

## Questions and Answers:

### **Q1) Is PFOS regulated in soil in Ontario? If so, under what regulation?**

A1) There is currently no provincial criteria for PFOS in Ontario. The disposal options for the fuselage, soil and water within the FTA have been outlined in the Section 02 61 00.01 of the specifications to ensure the material is disposed in an environmentally sound manner and is not disposed inappropriately due to the lack of provincial regulation.

There are federal criteria, including the below:

**i: Under attachment 007:** Human Health Soil Screening Values (SSV) for Perfluoroalkyl Substances (PFAS), Health Canada, May 2019. Memorandum: Updates to Health Canada Soil Screening Values for Perfluoroalkylated Substances (PFAS). May 2019.

**ii: Under attachment 008:** Draft Federal Soil Quality Guidelines (FEQG) for Perfluorooctane Sulfonate (PFOS) - Environment and Climate Change Canada (ECCC) 2017, as referenced in Federal Contaminated Sites Action Plan (FCSAP), Interim Advice to Federal Custodian Departments for the Management of Federal Contaminated Sites Containing Perfluorooctane Sulfonate (PFOS) and other Per- and Polyfluoroalkyl Substances (PFAS), Version 1.4.1 (FCSAP, April 2018).

### **Q2) Thermal treatment of PFOS-contaminated soil can reduce the concentration by up to 98%; is destruction of PFOS in soil considered a viable management option to appropriately manage long-term liability?**

A2) High temperature incineration is considered an appropriate technology for the destruction of PFAS. Incineration of PFAS impacted granular material and soil has to occur at a high temperature incinerator licensed to handle hazardous waste.

### **Q3) Is there any further water quality information (lab data) available? Specifically, hydrocarbons, iron, metals and oxidants.**

A3) Please see the **attachment 009** with the available analytical results ("Surface Water Analytical Results").

### **Q4) Is there a spec on the tarp you are wanting us to use to cover the excavation at the end of each day?**

A4) There is no spec for the tarp, but it should be effective at redirecting rain water and runoff away from the FTA and excavation to minimize the volume of water that requires pumping and offsite incineration. Any water in contact with the material within the FTA is to be removed and incinerated. If the tarp is determined by the Departmental Representative to be deficient in meeting the objective above, cost for offsite incineration of excess water and material will be the responsibility of the contractor.