# WASTE TREATMENT OF IMMOBILIZATION PLANT CHAPTER 6A INSPECTION PLAN

### 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 Date	Modification Number
<u>11/29/2017</u>	<u>8C.2017.4D</u>
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#### Modification History Table

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# ACRONYMS

ALARA	As Low As Reasonably Achievable
EMF	Effluent Management Facility
HLW	High-Level Waste
IHLW	Immobilized HLW
ILAW	Immobilized LAW
LAW	Low-Activity Waste
WTP	Waste Treatment and Immobilization Plant

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#### **CHAPTER 6A INSPECTION PLAN**

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#### 5 6A.0 **INSPECTION PLAN**

6 The following sections describe the Waste Treatment and Immobilization Plant (WTP) dangerous waste inspection plan. The WTP Inspection -PPlan uses a graded approach to preventing and detecting 7 8 malfunctions, deterioration, operator errors, and discharges that range from daily inspections to integrity 9 assessments. This graded approach is comprised of activities that, at a minimum, meets the inspection 10 requirements in Washington Administrative Code (WAC) 173-303-320 and includes more precautions for

11 equipment at higher risk of failure. Monitoring via instrumentation will be used to perform remote

inspections in areas of high radioactivity, including, but not limited to, the Pretreatment Areas, Low 12

13 Activity Waste (LAW) vitrification area, Analytical Laboratory (Lab), Effluent Management Facility

14 (EMF) and the High Level Waste (HLW) vitrification area. Due to the radioactive nature of the waste

15 and consistent with as low as reasonably achievable (ALARA) principles, monitoring by instrumentation

is the primary means of fulfilling the inspection requirements in these areas. The WTP also use cameras, 16

17 windows, process control, function checks, and preventive maintenance to comply with inspection

- 18 requirements.
- 19 The inspections for various facilities are provided in Table 6A-1 through Table 6A-7 of this inspection

20 schedule. Each table addresses a particular dangerous waste management unit, or group of units, such as

- 21 tanks. Within each dangerous waste management unit table, the inspections are presented by system, and
- 22 are further broken down by individual component. Once a dangerous waste management unit receives

23 dangerous and/or mixed waste, the inspection criteria and frequencies detailed in the tables for each

24 specific unit (Table 6A-1 through 6A-7) will be active. Controlled copies of the inspection plan will be 25

kept at the WTP facility.

26 The WTP has no waste pile units, surface impoundment units, incinerator units, landfill units, or land

27 treatment facilities. The requirements for inspection of these units and activities are not applicable to the 28 WTP and are not included in this inspection schedule.

#### 29 6A.1 **GENERAL INSPECTION REQUIREMENTS**

30 This section describes general, WTP-wide inspection requirements used to help prevent, detect, or

- 31 respond to environmental or human health hazards related to dangerous and/or mixed waste handling,
- treatment, and storage at the WTP. 32

#### 33 6A.1.1 **Inspection Methods**

- 34 The method of inspection is how an inspection is to be performed. The three primary methods of
- 35 inspection identified and required by this inspection plan are described below.

	Methods of Inspection		
Physical	An inspection conducted physically in person (e.g. maintenance or operator). A physical inspection requires the physical presence of the inspector at the item of inspection and is not to be confused with a remote inspection. Due to accessibility limitation, physical inspections may be conducted with the aid of instruments (e.g., borescope, mirrors).		
Remote	An inspection conducted by one or all of the following methods: closed-circuit television, observation windows, control panels, process control system, or any other inspection that is not conducted physically in person.		
Functional	An inspection conducted by operating or testing the item being inspected to determine if equipment/instrument is operating correctly and capable of performing its function.		

- 1 Due to the radioactive nature of the waste and consistent with ALARA principles, remote inspections are
- 2 the primary method of conducting inspections for several facilities at WTP. Areas of higher radiation
- 3 have been identified for all of the operating facilities, i.e. <u>Lab</u>, Pretreatment, LAW vitrification area,
- 4 HLW vitrification area and EMF. Unless otherwise stated in this permit, inspections of equipment, items,
- 5 and systems are performed as physical inspections.

#### 6 6A.1.2 Inspection Frequencies

- 7 The frequency of inspection is how often (at a minimum) an inspection must be performed. For the
- 8 purposes of this inspection schedule, the various inspection frequencies have been established with
- 9 sufficient conservatism to be protective of human health and the environment. The inspection frequencies
- 10 most frequently used in this plan are outlined below.

Inspection Frequencies		
Frequency	Definition	
Daily	Once per calendar day	
Weekly	Once per calendar week <sup>*</sup>	
Monthly	Once per calendar month	
Bimonthly	Once every other calendar month	
Quarterly	Once per calendar quarter	
Semi-Annual	Once per 6-month calendar period	
Annually	At least once during a 12-month period +/- 30 days	

11 \*Washington Administrative Code requires some dangerous waste inspections to be completed every 7 days.

12 Affected inspections are identified in the Inspection Tables.

### 13 6A.1.3 Suspended Inspections

14 When a dangerous waste management unit is no longer receiving, managing, or treating waste, the unit's

15 specific inspections may be suspended. During these situations, inspections can be suspended until the

16 affected system is placed back into dangerous waste operation. Prior to resuming dangerous waste

operations, "initial" inspections will be conducted when the system is brought back online and regularly

18 scheduled inspections are resumed. Inspections detailed in <u>Table 6A-1</u> cannot be suspended.

19 In the case an inspection has been suspended prior to the expiration of the next scheduled inspection, the

20 inspection requirement is satisfied by performing the inspection prior to resuming dangerous waste

21 operations. In the case of suspended daily inspections, the initial (restart) inspection satisfies the daily

22 inspection requirement for that day. All suspended inspections will be documented in the inspection log

23 described in Section 6A.2. The decision to suspend a permit required inspection requires verbal

24 notification to the Department of Ecology.

# 25 6A.2 INSPECTION LOG

26 Inspection checklists will be used to document completion of the inspection schedule in this plan. These

27 checklists will be records of the items contained in the inspection schedule and will be kept as a hardcopy

28 or an electronic copy. Records of completed inspections will include the date and time of inspection; the

29 legible, printed name and hand written signature of the inspector (or equivalent), a notation of the

- 30 observations made, an account of spills or discharges and the date and nature of any repairs or remedial
- 31 actions taken.
- 32 Personnel performing these inspections will be appropriately trained and qualified in the system being
- 33 inspected ion as prescribed in Chapter 8.0, Personnel Training. When performing the inspection, the
- 34 inspector will note all observations and deficiencies on the inspection sheet. Inspection deficiencies

- 1 discovered by the inspector and corrective actions that have been initiated are delegated to responsible
- 2 individuals in the operations group. Completed and/or suspended inspection checklists are stored in the
- 3 WTP operating record for at least 5 years from the date of the inspection.

## 4 6A.3 SCHEDULE FOR REMEDIAL ACTION FOR PROBLEMS REVEALED

#### 5 **6A.3.1 Remedies**

- 6 Problems revealed by inspections will be corrected on a schedule that prevents hazards to the public
- 7 health and environment. If inspections show that nonemergency maintenance is required, maintenance is
- 8 completed as soon as possible to prevent further damage and to reduce the need for subsequent
- 9 emergency response. Non-emergency corrective actions will be initiated within 24 hours if possible;
- 10 however, additional response time may be required because of the radioactive component of the waste
- being managed at the WTP. Where a hazard is imminent or has already occurred, remedial actions are
- 12 taken immediately to prevent equipment damage and prevent hazards to human health and the 13 environment.
- 14 If an inspection identifies a fire, explosion, or release involving a dangerous waste, or an imminent hazard 15 to human health or the environment, the WTP Contingency Plan, Chapter 7.0, is followed.

### 16 6A.4 SPECIFIC PROCESS OR WASTE TYPE INSPECTION REQUIREMENTS

#### 17 **6A.4.1 Container Inspections**

- 18 The WTP will store immobilized low-activity waste (ILAW) in containers and immobilized high-level
- 19 waste (IHLW) in canisters, and secondary dangerous and mixed waste in containers. For purposes of
- 20 IHLW, the term canisters are used to specifically address the unique disposal requirements of the filled
- 21 containers. Throughout this section, general references to containers also applies to the IHLW canisters.
- 22 Inspections of container storage areas will be performed weekly when waste is in the storage areas.

