

STATEMENT OF CONFORMANCE TO SUNSHINE COAST REGIONAL DISTRICT  
OFFICIAL COMMUNITY PLAN DEVELOPMENT PERMIT AREA POLICIES



## DPA 2C/2D – Flood Plane or Low Channel Confinement Hazard

This statement is provided in conjunction with the geotechnical assessment report completed herein to demonstrate that the assessment has addressed relevant policies of the Sunshine Coast Regional District Official Community Plan Development Permit Areas. This statement and accompanying geotechnical assessment report will be submitted by the client/applicant to the SCRD Planning Department as part of a complete Development Permit application. For details on this Development Permit Area, please refer to the [Official Community Plan](#) for the Electoral Area where the proposed development will occur. Flood Hazard Assessments shall conform to EGBC *Professional Practice Guidelines Legislated Flood Assessments in a Changing Climate in BC* and FLNRORD *Flood Hazard Area Land Use Management Guidelines*.

**To the Approving Authority:**

**Jurisdiction: Sunshine Coast Regional District**

**With reference to: Local Government Act (Part 14, Division 7 - Development Permits)**

**For the property:**

Civic address

Legal description

Parcel ID

Official Community Plan

### Geotechnical Report Checklist

This section confirms whether the geotechnical report addresses critical risks and risk mitigation measures as per the Official Community Plan. Please ensure that all items are responded to, and include the relevant sections and page numbers.

- 1. Analysis of the land located within the development permit area as well as an analysis of the proposed development including, but not limited to, building footprint, septic field location, new parcel lines, and land alterations including tree removal.**

☐ Yes

☐ No

☐ Not Applicable

Brief Summary of Analysis Completed:

Indicate report section and page(s): \_\_\_\_\_

## Geotechnical Report Checklist (Cont.)

**2. Hydrologic investigation including assessment of flooding and associated creek processes at the time of subdivision, building permit, or land alteration application.**

☐ Yes      ☐ No      ☐ Not Applicable

Brief Summary of Analysis Completed:

Indicate report section and page(s): \_\_\_\_\_

**3. Estimate of the 200-year return period peak flow and corresponding flood elevation.**

☐ Yes      ☐ No      ☐ Not Applicable

Brief Summary of Analysis Completed:

Indicate report section and page(s): \_\_\_\_\_

**4. Consideration given to potential for overbank flooding due to blockages in the creek, such as at upstream road crossings or areas where debris accumulates.**

☐ Yes      ☐ No      ☐ Not Applicable

Brief Summary of Analysis Completed:

Indicate report section and page(s): \_\_\_\_\_

**5. Consideration/estimation of scour and erosion over time:**

Yes      No      Not Applicable

Brief Summary of Analysis Completed:

Indicate report section and page(s): \_\_\_\_\_

## Geotechnical Report Checklist (Cont.)

6. Survey of the natural boundary of the creek and degree of confinement (e.g. typical cross-sections), and consideration of upstream channels and floodways, debris dams, culverts, sources of debris (within channels and eroded banks), and related hydrologic features.

☐ Yes      ☐ No      ☐ Not Applicable

Brief Summary of Analysis Completed:

Indicate report section and page(s): \_\_\_\_\_

7. Based on scale and expected life expectancy of the proposed development, EGBC Guidelines identifies risk thresholds. Please indicate the risk threshold used in this assessment. Return Period:

*Refer to table D-1 and D-2 of EGBC Guidelines*

Rainfall/Snowmelt Generated Flood, Ice Jam Flood: 200 year      Alluvial Fans: 500 year

Debris Floods/Flows, Glacial Lake/Moraine Dam, Including Alluvial Fans: Consideration of water levels, approximate flow velocities and loading conditions      Yes      No      Not Applicable

Brief Summary of Analysis Completed:

Indicate report section and page(s): \_\_\_\_\_

8. Flood Assurance Statement is required. Indicate if provided:

Yes      No

9. Indicate the report section and page(s) containing the statement that the land may be used safely as intended: \_\_\_\_\_

10. Site plan to scale of the subject property clearly showing surveyed characteristics of concern including:

- Safe building area (required for building construction and subdivision applications)
- Natural boundary of stream, and geohazards including flood hazard area, etc.
- Trees determined critical for land integrity or surface flow management
- Grades

Indicate the section and page number that contains the site plan: \_\_\_\_\_

## Additional Comments

### Statement of Conformance

The undersigned hereby gives assurance that he/she is a Professional Engineer or Professional Geoscientist, and certifies that the geo-technical assessment report for the Property to which this Statement attaches, has been completed in accordance with the relevant criteria of the SCRD Development Permit Areas, EGBC Guidelines and Provincial Guidelines.

Name of Geotechnical Professional: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

***To be accepted, Development Permit applications must include a Geotechnical Report sufficiently addressing Development Permit Area requirements and a site plan addressing #10, above.***

### SCRD Office Use

#### Intake Check

Correct DPA assessed ☐ Yes ☐ No Comments: \_\_\_\_\_

Other applications or enforcement associated with this file: \_\_\_\_\_

Receiving Planner Initials: \_\_\_\_\_ SCRD File Number: \_\_\_\_\_

Notes

#### Review Check

Assessment Reviewed By: \_\_\_\_\_ Review Date: \_\_\_\_\_

Notes: