



COPY

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

4601 N. Monroe, Suite 202 • Spokane, Washington 99205-1295 • (509) 456-2926

March 30, 1995

Kevin M. Wells, General Manager
Vera Water and Power
P. O. Box 630
Veradale, WA 99037-0630

Dear Kevin:

Re: Applications for Change - Vera Irrigation District No. 15

I am writing this letter to document our discussions during the recent meetings at this office.

Vera Irrigation District currently holds ~~ten (10)~~ ^{eleven (11)} water right certificates which authorize withdrawal of ground water from eleven (11) wells. Two of the original wells located in Section 13, Township 25 N., Range 44 E.W.M. have been abandoned due to the expansion of Sullivan Road. Three new replacement wells located within the NE*SE* of Section 14, Township 25 N., Range 44 E.W.M. have been drilled and will be tied in with the existing system in April of 1995. Under separate cover, we are sending a seasonal change to authorize use of these wells.

Ground Water Certificate No. G3-27084C was issued on March 30, 1993 in the amount of 13,400 gallons per minute, 10,081 acre feet per year for continuous municipal supply. The Report of Examination for G3-27084 issued in 1986 stated that the district projected an estimated population of 30,000 in 20 years. The 10,081 acre feet per year was the calculated total annual allotment based on the 20 year population rate. Ground Water Certificate No. G3-27084C should not have been issued until the year 2006.

Therefore, it was agreed that the Department will issue an Order of Recision of Ground Water Certificate No. G3-27084C. Ground Water Certificate G3-27084C will be put back into permit status with a development schedule requiring that water be put to full beneficial use by the year 2006. The Proof of Appropriation filed on January 20, 1993 will be withdrawn. The statutory extension fee for Proof of Appropriation is \$5.00 per year. The original proof was due on or before April 1, 1993. A total fee of \$65.00 is due to extend the due date from April 1, 1993 to April 1, 2006.

reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address

pt Service.

Kevin M. Wells
Page 2
March 30, 1995

The District's existing eleven wells are located as follows:

Two wells located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 14
One well located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 15
Two wells located within the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 22
One well located within the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 22
Two wells located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 23
One well located within the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 23
One well located within the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 26
One well located within the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 26;
all being within T. 25 N., R. 44 E.W.M.

NW $\frac{1}{4}$ NW $\frac{1}{4}$

The District proposes to drill up to ten additional points of withdrawal to be located as follows:

Four wells to be located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 14
Two wells to be located within the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 22
Three wells to be located within the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 22
One well to be located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 23;
all being within T. 25 N., R. 44 E.W.M.

It was also agreed during our last meeting that you would submit applications for change for all ten certificates of water right to add all the wells to each right in order to integrate the entire system. The applications for change already on file can be amended to include all the wells. I would also recommend that you submit a new application at the same time for any anticipated future expansion beyond April 1, 2006. All of the existing wells and any new wells must be equipped with measuring devices in good working order.

I will send the recision for Ground Water Certificate No. G3-27084C under separate cover. Please contact me when you are ready to schedule a meeting to fill out all the paperwork for the applications for change. If you have any questions, please call me at (509) 456-6188.

Sincerely,



Cindy A. Christian
Shorelands and Water Resources Program

CAC:aal

cc: Larry Biggs, Bovay Engineers



601 N. Evergreen Road
P.O. Box 630
Veradale, WA 99037-0630
(509) 924-3800

February 27, 1997

Ms. Cindy Christian
Water Resources Program
Washington State Department of Ecology
Eastern Regional Office
4601 No. Monroe, Suite 202
Spokane, WA 99205-1295

RE: Applications for Change

Dear Cindy:

Enclosed are several items as we discussed at our last meeting:

1. Applications for change for 8 of our permits
2. Requests to amend three outstanding applications for change.
3. A summary paper of our existing system and plans for the future.
4. SEPA checklist for the 8 new applications.
5. **Not included** is an evaluation of the population growth potential for our service area and the resulting final request for 20 year projections for peak pumping and annual withdrawal, we have included an estimate.
6. The fees for this proposal.

Please let us know if any of these documents need additional work. We will submit final numbers on the peak pumping and annual withdrawal as soon as we have the final data. Thanks for your help with these changes.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kevin M. Wells', written over a horizontal line.

Kevin M. Wells
General Manager

Read Instructions on back before completing

DATE UPDATED: 02/06/99

1. SYSTEM ID NO. 914505	2. COUNTY SPOKANE	GROUP A	TYPE COMM	WRIA 57
3. SYSTEM NAME VERA WATER & POWER				
STREET ADDRESS 601 N EVERGREEN RD				
P.O. BOX (IF APPLICABLE) PO BOX 630				
CITY VERADALE		STATE	ZIP CODE	
4. OWNER'S NAME (LAST, FIRST) VERA WATER AND POWER		OWNER NO. 6206		
STREET ADDRESS 601 N EVERGREEN RD				
P.O. BOX (IF APPLICABLE)				
CITY VERADALE		STATE WA	ZIP CODE 99037	
5. SYSTEM CONTACT PERSON KEVIN WELLS - GENERAL MANAGER				
DAY TELEPHONE 509-924-3900		EVENING TELEPHONE 509-922-0038		
6. OWNERSHIP (CHECK ONE ONLY)		7. PREDOMINANT CHARACTERISTIC (CHECK ONE ONLY)		
<input type="checkbox"/> PRIVATE: NON-PROFIT <input type="checkbox"/> PRIVATE: FOR-PROFIT <input checked="" type="checkbox"/> LOCAL GOVERNMENT (COUNTY/CITY/PUD/WATER DISTRICT) <input type="checkbox"/> STATE <input type="checkbox"/> FEDERAL		<input checked="" type="checkbox"/> RESIDENTIAL <input type="checkbox"/> RECREATIONAL <input type="checkbox"/> BUSINESS / INDUSTRIAL / AGRICULTURAL / COMMERCIAL <input type="checkbox"/> LODGING / FOOD SERVICE <input type="checkbox"/> SCHOOL / DAY CARE <input type="checkbox"/> OTHER (CHURCHES, ETC.)		

WFI COMPLETED BY		TITLE	
DAY TELEPHONE		DATE	
8. SUBMITTED FOR	NEW SYSTEM	NO CHANGE	REACTIVATE
	SYSTEM NAME CHANGE*	UPDATE	DELETE
*OLD SYSTEM NAME - ENTER ONLY IF CHANGING WITH THIS WFI			
SYSTEMS SERVING ANY RESIDENTS (PEOPLE LIVING IN A DWELLING SERVED BY THE SYSTEM) COMPLETE THIS SECTION			
9. NUMBER ACTIVE RESIDENTIAL CONNECTIONS 5231		10. NUMBER ACTIVE RESIDENTIAL POPULATION 17,524	
SYSTEMS SERVING ANY NON-RESIDENTS (I.E. TRAVELERS, EMPLOYEES, STUDENTS, ETC.) COMPLETE THIS SECTION			
11. NUMBER NON-RESIDENTIAL CONNECTIONS			
12. ENTER AVERAGE DAILY NON-RESIDENTIAL POPULATION SERVED FOR EACH MONTH. MAKE ENTRY FOR EACH MONTH			
JAN.	APR.	JULY.	OCT.
FEB.	MAY.	AUG.	NOV.
MAR.	JUNE.	SEPT.	DEC.
13. DOES THE SYSTEM SERVE AT LEAST 25 OF THE SAME NON-RESIDENTS FOR 4 OR MORE DAYS PER WEEK FOR AT LEAST 180 DAYS PER YEAR? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
14. TOTAL NUMBER CONNECTIONS METERED 5,303		15. DISTRIBUTION RESERVOIR(S) TOTAL CAPACITY 3,650,000 GALLONS	

