



**PUBLIC UTILITY DISTRICT NO. 1
OF MASON COUNTY**

N. 21971 Hwy. 101
Shelton, Washington 98584

BOARD OF COMMISSIONERS

MIKE SHEETZ, Commissioner
JACK JANDA, Commissioner
RON GOLD, Commissioner

**WELL DECOMMISSIONING PROJECT 2025
REQUEST FOR BIDS- SMALL WORKS PROJECT**

NOTICE IS HEREBY GIVEN THAT PUBLIC UTILITY DISTRICT No. 1 OF MASON COUNTY, WASHINGTON, does hereby invite bids from qualified, responsible bidders specializing in vegetation management along live-power lines as described below.

SUBMISSION DEADLINE:

Electronic bids must be submitted to Brandy Milroy, Water Resource Manager, at brandym@mason-pud1.org **no later than Friday, March 14, 2025, at 4:00 p.m.** The District's electronic server will be the official date/time stamp. Bids received after the deadline will not be considered, regardless of any server or electronic issues that may occur. Bidders are encouraged to submit ahead of the deadline. The District will electronically confirm receipt of bids.

Questions may also be submitted to Brandy Milroy via email at brandym@mason-pud1.org and answers will be posted on the District's website www.mason-pud1.org/bids/ next to the bid announcement so all bidders receive the same information.

BID AWARD:

The District will announce the lowest qualified bidder and post the bid tabulation to the PUD website the week of March 17th. The Board of Commissioners will award the contract on Tuesday, March 25, 2025, at 1:00 p.m.

All bidders must be registered on the District's small works or vendor roster online at MRSC Rosters www.mrscrosters.org.

DISTRICT OPTION TO REJECT ALL BID PROPOSALS:

The District may, at its sole discretion, reject any or all bid proposals submitted. The District shall not be liable for any costs incurred in connection with the preparation and submittal of any bid proposal. The District reserves the right to waive any informality in a submitted proposal.



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SCOPE OF WORK:

Decommission four wells at three water systems in Mason County.

Highland Estates wells 1 & 2:

50 SE Springs Rd, Shelton WA 98584

Well 1:

No well tag

60' deep

8" casing

No screen

Surface seal yes, depth unknown

Static level is 42'

Well 2:

No well tag

50' deep

6" welded casing

Screen diameter 5 slot size 20 from 35' to 50'

Surface seal concrete at 1'6"

Static level is 3'

Lake Arrowhead well 2:

71 W Star Lake Rd, Elma WA 98541

Well tag BBS720

79' deep

10" welded casing

Screen diameter 10 slot size 30 from 53' to 70'

Surface seal bentonite at 18'

Static level 5' 7"

Twanoh Heights well 2:

171 E Twanoh Hts S, Belfair WA 98528

Well tag AHA904

118' deep

10" welded casing

Screen diameter 8 slot size 15 from 113' to 118'

Surface seal bentonite at 18'

Static level 103'



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Appendix A: Well Logs

CONTRACTOR WILL:

- Obtain all applicable permits through the Department of Ecology
- Complete work no later than May 31, 2025.
- A bid bond is not required.

PREVAILING WAGE:

All contractors and subcontractors are required to pay Washington State prevailing wages <https://lni.wa.gov/licensing-permits/public-works-projects/prevailing-wage-rates/>. A copy of the wage rates are located at the PUD 1 office, 21971 N HWY 101, Shelton, WA 98584 and can be mailed or emailed upon request.

DISADVANTAGED BUSINESS ENTERPRISE:

Mason County PUD No. 1 is an equal opportunity employer. Small, minority and women-owned firms are strongly encouraged to apply.

WATER WELL REPORT
STATE OF WASHINGTON

File Original and First Copy with
the Division of Water Resources
Second Copy - Owner's Copy
Third Copy - Driller's Copy

Application No. _____
STATE DEPT OF HEALTH
ENVIRONMENTAL PROGRAMS

(1) OWNER:
Name William J. Russell
Address P.O. Box 433
Shelton, Wash

(2) LOCATION OF WELL:
County Mason Owner's number, if any - 1
Portion SW 1/4 Section 5 T. 19 R. 3 W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

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

(5) TYPE OF WELL: Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED: Threaded Welded
8" Diam. from 1 ft. to 60 ft. Gage Sch. 30
" Diam. from " ft. to " ft. Gage
" Diam. from " ft. to " ft. Gage

(7) PERFORATIONS: Perforated? 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.
perforations from " ft. to " ft.
perforations from " ft. to " ft.

