PART III, OPERATING UNITS

OPERATING UNIT 12 DOUBLE-SHELL TANK SYSTEM

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UNIT DESCRIPTION

The Double-Shell Tank (DST) System, Operating Unit Group 12, consists of 28 double-shell tanks located in 6 tank farms and the 204-AR Waste Unloading Station. The SY Tank Farm is located in the 200 West Area of the Hanford Site and consists of 3 tanks that have a design capacity of approximately 1.2 million gallons (mg) each. The AN, AP, AW, AY and AZ tank farms are located in the 200 East Area. The AN Tank Farm consists of 7 tanks. Each tank has an approximate capacity of 1.2 mg each. The AP tank farm has the highest number of tank at 8 and the highest per tank capacity of approximately 1.27 mg. The AW Tanks farm consists of 6 tanks that have a capacity of 1.2 mg each. Both of the AY and AZ tank farms consist of 2 tanks each with an approximate capacity of 1 mg. The first DST, 241-AY-101, began operation in 1971 and the last tanks began operation in 1986 (AP Tank Farm).

The DST System also has various types of ancillary equipment including, but not limited to pipelines between tanks within a tank farm and between tank farms, the Cross Site Transfer System which includes the 6241 Vent Station located between the SY Tank Farm in the 200 West Area and the AP Tank Farm in the 200 East Area, as well as various pits, seal pots, pumps, valves, jumpers, and nozzles.

The DST System also includes the 204-AR Waste Unloading Station which includes a tank system that is operational, except for the pipeline, LIQW-702, connecting the 204-AR Waste Unloading Station to the DST System which is in deferred status. Transfers from the 204-AR Waste Unloading Station to the other parts of the DST System will not occur until Ecology determines that the 204-AR Waste Unloading System Tank System is in compliance with WAC 173-303. The 204-AR Waste Unloading Station is a 2-story structure that consists of an unloading canyon that receives tanker trucks and rail cars and a 1500-gallon waste catch tank. Waste is drained to the catch tank for chemical adjustment as needed to meet the DST System waste acceptance criteria. Some waste is stored in the 204-AR Waste Unloading Station tank system that consists of water to maintain the drain seals and ventilation condensate.

LIST OF ADDENDA

The following listed documents are hereby incorporated by reference in their entirety into this Permit. Some of the documents are excerpts from the Permittees Dangerous Waste Permit Application. Ecology has, as deemed necessary, modified specific language in the addendums. As incorporated by specific conditions, and as modified by those conditions, incorporated addendums constitute enforceable requirements of this Permit.

Addendum A	Part A form, dated October 14, 2009
Addendum B	Waste Analysis Plan
Addendum C	Process Information
Addendum D	Reserved, Groundwater
Addendum E	Security
Addendum F	Preparedness and Prevention
Addendum G	Personnel Training
Addendum H	Closure Plan
Addendum I	Inspection Requirements
Addendum J	Emergency Pumping Guide
Addendum K	Contingency Plan
Addendum L	Reserved
Addendum M	Waste Transfer Operating Conditions

DEFINITIONS

The following definitions apply to the Double-Shell Tank System.

The term **"ancillary equipment"** means any device including, but not limited to, such devices as piping, fittings, flanges, valves, and pumps, that is used to distribute, meter, or control the flow of dangerous waste from its point of generation to a storage or treatment tank(s), between dangerous waste storage and treatment tanks to a point of disposal on-site, or to a point of shipment for disposal off-site. [WAC 173-303-040]

The term **"annulus"** means the space between the primary and secondary shells in a double-shell tank.

The term "**Best Basis Inventory"** means a database that was developed by the U.S. Department of Energy (DOE) Hanford Site to comply with the Data Access and Delivery Requirements in Section 9.6 of the HFFACO. The Best Basis Inventory is accessed through the Tank Waste Information Network System (TWINS).