16. DOH SOURCE NUMBER	17. SOURCE NAME	18. SOURCE CATEGORY	19. USE	20. SOURCE METERED	21. TREATMENT	22. WELL DEPTH	23. SOURCE CAPACITY	24. SOURCE LOCATION			SWIREVALUATION (Y/N/C)/ELEVATION	
	LIST UTILITY'S NAME FOR SOURCE. IF SOURCE IS PURCHASED OR IMPORTED LIST SELLER'S ID# AND SYSTEM'S FULL OFFICIAL FORMER NAME. EXAMPLE: 795097/SEATTLE	WELL # WELL #2 SURFACE SPRING RAINWATER INTERMEDIATE PURCHASED/TREATED	PERMANENT SEASONAL EMERGENCY	SOURCE METERED	NONE CHLORINATION FILTRATION FLUORIDATION OTHER	(FEET)	(GPM)	1/4, 1/4 SEC.	SEC. NO.	TWP		RNG.
801	WELL # 1		X	Y		156	3,600	NE/SE	15	25N	44E	
802	WELL # 2		X	Y		265	4,500	NE/SE	15	25N	44E	
803	WELL # 3		X	Y		176	5,400	SE/SE	22	25N	44E	
804	WELL # 4		X	Y		160	1,100	NE/SW	26	25N	44E	
805	WELL # 5		X	Y		176	2,000	NW/NW	26	25N	44E	
806	WELL # 6		X	Y		150	4,000	SE/NE	22	25N	44E	
807	WELL # 7											
808	WELL # 8		X	Y		215	3,200	NE/SE	23	25N	44E	
809	WELL # 9		X	Y		240	3,950	NE/SE	23	25N	44E	

MINIMUM REQUIRED BACTERIOLOGICAL SAMPLING SCHEDULE													
25.	26.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		10	20	30	20	20	20	20	20	20	20	20	20

10. APPROVED SERVICES (PER PLANS)		DATE OF LAST SANITARY SURVEY: 00 0000		BY DOH		LHD
SYSTEM IN CRITICAL WATER SUPPLY SERVICE AREA?	YES	NO	GW MGMT AREA?	YES	NO	FOR LHD USE ONLY
EFFECTIVE DATE RETRO. CHANGES	SIGNATURE OF DOH REVIEWER				DATE	

VERA WATER AND POWER WATER RIGHTS - APPLICATIONS FOR CHANGE MARCH 1997

I. Introduction

This paper has been prepared to complement the applications for change that are being presented at this time and three pending applications for change that need to be amended. These proposed changes to the District's permits, certificates and rights should address the recent changes required by the relocation of Well No. 2, correct errors in existing paper work, integrate the entire system and project the water needs for the District for the next 20 years.

The District experienced a period of activity from 1986 through 1995 where water levels in wells fell to levels making them unusable, pumping facilities were moved from well to well, and where major pumping facilities had to be constructed or relocated. This has resulted in the need for several permits to be modified and new permits to applied for.

During this time we have drilled test wells at several locations to investigate the ability to withdraw water in different locations. We have found that there is limited access to the aquifer at No. 4, No. 5, No. 3, and property we own at 16th and Sullivan. We have found excellent conditions for pumping at No. 2, No. 6 and No. 8-9-10. This has led us to modify our future plans and present the applications for change in their current manner.

II. Existing Use

Exhibit "A" (Next Page) shows the current use of the eleven wells covered by the existing eleven permits. The existing permits total 36,200 Gpm peak pumping, of which the District is using 30,600 Gpm. Although the total actual pump capacity is within the permitted total, the pump capacity at Well field No. 3 actually exceeds the permitted capacity slightly.

Current Status
Vera Irrigation District No. 15
Wells and Rights

February 1997

Well No.	Location	Sec	Twn	Rng	Right Ggpm / Acre Feet Restrictions	Right Ggpm / Acre Feet Restrictions	Right Ggpm / Acre Feet Restrictions	Current Use - Gpm	Current Use - Gpm
1	NE 1/4 of SE 1/4	15	25	44	709-D 7100 / 3893			350HP 3500 Gpm	75HP 500 Gpm
21	NE 1/4 of SE 1/4 (Wellfield 2)	14	25	44	710-D 6000 / 8895 (Moved Legal Wrong)	Application Pending		300HP 3000 Gpm	
22	NE 1/4 of SE 1/4 (Wellfield 2)	14	25	44	710-D 6000 / 8895 (Moved Legal Wrong)	Application Pending		250HP 2500 Gpm	
3	SE 1/4 of SE 1/4 (Wellfield 3)	22	25	44	711-D 6300 / 8895			150HP 2800 Gpm (W / Booster)	150HP 2800 Gpm (W / Booster)
33	SE 1/4 of SE 1/4 (Wellfield 3)	22	25	44	711-D 6300 / 8895 (New Well -Not Listed)	Application Pending		100HP 1000 Gpm	
4	NE 1/4 of SW 1/4	26	25	44	712-D 3400 / 8893 (Irrigation)	Change 1-3-445 (Changed to Municipal)	G3-27084 P 13400 / 10081	150HP 1200 Gpm	
5	NW 1/4 of NW 1/4	26	25	44	713-D 1400 / 8893 (Irrigation)	Change 897 (Changed to Municipal)	5471-A 3100 / 3360 (Community of Veradale)	250HP 2200 Gpm	
6	SE 1/4 of NE 1/4	22	25	44	6672-A 4000 / 3640 (April - September)	896-D 1100 / 365 (Legal Wrong - Land Limited)	G3-27084 P 13400 / 10081	500HP 4000 Gpm	
7	NE 1/4 of NW 1/4	23	25	44	626-A 300 / 203 (Land Limited)	995-D 300 / 203 (Land Limited)			
8	NE 1/4 of SE 1/4 (Wellfield 8-9-10)	23	25	44	G3-27084 P 13400 / 10081			400HP 3800 Gpm	
9	NE 1/4 of SE 1/4 (Wellfield 8-9-10)	23	25	44	G3-27084 P 13400 / 10081			400HP 3300 Gpm	
Totals					36,200 Gpm 10,081 Acre Feet per Year			30,600 Gpm	

The maximum annual withdrawal appears to be 10,081 Acre Feet per Year. This amount occurs on Permit No. G3-27084 P. The actual annual use for the entire District peaked at approximately 9,400 Acre Feet per Year in 1994. The total use for the District has exceeded the total permitted amount in the past. However, since the elimination of the unmetered irrigation system and metering of all water in 1985, the peak use has not exceeded the permitted total.

Year	Water Withdrawn In Gallons
1985	2,425,995,000
1986	2,416,442,500
1987	2,403,147,300
1988	2,298,448,150
1989	2,127,504,200
1990	2,037,389,600
1991	2,398,292,300
1992	2,252,399,300
1993	2,318,954,000
1994	3,060,806,000
1995	2,380,193,000
1996	2,498,138,000

At this time the water from all of the wells is pumped into a common distribution system, from which all uses take their water. All water used, except for fire protection, is metered. All irrigation, domestic, commercial, industrial water is delivered through meters. Only fire hydrants and fire sprinkler systems are unmetered (sprinkler systems require detection equipment that sets off an alarm if there is any water flow).

All wells are used on a continuous basis except for Well No. 1, which is winterized because the discharge piping is exposed to the elements. There is a plan to insulate this piping so that this pump can be used all year. This well is located at our main office site and would be ideal for standby generation which would run both the pump and our office.

III. Changes Required to Existing Permits

The following table lists the different permits, the well they apply to and the changes that are needed to match the existing use of the facilities:

Permit No.	Well No.	Application for Change
709-D	1	a. Change permit to reflect current use of well.
		b. Change permit to include all wells and integrate the entire system.
710-D	21	a. Change permit to reflect current use of well.
	22	b. Change permit to include all wells and integrate the entire system.
		c. Change location of well to reflect abandonment of the two old wells and the drilling of the two new wells. (The existing permit only lists one well.)
711-D	3	a. Change permit to reflect current use of well.
	33	b. Change permit to include all wells and integrate the entire system.
		c. Change permit to add second well (No. 33) to this site. County paid for this well as compensation for abandonment of old well at Valleyway and Sullivan.
712-D w/ Change No. 1-3-445	4	a. Change permit to reflect current use of well.
		b. Change permit to include all wells and integrate the entire system.
713-D w/Change No. 897	5	a. Change permit to reflect current use of well.
		b. Change permit to include all wells and integrate the entire system.

- | | | |
|--------|---|--|
| 5471-A | 5 | <ul style="list-style-type: none"> a. Change permit to reflect current use of well. b. Change permit to include all wells and integrate the entire system. c. Change place of use from "Community of Veradale" to "the area served by Vera Irrigation District No. 15". |
| 6672-A | 6 | <ul style="list-style-type: none"> a. Change permit to reflect current use of well. b. Change permit to include all wells and integrate the entire system. c. Change time of use to Continuous. |
| 896-D | 6 | <ul style="list-style-type: none"> a. Change permit to reflect current use of well. b. Change permit to include all wells and integrate the entire system. c. Change location of the point of withdrawal to correct location within the SE 1/4 of the NE 1/4 of Section 22-25-44. The existing permit incorrectly locates this well within the SE 1/4 of the NW 1/4 of Section 22-25-44. d. Change the place of use to "the area served by Vera Irrigation District No. 15". |
| 626-A | 7 | <ul style="list-style-type: none"> a. Change permit to reflect current use of well. b. Change permit to include all wells and integrate the entire system. c. Change the place of use to "the area served by Vera Irrigation District No. 15". |
| 995-D | 7 | <ul style="list-style-type: none"> a. Change permit to reflect current use of well. b. Change permit to include all wells and integrate the entire system. c. Change the place of use to "the area served by Vera Irrigation District No. 15". |

- G3-27084P 4 a. Change permit to reflect current use of well.
6 b. Change permit to include all wells and integrate
8 the entire system.
9

VI. Current and Future Service Areas

The maps on page 7 and 8 show the current areas of service and the anticipated areas that will need service in the next 20 years. Vera is currently updating their long range plan. This plan projects 20 years into the future. Vera is using this 20 year criteria in these applications for change to be consistent with the plan.

Over the past couple of years, Vera has had discussions with several individuals and organizations representing land in the area marked as future service. Most of this land has been included in one proposal for water service, some in several. There have been discussions with parts of Mica and Freeman. The local water conditions are worsening and it appears that within the 20 year planning horizon, much of the water for this area will be pumped from the Valley Aquifer.

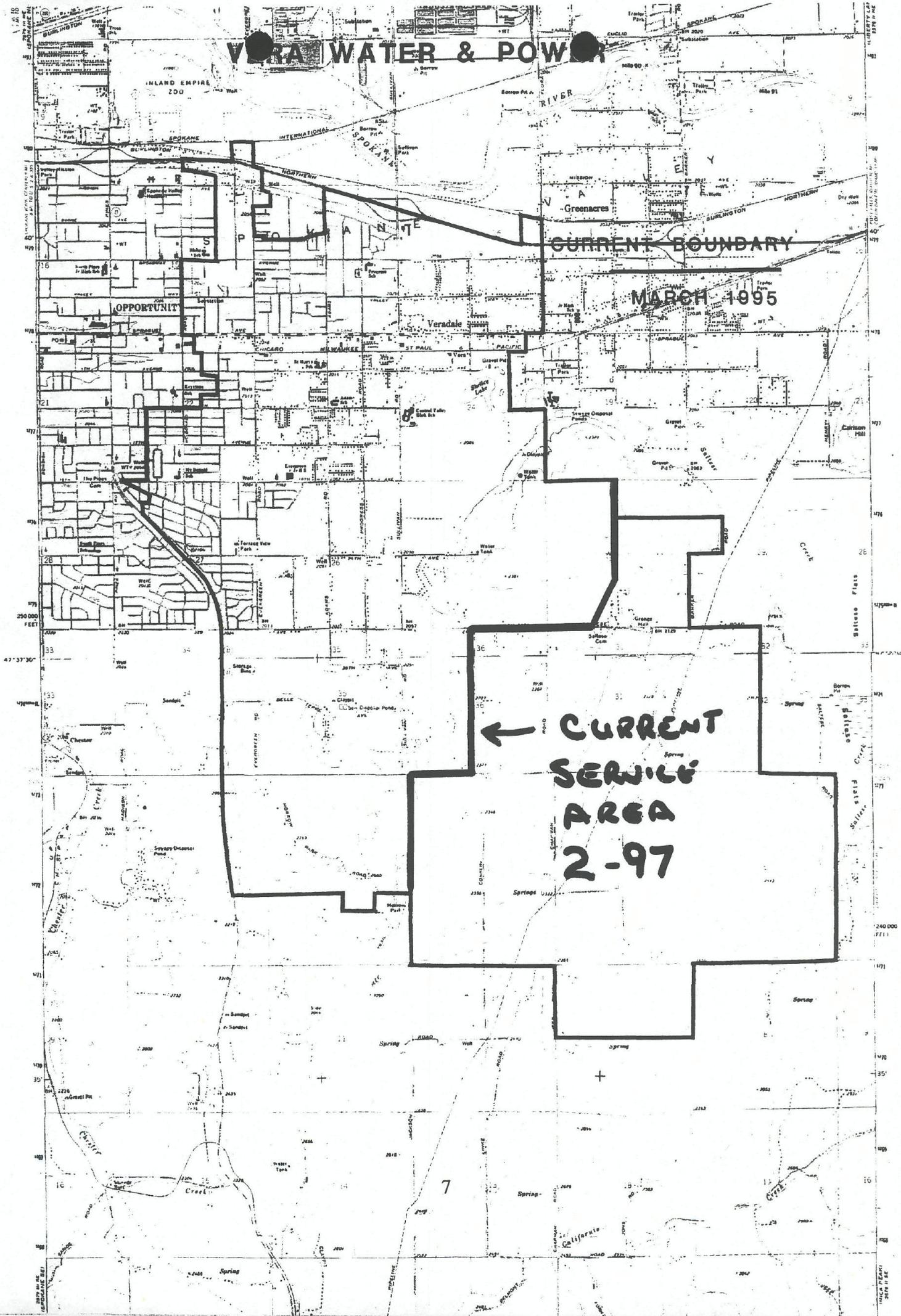
V. Future Well Sites

Over the last ten years Vera has drilled test wells at property Vera own's at 16th and Sullivan, Well No. 2, Well No. 3, Well No. 4, and Well No. 8-9. The results of these test wells and historical records have shown us that the locations for future wells are limited.

16th and Sullivan This site showed high clay contents and poor aquifer depth. Wells on this site would have limited production.

No. 2 The new No. 2 site showed extremely good potential for wells, 4 additional wells could be drilled on this site.

