From:	Planning
To:	Anne Hilton; Charles Koob; Courtney Reckker; Kathleen M. Wurmlinger; Nathan Oprita; Rick Mills; Robert Buechler; Shannon Muir
Subject:	FW: 1/2 Supplemental Submittal - More Information on Portside Solar
Date:	Monday, October 30, 2023 11:36:00 AM

From: Toby Valentino <toby@rangerpower.com>
Sent: Friday, October 27, 2023 4:08 PM
To: Planning <planning@fortgratiot.us>; Robert Buechler <rbuechler@fortgratiot.us>
Subject: Re: 1/2 Supplemental Submittal - More Information on Portside Solar

Hello,

Following up here, please see below for language from Canadian Solar's 2022 ESG report outlining the heavy metals testing that their modules (solar panels) are subject to. We will be using a Tier 1 module at our Portside Solar project, whether Canadian Solar or another manufacturer that will be subject to similar requirements.

Canadian Solar 2022 ESG Report:

"At the product level, our solar modules and system solutions adhere to the European Union's REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulation for chemicals (EC) No. 1907/2006 and follow the implementation guidelines issued by the European Chemical Agency (ECHA)… All our photovoltaic module designs undergo Toxicity Characteristic Leaching Procedure (TCLP) testing to monitor the presence of any toxic metal substances (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver) according to TCLP Standard EPA Test Method 1311, as issued by the U.S. Environmental Protection Agency (EPA) under the Toxic Substances Control Act (TSCA) for landfill disposal of modules. We also closely monitor regulations under the EPA's TSCA, governing the manufacturing and use of chemical substances in the U.S. Our photovoltaic modules adhere to the latest ruling requirements over PBT Chemicals (Persistent, Bioaccumulative, and Toxic) under the TSCA"

Best,
Toby

On Fri, Oct 27, 2023 at 2:11 PM Toby Valentino <toby@rangerpower.com> wrote:

> Hello,
>
> At a recent St. Clair County Board meeting we were asked about panel safety and life after their use. I have addressed panel safety already. To follow up on the questions regarding use of the county landfill, we do not expect the need to dispose of panels at the county landfill. I have confirmed that It is not standard practice for us to dispose of panels at landfills. In the rare case there are issues with a panel, the panel is taken off site, and either sent to recycling centers, or back to the manufacturer to be repaired. We expect this to continue to be the case for the Portside project we are proposing.
>
> Best,
> Toby