

**Date:** October 31, 2019 at 9:38:53 AM PDT  
**To:** WASHINGTON-KALAMA-REFINERY@LISTS.SIERRACLUB.ORG  
**From:** Chris Turner

This is the January 2017 agreement between Northwest Innovations and the Cowlitz Fire District. This agreement was signed before the Shoreline hearing, slipped in as Exhibit N25, and does not match the conditions in the final HE decision. Does the fire district even realize that the HE added conditions regarding fire safety?

It does show that this agreement is not a one-time GRANT as characterized by the TDN article. It's not free money to the fire department. It is a one-time service fee, as the HE described in his final Shoreline permit decision in 2017. Necessary to upgrade facilities in Kalama.

The intent of having a condition regarding fire safety on the Shoreline permit, was to deal with the problem that methanol burns without visible flames.

Imagine Nustar not knowing exactly what was burning or that the third tank was on fire. To me, it's easy to see that there isn't anything in the agreement to deal with fighting a methanol fire. The Automatic Addressable Fire Alarm System, seems to be a control panel, only pointing the fire brigade in the right direction, into the flames. Who is going to monitor this panel when all the employees understandably run for their lives?

Obviously, we don't want our firefighters, like they used to do, holding out a straw broom to see exactly where the fire is!

Obviously, water sprinklers are not the best, current technology, that NWIW can do to protect their fire brigade and Cowlitz Fire on-site. What about accessibility to the foam and IR/UV equipment? Disgusting, no wonder they buried their agreement.

Equipment is necessary for our responding fire trucks and personnel to be able to instantly see the flames before they drive or walk into them. Equipment for a spotter plane would also be extremely valuable. (Of course, that's if we had a spotter airplane)

This equipment is absolutely necessary for a methanol refinery. Is that what we will have, without the public paying for it? The cost is NWIW's responsibility.

I'm hoping that the refinery proposal won't go any further. But, we need to keep this 2017 propaganda agreement front and center. To me, it's unbelievably, totally inadequate. Fire equipment is necessary day one. Not, years down the road when the County can afford it.

Chris