

Regional District of Central Okanagan
 Post-Wildfire Environmental / Hazardous Conditions Assessment
Property Inspection Report

Civic Address:	7 Nerie Rd.	Date of Inspection:	11/5/2021
PID:	007-889-950	Author:	J. Clarke, P.Geo.
RDCO Area:	Estamont		
Domestic water supply source:	Estamont Community Water System		
Nearest Waterbody (lake or stream)	Okanagan Lake		
Element at Risk:	Okanagan Lake		
Structures Lost:	All		
Observed Site Conditions:	Sloped lot with several low retaining wall structures.		
Soils:	Sandy gravel, fill		
Slopes:	10% to lake, short steep (70%) slope below Nerie Road to lot.		
Groundwater Observations:	No seepage noted.		
Foreshore Conditions:	Mix of natural cobbles and low (<0.5 m) cobble mortar wall, dock ok. Noted disturbance along foreshore area associated with demolition and clean up efforts.		
Setback Distance & Elevation from HWM* or Top of Bank (SHIM):	Est. >15 m setback from lake to residence; est. >1.5m elevation. To be confirmed.		
Wildfire Effects Upslope/Upstream:	Slopes above Nerie Road are burned.		

Hazards Noted:	Potential for upslope soil erosion.	
Spatial Likelihood:	Low potential for sediment delivery to lower slopes and to Okanagan Lake.	
Hazard Level: MODERATE	Spatial Likelihood: LOW	Risk Level: LOW

Recommended Recovery Response and Considerations for Future Development:	Short term: Be prepared for higher than usual runoff and associated soil erosion from slopes above.	

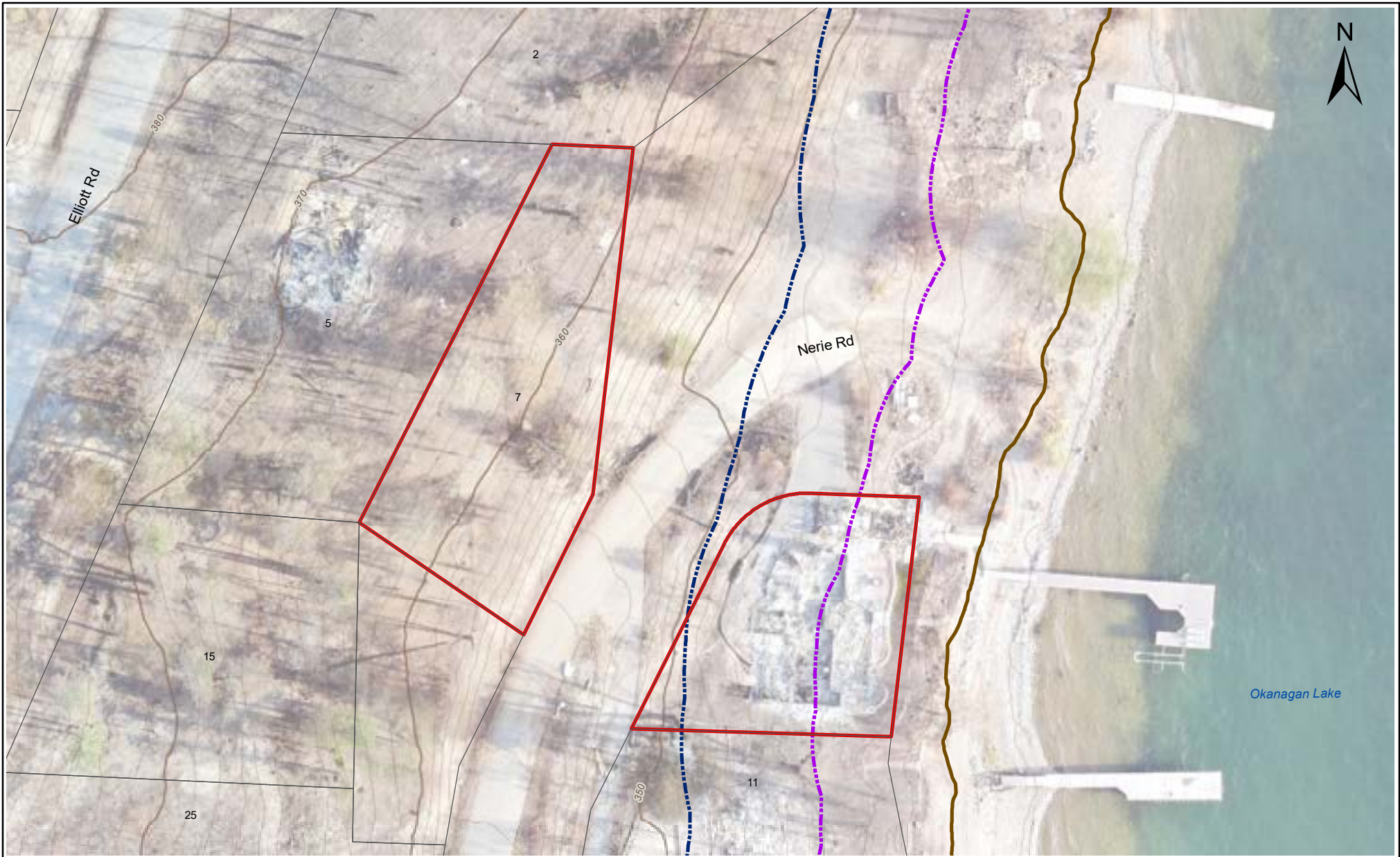
* HWM was visually identified in field and defined by 343m elevation on maps, distance is approximate and subject to confirmation by survey



Photo 1: View of foreshore area at 7 Nerie Rd.



Photo 2: View from foreshore area at 7 Nerie Rd. with low mortared rock wall.



LEGEND

- Property Parcel
- Subject Property
- 343m Elevation - Highest Target Lake Level + 0.5m (approx. High Water Elevation of Okanagan Lake)
- 15 m Setback Distance (from 343m elevation)
- 30 m Setback Distance (from 343m elevation)

Maps are provided for information only. For permitting purposes, both riparian and floodplain setbacks are to be measured from the natural boundary and confirmed by a legal land survey.

Orthoimagery obtained from RDCO (acquisition date: Sept. 10, 2021).

Client:

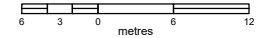
REGIONAL DISTRICT OF CENTRAL OKANAGAN (RDCO)

Project:

ENVIRONMENTAL/HAZARDOUS CONDITIONS ASSESSMENT - NORTH WESTSIDE ROAD AREA

Title:

7 NERIE ROAD



Scale: 1:600 NAD 1983 UTM Zone 11 U

Figure No.

Project No: 21-0115

Date: January 28, 2022

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