

- 1 **DEFINITIONS**
- 2 Except with respect to those terms specifically defined below, all definitions contained in the HFFACO,
3 May 1989, as amended, and in [WAC 173-303-040](#) and other portions of [Chapter 173-303 WAC](#) are
4 hereby incorporated, in their entirety, by reference into this Permit. For terms defined in both
5 [Chapter 173-303 WAC](#) and the HFFACO, the definitions contained in [Chapter 173-303 WAC](#) will
6 control within this Permit. Nonetheless, this Permit is intended to be consistent with the HFFACO.
- 7 Where terms are not defined in the regulations, the Permit, or the HFFACO, a standard dictionary
8 reference, or the generally accepted scientific or industrial meaning of the terms will define the meaning
9 associated with such terms.
- 10 As used in this Permit, words in the masculine gender also include the feminine and neuter genders,
11 words in the singular include the plural, and words in the plural include the singular.
- 12 The following definitions apply throughout this Permit:
- 13 The term "**Area of Concern**" means any area of the Facility where a release of dangerous waste or
14 dangerous constituents has occurred, is occurring, is suspected to have occurred, or threatens to occur.
- 15 The term "**Contractor(s)**" means, unless specifically identified otherwise in this Permit, or Attachments,
16 Bechtel National, Inc. (BNI), CH2M HILL Plateau Remediation Company, Inc. (CHPRC), Mission
17 Support Alliance, LLC (MSA), Pacific Northwest National Laboratory (PNNL), Washington Closure
18 Hanford, LLC (WCH), and Washington River Protection Solutions, LLC (WRPS).
- 19 The term "**Critical Systems**" as applied to determining whether a Permit modification is required, means
20 those specific portions of a TSD unit's structure, or equipment, whose failure could lead to the release of
21 dangerous waste into the environment, and/or systems which include processes which treat, transfer,
22 store, or dispose of regulated wastes. A list identifying the critical systems of a specific TSD unit may be
23 developed and included in Part III, V, and/or VI of this Permit. In developing a critical system list, or in
24 the absence of a critical system list, [WAC 173-303-830](#) Modifications will be considered.
- 25 The term "**Dangerous Constituent**" means any constituent identified in [WAC 173-303-9905](#) or
26 [40 CFR Part 264](#) Appendix IX , any constituent which caused a waste to be listed or designated as
27 dangerous under [Chapter 173-303 WAC](#), and any constituents within the meaning of hazardous substance
28 at [RCW 70.105D.020\(7\)](#).
- 29 The term "**Dangerous Waste**" means those solid wastes designated under [Chapter 173-303 WAC](#) as
30 dangerous or extremely hazardous waste. As used in the Permit, the phrase "dangerous waste" will refer
31 to the full universe of wastes regulated by [Chapter 70.105 RCW](#) and [Chapter 173-303 WAC](#) (including
32 dangerous waste, hazardous waste, extremely hazardous waste, mixed waste, and acutely hazardous
33 waste).
- 34 The term "**Days**" means calendar days, unless specifically identified otherwise. Any submittal,
35 notification, or recordkeeping requirement that would be due, under the Conditions of this Permit, on a
36 Saturday, Sunday, or federal, or state holiday, will be due on the following business day, unless
37 specifically stated otherwise in the Permit.
- 38 The term "**Director**" means the Director of the Washington State Department of Ecology, or a designated
39 representative. The Program Manager of the Nuclear Waste Program (with the address as specified on
40 page one [1] of this Permit) is a duly authorized and designated representative of the Director for
41 purposes of this Permit.
- 42 The term "**Ecology**" means the Washington State Department of Ecology (with the address as specified
43 on page one [1] of this Permit).