(8) SCREENS: Well screen installed Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION: Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Was a surface seal provided? Yes No To what depth? _____ ft.
Material used in seal—
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:
Static level 42 ft. below land surface Date 9/10/69
Artesian pressure _____ lbs. per square inch Date _____
Water is controlled by _____ (Cap, valve, etc.)

(11) 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
7:30 48' 7:40 42'

Date of test 9/10/69
Bailer test 40 gal./min. with 0 ft. drawdown after 2 hrs.
Artesian flow _____ g.p.m. Date 9/10/69
Temperature of water _____ Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well 8" inches.
Depth drilled 60 ft. Depth of completed well 60 ft.

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
<u>Clay & Boulder s</u>	<u>0</u>	<u>13</u>
<u>Clay & Gr.</u>	<u>13</u>	<u>45</u>
<u>11" "</u>	<u>45</u>	<u>55</u>
<u>Gr. & Sand Water</u>	<u>55</u>	<u>60</u>

Work started 9/5/1969 Completed 9/10/1969

(13) PUMP: Tank 1000 Gal Press
Manufacturer's Name Myers
Type SE 30A21 HP. 3 h.p.

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 Russell Drilling Co.
(Person, firm, or corporation) (Type or print)
Address P.O. Box 433, Shelton, W
[Signed] William J. Russell
(Well Driller)
License No. 223-01-5124 Date 9/13/1969

WATER WELL REPORT
STATE OF WASHINGTON

Kym

File Original and First Copy with the Division of Water Resources
Second Copy — Owner's Copy
Third Copy — Driller's Copy

Application No.

Permit No.

(1) OWNER: High Land Estates well #
Name William J. Russell 2
Address PO Box 433 Shelton Wash

(2) LOCATION OF WELL:
County MASON Owner's number, if any 2
1/4 Section T. R. W.M.
Bearing and distance from section or subdivision corner

Received
12-15-72
Kym

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check): Domestic Industrial Municipal
Irrigation Test Well Other
(5) TYPE OF WELL: Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED: Threaded Welded
6" Diam. from 1 ft. to 50 ft. Gage 0.25
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS: Perforated? 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.
perforations from ft. to ft.
perforations from ft. to ft.

(8) SCREENS: Well screen installed Yes No
Manufacturer's Name Johnson
Type Telescope Model No.
Diam. 5 Slot size 20 Set from 35 ft. to 50 ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Was well gravel packed? Yes No Size of gravel: ft.
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? 1 1/2 ft.
Material used in seal— concrete
Did any strata contain unusable water? Yes No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 3' ft. below land surface Date 4-4-72
Artesian pressure lbs. per square inch Date
Water is controlled by (Cap, valve, etc.)

(11) 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: 50 gal./min. with 7 ft. drawdown after 4 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

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

(12) WELL LOG: Diameter of well 6 inches.
Depth drilled 50 ft. Depth of completed well 50 ft.

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
TOP SOIL	0	3'
SAND & GRAVEL	3	10
GREY CLAY & SAND	10	15'
BLUE CLAY	15	30
BLUE CEMENTED HARD PAN	30	35
SAND & GRAVEL	35	50

Work started APRIL 2 19 72 Completed APRIL 4 19 72

(13) PUMP: Manufacturer's Name MYERS
Type: SUB. H.P. 2

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 Russell Drilling Co.
(Person, firm, or corporation) (Type or print)

Address PO Box 433 Shelton, Wash.

[Signed] William J. Russell
(Well Driller)

License No. 223-01-5124 Date 12-14- 19 72

WATER WELL REPORT

STATE OF WASHINGTON

Water Right Permit No. _____

Start Card No. 062812
WELL # 2

1) OWNER: Name Jake Arrowhead Comm. Club Address Jake Arrowhead

LOCATION OF WELL: County Mason Sub 1E Sec 17 T. 19 N., R. 5 W.M.
(2a) STREET ADDRESS OF WELL (or nearest address) Jake Arrowhead Comm Club

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

(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.

