

Phone: (509) 674-7433 Fax: (509) 674-7419

TO KITTAS COUNTY HEALTH DEPT.
411 N RUBY ST., SUITE 3
EBURG, WA 98926

DATE <u>5-21-07</u>	JOB NO. <u>06305</u>
ATTENTION <u>CATHERINE ZAMBELI, M.S.</u>	
RE: <u>WENGER SHORT DUT</u>	

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

- Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
<u>1</u>		<u>18</u>	<u>WATER AVAILABILITY LETTER / REPORT</u>

RECEIVED
 MAY 21 2007
 KITTAS COUNTY
 ODS

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment _____
 FOR BIDS DUE _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO KIDS PLANNER - DAN VALOFF

SIGNED: VAR JOHNSON



May 18, 2007

Kittitas County Health Department
411 N. Ruby Street Suite 3
Ellensburg, WA 98926

ATTN: Catherine Bambrick, M.S.
RE: Wenger Short Plat

Dear Ms. Bambrick:

This letter is written as a water availability report to present information that would indicate that potable water is likely to be attained by drilling individual wells on the proposed short plat lots or that shared wells or a Class "B" well(s) could meet the water demands of the short plat.

The proposed short plat lies adjacent to the Highline Canal along the southern boundary and Big Creek along the western boundary in the east half of the northeast quarter of Section 29, Township 20 North, Range 14 East, W.M. The existing topography generally slopes northerly across the parcel.

Data on existing well logs was gathered within approximately one quarter of a mile from the proposed short plat. Well logs were obtained for nine wells in Section 29 and three wells in Section 28. The well logs indicate a high probability of encountering potable water.

The wells vary in depth from 42 feet to 80 feet with the average depth for the twelve wells at 59 feet. The well production quantities vary from 8 gallons per minute to 100 gallons per minute with the average for the twelve wells at 29 gallons per minute. The static water level in the wells varies from 10 feet to 58 feet with the average level at 30 feet.

Based on the well log information, I recommend the Wenger Short Plat be approved because of the probability that individual wells could be drilled on the lots or shared wells could be drilled to serve two lots or a Class "B" well(s) could be drilled with a minimum production to serve three lots. This recommendation is based on the existence and productivity of the wells previously mentioned. This recommendation should not be construed to be a guarantee that wells can be drilled at any particular location or depth and there is no guarantee on the production of the well(s).

May 18, 2007
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Thank you for your consideration. Please call me if you have any questions.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Chad Allen", followed by a long horizontal flourish.

Chad Allen, P.E.
ENCOMPASS ENGINEERING AND SURVEYING

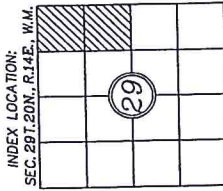
Enclosures

Cc: Mark & Darcy Wenger

WENGER SHORT PLAT
KITTITAS COUNTY SHORT PLAT NO. 07-XX
PORTION OF THE NE 1/4, SEC.29 T.20N., R.14E., W.M.
KITTITAS COUNTY, WASHINGTON

SURVEY NOTES:

1. THE EXTERNAL BOUNDARY OF THIS SHORT PLAT IS CONCEPTUAL AT THIS TIME. A CORRECT BOUNDARY WILL BE PROVIDED AT FINAL SHORT PLAT.
2. THE PURPOSE OF THIS DOCUMENT IS TO SHORT PLAT PARCEL NUMBER 479134, MAP NUMBER 20-14-29010-0010, TO THE CONFIGURATION SHOWN HEREON.
3. KITTITAS COUNTY RELIES ON ITS RECORD THAT A SUPPLY OF POTABLE WATER EXISTS. THE SURVEYOR HAS BEEN ADVISED THAT THERE IS A LEGAL RIGHT TO WITHDRAW GROUNDWATER WITHIN THE LAND DIVISION.
4. CONTOURS ARE NOT ESTABLISHED FOR THE PARCEL SHOWN HEREON. THE PROPERTY IS PRIMARILY FLAT WITH A GRADUAL SLOPE TO THE NORTH.



GRAPHIC SCALE
 (IN FEET)
 1 inch = 100 ft



RECORDER'S CERTIFICATE
 Filed for record this _____ day of _____, 20____ at _____ M
 in book _____ of _____ at the request of
 DAVID P. NELSON
 Surveyor's Name

County Auditor _____ Deputy County Auditor _____

SURVEYOR'S CERTIFICATE
 This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act of the request of MARK & GABRY WENGER in _____ NOV _____ 2008.

