



**U.S. Department of Energy
Hanford Site**

September 14, 2023

23-PFD-0009

Mr. David B. Bowen, Program Manager
Nuclear Waste Program
Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Dear Mr. Bowen:

**COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT
ORDER TARGET MILESTONE M-091-47-T03**

The purpose of this letter is to notify the Washington State Department of Ecology (Ecology) of the completion of Hanford Federal Facility Agreement and Consent Order Target Milestone, M-091-47-T03, due September 30, 2023. The milestone requires the U.S. Department of Energy (DOE) to “Certify or treat 280 cubic meters of transuranic mixed (TRUM) waste and mixed low-level waste (MLLW).” DOE achieves credit towards this volumetric requirement through a combination of 1) certification of small or large container TRUM waste or 2) treatment and disposal of MLLW from small or large containers. Certification of TRUM waste and MLLW, and/or treatment and disposal of MLLW in excess of the volumetric requirement of previous M-091-47 series target dates, can be credited towards future M-091-47 series target dates.

A list of processed containers to be applied towards the milestone are contained in the Attachment.

If you have any questions, please contact me, or you may contact Kelly Ebert, Capital Projects Team Lead, Project and Facilities Division, at (509) 376-7756.

Sincerely,

**MARK
FRENCH**

Digitally signed by MARK
FRENCH
Date: 2023.09.14
10:26:20 -07'00'

Mark S. French, Deputy Assistant Manager
for River and Plateau

PFD:KAE

Attachment

cc: See page 2

Mr. David B. Bowen
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cc w/attach:

D. J. Alexander, Ecology

J. Bell, NPT

C. Buck, Wanapum

A. S. Carlson, Ecology

L. Contreras, YN

D. R. Einan, EPA

T. Q. Howell, Ecology

M. Murphy, CTUIR

E. A. Rochette, Ecology

S. N. Schleif, Ecology

M. Woods, ODOE

Administrative Record (M-091-47-T01, M-091-47-T02)

Environmental Portal

HAB Facilitation (HAB@slind.net)

cc w/o attach:

S. L. Brasher, HMIS

L. K. O'Mara, CPCCo

M. J. Turner, HMIS

Attachment
23-PFD-0009

TPA Milestone M-091- 47-T03 (280-m3)
TRUM/MLLW Waste Validation Data Report

(2 pages including cover sheet)

TPA Milestone M-091-47-T03 (280-m ³) TRUM/MLLW Waste Validation Data Report											
TPA	Shipment Number	Shipment Date to PFNW	Shipped Waste Package IDs (PINs)	Waste Removed From CWC Location	Waste Volume Shipped	Shipped Waste Package Type	Return Shipment Number	Return Shipment Date (Completion)	Waste Volume Completed (m3)[1]	Returned TRUM Waste Packages	Returned TRUM Waste PINs
M-091-47-T03	Extra Volume Carried Forward From Meeting M-091-47-T02 = 19.3										
M-091-47-T03	TC181	1/10/19	75DMA12F3	CWC-RSW	32.70	FRP	TR1902	3/5/19	32.72	4 SWB's	MW18800059 MW19800001 MW19800002 MW19800003
M-091-47-T03	TC183	1/17/19	ZBB78121.A	CWC-RSW	32.62	FRP	TR1903	3/28/19	32.72	4 SWB's	MW19800004 MW19800010 MW19800011 MW19800012
M-091-47-T03	TC198	1/24/19	75DMA16F4	CWC-RSW	43.50	FRP	TR1904	4/11/19	43.51	4 SWB's	MW19800013 MW19800014 MW19800015 MW19800016
M-091-47-T03	TC199	3/14/19	WH82-057	CWC-RSW	14.27	Metal Box	TR1905	5/7/19	14.30	3 SWB's	MW19800017 MW19800018 MW19800019
M-091-47-T03	TC201	3/28/19	325-75-0014S	CWC-RSW	49.40	Metal Box	TR1906	5/16/19	49.48	5 SWB's	MW19800020 MW19800021 MW19800022 MW19800023 MW19800024
M-091-47-T03	TC189	4/25/19	2345Z1222	CWC-RSW	43.47	FRP	TR1909	6/6/19	43.50	7 SWB's	MW19800025 MW19800027 MW19800028 MW19800029 MW19800032 MW19800034 MW19800035
M-091-47-T03	TC188	6/4/19	231ZDR-10	CWC-RSW	38.06	FRP	TR1908	7/11/19	38.06	6 SWB's	MW19800043 MW19800044 MW19800045 MW19800046 MW19800047 MW19800048
M-091-47-T03	TC194	5/23/2019	3597-9-148	CWC-RSW	11.27	FRP	TR1914	7/11/19	11.30	2 SWB's	MW19800041 MW19800042
M-091-47-T03	TC203	5/16/2019	WH82-058	CWC-RSW	14.48	Metal Box	TR1911 TR1911-1 TR1911-2	6/25/19 04/21/20 05/07/20	14.10 .2 .2	5 SWB's 55 gallon Drum 55 gallon Drum	MW19800036 MW19800037 MW19800038 MW19800039 MW19800040 MW20800035 MW20800036
Total Waste Volume Completed as-of 07/11/2019 =									2,019.6		
Volume (m3) Counted Toward M-091-47A (Completed 09/10/2015) =									280.0		
Volume (m3) Counted Toward M-091-47B (Completed 02/11/2016) =									280.0		
Volume (m3) Counted Toward M-091-47C (Completed 11/03/2016) =									280.0		
Volume (m3) Counted Toward M-091-47D (Completed 08/08/2017) =									280.0		
Volume (m3) Counted Toward M-091-47-T01 (Completed 05/31/2018) =									280.0		
Volume (m3) Counted Toward M-091-47-T02 (Completed 11/27/2018) =									280.0		
Volume (m3) Counted Toward M-091-47-T03 (Completed 07/11/2019) =									280.0		
Extra Volume Carried Forward After Meeting M-091-47-T3 =									none		
[1] Completed waste volume is based on the original parent waste package volume.											