VRA WATER & POWER



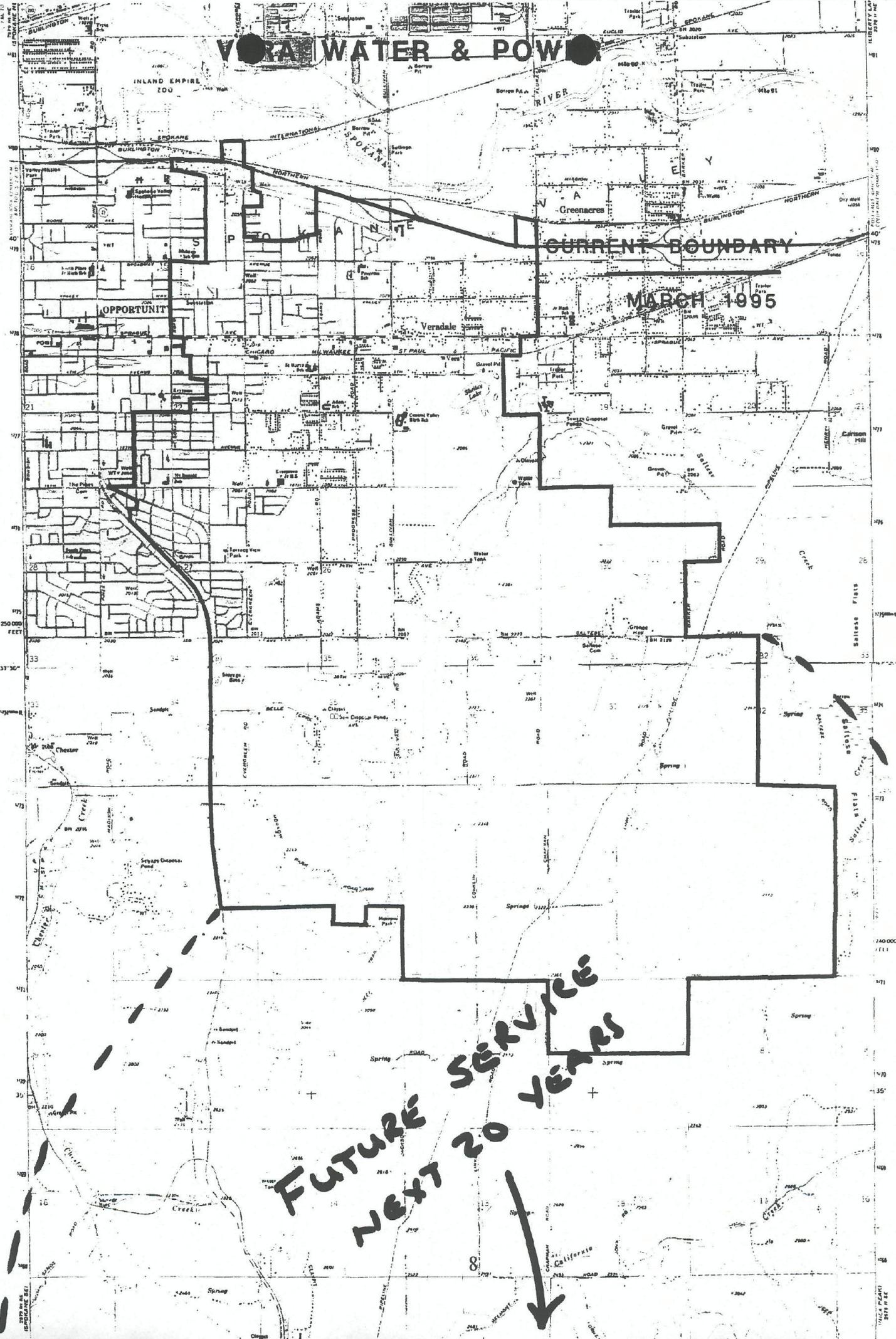
CURRENT BOUNDARY

MARCH 1995

← CURRENT SERVICE AREA 2-97

7

VORA WATER & POWER



MARCH 1995

**FUTURE SERVICE
NEXT 20 YEARS**



Vertical text on the left margin: 250 000 FEET, 47° 37' 30", 1775, 1770, 1765, 1760, 1755, 1750, 1745, 1740, 1735, 1730, 1725, 1720, 1715, 1710, 1705, 1700, 1695, 1690, 1685, 1680, 1675, 1670, 1665, 1660, 1655, 1650, 1645, 1640, 1635, 1630, 1625, 1620, 1615, 1610, 1605, 1600, 1595, 1590, 1585, 1580, 1575, 1570, 1565, 1560, 1555, 1550, 1545, 1540, 1535, 1530, 1525, 1520, 1515, 1510, 1505, 1500, 1495, 1490, 1485, 1480, 1475, 1470, 1465, 1460, 1455, 1450, 1445, 1440, 1435, 1430, 1425, 1420, 1415, 1410, 1405, 1400, 1395, 1390, 1385, 1380, 1375, 1370, 1365, 1360, 1355, 1350, 1345, 1340, 1335, 1330, 1325, 1320, 1315, 1310, 1305, 1300, 1295, 1290, 1285, 1280, 1275, 1270, 1265, 1260, 1255, 1250, 1245, 1240, 1235, 1230, 1225, 1220, 1215, 1210, 1205, 1200, 1195, 1190, 1185, 1180, 1175, 1170, 1165, 1160, 1155, 1150, 1145, 1140, 1135, 1130, 1125, 1120, 1115, 1110, 1105, 1100, 1095, 1090, 1085, 1080, 1075, 1070, 1065, 1060, 1055, 1050, 1045, 1040, 1035, 1030, 1025, 1020, 1015, 1010, 1005, 1000, 995, 990, 985, 980, 975, 970, 965, 960, 955, 950, 945, 940, 935, 930, 925, 920, 915, 910, 905, 900, 895, 890, 885, 880, 875, 870, 865, 860, 855, 850, 845, 840, 835, 830, 825, 820, 815, 810, 805, 800, 795, 790, 785, 780, 775, 770, 765, 760, 755, 750, 745, 740, 735, 730, 725, 720, 715, 710, 705, 700, 695, 690, 685, 680, 675, 670, 665, 660, 655, 650, 645, 640, 635, 630, 625, 620, 615, 610, 605, 600, 595, 590, 585, 580, 575, 570, 565, 560, 555, 550, 545, 540, 535, 530, 525, 520, 515, 510, 505, 500, 495, 490, 485, 480, 475, 470, 465, 460, 455, 450, 445, 440, 435, 430, 425, 420, 415, 410, 405, 400, 395, 390, 385, 380, 375, 370, 365, 360, 355, 350, 345, 340, 335, 330, 325, 320, 315, 310, 305, 300, 295, 290, 285, 280, 275, 270, 265, 260, 255, 250, 245, 240, 235, 230, 225, 220, 215, 210, 205, 200, 195, 190, 185, 180, 175, 170, 165, 160, 155, 150, 145, 140, 135, 130, 125, 120, 115, 110, 105, 100, 95, 90, 85, 80, 75, 70, 65, 60, 55, 50, 45, 40, 35, 30, 25, 20, 15, 10, 5, 0

Vertical text on the right margin: 1775, 1770, 1765, 1760, 1755, 1750, 1745, 1740, 1735, 1730, 1725, 1720, 1715, 1710, 1705, 1700, 1695, 1690, 1685, 1680, 1675, 1670, 1665, 1660, 1655, 1650, 1645, 1640, 1635, 1630, 1625, 1620, 1615, 1610, 1605, 1600, 1595, 1590, 1585, 1580, 1575, 1570, 1565, 1560, 1555, 1550, 1545, 1540, 1535, 1530, 1525, 1520, 1515, 1510, 1505, 1500, 1495, 1490, 1485, 1480, 1475, 1470, 1465, 1460, 1455, 1450, 1445, 1440, 1435, 1430, 1425, 1420, 1415, 1410, 1405, 1400, 1395, 1390, 1385, 1380, 1375, 1370, 1365, 1360, 1355, 1350, 1345, 1340, 1335, 1330, 1325, 1320, 1315, 1310, 1305, 1300, 1295, 1290, 1285, 1280, 1275, 1270, 1265, 1260, 1255, 1250, 1245, 1240, 1235, 1230, 1225, 1220, 1215, 1210, 1205, 1200, 1195, 1190, 1185, 1180, 1175, 1170, 1165, 1160, 1155, 1150, 1145, 1140, 1135, 1130, 1125, 1120, 1115, 1110, 1105, 1100, 1095, 1090, 1085, 1080, 1075, 1070, 1065, 1060, 1055, 1050, 1045, 1040, 1035, 1030, 1025, 1020, 1015, 1010, 1005, 1000, 995, 990, 985, 980, 975, 970, 965, 960, 955, 950, 945, 940, 935, 930, 925, 920, 915, 910, 905, 900, 895, 890, 885, 880, 875, 870, 865, 860, 855, 850, 845, 840, 835, 830, 825, 820, 815, 810, 805, 800, 795, 790, 785, 780, 775, 770, 765, 760, 755, 750, 745, 740, 735, 730, 725, 720, 715, 710, 705, 700, 695, 690, 685, 680, 675, 670, 665, 660, 655, 650, 645, 640, 635, 630, 625, 620, 615, 610, 605, 600, 595, 590, 585, 580, 575, 570, 565, 560, 555, 550, 545, 540, 535, 530, 525, 520, 515, 510, 505, 500, 495, 490, 485, 480, 475, 470, 465, 460, 455, 450, 445, 440, 435, 430, 425, 420, 415, 410, 405, 400, 395, 390, 385, 380, 375, 370, 365, 360, 355, 350, 345, 340, 335, 330, 325, 320, 315, 310, 305, 300, 295, 290, 285, 280, 275, 270, 265, 260, 255, 250, 245, 240, 235, 230, 225, 220, 215, 210, 205, 200, 195, 190, 185, 180, 175, 170, 165, 160, 155, 150, 145, 140, 135, 130, 125, 120, 115, 110, 105, 100, 95, 90, 85, 80, 75, 70, 65, 60, 55, 50, 45, 40, 35, 30, 25, 20, 15, 10, 5, 0

Vertical text at the bottom right: 250 000 FEET

- No. 3 This site showed good gravel, but a shallow aquifer. Deepening the existing wells, and drilling additional wells on this site would have limited benefit. Any new wells would have limited output.
- No. 4 The test well showed that this site has a very shallow aquifer and that the soil just below the existing hand dug well is mostly clay. There is no potential for new wells and the possibility of deepening the existing well would be limited to just a couple of feet. This well also has water almost twice as hard as the rest of the wells in the District, which limits when the well is used.
- No. 5 This well is surrounded by sand and has pumped sand into the system in the past. No potential for additional wells exists at this location.
- No. 6 This is a large lot in the center of the best test wells, although no test well has been drilled yet, this site has the most potential for additional wells.
- No. 8-9 The test well on this site and the two existing production wells are excellent. There is room for one additional well, No. 10, at this site.

As a result of this information we would like to request the following changes to existing permits to reflect our planned future wells:

Permit No.	Well Field	Future Wells
710-D	2	23,24,25,26
6672-A 896-D G3-27084 P	6	62,63,64,65
G3-27084 P	8-9-10	10

Well drilling schedules and sizes will depend on many factors. :

1. Operating economics of many small wells vs. fewer large wells.
2. Construction economics of many small wells vs. fewer large wells.
3. Cost of power (on peak vs. off peak).
4. Construction and operating economics of storage vs. wells.
5. Remaining well drilling sites.

VI. Future Demand and Annual Withdrawal

As referenced earlier, the District is currently preparing the update to the long range plan. This plan will look at the land use within the future service area, evaluate the effects of the Growth Management Act and project growth for the next 20 years.

From this information the District expects to identify the potential for future instantaneous needs and for additional annual withdrawal. This information will be finalized within the next couple of months. Until that time we are estimating that the peak demand will be approximately 42,000 Gpm and the annual withdrawal will be approximately 14,000 acre feet per year. Please use this information for these permit applications until such time as the long range water plan is completed and forwarded for your use.

The actual drilling of wells will be based on this information, the economics and operating characteristics of fewer large wells vs. more smaller wells and on the cost of additional storage capacity.

VII. Costs

We understand the costs of these applications are as follows:

Permit	Cost
709-D	\$32.00
710-D	Paid
711-D	Paid
712-D	\$16.00

713-D	\$10.00
5471-A	\$14.00
6672-A	\$18.00
896-D	\$10.00
626-A	\$10.00
995-D	\$10.00
G3-27084 P	Paid
Total	\$120.00

The check for this amount is attached.

VIII. SEPA

An environmental checklist and determination of non-significance has been completed and was included for the pending applications for change to permits no. 710-D, 711-D, and G3-27084 P. The proposed changes to this information is minor, and would not change the determination previously made for these applications. Attached is a draft checklist for the 8 new applications for change.

File Original and First Copy with
Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Water Right Permit No.

Start Card No. W 044855

UNIQUE WELL I.D. # AAL 532

710-D

(1) OWNER: Name UEBA IRRIGATION DIST # 15 Address NORTH 601 EVERGREEN RD, VERADALE WA.

(2) LOCATION OF WELL: County SPOKANE NE 1/4 SE 1/4 Sec 14 T. 25(N) R. 44 W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) SPRINGFIELD & SULLIVAN RD.

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) 2-1
Abandoned New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 20 inches.
Drilled 265 feet. Depth of completed well 265 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 20 Diam. from 4 ft. to 211 ft.
Welded Diam. from _____ ft. to _____ ft.
Liner installed _____ ft. to _____ ft.
Threaded _____ ft. to _____ ft.

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

Screens: Yes No
Manufacturer's Name JOHNSON
Type STAINLESS STEEL Model No. TELEPHONE
Diam. 20 Slot size 300 from 210 ft. to 265 ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel _____
Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 22 ft.
Material used in seal NEAT CEMENT GROUT
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____ H.P. _____
Type: _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
Static level 107 ft. below top of well Date MAY 25/94
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? DRILLER
Yield: 2500 gal./min. with 1'3" ft. drawdown after 1 hrs.

" 3500 " 1'10" " 4 "
" 5000 " 2'8" " 8 "

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 Time Water Level
0 109'8"
'MIN 107'

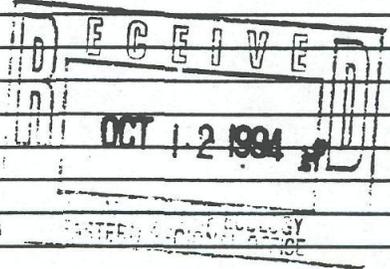
Date of test MAY 25 1994
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Airstest _____ gal./min. with stem set at _____ ft. for _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water 50 Was a chemical analysis made? Yes No

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
GRAVEL & SAND	0	119
★ COARSE SAND	119	148
★ SAND + GRAVEL 2" MINUS	148	171
★ SAND + GRAVEL 4" MINUS	171	183
★ MED SAND	183	190
★ SAND + GRAVEL 2" MINUS	190	249
★ MED SAND + GRAVEL 1" MINUS	249	265

★ WATER BEARING ZONES



Work Started APRIL 15, 1994 Completed MAY 27, 1994

WELL CONSTRUCTOR 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.

NAME HOLMAN DRILLING CORP
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address E 3410 9TH AVE SPOKANE WA
(Signed) (Albert E. Holman) License No. 0189
(WELL DRILLER)

Contractor's Registration No. 227,758 L+1 Date OCT 10, 1994

(USE ADDITIONAL SHEETS IF NECESSARY)

WATER WELL REPORT

STATE OF WASHINGTON

Application No. _____

Permit No. **G3-27084**

1) **OWNER:** Name LEKA WATER & POWER Address Box 630 SPOKANE WA

LOCATION OF WELL: County SPOKANE - SE 1/4 SE 1/4 Sec. 22 T. 25 N., R. 44 E. W. M.

Bearing and distance from section or subdivision corner

3) **PROPOSED USE:** Domestic Industrial Municipal
Irrigation Test Well Other

4) **TYPE OF WORK:** (Owner's number of well (if more than one)) TEST WELL #3
New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

5) **DIMENSIONS:** Diameter of well 6 inches.
Drilled 250 ft. Depth of completed well 250 ft.

6) **CONSTRUCTION DETAILS:**

Casing installed: 6" Diam. from +4 ft. to 250 ft.
Threaded " Diam. from _____ ft. to _____ ft.
Welded " Diam. from _____ ft. to _____ ft.

Perforations: Yes No
Type of perforator used MILLS 1/2 INCH
SIZE of perforations 2 in. by 2 in.
20 perforations from 4 ft. to 200 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

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

Gravel packed: Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 20 ft.
Material used in seal NEAT CEMENT
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) **PUMP:** Manufacturer's Name N/A
Type: _____ H.P. _____

(8) **WATER LEVELS:** Land-surface elevation _____ ft. above mean sea level.
Static level 154.5 ft. below top of well Date 2-1-90
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (Cap, valve, etc.)

(9) **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.

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	Time	Water Level

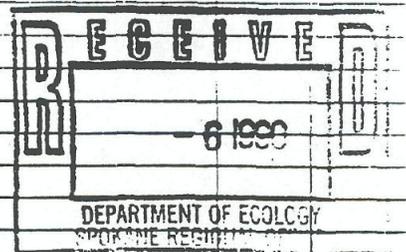
Date of test _____
Bailer test 15 gal./min. with 0 ft. drawdown after 4 hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes No

(10) **WELL LOG:**

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
GRAVEL + SAND 2" MINUS	0	138
GRAVEL + SAND 1" MINUS	138	159
BOULDER *	159	162
GRAVEL + SAND 1" MINUS *	162	195
SAND COURSE *	195	197
GRAVEL + SAND 1" MINUS *	197	212
GRAVEL + SAND 2" MINUS *	212	250

* INDICATES WATER BEARING ZONE



Work started JAN 11 1990. Completed FEB 9 1990

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME HOLMAN DRILLING CORP
(Person, firm, or corporation) (Type or print)

Address E 3410 9TH AVE

[Signed] Arnold E Holman
(Well Driller)

License No. 0189 Date 3-4 1990

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
AND DEVELOPMENT

WELL LOG

No. Decla. #997-
Cert. #896-D

Date May 20, 1947

Record by John E. Gray

Source G. W. Decla. Claim

Location: State of WASHINGTON

County Spokane

Area _____

Map _____

SE 1/4 NW 1/4 sec. 22 T. 25 N., R. 44 E. W.



DIAGRAM OF SECTION

Drilling Co. _____

Address _____

Method of Drilling dug Date May 15 1947

Owner Vera Irrigation Co.

Address Opportunity, Wash.

Land surface, datum _____ ft. above
below _____

CORRE- LATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
------------------	----------	---------------------	-----------------

(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses. If material water-bearing, so state and record static level if reported. Give depths in feet below land-surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all casings, perforations, screens, etc.)

	no record		
Pump Test:			
	Dim: 99' x 98"		
	SWL: 77'		
	Dd: 1 1/4'		
	Yield: 1850 g.p.m.		
	Casing: 98" dia. 6" thick concrete		
	from 0' to 38'; 96" dia. 1/2" steel		
	casing from 38' to 83'; 84" dia. 1/2"		
	steel casing from 83' to 99'.		
	Pump: Pomona 10", turbine		
	Motor: 75 hp, electric		

Turn up _____

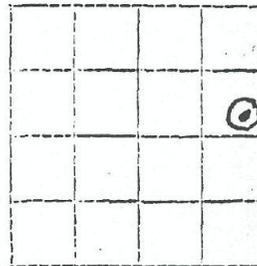
Sheet _____ of _____ sheets

Appl. 9128
Per. 8689

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
DIVISION OF WATER RESOURCES

WELL LOG

Record by Driller
Source Driller's record



Location: State of WASHINGTON
County Spokane
Area
Map

SE 1/4 NE 1/4 sec. 22 T. 25 N., R. 44 E. W.
Drilling Co. Holman Drilling Corp.
Address E. 3410 9th Spokane, Washington

Method of Drilling cable Date 19
Vera Irrigation District #15

Owner
Address Veradale, Washington

Land surface, datum ft. above
SWL: 87.5 Date May 6, 1968 Dims.:

CORRE-LATION	MATERIAL	From (feet)	To (feet)
--------------	----------	-------------	-----------

(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses. If material water-bearing, so state and record static level if reported. Give depths in feet below land-surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all casings, perforations, screens, etc.)

	domestic supply and irrigation		
	0-99 drilled by others		
	gravel 2" minus *	99	110
	" 10" minus *	110	120
	" 4" minus *	120	128
	Boulders	128	130
	gravel 4" minus *	130	133
	" 1" minus *	133	140
	" 4" minus *	140	150
	" 10" minus *	150	160
	* water bearing		
	Casing: 24" from +2' to 134.5' gage	375	
	Screen: johnson stainless steel 24" telescop		
	24" slot size 165 from 134' to 139'		
	24" slot size 187 from 139' to 144'		
	24" slot size 200 from 144' to 150'		

Turn up Sheet of sheets

WATER WELL REPORT

STATE OF WASHINGTON

Stand cd # 31253

Application No.

Permit No. G-3-2704 P

(1) OWNER: Name VERA WATER & POWER Address P.O. Box 630 UERADALE WA 99037

(2) LOCATION OF WELL: County SPOKANE - NE 1/4 SE 1/4 Sec. 23 T. 25N R. 44W M.

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic Industrial Municipal
Irrigation Test Well Other

(4) TYPE OF WORK: Owner's number of well (if more than one) # 9
New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 20 inches.
Drilled 240 ft. Depth of completed well 240 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 20" Diam. from # 2 ft. to 190 ft.
Threaded " Diam. from ft. to ft.
Welded " Diam. from ft. to ft.

Perforations: Yes No
Type of perforator used.....
SIZE of perforations in. by in.
..... perforations from ft. to ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.

Screens: Yes No
Manufacturer's Name JOHNSON
Type STAINLESS STEEL Model No. TELESCOPE
Diam. 20 Slot size 1.50 from 190 ft. to 240 ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes No Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes No To what depth? 20 ft.
Material used in seal NEAT CEMENT
Did any strata contain unusable water? Yes No
Type of water?..... Depth of strata.....
Method of sealing strata off.....

(7) PUMP: Manufacturer's Name.....
Type: HP

(8) WATER LEVELS: Land-surface elevation ft.
above mean sea level.....
Static level 115 ft. below top of well Date 2-12-91
Artesian pressure lbs. per square inch Date.....
Artesian water is controlled by..... (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? DRILLER
Yield: 2500 gal./min. with 0.75 ft. drawdown after 1 hrs.
" 3000 " 1.25 " 2 "
" 4500 " 1.9 " 8 "

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	Time	Water Level
0	116.11'				
5 MIN.	115				

Date of test 2-12-91
Bailer test..... gal./min. with ft. drawdown after hrs.
Artesian flow..... g.p.m. Date.....
Temperature of water 49° Was a chemical analysis made? Yes No

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
SAND + GRAVEL 3" MIN	0	116
* SAND + GRAVEL 2" MINUS	116	176
* CEMENT GRAVEL + SAND		
HARD	176	193
* GRAVEL + SAND 2" MINUS	193	231
* CEMENTED SAND + GRAVEL	231	235
* GRAVEL + SAND 2" MINUS	235	240

* INDICATES WATER BEARING STRATA

Work started NOV 29, 1990. Completed FEB 15, 1991

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME HOLMAN DRILLING Corp
(Person, firm, or corporation) (Type or print)

Address E 3410 9TH AVE SPOKANE WA 99202

[Signed] Arnold E Holman
(Well Driller)

License No. 0189 Date MARCH 8, 1991

WATER WELL REPORT

STATE OF WASHINGTON

Application No. _____
 Permit No. 63 22084

(1) **OWNER:** Name VERA WATERY POWER Address N 601 EVERGREEN VERADALE WA
 (2) **LOCATION OF WELL:** County SPOKANE SE 1/4 NE 1/4 Sec 23 T 25 N. R. 44 W.M.
 Bearing and distance from section or subdivision corner 300 FT WEST OF INTERSECTION OF SULLIVAN + 8THS

(3) **PROPOSED USE:** Domestic Industrial Municipal
 Irrigation Test Well Other

(4) **TYPE OF WORK:** Owner's number of well (if more than one) 3
 New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) **DIMENSIONS:** Diameter of well 20 inches.
 Drilled 215 ft. Depth of completed well 215 ft.

