

1
2
3
4

PART VI, POSTCLOSURE GROUP 3 CONDITIONS
1325-N LIQUID WASTE DISPOSAL FACILITY

DRAFT

1
2
3
4

This page intentionally left blank.

DRAFT

PART VI, POSTCLOSURE GROUP 3 CONDITIONS

1325-N LIQUID WASTE DISPOSAL FACILITY

UNIT DESCRIPTION

The 1325-N Liquid Waste Disposal Facility (LWDF), also known by WIDS number 116-N-3, is an inactive Treatment, Storage, and Disposal (TSD) unit that has undergone closure activities. The 1325-N LWDF received waste from 1985 to 1991. The 1325-N LWDF was operated as a liquid waste disposal facility for radioactively mixed waste process and cooling waste water from N Reactor. The 1325-N LWDF also received dangerous waste from laboratories and may have received waste from spills within the N Reactor Building. The nature and quantity of mixed waste managed by the 1325-N LWDF is known and identified on the Part A Form.

In April 2005, DOE submitted to Ecology a certification of closure stating that the closure activities in the closure plan were completed. Remediation of groundwater contamination that resulted from the discharges of waste to 1325-N will be coordinated with final CERCLA remedial actions in the 100-N Area.

This permit sets forth the postclosure and ground water monitoring requirements for this unit.

LIST OF ADDENDA

Addendum A	Part A Form
Addendum B	Sampling and Analysis Plan – Reserved
Addendum C	Process Information – Reserved
Addendum D	Groundwater Monitoring Plan
Addendum E	Security Requirements - Reserved
Addendum F	Preparedness and Prevention – Reserved
Addendum G	Personnel Training
Addendum H	Closure Plan - Reserved
Addendum I	Inspection Schedule
Addendum J	Contingency Plan – Reserved
Addendum K	Postclosure Plan

DEFINITIONS

Reserved

ACRONYMS

Reserved

VI.3.A COMPLIANCE WITH PERMIT CONDITIONS

The Permittees will comply with all permit conditions in this Chapter and its addenda with respect to the applicable requirements in Part I and Part II of the Hanford Facility Dangerous Waste Permit.

VI.3.B POST-CLOSURE CARE AND MAINTENANCE

VI.3.B.1 The Permittees will comply with the post-closure plan in Addendum K.

VI.3.B.2 The Permittees will submit a revised, update postclosure plan 6 months after the Record of Decision is issued for the 100-NR-1 Operable Unit.

VI.3.C GENERAL WASTE MANAGEMENT REQUIREMENTS

- 1 **VI.3.C.1** All waste analysis required by this chapter will be conducted according to the approved
2 sampling and analysis plan.
- 3 **VI.3.C.2** The Permittees will submit a revised sampling and analysis plan 60 days after the
4 effective date of this permit.
- 5 **VI.3.D** **GROUNDWATER MONITORING REQUIREMENTS FOR REGULATED UNITS**
- 6 **VI.3.D.1** The Permittees will comply with the interim status groundwater monitoring plan until a
7 final status integrated groundwater monitoring plan, as required by Permit Condition
8 VI.3.D.4, is incorporated into the Permit. The interim status groundwater monitoring
9 plan for the 1325-N is contained in Addendum D to this Chapter (“Groundwater
10 Monitoring Plan for the 1301 N,1325 N, and 1324 N/NA Sites” (Hartman 1996b)).
- 11 **VI.3.D.2** Addition to the requirements in VI.3.D.1, wells listed below shall at a minimum be
12 sampled at the indicated rate for ICP metals (unfiltered) and anions.
- 13 **VI.3.D.2.a** 199-N-81 semiannually
- 14 **VI.3.D.2.b** 199-N-32 semiannually
- 15 **VI.3.D.2.c** 199-N-41 semiannually
- 16 **VI.3.D.2.d** 199-N-70 semiannually
- 17 **VI.3.D.2.e** 199-N-34 semiannually
- 18 **VI.3.D.2.f** 199-N-27 semiannually
- 19 **VI.3.D.2.g** New well “5” ternarily
- 20 **VI.3.D.3** Permittees shall evaluate the effectiveness of the 100-NR-2 remedy for groundwater.
21 Permittee shall summarize that evaluation in the Annual Hanford Site Groundwater
22 Monitoring Report. The reporting requirement of [WAC 173-303-645\(11\)\(g\)](#) will be met
23 by a single report that is included in the annual Hanford Site groundwater monitoring
24 report, rather than two semiannual reports.
- 25 **VI.3.D.4** Permittees shall submit a final status integrated groundwater monitoring plan 6 months
26 after the Record of Decision for the 100-NR-1 Operable Unit is issued.
- 27 **VI.3.E** **RECORDKEEPING AND REPORTING**
- 28 The Permittees will place documentation of all work conducted pursuant to this Chapter
29 including results of all monitoring, testing, or analytical work and associated quality
30 assurance and quality control data in the Hanford Facility Operating Record, as required
31 by Permit Condition II.I.2. [[WAC 173-303-380](#)]
- 32 **VI.3.F** **SECURITY**
- 33 The Permittees will post signs at points surrounding the 1325-N LWDF stating the
34 following (or an equivalent legend): Danger – Unauthorized Personnel Keep Out. These
35 signs will be written in English, legible from a distance of 7.6 meters (25 feet), and
36 visible from all angles of approach. [[WAC 173-303-310\(2\)\(a\)](#)]
- 37 **VI.3.G** **PREPAREDNESS AND PREVENTION**
- 38 Reserved
- 39 **VI.3.H** **CONTINGENCY PLAN**
- 40 Reserved

- 1 **VI.3.I INSPECTIONS**
- 2 **VI.3.I.1** The Permittees will follow the inspection schedule in Addendum I and Permit Condition
- 3 I.I.X.
- 4 **VI.3.I.2** In the event of any potential threats to human health or the environment, the Permittees
- 5 will increase inspections to quarterly until the threats are removed.
- 6 **VI.3.J TRAINING PLAN**
- 7 The Permittees will comply with the training requirements as described in Permit
- 8 Condition II.C (Personnel Training), Permit Attachment 5 (Hanford Facility Personnel
- 9 Training Plan), and Addendum G (Personnel Training).

10

DRAFT

1
2
3

This page intentionally left blank.

DRAFT