- 1 The term "**Facility**" means all contiguous land, structures, other appurtenances, and improvements on the
2 land used for recycling, reusing, reclaiming, transferring, storing, treating, or disposing of dangerous
3 waste. The legal and physical description of the Facility is set forth in Permit Attachment 2.
- 4 The term "**Facility**" for the purposes of corrective action under Permit Condition II.Y, means all
5 contiguous property under the control of the Permittees and all property within the meaning of "facility"
6 at [RCW 70.105D.020](#)(3) as set forth in Permit Attachment 2.
- 7 The term "**HFFACO**" means the Hanford Federal Facility Agreement and Consent Order, as amended
8 (Commonly referred to as Tri-Party Agreement [TPA]).
- 9 The term "**Permittees**" means the United States Department of Energy (owner/operator), Bechtel
10 National, Inc. (Co-operator), CH2M HILL Plateau Remediation Company (Co-operator), Mission
11 Support Alliance, LLC (MSA), Pacific Northwest National Laboratory (Co-operator), Washington
12 Closure Hanford, LLC (Co-operator), Washington River Protection Solutions, LLC.
- 13 The term "**Permittees**" for purposes of corrective action under Permit Condition II.Y means only the
14 United States Department of Energy (owner/operator).
- 15 The term "**Raw Data**" means the initial value of analog or digital instrument output, and/or manually
16 recorded values obtained from measurement tools or personal observation. These values are converted
17 into reportable data (e.g., concentration, percent moisture) via automated procedures and/or manual
18 calculations.
- 19 The term "**RCRA Permit**" means the Dangerous Waste Portion of the RCRA Permit for the Treatment,
20 Storage, and Disposal of Dangerous Waste (Dangerous Waste Permit) issued by the Washington State
21 Department of Ecology, pursuant to [Chapter 70.105 RCW](#) and [Chapter 173-303 WAC](#), coupled with the
22 HSWA Portion of the RCRA Permit for the Treatment, Storage, and Disposal of Hazardous Waste
23 (HSWA Permit) issued by EPA, Region 10, pursuant to 42 U.S.C. 6901 et seq. and [40 CFR Parts 124](#) and
24 [270](#).
- 25 The term "**Reasonable Times**" means normal business hours; hours during which production, treatment,
26 storage, construction, disposal, or discharge occurs, or times when Ecology suspects a violation requiring
27 immediate inspection.
- 28 The term "**Release**" means any intentional or unintentional spilling, leaking, pouring, emitting, emptying,
29 discharging, injecting, pumping, escaping, leaching, dumping, or disposing of dangerous constituents into
30 the environment and includes the abandonment or discarding of barrels, containers, and other receptacles
31 containing dangerous waste or dangerous constituents, and includes any releases within the meaning of
32 release at [RCW 70.105D.020](#)(20).
- 33 The term "**Significant Discrepancy**" in regard to a manifest or shipping paper, means a discrepancy
34 between the quantity or type of dangerous waste designated on the manifest, or shipping paper, and the
35 quantity or type of dangerous waste a TSD unit actually receives. A significant discrepancy in quantity is
36 a variation greater than ten (10) percent in weight for bulk quantities (e.g., tanker trucks, railroad tank
37 cars, etc.), or any variation in piece count for nonbulk quantities (i.e., any missing container or package
38 would be a significant discrepancy). A significant discrepancy in type is an obvious physical or chemical
39 difference which can be discovered by inspection or waste analysis (e.g., waste solvent substituted for
40 waste acid).
- 41 The term "**Solid Waste Management Unit (SWMU)**" means any discernible location at the Facility
42 where solid wastes have been placed at any time, irrespective of whether the location was intended for the
43 management of solid or dangerous waste, and includes any area at the Facility at which solid wastes have
44 been routinely and systematically released (for example through spills), and includes dangerous waste
45 treatment, storage, and disposal units.

Part I Standard and Part II General Facility Conditions

1 The term "**Unit**" or "**TSD unit**", as used in Parts I through VI of this Permit, means the contiguous area
2 of land on or in which dangerous waste is placed, or the largest area in which there is a significant
3 likelihood of mixing dangerous waste constituents in the same area. A TSD unit, for purposes of this
4 Permit, is a subgroup of the Facility which has been identified in a Hanford Facility Dangerous Waste
5 Part A Form.

