

**CAPSULE INTERIM STORAGE UNIT
ADDENDUM E
SECURITY
CHANGE CONTROL LOG**

Change Control Logs ensure that changes to this unit are performed in a methodical, controlled, coordinated, and transparent manner. Each unit addendum will have its own change control log with a modification history table. The “**Modification Number**” represents Ecology’s method for tracking the different versions of the permit. This log will serve as an up to date record of modifications and version history of the unit.

Modification History Table

Modification Date	Modification Number
02/20/2020	8C.2020.1F

This page intentionally left blank.

1
2
3
4
5

**ADDENDUM E
SECURITY**

1
2
3
4
5

This page intentionally left blank.

**ADDENDUM E
SECURITY**

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

TABLE OF CONTENTS

E.1 Security 5
E.1.1 Hanford Site Security 5
E.1.2 Capsule Interim Storage Security Provisions 5
E.1.2.1 Access Control 5
E.1.2.2 Warning Signs 5

FIGURE

Figure E-1 Capsule Storage Area Warning Signs (Month Unknown, 2017) 6

1
2
3
4
5

This page intentionally left blank.

1 **E.1 Security**

2 This addendum discusses the security requirements relative to the Capsule Interim Storage (CIS)
3 Operating Unit Group (OUG) and complies with the security requirements set forth in Washington
4 Administrative Code (WAC) 173-303-310, Dangerous Waste Regulations, *Security*.

5 CIS, located within the western portion of the 200 East Area of the Hanford Facility, consists of the
6 operating Capsule Storage Area (CSA) Dangerous Waste Management Unit (DWMU) (Figure E-1).

7 CIS operations provide for continued safe storage and maintenance of the 1,936 capsules containing
8 cesium and strontium radioactive mixed waste. The double-encapsulated cesium and strontium salts are
9 stored in a Cask Storage System on the CSA storage pad. CIS storage operations are designed to protect
10 human health and the environment from the encapsulated mixed waste.

11 **E.1.1 Hanford Site Security**

12 The Hanford Site is a controlled-access area. Permit Attachment 3, *Security*, of the WA7890008967,
13 Hanford Facility Resource Conservation and Recovery Act Permit, describes the multi-tiered site-wide
14 security system and how it applies to the requirements for signs [WAC 173-303-310(2)(a)], 24-hours
15 surveillance [WAC 173-303-310(2)(b)], and artificial and natural barriers [WAC 173-303-310(2)(c)].

16 **E.1.2 Capsule Interim Storage Security Provisions**

17 CIS complies with access control and warning sign requirements pursuant to WAC 173-303-310(1) and (2).

18 **E.1.2.1 Access Control**

19 Unknowing entry and the possibility for unauthorized entry of persons or livestock onto the active portion
20 of CIS are minimized through implementation and maintenance of security fencing. Access to the CSA
21 DWMU is controlled by a 2.4 m (8 ft) tall chain-link fence encircling the CIS perimeter with access
22 provided through vehicle and personnel gates. A second 2.4 m (8 ft) tall chain-link fence encircles the
23 portion of the DWMU that contains the waste storage configuration. The CIS gates are under
24 surveillance by authorized personnel when work activities are occurring in the area. All gates remain
25 closed and locked when not in use. Access is controlled and accessible to authorized personnel only
26 [WAC 173-303-310(2)(c)]. Keys to access gates are controlled by Project Operations dispatch personnel,
27 and accessible only by authorized personnel.

28 Visitors to CIS must adhere to all personal protection requirements, and are subject to escorting protocols.
29 Personnel training requirements for security protocol for those individuals whose assigned work tasks
30 directly relate to CIS mixed waste management activities are found in CIS Addendum G, "Personnel
31 Training."

32 **E.1.2.2 Warning Signs**

33 Warning signs stating "Danger-Unauthorized Personnel Keep Out" are posted at each gate entrance.
34 Signs identical to those affixed at gate entrances are posted along the outer fence line at distances not to
35 exceed 76 m (250 ft) between signs. Figure E-1 identifies the minimum number of signs posted along
36 each segment of fence.

37 Permittees must maintain the warning signage at points described in this Addendum and ensure that signs
38 are written in English, legible from a distance of at least 7.6 m (25 ft) or more, and visible from all angles
39 of approach [WAC 173-303-310(2)(a)].



Note: Minimum number of signs required per boundary segment at distances not to exceed 76 m (250 ft) between signs. Signs will be posted on gates.

1 **Figure E-1 Capsule Storage Area Warning Signs (Month Unknown, 2017)**