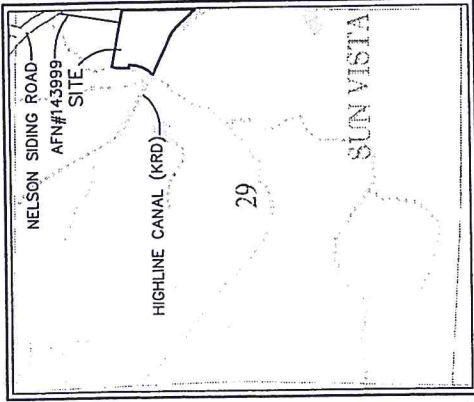
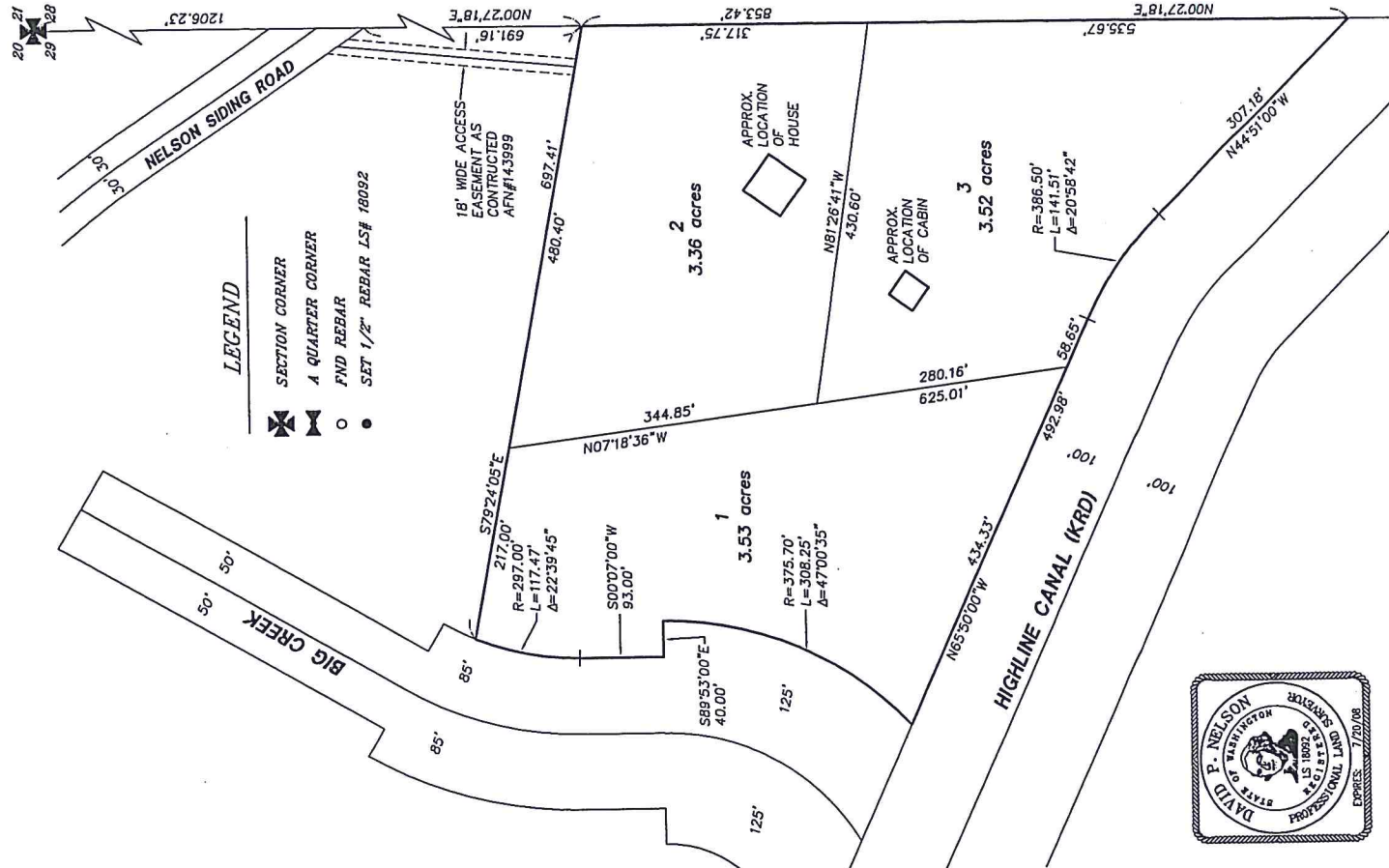
DAVID P. NELSON DATE
 Certificate No. 18092

K.C.S.P. NO. 07-XX
Ptn. of the NE1/4 of Sec. 29, T.20N., R.14E., W.M.
Kittitas County, Washington

