drawn to scale and labeled showing the point of diversion and the place of use including:

1. North Arrow.
2. The location of the place of use (project site).
3. Location of property lines within 150 feet of the well or point of diversion.
4. Location of all easements, rights of way, and utilities within 30 feet of the well or diversion.
5. Location of all existing and proposed septic systems within 150 feet of the well or diversion.
6. All streams, roads and driveways within 150 feet of the well or point of diversion.
7. Location of all wells and diversions, including proposed new wells or diversions within 150 feet of the proposed well or diversion

(Attach a separate sheet if necessary)



MAP SCALE: N/A

I hereby certify that the information in this application and site plan is true, accurate, and complete to the best of my knowledge. I understand that issuance of a permit based on this application will not excuse me from complying with all applicable ordinances and resolutions despite any errors on the part of the issuing authority in reviewing this application. I understand that if a Tribal Water Permit is approved and issued as a result of the filing of this application, the permittee gives his/her consent and approval to Tribal representatives to enter upon permittee's land and appurtenances for the purposes of the administration and enforcement of the permit.

Sandra Alexander PUBLIC UTILITY MANAGER
Applicants Signature

9/10/09
Date

EXHIBIT # 1

SECTION C THIS SECTION TO BE FILLED OUT BY THE APPLICANT.

(If more space is needed, use reverse side)

Subject Property:

Township 2 North Range 33 East Section 34 Tax Lot/Allotment TL-4401

Other: CTUIR

SECTION D: THIS SECTION MUST BE FILLED OUT BY THE CTUIR PLANNING OFFICE

(If more space is needed, use reverse side)

Land Use Zone: Aq-1

Map Number: 2033

Legal Lot of Record:

Yes

No

Buildable Lot:

Yes

No

Current Zone Violation on Property:

Yes

No

If YES, Please specify:

Comments:

Patty Perry
(Name)

4-16-09
(Date)

Assoc. Planner
(Title)

SECTION E: THIS SECTION MUST BE FILLED OUT BY THE CTUIR WATER RESOURCES PROGRAM - OFFICE OF WATER QUALITY

(If more space is needed, use reverse side)

Watershed: Patawa-Tutuila

Stream or water body: South Patawa Cr.

Tributary of: Patawa-Tutuila-Umatilla

Will this proposed project potentially violate Water Quality Standards?

Yes

No

Will this project require a Water Quality Review?

Yes

No

Comments: Drain line must be outfitted with a dechlorination unit and drain times must be engineered to eliminate possibility of emission in Patawa Cr.

Robin M. Harris
(Name)

4-9-09
(Date)

Water Quality Coordinator
(Title)

SECTION F: THIS SECTION MUST BE FILLED OUT BY THE CTUIR CULTURAL RESOURCES PROGRAM

(If more space is needed, use reverse side)

Has this property been subject to a previous Cultural Resource Survey?

Yes

No

Will a project on this property require a Cultural Resource Investigation?

Yes

No

Comments: Please contact the CRPP to discuss project.

Carney DeBeller
(Name)

4/7/09
(Date)

Tahiti Historic Preservation Officer
(Title)

SECTION G: THIS SECTION MUST BE FILLED OUT BY THE CTUIR FISHERIES PROGRAM

(If more space is needed, use reverse side)

Will this project require a fisheries habitat assessment?

Yes

No

Is this property within an existing Riparian Easement?

Yes

No

If "Yes" then indicate the description and extent of the easement below.

Comments:

N/A

(Name)

(Date)

(Title)

NOTE: Signature of a Planning Department or any other Official is not authorization to construct. It is the responsibility of the applicant to obtain any necessary documents permitting development.



Public Works
Water & Sewer
Facility Maintenance

CONFEDERATED TRIBES
Of the

Umatilla Indian Reservation

P.O. Box 638
PENDLETON, OREGON 97801
Area Code 541 Phone 278-0896
Fax 276-4301

October 16, 2009

To: Ron Lee

According to the study for the Water and Wastewater System Master Plan, the high level system, which this well and reservoir would serve, is projected to have an annual water use of 614ac-ft in 2011 and 963 ac-ft in 2025. Therefore we are requesting 400 to 600 ac-ft. this includes all uses including the golf course.

Well No. 5 has a permit for 200 ac-ft, leaving approximately 400 ac-ft for 2011 needs and 763 ac-ft by 2025. If the additional permitted water use form Wells No. 1 and No. 2 are granted, the lower system should be okay with existing wells, not including Well No. 5.

If the new Well has a pumping capacity of 500gpd, it could produce 600ac-ft pumping an average of 18 hr/day. If it had a pumping capacity of approximately 330gpm, it could produce 400 ac-ft pumping an average of 18 hr/day. It will be necessary to develop more the one well, as outlined in the Master Plan, to meet 2025 demands.

