

## DISTRICT OF HIGHLANDS

### BY-LAW NO. 93

#### A BY-LAW TO AMEND "LANGFORD SUBDIVISION BY-LAW NO. 1982"

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The Council of the District of Highlands in open meeting assembled enacts as follows:

1. By-Law 986, cited as "Langford Subdivision By-Law No. 1982" is amended as follows:

#### **Section 13 - Specific Parcel and Service Level Requirements**

- (1) Include after subsection 13.7 the following new subsection:

"13.7A.00 Rural Residential 5 (RR5) Zone

13.7A.01 Panhandle Lots

Permitted in this zone:

- (1) minimum width of the access strip shall be 6 m.
- (2) Section 8.0.06 does not apply to this zone.

**13.7A.02 Minimum Service Levels**

- (1) Water - Individual well for each parcel.
- (2) Section 12.0.03 of this By-Law does not apply to this Zone.
- (3) Individual septic fields for each lot.
- (4) **(a) GROUNDWATER SOURCES**

Where groundwater is to be the source of supply, a report prepared by a Professional Engineer whose field of competence lies within the groundwater field shall be submitted. The groundwater report, presented in computer and written format, should discuss such points as hydrogeologic setting, aquifer boundaries, recharge conditions, water quality, and possibility of contamination. The report shall include a site plan showing location of the well sites and locations of any unsuccessful test wells. The report shall also include, where available, information from well logs and locations of all wells within the entire water basin(s) within, or partly within, the development area.

**(b) WELL LOCATION, CONSTRUCTION, TESTING AND DISINFECTION**

Wells shall be located, constructed, tested and disinfected in accordance with the Guidelines for Minimum Standards in Water Well Construction, Province of British Columbia (Groundwater Section, Water Management Branch, June 1992).

The exterior of the well casing shall be adequately sealed to prevent entry of surface contaminants into the well.

**(c) WATER QUANTITY**

The total developed dependable yield of the well shall equal, or exceed, 4,000 litres per day. The groundwater source shall be capable of sustaining this rate of flow continuously without utilizing more than 70% of the available drawdown below the lowest seasonal static water level.

Upon completion of drilling and construction of the well, a well test shall be carried out to determine if the well is capable of meeting the design maximum demand of 4,000 litres per day. This test shall involve continuous pumping at a constant discharge rate for a minimum of 6 hours. Measurements of both drawdown and recovery levels in the well shall be taken at time intervals short enough to adequately record any rapid drawdown during the start of pumping and any rapid recovery after the pump is shut down.

**(d) WATER QUALITY**

At least one sample of the pumped well water shall be taken near the end of the well test and sent for chemical analysis. These analyses shall include all major ions, iron and manganese, and tests for other metals if known to be present in the groundwater of the area. A sample for bacteriological analysis shall also be taken and must meet the requirements of the Capital Regional Health Department for potable water.

2. This By-Law may be cited as "Highlands Subdivision By-Law 1982, Amendment By-Law No.93, 1997"

READ A FIRST TIME THIS 5TH DAY OF AUGUST, 1997.

READ A SECOND TIME THIS 2ND DAY OF SEPTEMBER, 1997.

READ A THIRD TIME THIS 6TH DAY OF OCTOBER, 1997.

ADOPTED THIS 20TH DAY OF OCTOBER, 1997.

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MAYOR

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CLERK