



March 11, 2016

To whom it may concern:

**Re: Third Party Verification of Clearflow Product line at GHO**

I have been asked by Jerry Hanna of Clearflow Group Inc. to verify the use of their product line, as of this date, at Greenhills Operations (GHO), their respective varied utility and effectiveness and approved use as per the Ministry of Environment for British Columbia (MoE). Approval, on a trial basis, was given in 2014 by the MoE as an alternative and more environmentally conscious method of source treatment for the high amount erosion and sediment control at GHO and assisting in the settling of solids in the water column due to on-going mining activities.

GHO currently uses the following products: Water lynx (WL) 800-20, WL 360 blocks, Dust Lynx H56, Soil Lynx and WL 494 (in their portable filtration unit, "bazooka"). While some products are used at specific locations, such as WL 800-20 for the settling of Total Suspended Solid (TSS) in our sedimentation ponds, the use of the remainder of the products was granted in Q2 of 2015 for use throughout GHO as required.

With the technical assistance and on-going support of Clearflow,, we have reduced costs by stabilizing bank slopes with the appropriate soil lynx products and laying down jute curtains to prevent sediment from entering streams and water courses, and have increased confidence in site staff and regulators by promoting a mindset of prevention over reaction. Current permitting allows us to deploy WL 360 in creeks and streams (both fish and non-fish bearing), along with the remainder of the products (with the exception of WL800-20 as it is Cationic and requires more stringent release methods, such as an automated flocculant station) in any situation deemed relevant by site Qualified Professionals.

The use of the WL 360 blocks in settling TSS has proved to be incredibly effective in point source treatment, limiting the use of additional cationic flocculant dosing (WL 800-20) pre-pond, thereby reducing our dependency on settling pond residence time and capacity. We have also been able to eliminate historical products from competitors which had a high chance of possible harm to the local environment. It has also prompted several other mines to trial and implement similar products and processes for efficiency (reducing sedimentation pond designs via source treatment) and environmental safeguarding.

By utilizing the variety of products from Jerry Hanna and Clearflow Group Inc. we have been able to stabilize soils for reclamation and pond clean out, without noticeable alterations to the natural chemistry of our soils and water courses.

Sincerely,