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

MATERIAL	FROM	TO
Clay loam with gravel brown	0	3

(5) DIMENSIONS: Diameter of well 10 inches.
Drilled 79 feet. Depth of completed well 70'-6" ft.

Gravel sand & clay brown	3	22
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(6) CONSTRUCTION DETAILS:
Casing installed: 10 Diam. from +1 ft. to 53 ft.
Welded Diameter from _____ ft. to _____ ft.
Liner installed Diameter from _____ ft. to _____ ft.
Threaded Diameter from _____ ft. to _____ ft.

Gravel sand & silt (seeping)	22	25
--	----	----

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.

Gravel sand & clay	25	28
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Screens: Yes No
Manufacturer's Name Johnson
Type Stainless Model No. _____
Diam. 10 Slot size 30 from 53 ft. to 70-6 ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Clay with sand grey	28	37
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Gravel packed: Yes No Size of gravel _____
Gravel placed from _____ ft. to _____ ft.
Surface seal: Yes No To what depth? 18 ft.
Material used in seal Ben-A-Seal
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

Gravel sand & (clay) grey (seeping)	37	54
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(7) PUMP: Manufacturer's Name _____
Type: _____ H.P.

Gravel & sand	54	77
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(8) WATER LEVELS: Land surface elevation above mean sea level _____ ft.
Static level 5'-7" ft. below top of well Date 7-2-90
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (Cap, valve, etc.)

Sand & silt	74	79
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(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: 225 gal./min. with 22 ft. drawdown after 6 3/4 hrs.
" " " " " " " " " " " "

Work started June 11-90 Completed July 2, 1990

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.

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
13:00	4'-7"	13:05	6'-5"	13:10	5'-0"
13:11	5'-10"	13:24	6'-2"	13:20	5'-7"
13:22	7'-0"	13:25	5'-10"		

Date of test _____

NAME CARPENTER DRILLING CO.
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

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

Address 2031 S. Bay Rd. Olympia
(Signed) Jerry R. Carpenter License No. 067
(WELL DRILLER)

Contractor's Registration No. CAR-0000000 Date July 5, 19 90

(USE ADDITIONAL SHEETS IF NECESSARY)

WATER WELL REPORT

STATE OF WASHINGTON

Application No.

Permit No. 62-253201

(1) OWNER: Name Reid Realty Address 3330, Kitsap, Wy. Bremerton, Wa.

(2) LOCATION OF WELL: County Mason N E 1/4 S E 1/4 Sec 21 T 22 N. R. 2 W.M.

Bearing and distance from section or subdivision corner

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

(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.

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

MATERIAL	FROM	TO
<u>Topsoil Gravel</u>	<u>0</u>	<u>3</u>
<u>Brown Hardpan</u>	<u>3</u>	<u>67</u>
<u>Brown Sandy Clay</u>	<u>67</u>	<u>78</u>
<u>Brown Hardpan</u>	<u>78</u>	<u>114</u>
<u>Water Bearing & Gravel</u>	<u>114</u>	<u>118</u>

(5) DIMENSIONS: Diameter of well 10 inches.
 Drilled 118 ft. Depth of completed well 118 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 10 " Diam. from +1 ft. to 118 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 Stanfill Model No. _____
 Diam. 8 Slot size 15 from 113 ft. to 118 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? 18 ft.
 Material used in seal Benonite
 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 103 ft. below top of well Date _____
 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: 18 gal./min. with 10 ft. drawdown after 7 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
<u>10:30</u>	<u>113</u>	<u>10:33</u>	<u>105</u>		
<u>10:31</u>	<u>112</u>	<u>10:35</u>	<u>103</u>		
<u>10:32</u>	<u>109</u>				

Date of test 6-16-79
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

Work started 11-3, 1978, Completed _____, 19_____

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 Roy Stanfill
 (Person, firm, or corporation) (Type or print)
 Address 1745 N.E. Wm. E. Sutton, Rd. Bremerton, Wa.
 [Signed] Roy Stanfill
 (Well Driller)
 License No. 0468 Date _____, 19_____

JUN 27 1979
 RECEIVED
 JUN 30 1979
 DEPT. OF ECOLOGY