### 23 Immobilized Low-Activity Containers and High-Level Waste Canisters

- 24 Filled ILAW containers and IHLW canisters will be radioactive and thus, inspections must be performed
- 25 remotely. Therefore, in lieu of conventional container inspections while the containers are in storage,
- 26 each container will be inspected before and after filling, and when it is moved into and out of the ILAW
- 27 and IHLW containment buildings or container storage areas. The containers will not contain free liquids,
- 28 will be chemically and physically stable (not ignitable or reactive), and will have either a welded closure
- 29 (IHLW) or pressed fitted closure seal (ILAW). The IHLW canisters will be placed in special racks inside
- 30 the storage areas that will prevent them from toppling.
- 31 The WTP will inspect the ILAW and IHLW container storage or containment building areas, when they
- 32 are in use, weekly by remote means. As specified in III.10.D.4.b.ii, these remotely managed storage areas
- are exempt from the 30-inch aisle spacing. ILAW and IHLW containers/canisters aisle spacing is
- anticipated to be in the range of 4 to 16 inches, as described in Chapter 4E.1.2.1 and 4F.1.2.1,
- 35 respectively. <u>Table 6A-2-Table 6A-3a and Table 6A-4a</u> details the methods and criteria used to inspect
- 36 the ILAW containers and IHLW canisters, respectively.
- 37 The dangerous waste container labeling requirements will be met by using a unique alphanumeric
- 38 identifier that will be welded to each container. Deterioration of the identifier is not expected due to the
- 39 permanent nature of these markings and provisions for subsequent handling that will safeguard against
- 40 damage to the containers and the identifying marks.
- 41 Using the identification on each container, a tracking system will record key movements of each
- 42 immobilized waste container through the facility. Information about the waste canister tracking system is
- 43 in Chapter 4.0. For each container of ILAW and IHLW produced, the system will track the following:

- 1 The location of each container in process and storage areas
- The date that waste was first placed in the container
- The date the container was shipped from the facility, and its destination
- The nature of waste in the container, including dangerous waste designation codes, and land
   disposal restriction requirements
- 6 Secondary and Miscellaneous Waste in Containers

7 Secondary waste refers to newly generated waste (or a waste by-product from treating the Hanford tanks

8 waste) that is designated as dangerous waste or mixed waste. Secondary waste will be generated at the

9 WTP, for example, waste associated with laboratory activities, maintenance activities and failed

10 contaminated equipment.

#### 11 6A.4.2 Tank Systems Inspections, Assessments and Corrective Actions

### 12 6A.4.2.1 Tank System Inspections

13 A description of the tank systems, and their safety and interlock controls, at the WTP can be found in

14 Chapter 4. Access to regulated tanks for inspection and integrity assessments must be consistent with

15 keeping radiation exposure ALARA. Each tank or grouping of identical tanks is shown as a line item in

16 the <u>facility specific</u> inspection schedule, <u>Table 6A 3 in Table 6A-3b</u>, <u>Table 6A-4b</u>, <u>Table 6A-5b</u>, and

17 <u>Table 6A-6b</u>. Each inspection item includes a description of problems to look for and the frequency of

18 inspection. The inspection will address the tanks overfill and spill control equipment, data gathered from

19 monitoring and leak detection equipment, construction materials, the area immediately surrounding the 20 externally accessible portion of the tank as well as secondary containment system.

# 21 6A.4.2.2 Tank System Integrity Assessments

Periodic integrity assessments will be performed over the life of the regulated tank systems to assure they retain their structural integrity and will not collapse, rupture, or fail. The frequency of integrity

assessments will be based on the potential for corrosion and erosion. The classification system allows

25 extra assessment efforts to be focused on tank system that may have the highest potential consequences if

- 26 failure or loss of containment should occur.
- Assessment of equipment with lower potential for corrosion and erosion with accessible areas or hot cells is made during the routine or maintenance outages and within 10 years after start of hot commissioning at
- 29 selected accessible points where baseline Non-Destructive Examination (NDE) measurements had been
- 30 taken. Subsequent integrity assessments will be based on the results of previous integrity assessments,
- the age of the equipment, materials of construction, characteristics of the waste, and any other relevant

32 factors, but there will be no more than 10 years between integrity assessments.

Assessment of equipment with higher potential for corrosion and erosion within accessible areas is made during routine or maintenance outages and within 7 years after the start of hot commissioning at selected

35 accessible points where baseline NDE measurements had been taken. Subsequent integrity assessments

36 will be based on the results of previous integrity assessments, the age of the equipment, materials of

37 construction, characteristics of the waste, and any other relevant factors but there will be no more than 7

38 years between integrity assessments.

### 39 6A.4.2.3 Tank Systems – Corrective Actions

- 40 If a leak or spill of dangerous and/or mixed waste is detected in a secondary containment system during
- 41 the course of an inspection, the permittee will follow the remedial actions found in permit conditions
- 42 III.10.E.5.i.i through III.10.E.5.i.v.

# 1 6A.5 STORAGE OF IGNITABLE OR REACTIVE WASTES

- 2 Small amounts of ignitable (D001) and reactive (D003) waste may be generated as secondary waste
- 3 during maintenance and laboratory operations. Management of this waste will be performed either in Lab
- 4 Pack Room (A-0139A) or Waste Drum Management Room (A-0139), in accordance with WAC 173-303-
- 5 <u>395</u>. Annual inspections of all areas managing D001 and D003 waste will be conducted by personnel
- 6 familiar with the International Fire Code, or in the presence of the local, state, or federal fire marshal.
- 7 The date and time of the inspection, the name of the inspector or fire marshal, a notation of the
- 8 observation made, and any remedial actions, will be documented in the inspection log.

# 9 6A.5.1 Secondary and Miscellaneous Waste in Containers

- 10 Container Storage Areas managing secondary and/or miscellaneous wastes are inspected at least every
- 11 seven days. Inspections of container storage areas include verifying major risk labels are present and
- 12 legible, that all containers are closed, and area and aisle space is free of liquid and debris. Additional
- 13 inspection criteria are included in the container storage inspection tables at the end of this chapter.

# 14 6A.6 AIR EMISSIONS CONTROL AND DETECTION

# 15 6A.6.1 Air Emissions from Process Vents (Subpart AA)

16 The WTP does not use any of the regulated devices or processes listed; therefore, the WTP will not be 17 subject to regulation under Subpart AA (40 CFR 264).

# 18 6A.6.2 Air Emission Standards for Equipment Leaks (Subpart BB)

19 The <u>WAC 173-303-691</u> and Subpart BB (40 CFR 264) applies to equipment that contains or contacts

20 hazardous wastes with organic concentrations of at least 10 percent by weight. This provision will not

21 apply to the facility because the WTP will not accept or treat wastes with organic concentrations at or

22 above 10 percent by weight. Compliance with this provision will be documented through analyses of

23 verification samples, as described in the Waste Analysis Plan.

# 24 6A.6.3 Air Emission Standards for Tanks and Containers (Subpart CC)

The regulations specified under <u>WAC 173-303-692</u> and <u>40 CFR Part 264</u> Subpart CC, incorporated by reference, do not apply to the WTP mixed waste tank systems and containers. These tanks and containers

27 qualify as waste management units that are "used solely for the management of radioactive dangerous

waste in accordance with all applicable regulations under the authority of the Atomic Energy Act and the

29 Nuclear Waste Policy Act" and are excluded under <u>WAC 173-303-692(1)(b)(vi)</u>.

30 Containers or tanks bearing nonradioactive, dangerous waste, such as maintenance and laboratory waste,

that are not excluded under  $\underline{WAC 173-303-692}(1)(b)(ii)$  or  $\underline{40 \ CFR 264.1082}(c)$ , will comply with the

32 container and tank standards specified under <u>40 CFR part 264</u> Subpart CC.