The term "**Cathodic Protection System"** means a system providing electrochemical corrosion mechanisms used to protect carbon steel located underground from corrosion.

The term "**complexed waste"** means dilute waste material containing relatively high concentrations of chelating agents from B Plant waste fractionization operations.

The term "**component**" means either the tank or ancillary equipment of a tank system. [WAC 173-303-040]

The term **"deferred use"** means the dangerous waste unit and/or component is not currently authorized as fit for use, but will be upgraded to be made fit for use or to be closed in accordance with the approved closure plan.

The term **"diversion box"** means a below-grade concrete enclosure containing the remotely maintained jumpers and spare nozzles to divert waste solutions to tank farms.

The term **"field deployed"** means that the temporary waste transfer line has been removed from storage placed in the field to be set up to transfer waste. This ends it storage time and begins its service life.

The term "**Hose-in-Hose Transfer Line"** means a liquid waste pipeline transfer system consisting of a primary hose encased in a secondary hose. The primary is fitted with hose end connections suitable for attaching to valve manifolds with remote connectors. For transfer lines too long to be made out of one continuous length of hose, two or more HIHTL assemblies are joined at mid-point connections to establish the required route.

The term **"interlock"** means circuitry and instrumentation that prevent activation or operation until required conditions have been met.

The term **"jumper"** means a pipe connection between pipeline nozzles that is removed remotely.

The term **"nozzle"** means the termination point for a transfer line in a diversion box designed to be a jumper connection point.

The term **"quarter"** means the three month period for each of the following timeframes: January 1 through March 31, April 1 through June 30, July 1 through September 30 or October 1 through December 31.

The term **"service life"** means the period of time starting when the hose is put into operation up to the date it is removed from the application.

The term "**slurry**" means a fluid stream that is comprised of liquid (usually aqueous streams) containing dissolved salts and suspended solids.

The term **"storage time"** means the period of time from cure date to the limit date that a rubber hose or hose assembly may be stored under proper conditions and be suitable for service.

The term **"supernatant"** means the fluid portion of waste in a storage tank.

The term **"tank system"** means a dangerous waste storage or treatment tank and its associated ancillary equipment and containment system. [WAC 173-303-040]

The term **"temporary waste transfer line"** means a line that is meant for temporary use that can be removed and possibly used in another location and is in compliance with the requirements for ancillary equipment in WAC 173-303-640.

The term **"ultrasonic testing"** means a corrosion measurement method used to gauge underground tank wall thickness.

The term **"unfit-for-use component"** means a tank system component that has been determined through an integrity assessment or other inspection to be no longer capable of storing or treating dangerous waste without posing a threat of release of dangerous waste to the environment.

ACRONYMS

The following acronyms apply to the Double-Shell Tank System permit.

ALARA	As low as reasonably achievable
DST	double-shell tank
HIHTL	hose-in-hose transfer line
TWTL	Temporary Waste Transfer Line

III.12.A COMPLIANCE WITH PERMIT CONDITIONS

III.12.A.1 The Permittees will comply with all requirements in this Chapter and its Addenda, as set forth in the following conditions, for managing dangerous waste in the Double-Shell Tank (DST) System, and will comply with the requirements in Part I and, to the extent applicable, Part II.

III.12.B GENERAL WASTE MANAGEMENT

III.12.B.1 The Permittees are authorized to accept, according to the requirements of the Waste Analysis Plan in Addendum B, dangerous/mixed waste for management in Operating Unit Group 12 dangerous waste management units.

III.12.B.2 The DST System can only accept dangerous waste in accordance with the criteria specified in the Waste Analysis Plan in Addendum B.

III.12.B.3 The Permittees will treat or store dangerous waste in the DST System as specified in the Waste Analysis Plan (Addendum B).

III.12.B.4 The Permittees can store, treat or transfer dangerous waste only in DST System components shown on the latest revision of H-14-107346, sheets 1 through 7, DST Waste Transfer Piping Diagram, that are in compliance with the requirements of WAC 173-303-640.