DWN BY G. WEISER	DATE 01/07	JOB NO. 06305
CHKD BY D. NELSON	SCALE 1"=100'	SHEET 1 OF 2



108 EAST 2ND STREET
 CLLE ELIJM, WA 98922
 PHONE: (509) 674-7433
 FAX: (509) 674-7419



APPROVALS

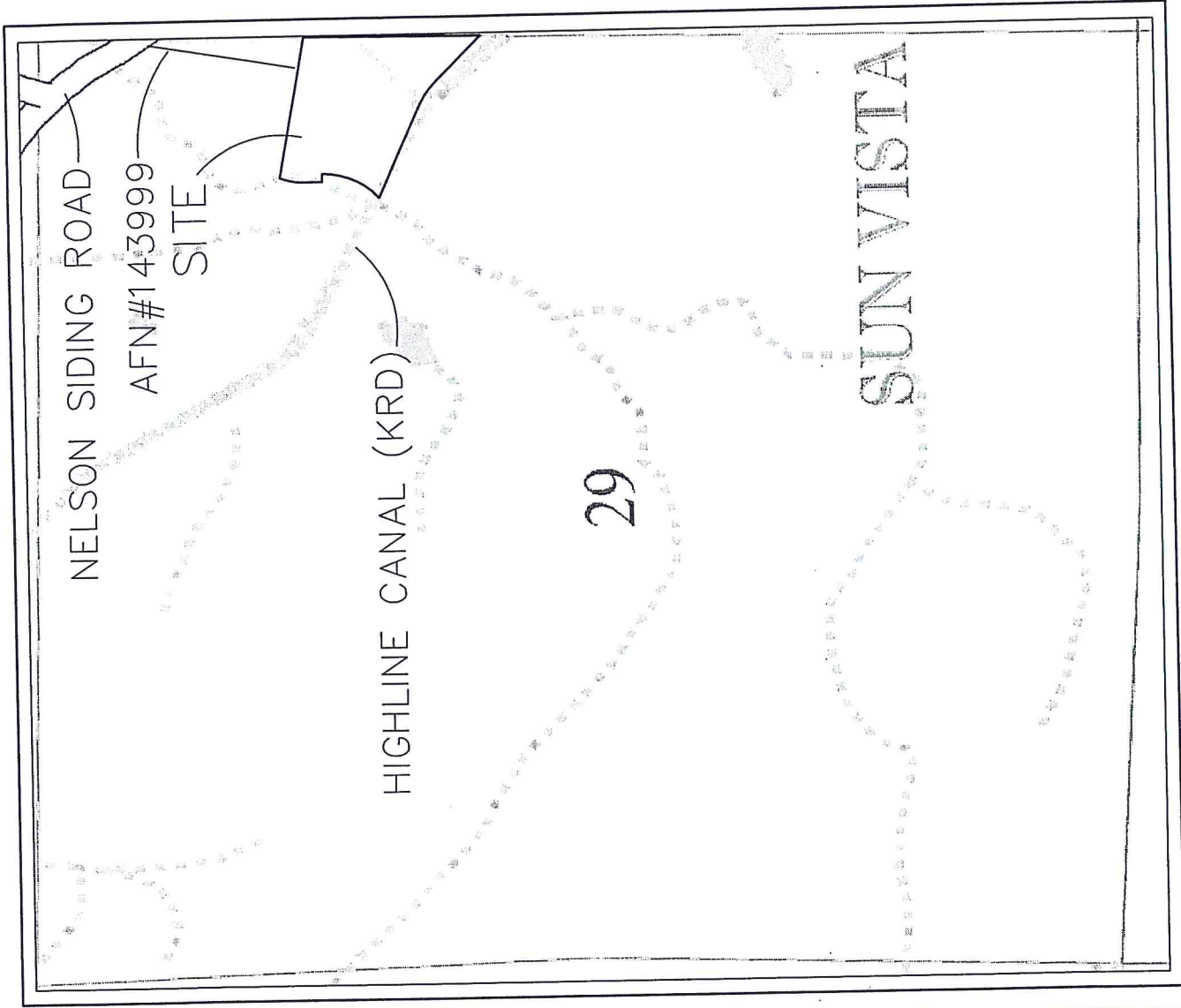
KITTITAS COUNTY PUBLIC WORKS
 EXAMINED AND APPROVED This _____ day of _____ A.D., 20____
 Kittitas County Engineer _____

KITTITAS COUNTY PLANNING DIRECTOR
 I hereby certify that the "WENGER" Short Plat has been examined by me and find that it conforms to the comprehensive plan of the Kittitas County Planning Commission.
 Dated this _____ day of _____ A.D., 20____
 Kittitas County Planning Director _____

KITTITAS COUNTY HEALTH DEPARTMENT
 Preliminary inspection indicated soil conditions may allow use of septic tanks as a temporary means of sewage disposal for some, but not necessarily all building sites within this short plat. Prospective purchasers are advised to obtain a copy of the County Health Department about issuance of septic tank permits for lots.
 Dated this _____ day of _____ A.D., 20____
 Kittitas County Health Office _____

CERTIFICATE OF COUNTY TREASURER
 I hereby certify that the taxes and assessments are paid for the preceding years and for this year in which the plat is now to be filed.
 Dated this _____ day of _____ A.D., 20____
 Kittitas County Treasurer _____

ORIGINAL TAX LOT NO. 20-14-29010-0010 (479134)



VICINITY MAP

N.T.S.