	Table 6A-1         General Facility Insp	ections <sup>1</sup>	
Security Devices			
WTP inner fence (i.e., active portion)	<u>Check for appearance, damage and</u> <u>tampering.</u>	Monthly	Physical
Warning signs to read "DANGER UNAUTHORIZED PERSONNEL KEEP OUT"	Verify signs are present, legible from a distance of 25 ft, and visible; ensure buildings or rooms containing dangerous and/or missed waste are posted.		
Points of access to active portions turnstiles, doors, and/or magnetic encoded bar readers	<u>Verify operability</u>	<u>Monthly</u>	Functional
<b>Emergency Preparedness H</b>	Equipment		
Safety showers and eyewash stations	Verify operability and sufficient pressure	<u>At least every</u> seven days	Physical
Fire Detectors	Check for appearance, damage or signs of tampering	Semi-Annual	Physical
	Verify operability	Annually	Functional
Automatic fire suppression system(s)	Verify operability	Annually	<u>Functional</u>
Portable fire extinguishers (all types)	Check for adequate charge	<u>Monthly</u>	Physical
Emergency and exit lighting	Test operability	Monthly	<u>Functional</u>
Spill kit and spill control equipment	Verify contents complete	Quarterly	<u>Physical</u>
Personal protective clothing and equipment	Ensure supplies meet ERP listing and requirements	<u>Quarterly</u>	<u>Physical</u>
<b>Communications Equipme</b>	<u>nt</u>		
Emergency sirens and alarms			
Voice paging system (pagers or PA system)	<u>Verify operability</u>	Monthly	<u>Functional</u>
Emergency telephones			
<b>Power Supply Inspections</b>			
Emergency uninterruptible power supply system(s)	Verify operability	Annual	Functional
Emergency turbine generator	Perform no-load test and verify sufficient fuel	Annual	Functional

<sup>&</sup>lt;sup>1</sup> Applies to active portions (i.e., Laboratory) of the WTP Facility

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# Table 6A-2 Lab Inspection Plan

Table 6A-2a Lab Container Storage Inspections			
Dangerous and Mixed V	Vaste Container Storage Areas		
Laboratory Waste Management Areas (A-0139) (A-0139A/B/C/D)	Verify major risk labels present and legible, ensure all containers are closed; Check that container storage areas are free of liquid and debris; Check for significant cracks, gaps, and other signs of deterioration of storage area floors; Verify minimum 30 inches of aisle space between containers; Verify that any dangerous and or mixed waste container holding free liquids have portable secondary containment and no liquids accumulated in portable secondary containment	<u>At least</u> <u>every seven</u> <u>days</u>	Physical
<u>Container Storage areas</u> <u>storing ignitable or</u> <u>reactive waste</u>	Inspect, by professional person or in the presence of a fire marshal for compliance with the International Fire code	<u>Annual</u>	Physical

Table 6A	2b Lab Tank System and Ancillary Equipment In	spections	
Analytical Laboratory T	Tank System:		
<u>RLD-VSL-00164</u>			
<u>RLD-VSL-00165<sup>2</sup></u>			
Tank level switches and	Check for proper operation and review of alarm status	<u>Daily</u>	Remote
<u>transmitters</u>	Check Interlock Initiation	Weekly	Remote
Spill control	Check for proper operation	Daily	Remote
equipment/overfill			
<u>controls</u>		2	
$\frac{\text{Tank integrity}}{\text{assessment}^{4}}$	Operating history review	<u>2 years</u>	<u>N/A</u>
	<u>Visual inspections</u>	<u>2 years</u>	Physical or
			<u>or</u> <u>Remote</u>
	Nondestructive examination	10 years	Physical
Secondary Containment	t Sump Systems:		
Sumps associated with RI	LD-VSL-00164: RLD-SUMP-00041		
Sumps associated with RI	LD-VSL-00165: RLD-SUMP-00042, -00043A/B, -00044, -0004	<u>5</u>	
Level switches and transmitters	Check for proper operation and review of alarm status	Daily	<u>Remote</u>
Sump integrity	Operating history review	2 years	<u>N/A</u>
assessment*	Visual inspection	<u>2 years</u>	Physical
			<u>or</u>
			Remote
	Nondestructive examination <sup>3</sup>	<u>10 years</u>	Physical
Leak Detection Boxes			
Leak Detection Boxes ass	sociated with RLD-VSL-00164: RLD-LDB-00005, -00006, -000	07, -00008, -0	0011
Leak Detection Boxes ass	sociated with RLD-VSL-00165: RLD-LDB-00002, -00004, -000	<u>09</u>	

<sup>&</sup>lt;sup>2</sup> Inspections apply to active portions of the facility. RLD-VSL-00165, including associated sumps and leak detection boxes, will not be active under the DFLAW configuration. <sup>3</sup> Nondestructive examination will only be conducted for sumps that were found to have managed dangerous waste during the

operating history review.

Table 6A-2b Lab Tank System and Ancillary Equipment Inspections			
Level switches and transmitters	Check for proper operation and review of alarm status	<u>Daily</u>	<u>Remote</u>
Integrity assessment	Operating history review	2 years	<u>N/A</u>

# Table 6A-3 Example Low Activity Waste Inspection Plan

Table 6A-3a Exam	Table 6A-3a         Example         LAW Containment Building and Container Storage Inspections					
L-0115D, L-0115E LAW Consumable Impo LAW C3 Workshop Con LAW Pour Cave Contai			<u>),</u>			
Item	Inspection	<b>Frequency</b>	Method			
Building exterior	Inspect the area immediately surrounding the containment building to detect signs of releases of dangerous waste					
Interior rooms	Inspect floor and walls for significant cracks, gaps, corrosion, or other signs of deterioration; look for liquids on floor Check differential pressure monitoring records to ensure negative pressure in containment building area	<u>At least</u> <u>every seven</u> <u>days</u>	Physical			
Container Storage areas storing ignitable or reactive waste	Inspect, by professional person or in the presence of a fire marshal for compliance with the International Fire code	Annual	Physical			
Immobilized ILAW Cor	tainer Storage in Containment Buildings	I	1			
ILAW containers	Inspect that unique alphanumeric identifier is welded to ILAW container and is legible	Prior to placing in storage	<u>Remote</u>			
Filled ILAW containers <sup>4</sup>	Inspect each container for cracks, leaks, bulges, or other abnormalities	After sealing container	<u>Remote</u>			
	Record in tracking system each container's location when placed in storage;Record in tracking system all container location changes if container(s) are moved while in storage;Verify container in recorded location when transporting container out of WTP storage	Within 48 hours of placing or moving each container	<u>Remote</u>			

<sup>&</sup>lt;sup>4</sup> Direct access to containers of ILAW for the purposes of inspection is precluded due to high radioactivity levels; therefore, ILAW containers are exempt from the 30-inch aisle requirements (III.10.D.4.b.ii)

Table 6A-3b	xample—LAW Tank System and Ancillary Equi	oment Inspect	ions
<b>Component Name</b>			
LCP: LCP-VSL-00001, -	00002		
LFP: LFP-VSL-00001, -(	00002, -00003, -00004		
LVP: LVP-TK-00002			
LOP: LOP-VSL-00001, -	<u>-00002</u>		
<b>RLD:</b> RLD-VSL-00003,	<u>-00004, -00005</u>		
Item	<b>Types of Problems/Inspections</b>	<b>Frequency</b>	Meth
Tank level switches and transmitters	Check for proper operation and review of alarm status	Daily	Remo
<u>transmitters</u>	Check interlock initiation	Weekly	Remo
Spill control equipment/overfill controls	Check for proper operation	Daily	Remo
Tank integrity	Operating history review	TBD	TBD
assessment	Visual inspections	TBD	TBD
	Nondestructive examination	TBD	TBD
Secondary Containment	Sump System:	I	
Level switches and transmitters	Check for proper operation and review of alarm status	<u>Daily</u>	Remo
Sump integrity	Operating history review	TBD	TBD
assessment	Visual inspection	TBD	TBD
	Nondestructive examination	TBD	TBD