6

ACRONYMS

1		
2	ALARA	As Low As Reasonably Achievable
3	AMSF	Alkali Metal Storage Facility
4	APDS	Ash Pit Demolition Site
5	APP	Used to Denote Appendix Page Numbers
6	APT	Area Process Trenches
7	ARAR	Applicable, Relevant, and Appropriate Requirements
8	BNI	Bechtel National, Inc
9	BPDS	Borrow Pit Demolition Site
10	CD/RR	Chemical Disposal/Recycle Request
11	CERCLA	Comprehensive Environmental Response Compensation and Liability Act of
12		1980 (as Amended by the Superfund Reauthorization Act of 1986)
13	CFR	Code of Federal Regulations
14	CHPRC	CH2M HILL Plateau Remediation Company
15	CIP	Construction Inspection Plan
16	CLARC	Cleanup Levels and Risk Calculations
17	CLP	Contract Laboratory Program
18	COC	Chemical Contaminants of Concern
19	CPP	CERCLA Past Practice
20	USDOE-RL	U.S. Department of Energy, Richland Operations Office
21	USDOE-ORP	U.S. Department of Energy, Office of River Protection
22	DQO	Data Quality Objective
23	DSC	Differential Scanning Colorimetry
24	EC	Emergency Coordinator
25	Ecology	Washington State Department of Ecology
26	EPA	U.S. Environmental Protection Agency
27	ERA	Expedited Response Action
28	ETF	200 Area Effluent Treatment Facility
29	HFFACO	Hanford Federal Facility Agreement and Consent Order
30	GW	Ground Water
31	HPADS	Hanford Patrol Academy Demolition Site
32	HSWA	Hazardous and Solid Waste Amendments of 1984
33	HWMA	Hazardous Waste Management Act
34	ID	Identification
35	IRM	Interim Remedial Measure

1	LDR	Land Disposal Restrictions
2	LERF	Liquid Effluent Retention Facility
3	LSFF	105-DR Large Sodium Fire Facility
4	MSA	Mission Support Alliance, LLC
5	MTCA	Model Toxics Control Act
6	OSWER	Office of Solid Waste and Emergency Response
7	PNNL	Pacific Northwest National Laboratory
8	QA	Quality Assurance
9	QAPP	Quality Assurance Project Plan
10	QC	Quality Control
11	RCRA	Resource Conservation and Recovery Act of 1976
12	RCW	Revised Code of Washington
13	ROD	Record of Decision
14	RPD	Relative Percent Difference
15	RPP	RCRA Past Practice
16	SAP	Sampling and Analysis Plan
17	SARA	Superfund Amendments and Reauthorization Act of 1986
18	SCD	Security Control Devices
19	SHLWS	Simulated High Level Waste Slurry
20	SOP	Standard Operating Procedure
21	SWMU	Solid Waste Management Unit
22	TCLP	Toxicity Characteristic Leaching Procedure
23	TSD	Treatment, Storage, and/or Disposal
24	USDOE	United States Department of Energy
25	U.S.C.	United States Code
26	WAC	Washington Administrative Code
27	WAP	Waste Analysis Plan
28	WCH	Washington Closure Hanford, LLC
29	WRPS	Washington River Protection Solutions, LLC
30	WTP	Waste Treatment and Immobilization Plant
31	183-H	183-H Solar Evaporation Basins
32	242-A	242-A Evaporator
33	300 APT	300 Area Process Trenches
34	300 ASE	300 Area Solar Evaporator
35	303-K	303-K Storage Facility

1	305-B	305-B Storage Facility
2	325 HWTUs	325 Hazardous Waste Treatment Units
3	616-NRDWSF	616 Nonradioactive Dangerous Waste Storage Facility
4		