(6) **CONSTRUCTION DETAILS:**
 Casing installed: 20 Diam. from +2 ft. to 165 ft.
 Threaded " Diam. from _____ ft. to _____ ft.
 Welded " Diam. from _____ ft. to _____ ft.

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

Screens: Yes No
 Manufacturer's Name U.O.P JOHNSON
 Type TELESCOPE Model No. STAINLESS
 Diam. 20 Slot size 160 from 165 ft. to 198 ft.
 Diam. 20 Slot size 125 from 198 ft. to 215 ft.

Gravel packed: Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 20 ft.
 Material used in seal NEAT CEMENT
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(7) **PUMP:** Manufacturer's Name _____
 Type: _____ H.P.

(8) **WATER LEVELS:** Land-surface elevation above mean sea level _____ ft.
 Static level 112 ft. below top of well Date 4-2-87
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) **WELL TESTS:** Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? DRILLER
 Yield: 2500 gal./min. with 10 IN. drawdown after 2 hrs.
 " 3500 " 1 FT 4 IN " 6 "
 " 4500 " 1 FT 8 IN " 7.25 "

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	Time	Water Level
<u>0</u>	<u>113.75</u>				
<u>10 SEC</u>	<u>112</u>				

 Date of test 4-2-87
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water 47° Was a chemical analysis made? Yes No

(10) **WELL LOG:**
 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
GRAVEL 3" MINUS	0	68
BOULDER AT 52' TO 55'		
GRAVEL 3" MINUS	68	115
GRAVEL 3" MINUS *	115	170
GRAVEL 3" MINUS +		
COARSE SAND *	170	215

* INDICATES WATER BEARING STRAT.

RECEIVED

APR 23 1987

DEPARTMENT OF ECOLOGY
 SPOKANE REGIONAL OFFICE

Work started FEB 17 1987 Completed APRIL 6 1987

WELL DRILLER'S STATEMENT:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
 NAME HOLMAN DRILLING CORP
 (Person, firm, or corporation) (Type or print)
 Address E 3410 9TH AVE SPOKANE WA
 [Signed] Arnold E Holman
 (Well Driller)
 License No. 0189 Date APRIL 21 1987

4/23/87

**VERA WATER AND POWER
DETERMINATION OF NONSIGNIFICANCE
WAC 197-11-970**

Description of proposal: *Revision of Water Rights 709-D, 712-D w/change no. 1-3-445, 713-D w/change no. 897, 5471-A, 6672-A, 896-D, 626-A, 995-D, to reflect current use, future plans and integrate the entire system.*

Proponent: *Vera Water and Power*

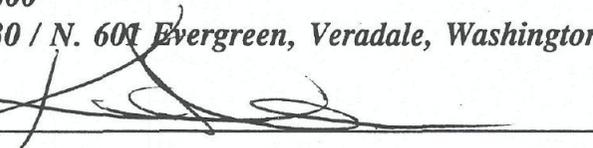
Location of proposal, including street address, if any: *Non-Project Action*

Lead agency: *Vera Water and Power*

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request

Please comment within 30 days of the date of DNS.

Responsible official: *Kevin M. Wells, General Manager*
Phone: *(509) 924-3800*
Address: *P.O. Box 630 / N. 601 Evergreen, Veradale, Washington 99037*

Date *2.27.97* Signature 

You may appeal this determination to the District's Board of Directors by filing in writing with the district an appeal no later than April 8, 1997.

Your appeal will be heard at the regular meeting of the Board of Directors scheduled for:

Time: *7:00 p.m.*
Date: *April 9, 1997*
Place: *District Office.*

You should be prepared to make specific factual objections. Contact Kevin Wells at 924-3800 to read or ask about the procedures for appeals.

VERA WATER AND POWER ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help identify impacts from the proposal and to help decide whether an EIS is required.

A. Background

1. Name of proposed project:

Revision of Water Rights 709-D, 712-D w/change no. 1-3-445, 713-D w/change no. 897, 5471-A, 6672-A, 896-D, 626-A, 995-D, to reflect current use, future plans and integrate the entire system.

2. Name of applicant:

VERA WATER & POWER

3. Address and phone number of applicant and contact person:

*Kevin Wells
P.O. Box 630
N. 601 Evergreen
Veradale, Washington 99037-0630*

4. Date checklist prepared:

February 27, 1997

5. Agency requesting checklist:

Washington State Department of Ecology

6. Proposed timing or schedule (include phasing if applicable):

Application for change and associated paper work will be submitted spring of 1997.

7. Are there any plans for future additions, expansion or further activity related to or connected with this proposal? If yes, explain.

No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

The remaining three water rights of the district have pending applications for change and the associated SEPA documents have been filed.

9. Are there any applications pending for governmental approvals of other proposals directly affecting the property covered by this proposal? If yes, explain.

The remaining three water rights of the district have pending applications for change.

10. List any government approvals or permits that will be required for this proposal.

Washington State Department of Ecology will have to approve the applications for change.

11. Give a brief, complete description of the proposal, including the proposed uses and the size of the project and site.

This is a non project action. The only purpose is to revise existing Water Rights 709-D, 712-D w/change no. 1-3-445, 713-D w/change no. 897, 5471-A, 6672-A, 896-D, 626-A, 995-D, to reflect current use, future plans and integrate the entire system.

12. Give detailed location of the proposal, including any maps that are available.

The water rights are for several withdrawal points in the Spokane Valley area, within the area served by Vera Irrigation District No. 15.

B. Environmental Elements

1. Earth

- a. General description of the site (circle one): Flat, rolly, hilly, steep slopes, other:

Not Applicable.

- b. What is the steepest slope on the site in percent slope?

Not Applicable.

- c. What general types of soils are found on the site, use classification of agricultural soils and note any prime farmland.

Not Applicable.

- d. Are there any surface indications or history of unstable soils in the vicinity? If so, describe.

Not Applicable.

- e. Describe the purpose, type and approximate quantities of any filling or grading proposed. Indicate the source of fill.

Not Applicable.

- f. Could erosion occur as a result of clearing, construction, or use? If so, describe.

Not Applicable.

- g. About what percent of the site will be covered with impervious surfaces after the project construction.

Not Applicable.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Not Applicable.

2. Air

- a. What types of emissions to the air would result from the proposal during the construction and when the project is completed? If any, describe and give quantities if known.

Not Applicable.

- b. Are there any off-site emissions or odor that may affect the proposal? If so, describe.

Not Applicable.

- c. Proposed measures to reduce or control emissions or other impacts to the air, if any:

Not Applicable.

3. Water

- a. Surface

1. Is there any surface water body on or in the immediate vicinity of the site?

Not Applicable.

2. Will the project require any work over, in, or adjacent to the described waters? If yes, please describe.

Not applicable.

3. Estimate the amount of fill and dredge material that would be placed in or removed from the surface water or wet lands and indicate the area of the site that would be affected. Indicate the source of the fill material.

Not applicable.

4. Will the proposal require surface water withdrawals or diversions? Give description, purpose, and approximate quantities if known.

Not Applicable.

5. Does the proposal lie within the 100-year floodplain? If so, note location on the site plan.

Not Applicable.