Table 6A-30	Table 6A-3c Example LAW Miscellaneous Treatment Unit Inspections					
Item	Plant Item number	<b>Types of Problems/Inspections</b>	Frequency	Method		
LAW Melter Process Sy	vstem (LMP)					
LAW melter 1 LAW melter 2	LMP-MLTR-00001 LMP-MLTR-00002	Check for damage, leaks, or abnormalities	Deile	Demete		
		Inspect melter level monitoring data to prevent overflow	- <u>Daily</u>	<u>Remote</u>		
LAW Primary Offgas P	rocess System (LOP)					
Melter 1 and melter 2	LOP-SCB-00001	TBD	TBD	Remote		
submerged bed scrubbers	LOP-SCB-00002					
Melter 1 and melter 2	LOP-WESP-00001	TBD	TBD	Remote		
wet electrostatic precipitators	LOP-WESP-00002					
Primary/standby film	LOP-FCLR-00001	TBD	TBD	Remote		
<u>coolers</u>	LOP-FCLR-00002					
	LOP-FCLR-00003					
	LOP-FCLR-00004					
LAW Secondary Offgas	/Vessel Vent Process (LVI	<u>P</u>	1			
Melter offgas caustic scrubber	LVP-SCB-00001	TBD	TBD	Remote		
Melter offgas HEPA	LVP-HEPA-00001A/B	TBD	TBD	<u>Remote</u>		

Table 6A-30	Table 6A-3c Example LAW Miscellaneous Treatment Unit Inspections				
Item	Plant Item number	<b>Types of Problems/Inspections</b>	Frequency	Method	
filters	<u>LVP-HEPA-00002A/2B</u> <u>LVP-HEPA-00003A</u>				
<u>Thermal catalytic</u> <u>oxidizer</u>	LVP-SCO-00001	TBD	TBD	<u>Remote</u>	
<u>NO<sub>x</sub> selective catalytic</u> reduction unit	LVP-SCR-00001	TBD	TBD	Remote	
Melter offgas HEPA preheaters	LVP-HTR-00001A/1B	TBD	TBD	<u>Remote</u>	
Catalytic oxidizer electric heater	LVP-HTR-00002	TBD	TBD	Remote	
Catalytic oxidizer heat recovery unit	LVP-HX-00001	TBD	TBD	Remote	
Offgas mercury adsorbers	<u>LVP-ADBR-00001A/1</u> <u>B</u>	TBD	TBD	Remote	
Melter offgas exhausters	LVP-EXHR-00001A/1 B/1C	TBD	TBD	Remote	

# Table 6A-4 Example Effluent Management Facility Inspection Plan

Table 6A-4a         Example         EMF Containment Building and Container Storage Inspections				
Item	Inspection	Frequency	Method	
Building exterior	Inspect the area immediately surrounding the containment building to detect signs of releases of dangerous waste			
Interior rooms	Inspect floor and walls for significant cracks, gaps, corrosion, or other signs of deterioration; look for liquids on floor	<u>At least</u> <u>every seven</u> <u>days</u>	Physical	
	<u>Check differential pressure monitoring records to ensure</u> <u>negative pressure in containment building area</u>			
<u>Container Storage areas</u> <u>storing ignitable or</u> <u>reactive waste</u>	Inspect, by professional person or in the presence of a fire marshal for compliance with the International Fire code	<u>Annual</u>	Physical	

Table 6A-4b Example EMF Tank System and Ancillary Equipment Inspections					
Component Name	<b>Types of Problems/Inspections</b>	<b>Frequency</b>	Method		
<b>DEP:</b> DEP-VSL-00001, -00002, -00003A, -00003B, -00003C, 00004A, -00004B, -00005A, -00005B					
Tank level switches and transmitters	Check for proper operation and review of alarm status	<u>Daily</u>	<u>Remote</u>		
Spill control equipment/overfill controls	Check interlock initiation	<u>Weekly</u>	<u>Remote</u>		
Tank integrity	Check for proper operation	<u>Daily</u>	Remote		
assessment	Operating history review	TBD	TBD		
	Visual inspections	TBD	TBD		
Secondary Containment S	ump System:		•		
Level switches and	Check for proper operation and review of alarm status	Daily	Remote		

Component Name	<b>Types of Problems/Inspections</b>	<b>Frequency</b>	Method	
<b>DEP:</b> DEP-VSL-00001, -00002, -00003A, -00003B, -00003C, 00004A, -00004B, -00005A, -00005B				
transmittara				
<u>iransinitters</u>				
	Operating history review		TBD	TBD
transmitters Sump integrity assessment	Operating history review Visual inspection		TBD TBD	TBD TBD

Table 6A-40	Table 6A-4c Example EMF Miscellaneous Treatment Unit Inspections					
Item	Plant Item number	<b>Types of Problems/Inspections</b>	Frequency	Method		
DEP evaporator separator	DEP-EVAP-00001	TBD	TBD	<u>TBD</u>		
DEP evaporator reboiler	DEP-RBLR-00001	TBD	TBD	TBD		
Evaporator primary condenser	DEP-COND-00001	TBD	TBD	TBD		
Evaporator intercondenser	DEP-COND-00002	TBD	TBD	TBD		
Evaporator after condenser	DEP-COND-00003	TBD	TBD	TBD		
Process condensate lag <del>ga</del> storage transfer line filter	DEP-FILT-00002	TBD	TBD	TBD		
Evaporator Feed prefilter	DEP-FILT-00003	TBD	TBD	TBD		
Condensate duplex cartridge filter	DEP-FILT-00004A DEP-FILT-00004B	TBD	TBD	TBD		
Concentrate effluent cooler	<u>DEP-HX-00001</u>	TBD	TBD	TBD		
Process Ventilation primary HEPA	DVP-HEPA-00003A DVP-HEPA-00003B	TBD	TBD	<u>TBD</u>		
Process Ventilation secondary HEPA	DVP-HEPA-00004A DVP-HEPA-00004B	TBD	TBD	TBD		
Process Ventilation Heater	<u>DVP-HTR-00001A/B</u>	TBD	TBD	TBD		
Process Ventilation Exhauster	DVP-EXHR-00001A/B	TBD	TBD	<u>TBD</u>		

<u>Item</u>	<b>Inspection</b>	<b>Frequency</b>	Meth
Containment Buildir	g Inspections		
Building exterior	Inspect the area immediately surrounding the containment building to detect signs of releases of dangerous waste		
Interior rooms	Inspect floor and walls for significant cracks, gaps, corrosion, or other signs of deterioration; look for liquids on floorCheck differential pressure monitoring records to ensure negative pressure in containment building area	<u>At least</u> <u>every seven</u> <u>days</u>	<u>Physic</u>
Dangerous and/or M	ixed Waste Container Storage Inspections		
HLW east corridor (HC-0108/0109/0110) HLW loading area (H-0130)	free of liquid and debris; Check for significant cracks, gaps, and other signs of deterioration of storage area floors; Verify minimum 30 inches of aisle space between containers; Verify that any dangerous and or mixed waste container holding free liquids have portable secondary containment and no liquids accumulated in portable secondary containment	<u>At least</u> <u>every seven</u> <u>days when</u> <u>in use</u>	Physic
Container Storage area storing ignitable or reactive waste	as <u>Inspect, by professional person or in the presence of a fire</u> marshal for compliance with the International Fire code	Annual	<u>Physic</u>
HLW Vitrification P	lant Canister Storage Area		•
IHLW canisters	Inspect that unique alphanumeric identifier is welded to IHLW canister and is legible	Prior to placing in storage	Remot
Filled IHLW canisters	<sup>5</sup> Inspect each container for cracks, leaks, bulges, or other <u>abnormalities</u>	After sealing container	Remot
	Record in tracking system each container's location when placed in storage; Record in tracking system all container location changes if container(s) are moved while in storage; Verify container in recorded location when transporting container out of WTP storage	Within <u>48 hours of</u> <u>placing or</u> <u>moving each</u> <u>container</u>	Remot
IHLW canister storage cave (H-0132)	storage area	At least every seven days when in use	Remot
	V for the purposes of inspection is precluded due to high radioactivity leve inch aisle space requirements (III.10.D.4.b.ii).	ls; therefore, IHLV	V caniste

