415997

30-2W-30G

WATER WELL REPORT

Original & 1st copy – Ecology, 2nd copy – owner, 3rd copy – driller

DEPARTMENT OF ECOLOGY State of Washington

Construction/Decommission *("x" in circle)*

☒ Construction

☐ Decommission *ORIGINAL INSTALLATION*

Notice of Intent Number _____

PROPOSED USE: ☐ Domestic ☐ Industrial ☐ Municipal ☐ DeWater ☐ Irrigation ☐ Test Well ☒ Other STATE PARK

TYPE OF WORK: Owner's number of well (if more than one) 2

☒ New well ☐ Reconditioned *Method:* ☐ Dug ☐ Bored ☐ Driven ☐ Deepened ☐ Cable ☒ Rotary ☐ Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 383 ft. Depth of completed well 119 ft.

CONSTRUCTION DETAILS

Casing Installed: ☒ Welded 6" Diam. from +1 ft. to 253 ft.
☒ Liner installed 4" Diam. from +1 ft. to 119 ft.
☐ Threaded _____" Diam. From _____ ft. to _____ ft.

Perforations: ☒ Yes ☐ No

Type of perforator used AIR ACTUATED STAR

SIZE of perfs 1/4 in. by 1 in. and no. of perfs 480 from 70 ft. to 98 ft.

Screens: ☒ Yes ☐ No ☐ K-Pac Location _____

Manufacturer's Name CERTALOCK

Type PVC Model No. _____

Diam. 4 Slot size .010 from 79 ft. to 99 ft.

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel/Filter packed: ☒ Yes ☐ No Size of gravel/sand 6/12

Materials placed from 60 ft. to 119 ft.

Surface Seal: ☒ Yes ☐ No To what depth? 18+ ft.

Material used in seal BENTONITE

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level _____ ft.

Static level 65 ft. below top of well Date 5/9/11

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? AQUA PUMPS

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	Time	Water Level
SEE	ATTACHED				

Date of test _____

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Airtest 3 EST gal./min. with stem set at 83 ft. for 1 hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? ☒ Yes ☐ No

CURRENT

Notice of Intent No. WE12694

Unique Ecology Well ID Tag No. BBS184

Water Right Permit No. 5127

Property Owner Name WA STATE PARKS AND REC

Well Street Address 4128 S. SMUGGLERS COVE

City COUPEVILLE County ISLAND

Location SW1/4-1/4 NE1/4 Sec 30 Twn 30 R 2E EWM ☐ Or WWM ☒
(s, t, r Still REQUIRED)

Lat/Long Lat Deg _____ Lat Min/Sec _____
Long Deg _____ Long Min/Sec _____

Tax Parcel No. (Required) R230292901590

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. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
TOP SOIL	0	2
BROWN SILTY CLAY AND GRAVEL	2	9
GREY SILTY CLAY AND GRAVEL	9	16
BROWN CEMENTED SAND & GRAVEL	16	31
BROWN LOOSE SAND AND GRAVEL	31	53
BROWN MEDIUM SAND	53	64
BROWN HARD CLAY	64	65
BROWN FINE SAND W/B	65	102
BROWN SILTY CLAY	102	104
BROWN FINE SAND	104	117
GREY CLAY	117	176
LIGHT GREEN CLAY	176	194
GREY CLAY	194	249
BROWN BASALT	249	253
GREY CLAY	253	271
GREY CLAY W/SMALL LESION	271	
FINE SAND WET		272
GREY CLAY	272	383

RECEIVED MAY 20 2011 Water Resources Program Department of Ecology

11 MAY 20 A9:00 DEPT OF ECOLOGY FISCAL BUDGET

Start Date 03/30/2011 Completed Date 05/09/2011

ORIGINAL

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) RICHARD DEBLER

Driller/Engineer/Trainee Signature

Driller or trainee License No. 2252

IF TRAINEE: Driller's License No:

Driller's Signature:

Drilling Company AQUA PUMPS AND WELL DRILLING, INC

Address 242 ALPINE VIEW LANE

City, State, Zip PORT ANGELES , WA, 98362

Contractor's Registration No. AQUAPW911BZ Date 05/14/2011

ECY 050-1-20 (Rev 02/10) *If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872.*

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

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30-2W-306

TABLE 1 of 3

CLIENT: WA. STATE PARKS & REC.
DATE: 5-9-11
WELL NO: ID TAG BBS184
LOCATION: 41285 Smugglers Cove Rd
ELEVATION (LSD:
PUMP SETTING: 102 FEET
AIRLINE SETTING: 0 FEET
AIRLINE ERROR: 0 FEET
STATIC LEVEL: 62 FEET
Electric line measuring point is 3' feet above LSD.

Note: Check airline gauge with an electric line. Enter any error above.

Uppermost Perforations: _____ feet

OBSERVATION WELLS

#1 Name/Well No:
Location/Dist:
Depth:
Elevation:
MP above LSD:

#2 Name/Well No:
Location/Dist:
Depth:
Elevation:
MP above LSD:

PUMPING WELL									OBSERVATION WELLS #1		#2	
TIME	GAUGE	WATER LEVEL	DRAW-DOWN	DISCHARGE: SEC OR HT	GPM	t	t'	t/t'	Water Level	Draw-Down	Water Level	Draw-Down
930		62				0						
931		64'3"			2	1						
935		71'5"			2	5						
940		75'9"			2	10						
945		77'2"			2	15						
950		79'5"			2	20						
955		80'9"				25						
1000		81'2"				30						
1010		81'9"				40						
1020		82'				50						
1030		82'3"				60						
1100		85			2	90						

DEPT. OF ECOLOGY FISCAL & BUDGET
11 MAY 20 A9:09

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TABLE 2 of 3 (con't)

TIME	GAUGE	PUMPING WELL WATER LEVEL	DRAW-DOWN	DISCHARGE SEC HT	DISCHARGE OR GPM	t	t'	t/t'	OBSERVATION WELLS #1 Water Level	#1 Draw-Down	#2 Water Level	#2 Draw-Down
1130		85'			2	120						
1200		83'6"			2	150						
M 1230		93'2"			3	180						
100		91'10"			2.5	210						
130		88'1"			2.5	240						
200		86'9"			2.25	270						
230		86'10"			2.25	300						
300		86'9"			2.25	330						
400		86'1"			2.25	390						
500		85'7"				450						
600		85'1"				510						
700		84'6"				570						
800		84'3"				630						
900		84'3"				690						
1000		84'1"				750						
1100		84'				810						
1200		84				870						
100		84				930						
200		83'11"				990						
300		84'				1050						
400		84'				1110						
500		84'			2.25	1170						
600	? →	88'6"			2.25	1230						
700		84'			2.25	1290						

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11 MAY 20 A9:09

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TABLE 3 of 3 (con't)

TIME	GAUGE	PUMPING WELL WATER LEVEL	DRAW-DOWN	DISCHARGE SEC HT	DISCHARGE OR GPM	t	t'	t/t'	OBSERVATION WELLS #1 Water Level	#1 Draw-Down	#2 Water Level	#2 Draw-Down
800		84'3"			2.25	1350						
900		84'4"			2.25	1410						
930		84'3"			2.25	1440						
					Recovery							
4 m 930						0						
931		82				1						
933		80'6"				3						
935		76'2"				5						
940		75'				10						
945		74'4"				15						
						20						
						25						
						30						
						END						

DEPT. OF ECOLOGY
FISCAL & BUDGET
11 MAY 20 A9

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