Sincerely,

Sandra Alexander, Public Utility Manager

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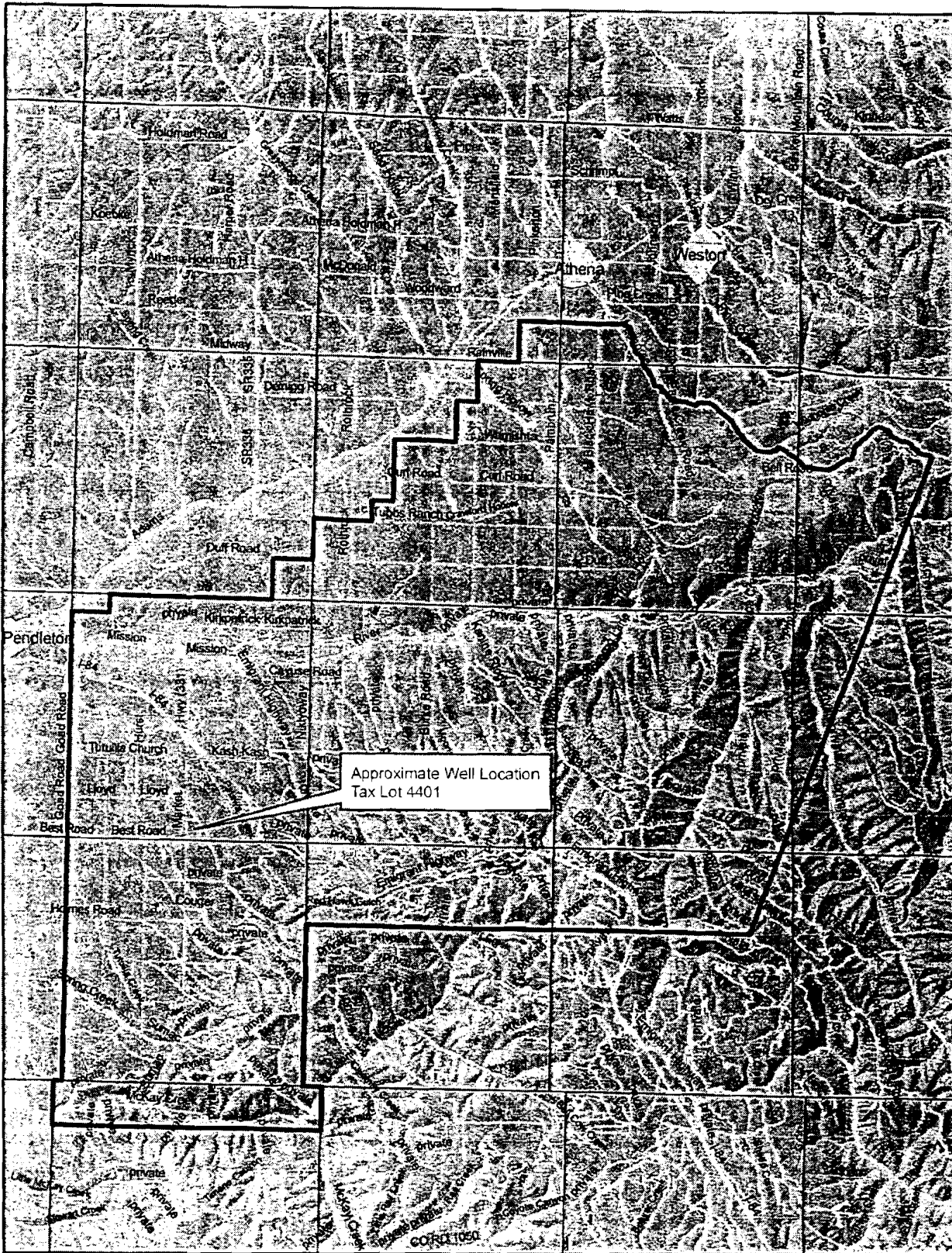
OCT 15 2009