 Table 6A-5
 Example
 High Level Waste Inspection Plan

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High Level Waste Tank System:

HOP: HOP-VSL-00903, -00904

HDH: HDH-VSL-00001, -000002, -000003, -00004

RLD: RLD-VSL-00002, -00007, -00008

HFP: HFP-VSL-00001, -00002, -00005, -00006

HSH: HSH-TK-00001, -00002

Item	Types of Problems/Inspections	<b>Frequency</b>	Method
Tank level switches and transmitters	Check for proper operation and review of alarm status	Daily	<u>Remote</u>
<u>transmitters</u>	Check Interlock Initiation	Weekly	<u>Remote</u>
Spill control equipment/overfill controls	Check for proper operation	Daily	<u>Remote</u>
Tank integrity	Operating history review	TBD	TBD
assessment	<u>Visual inspections</u>	TBD	TBD
	Nondestructive examination	TBD	TBD
Secondary Containment	Sump System:		•
Level switches and transmitters	Check for proper operation and review of alarm status	<u>Daily</u>	Remote
Sump integrity	Operating history review	TBD	TBD
assessment	Visual inspection	TBD	TBD
	Nondestructive examination	TBD	TBD

Table 6A-50	Table 6A-5c Example—HLW Miscellaneous Treatment Unit Inspections					
Item	Plant Item number	<b>Types of Problems/Inspections</b>	<b>Frequency</b>	Method		
LAW Melter Process Sy	stem (LMP)					
HLW melter 1	<u>HMP-MLTR-00001</u>	Check for damage, leaks, or				
HLW melter 2	HMP-MLTR-00002	abnormalities	Daily	Remote		
		Inspect melter level monitoring data to prevent overflow				
Melter Offgas Treatmen	Melter Offgas Treatment Process System (HOP)					
Submerged bed	HOP-SCB-00001	TBD	TBD	TBD		
<u>scrubber</u>	HOP-SCB-00002					
<u>Wet electrostatic</u> precipitators (WESP)	HOP-WESP-00001	TBD	<u>TBD</u>	<u>TBD</u>		
· · · · · · · · · · · · · · · · · · ·	<u>HOP-WESP-00002</u>					
Thermal catalytic	HOP-SCO-00001	TBD	TBD	<u>TBD</u>		
oxidizer	<u>HOP-SCO-00004</u>					
NOx selective catalytic	HOP-SCR-00001	TBD	<u>TBD</u>	<u>TBD</u>		
reduction units	HOP-SCR-00002					
Silver mordenite	HOP-ABS-00002	TBD	<u>TBD</u>	<u>TBD</u>		
<u>columns</u>	HOP-ABS-00003					
HEPA filters	HOP-HEPA-00001A/B	TBD	<u>TBD</u>	TBD		
	HOP-HEPA-00002A/B					
	HOP-HEPA-00007A/B					
	HOP-HEPA-00008A/B					
Melter offgas film	HOP-FCLR-00001/3	TBD	TBD	TBD		
<u>coolers</u>	HOP-FCLR-00002/4					
Catalyst skid preheaters	HOP-HX-00001	TBD	TBD	TBD		
	<u>HOP-HX-00003</u>					

Table 6A-50	Example HLW Mis	scellaneous Treatment Unit	Inspections	
Item	Plant Item number	<b>Types of Problems/Inspections</b>	Frequency	Method
HEPA preheaters	HOP-HTR-00001B	TBD	TBD	TBD
	HOP-HTR-00002A			
	HOP-HTR-00005A			
	HOP-HTR-00005B			
Catalyst skid electric	HOP-HTR-00007	TBD	TBD	TBD
Heaters	HOP-HTR-00001			
Silver mordenite	HOP-HX-00002	TBD	TBD	TBD
<u>preheaters</u>	HOP-HX-00004			
Stack extraction fans	HOP-FAN-00008A	TBD	<u>TBD</u>	<u>TBD</u>
	HOP-FAN-00008B			
	HOP-FAN-00008C			
	HOP-FAN-00010A			
	HOP-FAN-00010B			
	HOP-FAN-00010C			
Booster extraction fans	HOP-FAN-00001A/B/C	TBD	TBD	TBD
	HOP-FAN-00009A/B/C			
Activated carbon	HOP-ADBR-00001A/B	TBD	TBD	TBD
adsorber	HOP-ADBR-00002A/B			
High efficiency mist	HOP-HEME-00001A/B	TBD	TBD	TBD
eliminators (HEME)	HOP-HEME-00002A/B			
HLW Pulse Jet Ventilat	ion System (PJV)			
PJV HEPA filters	PJV-HEPA-00004A/B	TBD	TBD	TBD
	PJV-HEPA-00005A/B			
Pulse ventilation HEPA	<u>PJV-HTR-00002</u>	TBD	TBD	TBD
electric preheater				
Pulse vent extraction	PJV-FAN-00002A/B	TBD	<u>TBD</u>	<u>TBD</u>
<u>Fans</u>				

# Table 6A-6 Example Pretreatment Facility Inspection Plan

#### Table 6A-6a Example PT Containment Building Inspections

Pretreatment Hot Cell Containment Building: P-0123

**Pretreatment Maintenance Containment Rooms:** PM0124, P-0121A, P-0421A, P-0122A, P-0122A, P-0123A, P-0124, P-0125, P-0125A, P-0128A, P-0128

Pretreatment Filter Package Maintenance Containment Room: P-0223

Pretreatment Filter Cave Room: P-0335

**Decon Chamber:** P-0335A

General Filter Room: P-0431A

Item	Inspection	<b>Frequency</b>	Method
Building exterior	Inspect the area immediately surrounding the containment building to detect signs of releases of dangerous waste	<u>At least</u> every seven	Physical
Interior rooms	Inspect floor and walls for significant cracks, gaps, corrosion, or other signs of deterioration; look for liquids on floor	<u>days</u>	<u>r nysicar</u>

lable	6A-6a Example PT Containment Building Ins	pections	
	<u>Check differential pressure monitoring records to ensure</u> <u>negative pressure in containment building area</u>		
Table 6A-6b	Example PT Tank System and Ancillary Equip	ment Inspectio	ons
<b>Pretreatment Facility Ta</b>	ank System:		
FRP: FRP-VSL-00002A	., -00002B, -00002C, -00002D		
FEP: FEP-VSL-00017A	<u>, -00017B, -00005</u>		
HLP: HLP-VSL-00027A	A, -00027B, -00022, -00028		
UFP-FILT-00001B UFP-	., -00001B, -00002A, -00002B, -00062A, -00062B, -00062C, FILT-00002A UFP-FILT-00002B UFP-FILT-00003A UFP-F 4B, UFP-FILT-00005A, UFP-FILT-00005B		
	CXP-IXC-00001 CXP-IXC-00002 CXP-IXC-00003 CXP-IX /SL-00004, CXP-VSL-00026A CXP-VSL-00026B CXP-VSI		
<b>CNP:</b> CNP-VSL-00001,	-00004, -00003		
<b>PVP:</b> PVP-VSL-00001			
<b>PWD:</b> PWD-VSL-00033	, -00044, -00015, -00016, -00046, -00043		
TLP: TLP-VSL-00002, -	-00009A, -00009B		
<b>TCP:</b> TCP-VSL-00001			
RDP: RDP-VSL-00002A	A, -00002B, -00002C, -00004		
RLD: RDP-TK-00006A,	<u>-00006B, -00017A, -00017B</u>		
<b>PIH:</b> PIK-TK-00001			
Itom			
Item	Types of Problems/Inspections	Frequency	Metho
Tank level switches and	Types of Problems/Inspections           Check for proper operation and review of alarm status	FrequencyDaily	Metho Remote
			-
Tank level switches and	Check for proper operation and review of alarm status	Daily	Remote
Tank level switches and transmitters Spill control equipment/	Check for proper operation and review of alarm status Check Interlock Initiation	Daily       Weekly	Remote
Tank level switches and transmitters         Spill control equipment/ overfill controls	Check for proper operation and review of alarm status         Check Interlock Initiation         Check for proper operation	Daily       Weekly       Daily	Remote       Remote       Remote
Tank level switches and transmitters         Spill control equipment/ overfill controls         Tank integrity	Check for proper operation and review of alarm status         Check Interlock Initiation         Check for proper operation         Operating History Review	Daily       Weekly       Daily       TBD	Remote       Remote       Remote       TBD
Tank level switches and transmitters         Spill control equipment/overfill controls         Tank integrity assessment	Check for proper operation and review of alarm status         Check Interlock Initiation         Check for proper operation         Operating History Review         Visual Inspections         Nondestructive examination	Daily Weekly Daily TBD TBD	Remote Remote Remote TBD TBD
Tank level switches and transmitters         Spill control equipment/overfill controls         Tank integrity assessment         Secondary Containment         Level switches and	Check for proper operation and review of alarm status         Check Interlock Initiation         Check for proper operation         Operating History Review         Visual Inspections         Nondestructive examination	Daily Weekly Daily TBD TBD	Remote Remote Remote TBD TBD TBD
Tank level switches and transmitters         Spill control equipment/overfill controls         Tank integrity assessment         Secondary Containment         Level switches and transmitters	Check for proper operation and review of alarm status         Check Interlock Initiation         Check for proper operation         Operating History Review         Visual Inspections         Nondestructive examination         Sump System:	Daily       Weekly       Daily       TBD       TBD       TBD       TBD	Remote Remote Remote TBD TBD TBD
Tank level switches and transmitters         Spill control equipment/overfill controls         Tank integrity assessment         Secondary Containment	Check for proper operation and review of alarm status         Check Interlock Initiation         Check for proper operation         Operating History Review         Visual Inspections         Nondestructive examination         Sump System:         Check for proper operation and review of alarm status	Daily       Weekly       Daily       TBD       TBD       TBD       TBD       Daily	Remote Remote TBD TBD TBD Remote