6. Does the proposal involve any discharges of waste materials to surface waters? If so, explain.

Not Applicable.

b. Ground

1. Will ground water be withdrawn, or will water be discharged to ground water? Give description, purpose, and approximate quantities if known.

Not Applicable.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any. Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Not Applicable.

c. Water Runoff

1. Describe the source of runoff (including storm water) and method of collection and disposal, if any. Where will this water flow? Will this water flow into other waters? If so, describe.

Not Applicable.

2. Could waste materials enter ground or surface waters? If so, describe.

Not Applicable.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any.

Not Applicable.

4. Plants

- a. Check the types of vegetation found on the site:

- deciduous tree: alder, maple, aspen, other
 evergreen tree: fir, cedar, pine, other
 shrubs
 grass
 pasture
 crop or grain
 wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
 water plants: water lily, eelgrass, milfoil, other
 other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?

Not Applicable.

- c. List threatened or endangered species known to be on or near the site.

Not Applicable.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Not Applicable.

5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawks, heron, eagle, songbirds, other:

Not Applicable.

mammals: deer, bear, elk, beaver, other:

Not Applicable.

fish: bass, salmon, trout, herring, shellfish, other:

Not Applicable.

- b. List any threatened or endangered species known to be on or near the site.

Not Applicable.

- c. Is the site part of a migration route? If so, explain.

Not Applicable.

- d. Proposed measures to preserve or enhance wildlife, if any:

Not Applicable.

6. Energy and Natural Resources

- a. What kinds of energy will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Not Applicable.

- b. Would the project affect the potential use of solar energy by adjacent properties? If so, describe.

Not Applicable.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

Not Applicable.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill or hazardous waste, that could occur as a result of this proposal? If so, describe.

Not Applicable.

1. Describe special emergency services that might be required.

Not Applicable.

2. Proposed measures to reduce or control environmental health hazards, if any.

Not Applicable.

b. Noise

1. What types of noise exist in the area which may affect the project?

Not Applicable.

2. What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis? Indicate what hours noise would come from the site.

Not Applicable.

3. Proposed measures to reduce or control noise impacts, if any:

Not Applicable.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?

Not Applicable.

- b. Has the site been used for agriculture? If so, describe.

Not Applicable.

- c. Describe any structures on the site.

Not Applicable.

- d. Will any structures be demolished? If so, what?

Not Applicable.

- e. What is the current zoning classification of the site?

Not Applicable.

- f. What is the current comprehensive plan designation of the site?

Not Applicable.

- g. If applicable, what is the current shoreline master program designation of the site?

Not Applicable.

- h. Has any part of the site been classified as an " environmentally sensitive " area? If so, specify.

Not Applicable.

- i. Approximately how many people would reside or work in the completed project?

Not Applicable.

- j. Approximately how many people would the completed project displace?

Not Applicable.

- k. Proposed measures to avoid or reduce displacement impacts, if any:

Not Applicable.

- l. Proposed measures to ensure the proposal is compatible with the existing and projected land use and plans, if any:

Not Applicable.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

Not Applicable.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

Not Applicable.

- c. Proposed measures to reduce or control housing impacts, if any:

Not Applicable.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas. What is the proposed principal exterior building material(s)?

Not Applicable.

- b. What views in the immediate vicinity would be altered or obstructed?

Not Applicable.

- c. Proposed measures to reduce or control aesthetic impacts, if any:

Not Applicable.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Not Applicable.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

No increase in hazards or further degradation of views should result from this project.

- c. What existing off-site sources of light or glare may affect the proposal?

Not Applicable.

- d. Proposed measures to reduce or control light and glare impacts, if any:

Not Applicable.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

Not Applicable.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

Not Applicable.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project, if any:

Not Applicable.

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on or proposed for national, state, or local preservation registrars known to be on or next to the site? If so, describe.

Not Applicable.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

Not Applicable.

- c. Proposed measures to reduce or control impacts, if any:

Not Applicable.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans.

Not Applicable.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

Not Applicable.

- c. How many parking spaces would the project have when completed? How many would the project eliminate?

Not Applicable.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe.

Not Applicable.

- e. Will the project use water, rail, or air transportation? If so, describe.

Not Applicable.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Not Applicable.

- g. Proposed measures to reduce or control transportation impacts, if any:

Not Applicable.

15. Public Service

- a. Would the project result in an increased need for public services? If so, describe.

Not Applicable.

- b. Proposed measures to reduce or control direct impacts on public services, if any:

Not Applicable.

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

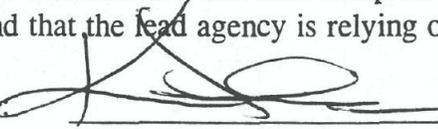
Not Applicable.

- b. Describe the utilities that are proposed for the project, the utility providing the service and the general construction activities on the site or in the immediate vicinity which might be needed.

Not Applicable.

C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Date: 2-27-97

Name:

Kevin Waus

VERA WATER AND POWER SUPPLEMENTAL CHECKLIST FOR NONPROJECT ACTIONS

D. Supplemental Checklist for Nonproject Actions

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

The alteration of the water rights to reflect the existing conditions and to integrate the system will have no affect on the environment. This action will simply reflect existing operating conditions. These conditions have resulted after several years of construction, drought response and changing water conditions.

The inclusion of the property that we have purchased for future well sites and the identification of the potential wells will have no affect. This property is owned by Vera and is currently used for storage, parking or landscaping. No current use will change as a result of including these sites in our permits. If any actual proposals to drill wells are made, they will require their own, individual environmental checklists and determinations of significance.

The inclusion of the projections for 20 year needs for instantaneous and annual withdrawal rates will not alter the environment. These projections will not change the amount of water pumped over the next twenty years by one single gallon. The projections are simply a reflection of current zoning rules, population change projections and the local economy. This will simply provide a planning tool for the agencies responsible for coordinating water use.

Proposed measures to avoid or reduce such increases are:

Not Required.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

The proposal will not degrade the conditions faced by the local wildlife, no construction is anticipated in this action. The permits indicate future possibilities, should any of these become reality, it will require the completion of an environmental review at that time.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

Not Required.

3. How would the proposal be likely to deplete energy or natural resources?

No action is contemplated in this application. Should any action be required in the future, it will require the completion of an environmental review at that time, which will review energy requirements.

Proposed measures to protect or conserve energy and natural resources are:

Not Required.

4. How would the proposal be likely to use or affect environmentally sensitive areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

No.

Proposed measures to protect such resources or to avoid or reduce impacts are:

Not Applicable.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

No action is contemplated in this application. Should any action be required in the future, it will require the completion of an environmental review at that time, which will address land uses.

Proposed measures to avoid or reduce shoreline and land use impacts:

None.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

No.

Proposed measures to reduce or respond to such demand(s) are:

None.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

No conflict is anticipated.

LIST OF AFFECTED AGENCIES

SEPA Check List and Determination sent to these individuals/agencies for this action.

Washington State Department of Ecology
Environmental Review Section
Mail Stop PV-11
Olympia, WA 97504-8711

Ms. Susan Winchell, Planner
Boundary Review Board
721 North Jefferson St. - Room 401
Spokane, WA 99260-0040

Mr. Tom Davis
Spokane County Planning Department
1026 West Broadway
Spokane, WA 99260-0040

Mr. Bruce Rawls, Director
Spokane County Utilities Division
1026 West Broadway
Spokane, WA 99260-0040

Mr. Bill Johns, County Engineer
Spokane County Engineering Division
1026 West Broadway
Spokane, WA 99260-0040

Environmental Health
Spokane Regional Health District
1101 West College Avenue
Spokane, WA 99260

Mr. Thomas Wells
Washington State Department of Health
Water Supply and Waste Unit
924 West Sinto Avenue - Room 300
Spokane, WA 99201