III.12.B.5 The Permittees will maintain the most current revision of H-14-107346, sheets 1 through 7, DST Waste Transfer Piping Diagram, in Building 272-AW in accordance with RPP-23814.

III.12.B.6 The Permittees will manage wastes at the facility in accordance with the requirements of this Permit, including the performance standard requirements in WAC 173-303-283, incorporated by reference.

III.12.B.7 The Permittees will submit a permit modification request to Ecology within 90 days of the effective date of the Permit to incorporate a revised Addendum C, Process Information.

III.12.C WASTE ANALYSIS

III.12.C.1 The Permittees will conduct waste analysis to support waste characterizations, acceptance, and management, as specified in the Addendum B, Waste Analysis Plan and in compliance with the requirements of Section II.D and WAC 173-303-300, incorporated by reference.

III.12.C.2 The Waste Analysis Plan will comply with the requirements of WAC 173-303-300(5).

III.12.C.3 The Permittees will submit a permit modification to Ecology within 30 days of the effective date of the permit to incorporate a revised Waste Analysis Plan into the DST System permit chapter. The revised Waste Analysis Plan will describe the procedures used to comply with waste analysis requirements. [WAC 173-303-300(5)]

III.12.C.4 Changes to the Waste Analysis Plan will be made in accordance with WAC 173-303-830(4).

III.12.C.5 The Permittees will maintain accurate and complete waste profile documentation as specified in Section B.2.2.1 of Addendum B, for every waste stream accepted into the DST System. Inaccurate or incomplete waste analysis information is not a defense for noncompliance by the Permittees with the waste management requirements and conditions in this Permit, or the land disposal restrictions specified in the requirements of WAC 173-303-140, incorporated by reference.

III.12.C.5.a A copy of the waste profile documentation will be kept in the Hanford Facility Operating Record, DST System file. [WAC 173-303-380(1)(a)]

III.12.C.6 The Permittees will use testing methods according to Permit Condition I.F.1.b. If the most current version of a specific method cannot be used due to ALARA or matrix concerns, the Permittees will obtain Ecology approval for using an alternative or other method.

III.12.C.6.a The Permittees will place the documentation of the justification for using another method and Ecology approval in the Hanford Facility Operating Record, DST System file.

III.12.D RECORDKEEPING AND REPORTING

III.12.D.1 The Permittees will keep records as required by WAC 173-303-380, and maintain records in the Hanford Facility Operating Record, DST System file, as required by WAC 173-303-380 and as specified in this chapter and its addenda.

III.12.D.2 The Permittees will update and maintain H-14-107346, sheets 1 through 7, DST Waste Transfer Piping Diagram, in accordance with RPP-23814, showing the DST waste transfer system components that are compliant with WAC 173-303, not compliant with WAC 173-303, deferred use components and those components that have a variance from Ecology including those components that are part of the 204-AR Waste Unloading Station.

III.12.D.3 The Permittees shall submit a report annually to Ecology identifying changes in the compliance status of DST System noncompliant components as identified in H-14-107346, sheets 1 through 7, DST Waste Transfer Piping Diagram.

III.12.D.4 The Permittees shall place updates to engineering drawings listed in Addendum C into the Hanford Facility Operating Record, DST System file.

III.12.D.5 The Permittees will keep summary reports and details of all incidents that require implementation of the Contingency Plan in the Hanford Facility Operating Record, DST System file, according to the requirements of Permit Condition II.A.1. [WAC 173-303-380(1)(d)]

III.12.E SECURITY

III.12.E.1 The Permittees will comply with and maintain the security measures, equipment, and warning signs specified in Addendum E and by the requirements in WAC 173-303-310 and WAC-173-303-640(5)(d), incorporated by reference.

III.12.F PREPAREDNESS AND PREVENTION

III.12.F.1 The Permittees will use and maintain the internal and external communications and emergency equipment specified in Addendum F, in accordance with the requirements of WAC 173-303-340(2), incorporated by reference.