Table 6A-6c Example PT Miscellaneous Treatment Unit Inspections				
Item	Plant Item number	<b>Types of Problems/Inspections</b>	<b>Frequency</b>	Method
Treated LAW Process S	Treated LAW Process System (TLP)			
Treated LAW evaporator separator vessel	<u>TLP-SEP-00001</u>	Inspect vessel level monitoring data to prevent overflow	Daily	TBD
Treated LAW reboiler	TLP-RBLR-00001	TBD	TBD	TBD
Treated LAW primary	<u>TLP-COND-00001</u>	TBD	TBD	TBD

Table 6A-6	Table 6A-6c Example PT Miscellaneous Treatment Unit Inspections			
Item	Plant Item number	<b>Types of Problems/Inspections</b>	Frequency	Method
condenser				
Treated LAW inter-	TLP-COND-00003	TBD	TBD	TBD
condenser				
Treated LAW after-	TLP-COND-00002	TBD	TBD	TBD
Condenser				
	Feed Process System (FI			
Waste feed evaporator Separator vessels	FEP-SEP-00001A	TBD	<u>TBD</u>	<u>TBD</u>
Separator vessels	<u>FEP-SEP-00001B</u>			
Waste feed evaporator	FEP-RBLR-00001A	TBD	TBD	TBD
reboilers	<u>FEP-RBLR-00001B</u>			
Waste feed evaporator	FEP-COND-00001A	TBD	TBD	TBD
primary condensers		<u>IDD</u>	IBD	
	FEP-COND-00001B			TDD
Waste feed evaporator inter-condensers	FEP-COND-00002A	TBD	<u>TBD</u>	TBD
	FEP-COND-00002B			TIDD
Waste feed evaporator after-condensers	FEP-COND-00003A	TBD	<u>TBD</u>	TBD
	FEP-COND-00003B			
Pulse Jet Ventilation (P.		_	T	1
PJV primary HEPA	PJV-HEPA-00001A	TBD	TBD	<u>TBD</u>
filters	PJV-HEPA-00001B			
	<u>PJV-HEPA-00001C</u>			
	<u>PJV-HEPA-00001D</u>			
	<u>PJV-HEPA-00001E</u>			
	PJV-HEPA-00001F			
	PJV-HEPA-00001G			
PJV secondary exhaust	PJV-HEPA-00002A	TBD	TBD	<u>TBD</u>
HEPA filters	PJV-HEPA-00002B			
	PJV-HEPA-00002C			
	PJV-HEPA-00002D			
	PJV-HEPA-00002E			
	PJV-HEPA-00002F			
PJV exhaust fans	<u>PJV-FAN-00001A</u>	TBD	TBD	TBD
	PJV-FAN-00001B			
	<u>PJV-FAN-00001C</u>			
PJV demisters	PJV-DMST-00002A	TBD	TBD	TBD
	PJV-DMST-00002B			
	PJV-DMST-00002C			
Pretreatment Vessel Ve	nt Process System (PVP)			u
Electric heaters	PVP-HTR-00001A	TBD	TBD	TBD
	PVP-HTR-00001B			
	PVP-HTR-00001C			
Vessel vent after-cooler	PVP-CLR-00001	TBD	TBD	TBD
Vessel vent carbon bed adsorbers	PVP-ADBR-00001A	TBD	TBD	TBD

Table 6A-	<u>6c Example PT Mi</u>	scellaneous Treatment Unit I	nspections	
Item	Plant Item number	<b>Types of Problems/Inspections</b>	<b>Frequency</b>	Method
	PVP-ADBR-00001B			
Vessel vent VOC oxidizer unit	<u>PVP-OXID-00001</u>	TBD	TBD	TBD
Vessel vent adsorber outlet filters	PVP-FILT-00001	TBD	TBD	TBD
<u>Vessel vent HEME</u> (mist eliminator)	<u>PVP-HEME-00001A</u> PVP-HEME-00001B	TBD	TBD	TBD
	PVP-HEME-00001C			
Vessel vent scrubbing liquid cooler	<u>PVP-HX-00002</u>	TBD	TBD	TBD
Vessel vent caustic scrubber	<u>PVP-SCB-00002</u>	TBD	TBD	TBD
Pretreatment Vessel Ve	ent Process and Exhaust S	ystem (PVV)		
Vessel vent HEPA primary filters	PVV-HEPA-00001A PVV-HEPA-00001B	TBD	TBD	<u>TBD</u>
Vessel vent HEPA secondary filters	<u>PVV-HEPA-00002A</u> <u>PVV-HEPA-00002B</u>	TBD	TBD	TBD
Vessel vent exhaust fans	<u>PVV-FAN-00001A</u> PVV-FAN-00001B	TBD	TBD	TBD
Cesium Nitric Acid Rec	covery Process System (C	<u>NP)</u>		
Cesium evaporator separator vessel	<u>CNP-EVAP-00001</u>	TBD	TBD	TBD
Cesium evaporator concentrate reboiler	<u>CNP-HX-00001</u>	TBD	TBD	TBD
<u>Cesium evaporator</u> <u>nitric acid rectifier</u> <u>column</u>	CNP-DISTC-00001	TBD	TBD	<u>TBD</u>
Cesium evaporator primary condenser	<u>CNP-HX-00002</u>	TBD	TBD	TBD

# Table 6A-7 Example Balance of Facilities Inspection Plan

# Table 6A-7a Example BOF Container Storage Inspections

Item	Inspection	Frequency	Method
<b>Dangerous and Mixed</b>	Waste Container Storage Areas	•	
Failed melter storage area	Verify major risk labels present and legible, ensure all containers are closed; Check that container storage areas are free of liquid and debris; Check for significant cracks, gaps, and other signs of deterioration of storage area floors; 	<u>At least</u> every seven days	Physical
<u>Non-radioactive</u> <u>dangerous waste</u> <u>container storage area</u>	<u>Verify major risk labels present and legible, ensure all</u> containers are closed; Check that container storage areas are free of liquid and debris; Check for significant cracks, gaps,	<u>At least</u> every seven days	Physical

Table 6A-7a Example BOF Container Storage Inspections			
	and other signs of deterioration of storage area floors; Verify minimum 30 inches of aisle space between containers; Verify that any dangerous and or mixed waste container holding free liquids have portable secondary containment and no liquids accumulated in portable secondary containment.		
Non-radioactive dangerous waste container storage area storing ignitable or reactive waste	Inspect, by professional person or in the presence of a fire marshal for compliance with the International Fire code.	<u>Annual</u>	Physical

