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**ADDENDUM C**  
**WMA FACILITY DESCRIPTION**

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**ADDENDUM C**  
**WMA FACILITY DESCRIPTION**

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## ADDENDUM C

### WMA PROCESS INFORMATION

#### C.1 Waste Management Areas (WMA)

Seven Single Shell Tanks (SST) System WMAs have been identified in [Hanford Federal Facility Agreement and Consent Order](#) (HFFACO) Appendix B, as follows:

- WMA A-AX: 241-A and AX tank farms
- WMA B-BX-BY: 241-B, BX, and BY tank farms
- WMA C: 241-C tank farm
- WMA S-SX: 241-S and SX tank farms
- WMA T: 241-T tank farm
- WMA TX-TY: 241-TX and TY tank farms
- WMA U: 241-U tank farm

All WMAs contain additional ancillary equipment, piping, and other equipment that supported the operation of the tank systems; all the WMAs contain unplanned release (UPR) waste sites that will require remediation decisions or corrective actions prior to final WMA closure.

A brief description of each WMA are provided below and this description will be replaced once the required WMA description and process information are submitted to Ecology and incorporated into this Permit as Addendum C.

##### C.1.1 WMA C

The 241-C tank farm is located in the 200 East Area and contains sixteen buried SSTs. The 241-C tank farm contains twelve 100-series tanks with capacities of 1.9 million liters (0.5 million gallons), and four 200-series tanks with a tank capacity of 208,000 liters (55,000 gallons). The 241-C tank farm was constructed between 1943 and 1944, and removed from service between 1976 and 1980. WMA C contains additional ancillary equipment, piping, and other equipment that supported the operation of the tank systems.

##### C.1.2 WMA A/AX

This WMA includes 241-A tank farm and 241-AX tank farms, both located in the 200 East Area. The 241-A tank farm contains six 3.8 million liter (1 million gallons) buried SSTs built in the mid-1950s and retired from service between 1963 and 1980. The tanks are numbered 241-A-101 through 241-A-106.

The 241-AX tank farm is located adjacent to the 241-A tank farm in the 200 East Area and contains four 3.8 million liter (1 million gallons) tanks. The 241-AX tanks were the last SSTs to be built, and were operated from the 1960s to 1980. The tanks in the 241-AX tank farm are numbered 241-AX-101 through 241-AX-104.

WMA A/AX also contains additional ancillary equipment, piping, and other equipment that supported the operation of the tank systems.

##### C.1.3 WMA B/BY/BX

This WMA includes 241-B, 241-BY, and 241-BX tank farms, all located in the 200 East Area. WMA B/BY/BX contains a total of forty buried SSTs.

The 241-B tank farm contains twelve 100-series tanks with capacities of 1.9 million liters (0.5 million gallons), and four 200-series tanks with a tank capacity of 208,000 liters (55,000 gallons). The 241-B tank farm was constructed between 1943 and 1944, and was retired from service between 1971 and 1978.

1 The tanks in the 241-B tank farm are numbered 241-B-101 through 241-B-112, and 241-B-201 through  
2 241-B-204.

3 The 241-BX tank farm contains twelve 100-series tanks with capacities of 1.9 million liters (0.5 million  
4 gallons). The tank farm was built between 1946 and 1947, and was removed from service between 1971  
5 and 1980. The 241-BX tank farm is located adjacent to the 241-BY tank farm, and the tanks are  
6 numbered 241-BX-101 through 241-BX-112.

7 The 241-BY tank farm contains twelve 100-series tanks with capacities of 2.8 million liters (0.75 million  
8 gallons). The tanks were placed in service between 1950 and 1953, and were removed from service  
9 between 1971 and 1979. The tanks in the 241-BY tank farm are numbered 241-BY-101 through 241-BY-  
10 112.

11 WMA B/BX/BY also contains additional ancillary equipment, piping, and other equipment that supported  
12 the operation of the tank systems.