WATER RESOURCES PROGRAM

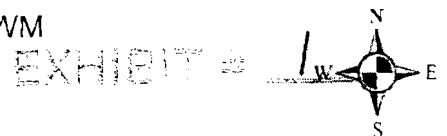
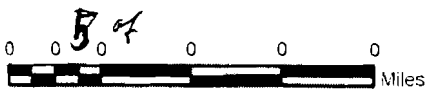
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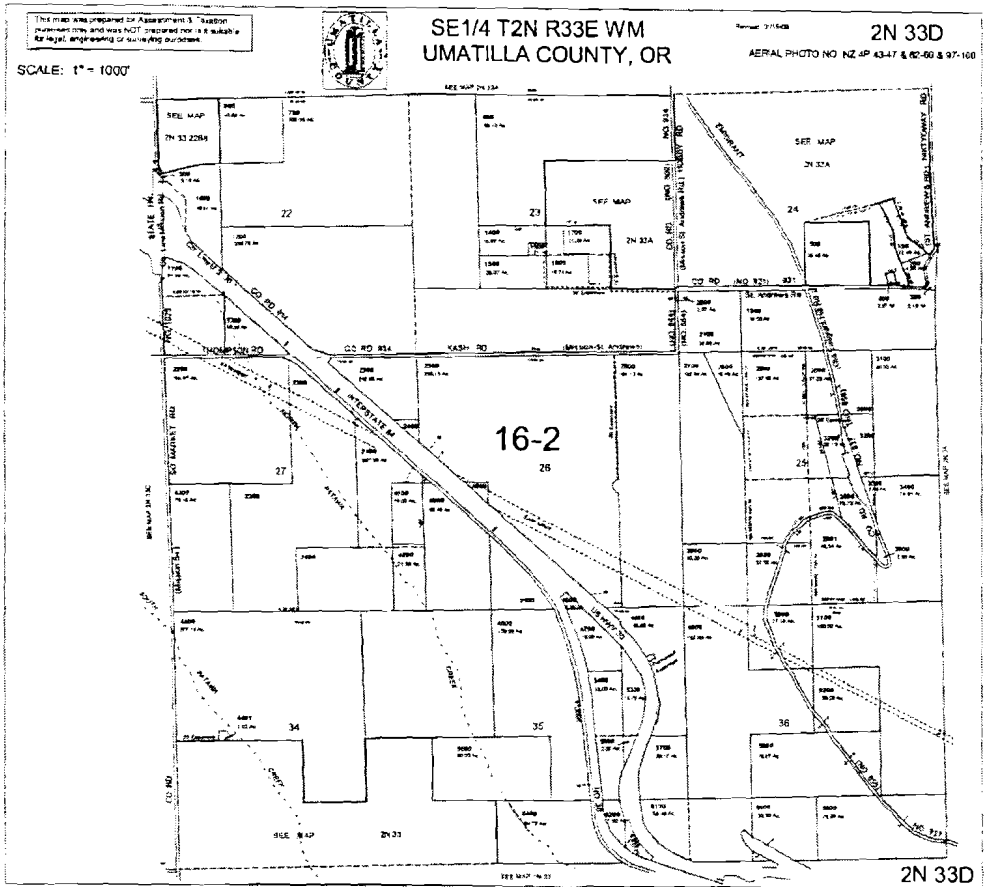
4 of

Umatilla Indian Reservation



C.T.U.I.R. Public Works
 Proposed Well #6 Location
 SE 1/4 of the NW 1/4 Section 34 2N 33E WM
 Tax Lot 4401





8-13

EXHIBIT # 1

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EAST



CONFEDERATED TRIBES OF THE
UMATILLA INDIAN RESERVATION
WATER IMPLEMENTATION
DUFF PROPERTY - REVISED
RESERVOIR AND WELL SITE

FIGURE
1B

1113

NOTE
 1. LEGAL DESCRIPTIONS OF THE PROPERTY
 DEPICTED ON THIS SKETCH ARE CONTAINED IN
 EXHIBIT A.

LEGEND

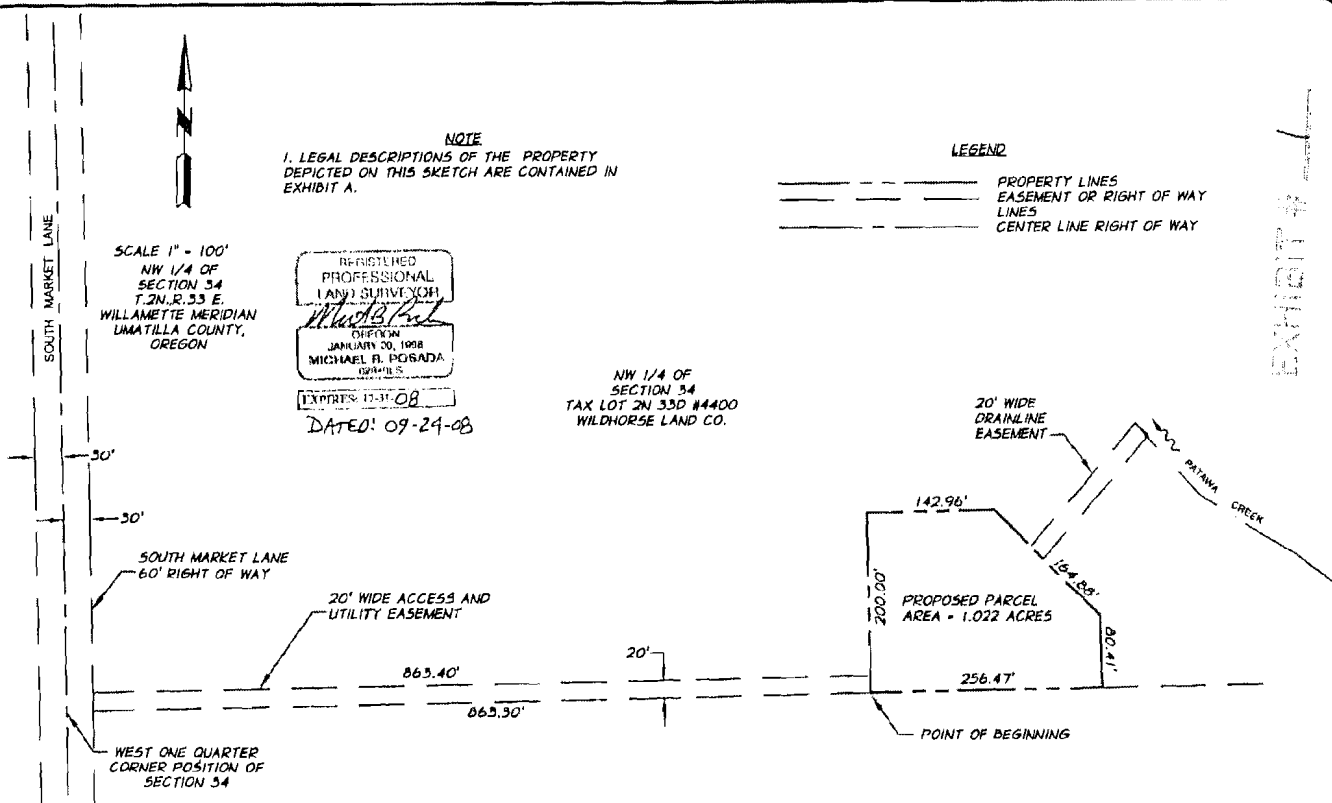
- — — — — PROPERTY LINES
- - - - - EASEMENT OR RIGHT OF WAY LINES
- — — — — CENTER LINE RIGHT OF WAY