# Table 6A-7b Example BOF Cathodic Protection Schedule-Dangerous Waste Transfer Lines Lines

	Lines	
Item	Inspection	Frequency
Cathodic protection systems for dangerous and mixed waste	Verify proper operation	Initial (less than 6 months after installation)
transfer lines		Annual (from date of initial installation inspection
All sources of impressed current supporting cathodically protected dangerous and mixed waste transfer lines	Test for proper function	<u>Bi-Monthly</u>

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#### Table 6A 1

#### A 1 Example WTP General Inspection Schedule

Component Name	Inspection	Frequency
Security Devices		1
WTP inner fence	Check for damaged fencing	Monthly
Posted warning signs (see Chapter 6.0, section 1.2) that say: "DANGER UNAUTHORIZED PERSONNEL KEEP OUT"	Verify signs are present, legible from a distance of 25 ft, and visible; ensure buildings or rooms containing dangerous or mixed waste are posted	Monthly
Points of access to active portions turnstiles, doors, and/or magnetic encoded bar readers	Verify operability	Monthly
Emergency Preparedness Equipment	<u>.</u>	
Safety showers and eyewash stations	Verify operability and sufficient pressure	At least every seven days
Automatic fire suppression system(s)	Verify operability	Annually
Portable fire extinguishers (all types)	Check for adequate charge	Monthly
Emergency lighting	Test operability	Monthly

Component Name	Inspection	Frequency
Spill kit and spill control equipment	Verify contents complete	Quarterly
Emergency sirens and alarms	Verify operability	Monthly
Voice paging system (pagers or PA system)	Verify operability	Monthly
Emergency telephones	Verify operability	Monthly
Personal protective clothing and equipment	Ensure supplies meet ERP listing and requirements	Quarterly
Power Supply Inspections		·
Emergency uninterruptible power supply system(s)	Verify operability	Annual
Emergency diesel generator	Perform no load test and verify sufficient fuel	Annual

# Table 6A 1 Example WTP General Inspection Schedule

Name	Inspection	<b>Frequency</b>
Dangerous and/or Mixed Waste (	Container Storage Inspections	
<ul> <li>HLW East corridor El. 0 ft (HC 0108/09/10)</li> </ul>	Verify major risk labels present and legible, ensure all containers are closed (except when waste is being added	At least every seven days
<ul> <li>HLW Loading Area (H 0130)</li> <li>Lab Pack Room (A 0139A)</li> <li>Waste Drum Management Room (A 0139)</li> <li>Non radioactive dangerous waste container storage area</li> <li>Failed melter storage facility</li> <li>Container storage in HLW, PTF, and LAW Containment Building described in Table HI.10.D.A</li> </ul>	to container); Check that container storage areas are free of liquid and debris; Check for significant cracks, gaps, and other signs of deterioration of storage area floors; Verify minimum 30 inches of aisle space between containers, except for IHLW canisters and ILAW containers; Verify that any dangerous and or mixed waste container holding free liquids have portable secondary containment and no liquids accumulated in portable secondary containment	
Immobilized ILAW Container Sto		
ILAW containers	Inspect that unique alphanumeric identifier is welded to ILAW container and is legible	Prior to placing in storage
Filled ILAW containers <sup>4</sup>	Inspect (visually, by camera surveillance, or cell window) each container for cracks, leaks, bulges, or other abnormalities	After sealing container
	Record in tracking system each container's location when placed in storage; Record in tracking system all container location changes if container(s) are moved while in storage; Verify container in recorded location when transporting container out of WTP storage.	Within 48 hours of placing or moving each container
Container Monitoring/Export Areas (L 0109E and L 0115E)	Inspect (visually, by camera surveillance, or cell window) for deformities in storage area floors or debris in storage area	At least every seven days when facility is storing waste in immobilized waste container monitoring/ex port area
HLW Vitrification Plant Canister	Storage Area	
IHLW canisters	Inspect that unique alphanumeric identifier is welded to IHLW canister and is legible	Prior to placing in storage
Filled IHLW Canister <sup>1</sup>	Inspect (visually, by camera surveillance, or cell window) each canister for cracks, leaks, bulges, or other abnormalities	After sealing canister

# Table 6A 2 Example Canister and Container Storage Inspection Schedules

Name	Inspection	Frequency
	Record in tracking system each canister's location when	Within 48
	placed in storage;	hours of
	Record in tracking system all canister location changes	placing or
	if canister(s) are moved while in storage;	moving each
	Verify canister in recorded location when transporting	canister
	canister out of WTP storage.	
IHLW Canister Storage Cave	Inspect (visually, by camera surveillance, or cell	At least every
<del>(H 0132)</del>	window) for deformities in storage area floors or debris	seven days
	in storage area	when facility
		is storing
		waste in
		immobilized
		waste caniste
		storage area

# Table 6A 2 Example Canister and Container Storage Inspection Schedules

of insp <del>ction 15 pre</del> cluded due to high radioactivity levels.

1 2 3 Therefore, ILAW and IHLW containers are exempt from the 30 inch aisle requirements (III.10.D.4.b.ii).

Component Name	Plant item number	Inspection	Frequency
	Pretreat	ment Plant Tank System	1
FRP			
Waste feed receipt vessels	FRP VSL 00002A FRP VSL 00002B FRP VSL 00002C FRP VSL 00002D	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
FEP		I	
Waste feed evaporator feed vessels	FEP VSL 00017A FEP VSL 00017B	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Waste feed evaporator condensate vessel	FEP VSL 00005	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
HLP			
HLW Lag storage vessel	HLP VSL 00027A HLP VSL 00027B	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
HLW feed receipt vessel	HLP VSL 00022	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
HLW feed blend vessel	HLP VSL 00028	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
UFP			
Ultrafiltration feed preparation vessels	UFP VSL 00001A UFP VSL 00001B	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Ultrafiltration feed vessels	UFP VSL 00002A UFP VSL 00002B	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Ultrafilter permeate collection vessel	UFP VSL 00062A UFP VSL 00062B UFP VSL 00062C	Inspect tank level monitoring data to prevent overflow	Daily
<del>Ultrafilters</del>	UFP FILT 00001A UFP FILT 00001B UFP FILT 00002A UFP FILT 00002B UFP FILT 00003A UFP FILT 00003B UFP FILT 00004A UFP FILT 00004B UFP FILT 00005A UFP FILT 00005B	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>

Table 6A 3	Example Tank Systems and Ancillary Equipment Inspection
	Schedule

Component Name	Plant item number	Inspection	Frequency
CXP			
Cesium ion exchange feed vessel	CXP VSL 00001	Inspect tank level monitoring data to prevent overflow	Daily
Cesium ion exchange columns	CXP IXC 00001 CXP IXC 00002 CXP IXC 00003 CXP IXC 00004	Inspect column monitoring data to prevent release	Daily
Cesium reagent vessel	CXP VSL 00005	Inspect tank level monitoring data to prevent overflow	Daily
Cesium ion exchange caustic rinse collection vessel	CXP VSL 00004	Inspect tank level monitoring data to prevent overflow	Daily .
Cesium ion exchange treated LAW collection vessels CNP	CXP VSL 00026A CXP VSL 00026B CXP VSL 00026C	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
		× · · · · · ·	
Cesium evaporator eluate lute vessel	CNP VSL 00001	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Cesium evaporator recovered nitric acid vessel	CNP VSL 00004	Inspect tank level monitoring data to prevent overflow	Daily
Eluate contingency storage vessel	CNP VSL 00003	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
PVP			
Vessel ventilation HEME drain collection vessel	PVP VSL 00001	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
PWD			
Ultimate overflow vessel	PWD VSL 00033	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Plant wash vessel	PWD VSL 00044	Inspect tank level monitoring data to prevent overflow	<b>Daily</b>
Acidic/alkaline effluent vessel	PWD VSL 00015	Inspect tank level monitoring data to prevent overflow	Daily
Acidic/alkaline effluent vessel	PWD VSL 00016	Inspect tank level monitoring data to prevent overflow	Daily