WELL LOG SUMMARY
TWN 20N RGE 14E

Depth (ft)	Flow (gpm)	Static Level (ft)	1/4 1/4 Section
63	22	38	NE/NE Sec. 29
61	22	46	NE/NE Sec. 29
80	11	58	NE/NE Sec. 29
68	8	44	NE/NE Sec. 29
69	25	46	NE/NE Sec. 29
52	15	22	NE/NE Sec. 29
42	20	20	NE/NE Sec. 29
60	25	18	NW/NE Sec. 29
60	60	unknown	SW/NE Sec. 29
45	30	10	NW/NW Sec. 28
55	15	10	NW/NW Sec. 28
50	100	15	SW/NW Sec. 28
AVERAGE DEPTH =	AVERAGE FLOW=	AVERAGE S.L. =	
59	29	30	

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Please print, sign and return to the Department of Ecology



Water Well Report

Original - Ecology, 1st copy - owner, 2nd copy - driller

Construction/Decommission

Construction
 Decommission ORIGINAL INSTALLATION Notice of Intent Number 164385

PROPOSED USE: DeWater Domestic Irrigation Industrial Test Well Municipal Other _____

TYPE OF WORK: Owner's number of well (if more than one) _____
 New well Reconditioned Method: Dug Bored Driven Deepened Cased Rotary Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 80 ft.
 Depth of completed well 80 ft.

CONSTRUCTION DETAILS
 Casing Welded 6 " Diam. from +2 ft. to 77 ft.
 Installed: Liner installed _____ " Diam. from _____ ft. to _____ ft.
 Threaded _____ " Diam. from _____ ft. to _____ ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perfs _____ in. by _____ in. and no. of perfs _____ from _____ ft. to _____ ft.

Screens: Yes No K-Pac Location _____
 Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel/Filter packed: Yes No Size of gravel/sand _____ ft. to _____ ft.
 Materials placed from _____

Surface Seal: Yes No To what depth? 27 ft.
 Material used in seal Benoni U
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

PUMP: Manufacturer's Name _____ H.P. _____
 Type: _____

WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
 Static level 58 ft. below top of well Date _____
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (cap, valve, etc.)

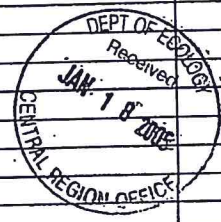
WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? _____
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
 Time _____ Water Level _____ Time _____ Water Level _____
Apr 10 to 12 pm
 Date of test Air Lift
 Bailor test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Airstest _____ gal./min. with stem set at 75 ft. for 2 hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

Current Notice of Intent No. W163964
 Unique Ecology Well ID Tag No. AKW 24
 Water Right Permit No. A
 Property Owner Name Edward Giandrone
 Well Street Address _____
 City Cleelum County Kittitas
 Location NE 1/4-1/4 NE 1/4 Sec 29 Twp 20 R 14 circle one WWM one
 Lat/Long (s, t, r) _____ Lat Deg _____ Lat Min/Sec _____
 still REQUIRED) Long Deg _____ Long Min/Sec _____
 Tax Parcel No. 2014290100014

CONSTRUCTION OR DECOMMISSION PROCEDURE
 Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information indicate all water encountered. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
topsoil Br. m	0	2
sand gravel matty C. H	2	18
Silty Sand Clay Br. m	18	24
Clay some gravel Br. ms	24	38
Silt Sand Grav Matty C. m#	38	44
Clay Br. m	44	49
Silty Sand Grav Cob	49	58
some water matty color H		
Silty Sand gravel matty C. m#		
water Brown tint m#	58	77
Phyolite Grayish m#	77	80

Start Date 12/15/04 Completed Date 12/16/04



WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller/Engineer/Trainee Name (Print) Steve Mills
 Driller/Engineer/Trainee Signature Steve Mills
 Driller or trainee License No. 1335

Drilling Company Waterman Well Drilling Inc
 Address PO Box 246
 City, State, Zip Selah Wa 98942
 Contractor's Registration No. WATERW00220B Date 12/20/04
 Ecology is an Equal Opportunity Employer. ECY 050-1-20 (Rev 2/03)

IF TRAINEE,
 Driller's Licensed No. _____
 Driller's Signature _____