III.12.F.2 The Permittees will implement the emergency procedures specified in Addendum K, in the event of a fire, explosion, or release that could threaten human health or the environment, in accordance with the requirements of WAC 173-303-340 and WAC-173-303-360, incorporated by reference.

III.12.F.3 The Permittees will operate and maintain the runoff controls, interlock systems and other systems described in Section F.2 in Addendum F, in accordance with the requirements of WAC 173-303-640(5), incorporated by reference.

III.12.G INSPECTIONS

III.12.G.1 The Permittees will inspect the DST System in accordance with Sections I.1 through I.4, I.6.1 to I.6.5 and Tables I-1 and I-2 in the Inspection Plan in Addendum I. [WAC 173-303-640(6)]

III.12.G.2 The Permittees will place and maintain the inspection records in the Hanford Facility Operating Record, DST System file.

III.12.G.3 The Permittees will remedy any problem revealed by inspections on a schedule which prevents hazards to the public health and environment per the requirements of WAC 173-303-320(3), incorporated by reference.

III.12.G.4 Where an inspection reveals a problem that creates a hazard that is imminent or has already occurred, the Permittees will take remedial action immediately.

III.12.H CONTINGENCY PLAN

III.12.H.1 The Permittees will comply with Addendum K in addition to the requirements of Permit Condition II.A when applicable. [WAC 173-303-350]

III.12.I TRAINING PLAN

III.12.I.1 The Permittees will comply with the requirements for training in Addendum G, Permit Attachment 5, and in accordance with the requirements of WAC 173-303-330, incorporated by reference.

III.12.J CLOSURE

III.12.J.1 The Permittees will close dangerous waste management units in the DST System in accordance with Addendum H, Closure Plan. [WAC 173-303-610(4)]

III.12.J.2 The Permittees will complete closure of the DST System in accordance with HFFACO milestone M-42-00A.

III.12.K TANK SYSTEMS

III.12.K.1 Waste and Storage Limits

III.12.K.1.a The Permittees will not transfer waste into DSTs in excess of the capacity of the tanks as listed in Table 1 of Addendum A.

III.12.K.1.b The Permittees will submit a permit modification request to the Part A (Addendum A) for the DST System in accordance with Permit Condition I.C if the capacity decreases or increases for the DST System.

III.12.K.2 Waste Transfers

III.12.K.2.a The Permittees shall use the latest approved revision, in accordance with RPP-23814, of H-14-107346, sheets 1 through 7, DST Waste Transfer Piping Diagram to establish, waste transfer routes using compliant components or components subject to permit condition III.12.K.3.i.

III.12.K.2.b The Permittees will comply with the Waste Transfer Conditions specified in Addendum M and with the requirements of WAC 173-303-640(5), incorporated by reference.

III.12.K.2.c The Permittees may transfer waste into the DST System through tank risers from tanker trucks in accordance with Addendum B and the requirements of WAC 173-303-395(4), incorporated by reference.

III.12.K.2.d A copy of the procedures to demonstrate compliance with the requirements of WAC 173-303-395(4) will be kept in the Hanford Facility Operating Record, DST System file.

III.12.K.2.e Permittees may not accept waste through the 204-AR Waste Unloading Station until pipeline LIQW-702 connecting Tank TK-1 to the DST System either is replaced by a compliant pipeline or is modified to be in compliance with the requirements of WAC 173-303-640(4)(f), incorporated by reference, with the following exception:

III.12.K.2.e.i Ventilation condensate and water to maintain the drain seals in the 204-AR Waste Unloading Station can be stored in Tank TK-1.

III.12.K.2.f The 204-AR Waste Unloading Station transfer line does not currently comply with applicable regulations. Within 24 months of the effective date of the permit, the Permittees must provide a compliance schedule to make this line fit for use or submit a closure plan to close 204-AR Waste Unloading Station as specified in WAC 173-303-610, incorporated by reference.