SCALE 1" = 100'
 NW 1/4 OF
 SECTION 34
 T.2N., R. 33 E.
 WILLAMETTE MERIDIAN
 UMATILLA COUNTY,
 OREGON

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
Michael R. Posada
 OFFICE
 JANUARY 30, 1988
 MICHAEL R. POSADA
 054415

EXPIRES 12-31-08
 DATED: 09-24-08

NW 1/4 OF
 SECTION 34
 TAX LOT 2N 33D #4400
 WILDHORSE LAND CO.



	CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION WATER IMPLEMENTATION	EXHIBIT B
	PROPERTY SKETCH - WILDHORSE LAND CO. TAX LOT 2N 33D #4400	

SW 1/4 SW 1/4 NW 1/4 Sec 34 2N 33E

8 #13

**EXHIBIT A
LEGAL DESCRIPTION OF PROPERTY
A PORTION OF TAX LOT 2N 33D #4400
WILDHORSE LAND CO.**

A parcel of land located within the Northwest One-Quarter of Section 34, Township 2 North, Range 33 East, Willamette Meridian, Umatilla County, Oregon. Said parcel of land being a portion of that property described in that Statutory Warranty Deed to Wildhorse Land Co., an Oregon Corporation, filed, June 2nd 1993 as Document number 93-182723 in Reel 236, Page 435 of the Umatilla County Deed Records. Said parcel is more particularly described as:

Commencing at the Northwest corner of said Section 34, marked by a brass cap monument set 0.2 feet below the pavement in the centerline intersection of Lloyd Road and South Market Lane, as shown on Umatilla County Survey Number 98-232-B, filed for record in November, 1998 in the office of the Umatilla County Surveyor; **Thence** S01°36'54"E, along the West line of said Section 34, a distance of 2656.93 feet to the West One-quarter corner position of said Section 34, from which the Southwest corner of said Section 34, marked by a spike and a bottle cap, set 0.3 feet below the pavement, also shown on said Survey Number 98-232-B, bears S01°36'54"E, a distance of 2656.93 feet; **Thence** N88°35'14"E, along the East-West center section line of said Section 34, a distance of 893.30 feet to the Southwest corner of said parcel and the **Point of Beginning** of this description; **Thence** continuing N88°35'14"E, along said East-West center section line, a distance of 256.47 feet, to the Southeast corner of said parcel, from which the Center West One-sixteenth corner of said Section 34, marked by a brass cap monument, set 1.5' below ground, bears N88°35'14"E, a distance of 179.51 feet; **Thence** N01°24'46"W, a distance of 80.41 feet; **Thence** N44°55'16"W, a distance of 164.88 feet; **Thence** S88°35'14"W, a distance of 142.96 feet; **Thence** S01°24'46"E, a distance of 200.00 feet to the Point of Beginning of description, containing 44,507 square feet or 1.022 acres.

