



## **FOX-D REMEDIAL ACTION PLAN**

### **ADDENDUM**

#### **6.4 Contaminated Soils**

The extents of the contaminated soil areas were revised based on additional information collected in 2016. See Table 1 for revised estimated contaminated soil volumes.

##### **6.5.1 Non-Hazardous Materials and**

##### **6.5.2 Hazardous Waste**

The remedial plan for concrete foundations at the FOX-D site was revised. The plan was revised to include demolishing above-grade concrete foundations to existing ground elevation and regrading with granular fill. The remedial plan was revised to remove contaminated portions of the concrete foundation by selectively removing (scabble) the top surface of the foundation and containerizing scabbled material as hazardous waste. Following confirmatory testing, foundation will be regraded with granular fill.

At APEC 2, additional analytical testing in 2016 confirmed painted rocks were below the leachable lead criterion of 5 mg/kg. The revised plan for aesthetic purposes is to dispose of the painted rocks within an excavation at the Upper Site.

##### **6.5.3 Buried Debris in Existing Class C Landfills**

The original remedial plan involved re-stabilizing non-hazardous materials in the Northern slope dump (APEC 9-1). The remediation of APEC 9-1 was revised to include excavating all materials from the landfill for off-site disposal.

Surface debris will be removed prior to excavation and caution will be exercised during excavation due to difficult access and the potential for buried hazardous materials. During excavation of the buried debris area waste will be segregated. Type B petroleum hydrocarbon (PHC) impacted soils suitable for on-site treatment will be treated in the on-site treatment facility, non-hazardous materials and containerized hazardous materials will be transported off-site for disposal.





**Table 1. Contaminated Soil Summary**

Area	Estimated Contaminated Soil Volume (m <sup>3</sup> )				
	CEPA	Tier II	Tier I	Type B PHC	Type A PHC
<b>APEC 1B – POL Tanks and Drainage Pathway</b>	-	-	-	APEC 1B-1: 435 APEC 1B-2: 5 APEC 1B-3: 17	-
<b>APEC 2 – Antenna and Paint Splattered Rocks</b>	-	-	-	-	-
<b>APEC 3 – Burnt Building Remains</b>	-	APEC 3-1: 180 <sup>(1)</sup>	-	-	-
<b>APEC 4 – Warehouse Foundation and Stained Areas</b>	-	-	-	APEC 4-1: 400 APEC 4-2: 9	-
<b>APEC 5 – Stain #1</b>	-	-	-	APEC 5-3: 384	APEC 5-1: 3 APEC 5-2: 3
<b>APEC 6 – Former Garage</b>	-	-	APEC 6-1: 3 <sup>(2)</sup>	APEC 6-2: 240	-
<b>APEC 7 – Stain #2</b>	-	APEC 7-2: 3 <sup>(3)</sup>	-	APEC 7-4: 325 APEC 7-5: 25 APEC 7-6: 5	APEC 7-1: 3 APEC 7-3: 3
<b>APEC 8 – Burnt Debris</b>	-	APEC 8-1: 8	-	-	-
<b>APEC 9 – Northern Slope Dump</b>	-	APEC 9-2: 37 <sup>(4)</sup>	-	APEC 9-3: 105	-
<b>APEC 10 – South Slope Dump</b>	-	-	-	-	-
<b>APEC 11B – Airstrip Fuel Cache</b>	-	-	-	APEC 11B-1: 9	-
<b>APEC 11C – Construction Camp</b>	-	-	-	APEC 11C-2: 290	APEC 11C-1: 3 APEC 11C-3: 28 APEC 11C-4: 10
<b>APEC 12 – Landing Area</b>	-	-	-	APEC 12-1: 67 APEC 12-2: 19 APEC 12-4: 15 APEC 12-5: 30	APEC 12-3: 30
<b>TOTALS (m<sup>3</sup>)</b>	<b>0</b>	<b>228<sup>(5)</sup></b>	<b>3</b>	<b>2380</b>	<b>83</b>

Notes:

(1) Type B PHC, Tier II Metals and Tier I PCBs

(2) Tier I PCBs and Type B PHC

(3) Tier II Metals and Tier I PCBs

(4) Tier II PCBs and Type A PHCs

(5) Tier II Soil identified is co-contaminated as indicated.