III.12.K.3 Tank System Integrity

III.12.K.3.a The Permittees will assess the integrity of all DST System dangerous waste tank systems in accordance with limitations and conditions specified in the requirements of WAC 173-303-640(2), incorporated by reference.

III.12.K.3.b The Permittees will conduct an integrity assessment for each tank within 10 years of the initial or previous integrity assessment for that tank, unless the IQRPE recommends a more frequent integrity assessment be conducted, in which case the Permittees will conduct the integrity assessment on the IQRPE recommended frequency. The Permittees may request a less frequent integrity assessment schedule through a permit modification request based upon IQRPE findings and recommendations. [WAC 173-303-640(2)(a) and -640(2)(e)]

III.12.K.3.c Each integrity assessment will be reviewed by an IQRPE and certified in accordance with the requirements of WAC 173-303-810(13)(a), incorporated by reference.

III.12.K.3.d The Permittees will conduct the IQRPE assessment and address any findings and implement any recommendations necessary to obtain and maintain IQRPE certification as described in the current revision of RPP-28538, IQRPE Double-Shell Tank Integrity Assessment Report.

III.12.K.3.e The Permittees will issue a report to Ecology addressing the Permittees disposition of all findings and recommendations in the current IQRPE assessment report. The report will be placed into the Hanford Facility Operating Record, DST System file.

III.12.K.3.f The Permittees will maintain the integrity assessment program and schedule for the entire DST System in accordance with the requirements of WAC 173-303-640(2), incorporated by reference. A description of updates to the integrity assessment program and schedule will be submitted to Ecology for review within 60 days of issuance of the update. [WAC 173-303-815(2)(b)(ii)]

III.12.K.3.g The Permittees will place the integrity assessment program and schedule documentation and updates or changes to the program and schedule into the Hanford Facility Operating Record, DST System file within 60 days of the update or change.

III.12.K.3.h All reports, data and other information used to evaluate the condition of the DST System, including the IQRPE Report, will be kept in the Hanford Facility Operating Record, DST System file, until clean closure is complete and certified.

III.12.K.3.i Permittees may use the following pipelines: SN-277, SN-278, SN-279, SN-280, SL-177, SL-178, SL-179, SN-285, and SN-286, provided that the following requirements are met for that pipeline:

III.12.K.3.i.i Hydraulically leak test the line annually, or prior to use if the line is used less often than once a year. The hydraulic leak testing will be conducted at 150% of the maximum operating pressure during liquid transfers or system flushing, for a minimum of 1 hour. Line can be used if the leak test demonstrates a less than 5% drop after testing for a minimum of 1 hour at 150% of the operating pressure.

III.12.K.3.i.ii Assess material balance for all transfers through the lines.

III.12.K.3.i.iii Alternative leak detection monitoring may be used at the most likely locations for a leak or pooling to occur. When alternative leak detection monitoring is used, documentation of the method of alternative monitoring will be placed in the Hanford Facility Operating Record, DST System file.

III.12.K.3.i.iv Obtain an integrity assessment of the lines that is reviewed and certified by an Independent Qualified Registered Professional Engineer in accordance with the requirements of WAC 173-303-640(3)(c), incorporated by reference.

III.12.K.3.i.v Remediate any leaks from the line in accordance with the requirements of WAC 173-303-640(7), incorporated by reference.

III.12.K.3.i.vi Maintain all reports and data generated from conditions III.12.K.3.i.i through III.12.K.3.i.v in the Hanford Facility Operating Record, DST System file.

III.12.K.4 Tank System Design and Construction

III.12.K.4.a The Permittees will comply with the requirements in WAC 173-303-640(3), incorporated by reference, for the design and construction of any new dangerous waste tank systems or components.