Together with: A non-exclusive 20 foot wide Access and Utility Easement, located within said Northwest One-Quarter of Section 34, and described as follows: Commencing at said West One-quarter corner position of Section 34; **Thence** N88°35'14"E, along the East-West center section line of said Section 34, a distance of 30.00 feet to the East right of way line of said South Market Lane and the Point of Beginning of this Access and Utility Easement description; **Thence** continuing N88°35'14"E, along said East-West center section line, a distance of 863.30 feet to the Southwest corner of said parcel of land; **Thence** N01°24'46"W along the West line of said parcel of land, a distance of 20.00 feet; **Thence** S88°35'14"W, a distance of 863.37 feet to said East right of way line of South Market Lane; **Thence** S01°36'54"E, a distance of 20.00 feet to the Point of Beginning of this Access and Utility Easement description, containing 17,266 square feet or 0.396 acres.

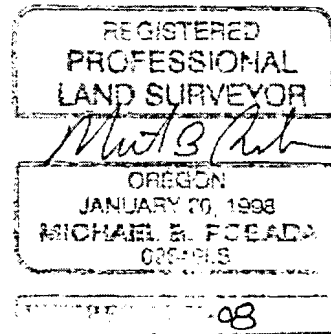
EXHIBIT # 1

ALSO Together with: A 20 foot wide Drain Line Easement, 10 feet on each side of a Drain Line, "as constructed", running from the above described parcel Easterly to Patawa Creek.

Subject to: Easements, Reservations, Covenants and Restrictions of record and in view.

The Basis of Bearing for this Legal Description is S01°36'54"E along said West line of Section 34 between said found monuments at the Northwest and Southwest corners of Section 34.

Prepared by Anderson-Perry & Associates, Inc.
October 16, 2008



DATED: 10-16-08

EXHIBIT # 1



United States Department of the Interior
BUREAU OF INDIAN AFFAIRS
Umatilla Agency
Post Office Box 520
Pendleton, OR 97801

COPY



JUL 30 2009

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

The Honorable Ted Kulongoski
Governor of Oregon
233 State Capitol
Salem, OR 97310

RECEIVED

AUG - 5 2009

CTUIR
Land Acquisition

Dear Governor Kulongoski:

This agency has under consideration an application for acquisition of a 1.022 acre tract by the United States to be held in trust for the use and benefit of the Confederated Tribes of the Umatilla Indian Reservation. The Confederated Tribes of the Umatilla Indian Reservation's proposed use of the property is for the continued use of well 6 of the Mission Community Water System.

The property is described as follows:

Tract I

A parcel of land located within the Northwest Quarter of Section 34, Township 2 North, Range 33, East, Willamette Meridian, Umatilla County, Oregon, said parcel of land being a portion of that property described in that Statutory Warranty Deed to Wildhorse Land Co., an Oregon corporation, filed June 2, 1993 as Document Number 93-182723 in Reel 236, Page 435 of the Office of Umatilla County Records, said parcel is more particularly described as:

Commencing at the Northwest corner of said Section 34, marked by a brass cap monument set 0.2 feet below the pavement in the centerline intersection of Lloyd Road and South Market Road, as shown on Umatilla County Survey No. 98-232-B, filed for recorded in November, 1998 in the office of the Umatilla County Surveyor; thence South 01°36'54" East, along the West line of said Section 34, a distance of 2,656.93 feet to the West one-quarter corner position of said Section 34, from which the Southwest corner of said Section 34, marked by a spike and bottle cap, set 0.3 feet below the pavement, also shown on said Survey Number 98-232-B, bears South 01°36'54" East, a distance of 2,656.93 feet; thence North 88°35'14" East, along the East-West center section line of said Section 34, a distance of 30.00 feet to the East right-of-way line of said South Market Road, the Point of Beginning of this description; thence continuing North 88°35'14" East, along said East-West center section line, a distance of 1,119.77 feet to the Southeast corner of said parcel, from which the center West one-sixteenth corner of said Section 34, marked by a brass cap monument, set 1.5 feet below ground, bears North 88°35'14" East, a distance of 179.51 feet; thence North 01°24'46" West, a distance of 80.41 feet; thence North 44°55'16" West, a distance of 164.88 feet; thence South 88°35'14" West, a distance of 142.96 feet; thence South 01°24'46" East, a distance of 170.00 feet; thence South 88°35'14" West, a distance of 30.00 feet North of

EXHIBIT # 1

H 413

and parallel to said East-West center section line of Section 34, a distance of 863.40 feet, to said East right-of-way line of South Market Road; thence South 01°36'54" East, along said East right-of-way line, a distance of 30.00 feet to the Point of Beginning of this description.

Tract II

A 20 foot Drain Line Easement and all appurtenances thereto, 10 feet on each side of a Drain Line "as constructed" running from the above described Tract I, Easterly to Patawa Creek. Containing approximately 1.022 acres of land with easement.


