



March 20, 2020

T&A Rock Works, Inc. will be conducting rock drilling and blasting work for Hall Constructors on the Rose Valley Reservoir project. The proposed project start is set for early April (1<sup>st</sup>-7<sup>th</sup>) with the drilling and blasting estimated to conclude by May 31<sup>st</sup>.

T&A Rock Works, Inc., has been providing rockwork services in the Okanagan Valley and BC Interior since 1979. The majority of our work is completed within residential areas in close proximity to existing homes and other structures. Our crews continually receive extensive training on the most up-to-date blasting skills and knowledge needed to perform this work accurately and without harm. Safety is always our number one priority. T&A Rock Works, Inc., has an outstanding safety program (certified by both WorkSafeBC and the Forest Safety Council) which requires that we follow all regulations set by the governing authorities.

Rock blasting produces ground vibrations. These vibrations are measured using a seismograph. The seismographs are set up at homes or structures closest to the blast. Each blast is designed to achieve lower vibration levels than the industry recommended limit of 50mm/second. When conducted with proper care and attention, blasting vibrations will not cause structural damage to homes or buildings; however, due to the nature of blasting rock, securing delicate belongings is a beneficial precaution. In addition to ground vibrations, rock blasting produces Air Overpressure (air movement) and noise. The air movement can cause windows to rattle, similar to a clap of thunder. The noise or feeling of a blast can be altered based on current weather conditions and the directions of the blast.

#### **What can be expected with area blasting**

- When in close proximity to homes, blasts are covered with specialty blasting mats, which help to contain the rock
- Guards will be positioned around the blast area to establish safety lines and prevent traffic and persons from entering the blast zone
- Warning sirens are used to signal upcoming blasts
  - 12 short honks indicate that the blast will be detonated when safe to do so
  - One 5 second long honk indicates that the blast is over and the area is safe
- Crews may ask bystanders to vacate the blasting area to ensure the safety of individuals and crew members

To learn more about our company and services, please visit <http://tarockworks.com>. Pictures and videos of equipment used and various projects can be viewed along with an FAQ. If you have any questions or need assistance, please email [tarockworks@shaw.ca](mailto:tarockworks@shaw.ca) or call (250) 765-4811. Our Insurance adjustors are Coast Claims at 250-851-3113

Sincerely,

T&A Rock Works, Inc.