III.12.K.4.b The Permittees will place the design and all supporting documentation related to the permitted system in the Hanford Facility Operating Record, DST System file, until closure of the unit.

III.12.K.5 Tank System Installation and Certification

III.12.K.5.a The Permittees will comply with the requirements in WAC 173-303-640(3), incorporated by reference, for the installation and certification of new equipment.

III.12.K.5.b The Permittees will place the certification and all supporting documentation in the Hanford Facility Operating Record, DST System file, until closure of the unit.

III.12.K.6 Tank System Certification of Major Repair

III.12.K.6.a The Permittees will comply with the requirements in WAC 173-303-640(7)(f).

III.12.K.6.b The Permittees will place the certification and all supporting documentation related to the permitted system in the Hanford Facility Operating Record, DST System file, until closure of the unit.

III.12.K.7 Tank Management Practices

III.12.K.7.a The Permittees will properly operate and maintain all DST System facilities and systems of treatment and control which are installed or used by the Permittees to achieve compliance, in accordance with the requirements of WAC 173-303-810(6), incorporated by reference, including the components shown on the most current revision of H-14-107346, Sheets 1 through 7, DST Waste Transfer Piping Diagram.

III.12.K.7.b The Permittees will maintain all labels and signs identifying the waste contained in the DST System in accordance with the requirements of WAC 173-303-640(5)(d), incorporated by reference.

III.12.K.7.c The Permittees will maintain the design features of the DST System that prevent the escape into the air of vapors, fumes or other emissions that are acutely or chronically toxic. [WAC 173-303-640(5)(e)]

III.12.K.7.d The Permittees will operate the DST System as designed to prevent the endangerment of the health of employees or the public near the facility. [WAC 173-303-283(3)(i)]

III.12.K.7.e The Permittees will place the most current revision of the Tank Farm Waste Transfer Compatibility Program into the Hanford Facility Operating Record, DST System file, within 7 days after a revision is issued.

III.12.K.7.f The Permittees will place in the Hanford Facility Operating Record, DST System file, waste compatibility assessments for waste transferred into or out of the DST System and for waste transferred between tanks in the DST System within 7 days after the assessment is issued.

III.12.K.7.g A continuous Leak Detection System for each of the 28 DSTs on the Hanford Site shall be composed of the following leak detection devices:

III.12.K.7.g.i Three annulus leak detector probes, conductivity type or equal or better device, placed as equidistantly as possible within the annulus of each DST; and

III.12.K.7.g.ii At least one in-tank surface level monitor installed within the primary tank of each DST on the Hanford site.

III.12.K.7.h The Permittees shall set each adjustable annulus leak detector probe within 0.25 inches from the annulus floor with allowance for normal engineering tolerances.

III.12.K.7.i The Permittees will evaluate an alarm of an annulus leak detection system probe at its set point to determine if it is attributable to operational activities. If the Permittees determine the alarm is not attributable to operational activities, the alarm must be reported to Ecology within 24 hours of the determination.

III.12.K.7.j The Permittees shall operate and maintain all leak detection system devices comprising the leak detection system continuously with the following exceptions:

III.12.K.7.j.i Downtime for preventive maintenance and periodic functional testing shall not exceed 24 hours, unless Ecology provides approval for an extended period of time and pre-approved alternative Leak Detection Methods are employed.

III.12.K.7.j.ii Downtime for repair of a leak detection system device discovered to be inoperable or requiring repair shall not normally exceed 90 days.

III.12.K.7.j.iii The Permittees shall notify Ecology of any leak detection device out of service for more than 90 days. This notification shall include a schedule for repair and return to service of the device as soon as possible.

III.12.K.7.k The Permittees shall document all maintenance, repair, and functional testing activities of the leak detection system in the Hanford Facility Operating Record, DST System file.

III.12.K.7.l The Permittees may supplement the leak detection system by operation of annulus ventilation system continuous air monitors (CAMS). All DSTs equipped with operating annulus CAMS will be monitored daily for airborne releases into the annulus that could give an indication of a leak from the primary tank structure into the annulus.