The determination to acquire or not to acquire this property in trust will be made in the exercise of the Secretary of the Interior's discretionary authority. To assist the Secretary in the exercise of that discretion, and pursuant to regulations in Title 25, Code of Federal regulations, Part 151, entitled Land Acquisitions; we invite your comments on the proposed acquisition. In order for the Secretary to assess the impacts of the removal of this property from the tax rolls, we also request the following information:

- (1) The annual amount of property taxes currently levied on the property.
- (2) Any special assessments, and amounts thereof, which are currently assessed against the property.
- (3) Any governmental services which are currently provided to the property by your jurisdiction.
- (4) If subject to zoning, how the property is currently zoned.

Please address the information and comments to the Superintendent, Bureau of Indian Affairs, P. O. Box 520, Pendleton, OR 97801. Any comments received within 30 days of the date of receipt of this letter at the above address will be considered. You may be granted an extension of time to furnish comments, provided you submit written justification requesting such extension within 30 days of receipt of this letter. Your comments will be made available to the applicant. You will be notified of the decision to approve or deny the application.

A copy of the application, excluding any documentation exempted under the Freedom of Information Act, is available for review at the above-listed address. Please contact the Branch of Real Estate Services at telephone number (541) 278-3787, to make an appointment to review the application.

Sincerely,



Superintendent

Cc: Confederated Tribes of the Umatilla Indian Reservation

EXHIBIT # 1

WELL # JMW # 6
 WELL ID 02N/33E-34bcd
 DATE RECEIVED 1-18-12
 FOR OFFICE USE ONLY

WELL DRILLER'S REPORT

Well Permit # WR-509

1. Well Owner

Name: Confederated Tribes of the Umatilla Indian Reservation
 Address: 46411 Timine Way
 City/State: Pendleton, OR 97801

2. Type of Work

New Well Deepening Abandonment
 Reconditioning
 Other _____

3. Well Drilling Method

Rotary Air Cable Hydraulic
 Dug Reverse Rotary Other

4. Proposed Beneficial Use of Water

Domestic Irrigation Municipal Stock
 Industrial Other _____

5. Well Construction

Date Started 5/18/11 Completed 11/25/11

Total Well Depth 1068 ft.

Well Seal :

Material Used: neat cement grout
 Well Sealed from land surface to 405 ft.
 Well Bore diameter surface to bottom of seal 30x18 in.
 Well Bore diameter below seal 12x10 in.
 Number of sacks cement grout used in seal 528 +
 Method of applying cement grout Through stab-in shoes and through premix placed in a annulus

Method of Well Disinfection:

Material Used Chlorine (granular)
 Amount 4 + #

Casing schedule: Steel Plastic

Welded Threaded
 Casing Gauge or Thickness .375
 Casing Diameter: 18 in. from 0.7 ft. to 47 ft.
12 in. from 12.0 ft. to 405 ft.

plate welded between casings at top of 18" casing.
 Liner installed: * in. dia. from 380 ft. to 1069 ft. \rightarrow
 Liner Gauge *

Perforated: Yes No (in 10" liner) **

Type of Perforator used rotary (Heltek)
 Size of Perforations 3/16 in. by 1 in.
 From 405 ft. to 700 ft.

Well Screen Installed : Yes No

Manufactured by: Alloy
 Type Heavy V-wire wrap Model# 304SS
 Diameter 8ps in. Slot size 150 by
 Set From 1001 ft. to 1011 ft.

6. Water Level

Static Water Level 59 feet below above land surface.

Flowing? Yes No. G.P.M. Flow _____

Artesian closed in pressure _____ psi.

Controlled by Valve Cap Plug

Temperature 60 °F

7. Well Test Data

Drawdown is amount water level is lowered below static level.

Was a pump test made? Yes No If Yes, by whom?

Schneider Equipment Inc.
 Yield 1020 GPM with 194 ft. drawdown after 24 hrs.
 Yield _____ GPM with _____ ft. drawdown after _____ hrs.
 Air test: _____ GPM with drill stem at _____ ft for _____ hrs.
 Bailor _____ GPM with _____ ft drawdown after _____ hrs.

8. Location of Well

2N/33E-34bcd
SE 1/4 of the SW 1/4 of the NW 1/4 of
 Section 34 T 2N R 33E W.M.
 Tax Lot # 4401 Allotment# _____
 Subdivision _____
 Block _____ Lot _____

9. Lithologic Log/Well Log

Describe Nature and thickness of materials at each change of formation and aquifer penetration. Report each change in position of Static Water Level (SWL) and indicate water bearing strata.

Material Description	Hole Diameter	From	To	Water Bearing	SWL
<u>see attached formation log</u>					
* Liners:					
<u>10" x .250</u>	<u>**</u>		<u>380</u>	<u>678</u>	
<u>10" x .365</u>	<u>**</u>		<u>678</u>	<u>710</u>	
<u>8" x .322</u>	<u>blank</u>		<u>685</u>	<u>721</u>	
<u>8" x .322</u>	<u>perf.</u>		<u>721</u>	<u>781</u>	
<u>8" x .322</u>	<u>blank</u>		<u>781</u>	<u>821</u>	
<u>8" x .322</u>	<u>perf</u>		<u>821</u>	<u>841</u>	
<u>8" x .322</u>	<u>blank</u>		<u>841</u>	<u>881</u>	
<u>8" x .322</u>	<u>perf</u>		<u>881</u>	<u>1001</u>	
<u>8" x .322</u>	<u>perf</u>		<u>1011</u>	<u>1068</u>	

10. Licensed and Bonded Well Driller Certification

I/We certify that minimum well construction standards were complied with at the time of drilling and that the information contained in this log is true and accurate.

Firm Name Schneider Equipment, Inc.

License Number 92-04

Address 2881 River Road NE, St Paul, OR 97857

Signed By (Firm Official) Stephen Schneider

Date 12/12/11

Operator Pat Ivers

License# 11-3

Date 12/11

Confederate Tribes of the Umatilla Indian Reservation - Well No. 6

by Schneider Drilling Co.

Start Card W201155; Label #L100770

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>WB?</u>	<u>SWL</u>
0	2	Topsoil		
2	4	Clay, brown, soft		
4	6	Clay, brown, gravel, cobbles, sandy		
6	8	Gravel, cobbles & sand		
8	22	Gravel, cobbles & sand w/cementation		
22	25	Gravel, cobbles & sand, multicolored, coarse w/cementation & clay, brown, medium		
25	30	Gravel, cobbles & boulders; cemented		
30	45	Basalt, brownish gray, medium, some fractures		
45	55	Basalt, gray, hard, occasional fracture		
55	80	Gravel, multicolored, 2"- & some cobbles	X	52
80	90	Basalt, brown, soft w/claystone, brown, soft-medium		
90	111	Basalt, brown & gray, medium, fractured		
111	131	Gravel, brown & gray, 2"-	X	55
131	151	Gravel, brown, 1"- w/claystone, tan, soft, medium	X	60
151	172	Basalt, brown & gray, medium, fractured, some vesicles		
172	186	Basalt, brown & gray, weathered, soft-medium, occ. quartz		
186	263	Basalt, gray & brown, hard, fractured, occ. Claystone, white & green, hard		
263	271	Basalt, red, medium, fractured, some claystone, tan & green, medium		
271	305	Basalt, red, medium, fractured, some claystone, tan, medium		
305	336	Basalt, brown, broken	X	60
336	361	Basalt, red & brown, soft-medium, fractured, vesicular w/claystone, tan, medium		
361	384	Basalt, brown, medium, fractured w/claystone, tan, medium		
384	395	Basalt, brownish gray, medium, broken	X	60
395	408	Basalt, dark gray, medium, frac. w/claystone, black-green-brown, med.; some quartz		
408	416	Basalt, brown, medium, some fractures	X	60
416	428	Basalt, brown & red, medium, fractured w/claystone, tan, medium		
428	432	Basalt, black, medium, fractured w/claystone, blue, medium		
432	441	Basalt, brown, medium, fractured w/claystone, brown, medium		
441	473	Basalt, gray, hard some fractures w/claystone, green & brown, medium; some quartz		
473	501	Basalt, brown & red, medium, fractured, some vesicles w/claystone, tan, medium	X	60
501	521	Basalt, brown, medium, fractured	X	60
521	600	Basalt, brown-black-red, med., frac., some vesicles w/claystone, tan & blue, med.	X	62
600	605	Basalt, brown & red, medium, fractured		
605	620	Basalt, brownish gray, hard, fractured		
620	662	Basalt, brown, medium, vesicular w/claystone, tan, med. some clay, brown, soft		
662	709	Basalt, gray, medium-hard, fractured		

Confederate Tribes of the Umatilla Indian Reservation - Well No. 6

by Schneider Drilling Co.

Start Card W201155; Label #L100770

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>WB?</u>	<u>SWL</u>
709	730	Basalt, dark gray, med-hard, fractured, some vesicles	X	60
730	745	Basalt, gray & brown, medium-hard, fractured	X	60
745	756	Basalt, brown, medium, fractured	X	60
756	775	Basalt, gray & brown, medium, fractured & some claystone, gray & tan, medium		
775	782	Basaltm brown & gray, medium-hard, fractured		
782	803	Basalt, brown & gray, medium, fractured & some claystone, yellow, medium		
803	805	Basalt, dark gray, hard, fractured		
805	817	Basalt, gray & brown, medium-hard, fractured		
817	832	Basalt, brown, medium, fractured	X	61
832	856	Basalt, gray & brown, medium, fractured		
856	877	Basalt, gray, hard, some fractures		
877	947	Basalt, gray & brown, hard, fractured		
947	956	Basalt, red, soft, fractured, vesicular	X	62
956	962	Basalt, black, soft, fractured, some vesicles	X	62
962	996	Basalt, dark gray, medium-hard, fractured		
996	1008	Basalt, brown, soft, fractured, vesicular	X	62
1008	1015	Basalt, black, soft, fractured, some vesicles	X	62
1015	1017	Basalt, brown, soft, fractured, vesicular	X	62
1017	1026	Basalt, black & brown, soft, fractured, some vesicles	X	62
1026	1032	Basalt, dark gray, soft-medium, fractured	X	61
1032	1053	Basalt, brown, soft-medium, fractured & some claystone, yellow, soft	X	61
1053	1058	Basalt, dark gray, soft-medium, fractured	X	61
1058	1068	Basalt, dark gray, medium-hard, some fractures		

NOTES: WB zones are estimated.