### 13 **C.1.4 WMA S/SX**

14 This WMA includes 241-S and 241-SX tank farms, both located in the 200 West Area, and contains a  
15 total of twenty-seven buried 100-series SSTs.

16 The 241-S tank farm is comprised of twelve tanks with capacities of 2.8 million liters (0.75 million  
17 gallons). The tanks were placed in service in 1950 and 1951, and were retired between 1968 and 1980.  
18 The tanks in the 241-S tank farm are numbered 241-S-101 through 241-S-112.

19 The 241-SX tank farm has fifteen 3.8 million liters (1 million gallons) tanks that were constructed in 1953  
20 and 1954, and were removed from service between 1958 and 1980. The tanks are numbered 241-SX-101  
21 through 241-SX-115.

22 WMA S/SX also contains additional ancillary equipment, piping, and other equipment that supported the  
23 operation of the tank systems.

### 24 **C.1.5 WMA T**

25 This WMA includes only tank farm 241-T and is located in the 200 West Area, WMA T contains sixteen  
26 buried SSTs, including twelve 100-series tanks with capacities of 1.9 million liters (0.5 million gallons),  
27 and four 200-series tanks with a tank capacity of 208,000 liters (55,000 gallons). The tanks were built in  
28 1943 and 1944, and removed from service between 1973 and 1979. The tanks in the 241-T tank farm are  
29 numbered 241-T-101 through 241-T-112, and 241-T-201 through 241-T-204.

30 WMA T also contains additional ancillary equipment, piping, and other equipment that supported the  
31 operation of the tank systems.

### 32 **C.1.6 WMA TX/TY**

33 This WMA includes both 241-TX and 241-TY tank farms. WMA TX/TY is located in the 200 West Area  
34 and contain twenty-four buried SSTs.

35 The 241-TX tank farm contains eighteen 100-series tanks with capacities of 1.8 million liters (0.75  
36 million gallons). The tanks were placed in service in 1949 and were retired between 1969 and 1980. The  
37 tanks in the 241-TX tank farm are numbered 241-TX-101 through 241-TX-118.

38 The 241-TY tank farm is located adjacent to the 241-TX tank farm, and contains six 100-series tanks with  
39 capacities of 1.8 million liters (0.75 million gallons). The tanks were built in 1951 and 1952, and were  
40 removed from service between 1959 and 1980. The tanks in the 241-TY tank farm are numbered 241-  
41 TY-101 through 241-TY-106.

42 WMA T/TY also contains additional ancillary equipment, piping, and other equipment that supported the  
43 operation of the tank systems.

1 **C.1.7 WMA U**

2 The WMA U only includes one tank farm, 241-U, which is located in the 200 West Area, and contains  
3 sixteen buried SSTs, including twelve 100-series tanks with capacities of 1.9 million liters (0.5 million  
4 gallons), and four 200-series tanks with a tank capacity of 208,000 liters (55,000 gallons). The 241-U  
5 tanks were constructed in 1943 and 1944, and were retired from service between 1951 and 1980. The  
6 tanks in the 241-U tank farm are numbered 241-U-101 through 241-U-112, and 241-U-201 through  
7 241-U-204, for 100-series and 200-series tanks, respectively.

8 WMA U also contains additional ancillary equipment, piping, and other equipment that supported the  
9 operation of the tank systems.

10 **C.2 Requirements for WMA Process Information**

11 As the SST System is permitted to be closed on WMA basis, detailed facility descriptions of the WMAs  
12 with process information are required to be submitted to Ecology, as specified within this Permit  
13 subsection, to furnish the closure actions of each WMA.

14 The submitted process information for each WMA will become Addendum C. The submission and  
15 updating of the WMAs process information are subject to Ecology approval under the terms of Permit  
16 Condition I.C.3. The WMAs process information, along with SST System process information will  
17 become the supporting information for WMA and SST System closure decisions.

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