III.12.K.7.l.i The Permittees will set the CAMs to alarm at set points no greater than 3,000 counts per minute.

III.12.K.7.l.ii Annulus CAM readings exceeding their alarm set point, and which the Permittees have determined are not attributable to atmospheric radon or operational activities (e.g., annulus contamination due to vacuum imbalance between annulus and primary tank

ventilation system, or other operational activities), must be reported to Ecology within 24 hours of the time that this detection is made.

III.12.K.7.m The Permittees must design, install, maintain and operate the leak detection systems as described in Addendum C to meet the requirements of WAC 173-303-640(4)(b) and (c), incorporated by reference.

III.12.K.7.n The Permittees may use an in-pit video camera during maintenance and testing of in-pit equipment or waste transfers as an equivalent leak detection method as long as using the camera meets the requirements of WAC 173-303-640(4)(b)(iii), incorporated by reference.

III.12.K.7.o The Permittees will comply with the Emergency Pumping Guide in Addendum J and the requirements of WAC 173-303-640(7), incorporated by reference.

III.12.K.7.p The Permittees will comply with the loading and unloading requirements listed in Addendum C and the requirements of WAC 173-303-395(4), incorporated by reference.

III.12.K.7.q The Permittees will notify Ecology within 24 hours should waste be discovered in a deferred use line or should waste be inadvertently transferred into a noncompliant component. Within 7 days of discovery of the waste, the Permittees shall provide Ecology with the process and schedule for removal of the waste. The Permittees shall place all associated documentation into the Hanford Facility Operating Record, DST System file.

III.12.L TEMPORARY WASTE TRANSFER LINE MANAGEMENT

III.12.L.1 The Permittees will comply with the following requirements for management of temporary waste transfer lines:

III.12.L.1.a The Permittees will place a description of the installation, maintenance and operation of each DST System temporary waste transfer line in the Hanford Facility Operating Record, DST System file.

III.12.L.1.b The Permittees will have leak detection sufficient to meet the requirements of WAC 173-303-640(4)(c), incorporated by reference, for each DST temporary waste transfer line. Documentation of the leak detection method will be kept in the Hanford Facility Operating Record, DST System file.

III.12.L.1.c Prior to use of a temporary waste transfer line, the Permittees will have IQRPE certification, that having considered the entire configuration of the system impacted by the use of the temporary waste transfer line, attests the temporary waste transfer line is fit for use per the requirements of WAC 173-303-640(4)(b) and (c).

III.12.L.2 The Permittees will comply with the following requirements for hose-in-hose transfer line (HIHTL) temporary waste transfer lines:

III.12.L.2.a The primary document, Temporary Waste Transfer Line Management Program Plan, RPP-12711, latest approved version, is incorporated by reference into this permit and is fully enforceable.

III.12.L.2.b The Permittees shall implement the latest approved RPP-12711, Temporary Waste Transfer Line Management Program Plan within 90 days of the effective date of this permit.

III.12.L.2.b.i Any changes made to RPP-12711, except changes to Tables A1 and A2 must be approved by Ecology.

III.12.L.2.b.ii The Permittees will place the latest approved version of RPP-12711 in the Hanford Facility Operating Record, DST System file within 7 days after its approval.

III.12.L.2.c The Permittees will update the HIHTL tracking system information pursuant to RPP-12711, for the DST System temporary waste transfer lines within 20 days of the end of each quarter. The tracking system information will be maintained in the Hanford Facility Operating Record, DST System file. A copy of the quarterly updates will be submitted to Ecology within 30 days after the end of the quarter.

III.12.L.2.d The Permittees will submit formal notification of the determination to extend the service life of an HIHTL to Ecology.

III.12.L.2.d.i The Permittees will place the completed extension waiver package into the Hanford Facility Operating Record, DST System file.

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