SWL changes can be from other well pumping, atmospheric pressure change, & seasonal.

CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION
Department of Natural Resources, Water Resources Program
46411 Pendleton, Oregon 97801
(541) 429-7200

WATER SYSTEM DEVELOPMENT PERMIT

Permit Number: WP-509

Permittee Name and Street Address: CTUIR-PUBLIC WORKS PROGRAM
46411 Timine Way, Pendleton, Oregon 97801

Mailing Address: Same

By exercising this permit to develop a water system, the permittee, or holder of this permit, agrees to allow tribal representatives to enter upon permittee's land and appurtenances for the purposes of administration and enforcement of this permit.

Beneficial Use: MUNICIPAL

Legal Description of Point of Diversion: The SE ¼ of the SW ¼ of the NW ¼ of Section 34,
Township 2 North, Range 33 East, WM, Tax Lot 4401, Umatilla Indian Reservation

Legal Place of Use Mission Community Water System

Water Source: Ground Surface None

Name of Surface Source: N/A

Maximum Diversion Rate (GPM or CFS): 900 gallons per minute

Maximum quantity of water, in acre feet, to be used per year: 200 acre feet per year

Type of Construction: Water Well Surface Diversion Other
describe: _____

Contractor Name and Address: To Be Determined

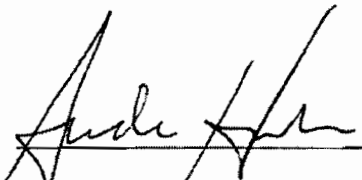
Permit Start Date: January 22, 2010 Permit Expiration Date: January 22, 2015

Permit Conditions:

See Page Two For Permit Conditions

Conditions: Water System Development Permit #WP-509

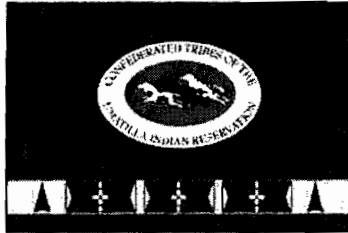
1. The maximum pumping rate for permit WP-509 shall be 900 gallons per minute as specified for municipal wells in the Administrative Rules and Standards to the Water Code, 2004, Section 202.6
2. The maximum withdrawal for permit WP-509 shall be 200 acre feet per year.
3. A flow and totalizing meter shall be maintained on the well and that the Tribal Public Works Department will provide monthly reports to the Tribal Water Resources Program that give the amount of water pumped from each well and the static water or pumping level in each well in order to monitor water levels in the aquifer.
4. The Director of the Department of Natural Resources, or his designee, shall have access to the well to monitor water levels and water use to assess the impact of pumping on the aquifer. An access port, of a design approved by the Director prior to commencement of well construction, shall be installed to measure water levels.
5. Tribal Public Works will provide copies of the daily logs from wells 1 through 6 showing water level readings at least once a month to the Department of Natural Resources, Water Resources Program.
6. All water uses attached to the Mission Community Water System shall adhere to the Standards for Beneficial Use as adopted by the Tribal Water Commission.
7. Tribal government reserves the right for future actions, considerations, and modifications such as reducing the pumping rate, total annual withdrawal, etc, if water level declines occur in the basalt aquifer in the vicinity of the proposed well.


Eric Quaempts, Director,
Department of Natural Resources

1/22/10
Date of Validation

**Confederated Tribes *of the*
Umatilla Indian Reservation**

Office of the Executive Director



46411 Timine Way
Pendleton, OR 97801

www.ctuir.org
Phone 541-276-3165

email: info@ctuir.org
Fax: 541-276-3095

June 20, 2012

Phil Ward
Director
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

Re: Tribal Well No. 6

Dear Phil,

Pursuant our commitment under the Intergovernmental Agreement dated April 10, 2012, enclosed please find the Tribal Water Permit Application filed by our Public Works Department for Tribal Municipal Well No. 6.

We are also enclosing the Tribal permit that was issued for Well No. 6 and the associated well log. In the event you have any questions regarding these documents, feel free to contact Aaron Skirvin, Tribal Water Resources Program Manager, at 541-429-7288.

Sincerely,

J. David Tovey
Executive Director

Enclosures