Component Name	Plant item number	Inspection	Frequency	
<del>C3 floor drains</del> tank	PWD VSL 00046	Inspect tank level monitoring data to prevent overflow	Daily	
HLW effluent transfer vessel	PWD VSL 00043	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>	
TLP				
Treated LAW evaporator condensate vessel	TLP VSL 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>	
LAW SBS condensate receipt vessel TCP	TLP VSL 00009A TLP VSL 00009B	Inspect tank level monitoring data to prevent overflow	Daily	
Treated LAW concentrate storage vessel RDP	TCP VSL 00001	Inspect tank level monitoring data to prevent overflow	Daily	
Spent resin slurry vessels	RDP VSL 00002A           RDP VSL 00002B           RDP VSL 00002C	Inspect tank level monitoring data to prevent overflow	Daily	
Spent resin dewatering moisture separation vessel RLD	RDP VSL 00004	RESERVED	<del>Daily</del>	
Process condensate vessels	RDP TK 00006A RDP TK 00006B	Inspect tank level monitoring data to prevent overflow	Daily	
Alkaline effluent vessels	RLD VSL 00017A RLD VSL 00017B	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>	
PIH				
Decontamination soak tank	PIH TK 00001	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>	
	LAW Vitri	fication Plant Tank System	•	
LCP				
LAW Melter 1 concentrate receipt vessel	LCP VSL 00001	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>	

Component Name	Plant item number	Inspection	Frequency
LAW Melter 2 concentrate receipt vessel	LCP VSL 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
LFP			
Melter 1 feed preparation vessel	LFP VSL 00001	Inspect tank level monitoring data to prevent overflow	<b>Daily</b>
Melter 1 feed vessel	LFP VSL 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Melter 2 feed preparation vessel	LFP VSL 00003	Inspect tank level monitoring data to prevent overflow	<b>Daily</b>
Melter 2 feed vessel	LFP VSL 00004	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
LAW caustic collection tank	LVP TK 00001	Inspect tank level monitoring data to prevent overflow	Daily
LOP			
LAW Melter 1 SBS condensate vessel	LOP VSL 00001	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
LAW Melter 2 SBS condensate vessel	LOP VSL 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
RLD			
Plant wash vessel	RLD-VSL 00003	Inspect tank level monitoring data to prevent overflow	Daily
C3/C5 drains/sump collection vessel	RLD VSL 00004	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
SBS condensate collection vessel	RLD VSL 00005	Inspect tank level monitoring data to prevent overflow	Daily
	HLW Vitri	fication Plant Tank System	
HOP			
Melter 1 SBS condensate receiver vessel 1	HOP VSL 00903	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Melter 2 SBS condensate receiver vessel 2	HOP VSL 00904	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>

Component Name	Plant item number	Inspection	Frequency
HDH			
Canister decon vessel 1	HDH VSL 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Canister decon vessel 2	HDH VSL 00004	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Waste neutralization vessel	HDH VSL 00003	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
<del>Canister rinse</del> <del>vessel</del>	HDH VSL 00001	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
RLD			
Acidic waste vessel	RLD VSL 00007	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Plant wash and drains vessel	RLD VSL 00008	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Offgas drains collection vessel	RLD VSL 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
HFP			
HLW Melter 1 feed preparation vessel	HFP VSL 00001	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
HLW Melter 2 feed preparation vessel	HFP VSL 00005	Inspect tank level monitoring data to prevent overflow	
HLW Melter 1 feed vessel	HFP VSL 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
HLW Melter 2 feed vessel	HFP VSL 00006	Inspect tank level monitoring data to prevent overflow	
HSH			
Decontamination Tank Melter cave 1	HSH TK 00001	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Decontamination Tank Melter cave 2	HSH TK 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>

Component Name	Plant item number	Inspection	Frequency
	Analytica	Laboratory Tank System	1
RLD			
Lab area sink drain collection vessel	RLD VSL 00164	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Hot cell drain collection vessel	RLD VSL 00165	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
	Effluent Man	agement Facility Tank System	
Evaporator Process System Vessels	DEP VSL 00001 DEP VSL 00002	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Evaporator Discharge System Vessels	DEP_VSL_00003A           DEP_VSL_00003B           DEP_VSL_00003C	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
	DEP VSL 00004A DEP VSL 00004B	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
	DEP_VSL_00005A           DEP_VSL_00005B	Inspect tank level monitoring data to prevent overflow	<del>Daily</del>
Primary-	Containment Sum	ps as identified the WTP Permit (I	Reserved)
	Sec	ondary Containment	
Leak detectors for all tank systems, miscellaneous units, and containment buildings managing dangerous and/or mixed waste		Monitor leak detection instrumentation or monitoring data to detect leaks	
Unde	erground Piping (r	eceiving from DST and transferrin	- ·
Leak detectors		Monitor leak detection instrumentation or monitoring data to detect leaks	<del>Daily</del>

# Table 6A 4 Example Cathodic Protection Inspection Schedule Dangerous Waste Transfer Lines

Component Name and Line Number	Inspection	Frequency
Cathodic protection systems for dangerous and mixed waste transfer lines	Verify proper operation	Initial (less than 6 months after installation) Annually (from date of initial installation inspection, above)
All sources of impressed current supporting cathodically protected dangerous and mixed waste transfer lines	Test for proper function	Bi monthly

# Table 6A 5 Example Ignitable or Reactive Wastes Inspection Schedule

Component Name	Inspection	Frequency
Container storage areas storing ignitable or reactive waste	Inspect, by professional person or in the presence of fire marshal for compliance with Uniform Fire Code and enter inspection into operating record. Inspect container storage areas for compliance with WAC 173 303 630 (8) requirements.	<del>365 days</del>

2 3

Component Name	Plant Item Number	Inspection	Frequency
Pretreatr	nent Facility Miscellaneo	ous Treatment Unit Sy	stems
TLP			
Treated LAW evaporator separator vessel	TLP SEP 00001	Inspect vessel level monitoring data to prevent overflow	<del>Daily</del>
Treated LAW Reboiler	TLP RBLR 00001	TBD	TBD
Treated LAW Primary Condenser	TLP COND 00001	TBD	TBD
Treated LAW Inter- Condenser	TLP COND 00003	TBD	TBD
Treated LAW After Condenser	TLP COND 00002	TBD	TBD
FEP			
Waste Feed Evaporator Separator Vessels	FEP SEP 00001A FEP SEP 00001B	TBD	TBD
Waste Feed Evaporator Reboilers	FEP RBLR 00001A FEP RBLR 00001B	TBD	TBD
Waste Feed Evaporator Primary Condensers	FEP COND 00001A FEP COND 00001B	TBD	TBD
Waste Feed Evaporator Inter Condensers	FEP COND 00002A FEP COND 00002B	TBD	TBD
Waste Feed Evaporator After Condensers	FEP COND 00003A FEP COND 00003B	TBD	TBD
₽J¥			
PJV Primary HEPA filters	PJV HEPA 00001A           PJV HEPA 00001B           PJV HEPA 00001C           PJV HEPA 00001C           PJV HEPA 00001D	TBD	TBD
	<del>PJV HEPA 00001E</del> <del>PJV HEPA 00001F</del> <del>PJV HEPA 00001G</del>		
PJV Secondary Exhaust HEPA filters	PJV HEPA 00002A           PJV HEPA 00002B           PJV HEPA 00002C           PJV HEPA 00002D           PJV HEPA 00002D           PJV HEPA 00002E           PJV HEPA 00002E	TBD	TBD
PJV Exhaust fans	PJV FAN 00001A           PJV FAN 00001B           PJV FAN 00001C	TBD	TBD

Component Name	Plant Item Number	Inspection	Frequency
PJV Demisters	PJV DMST 00002A	TBD	TBD
	PJV DMST 00002B		
	PJV DMST 00002C		
<u>PVP</u>			
Electric heaters	PVP HTR 00001A	TBD	TBD
	PVP HTR 00001B		
	PVP HTR 00001C		
Vessel Vent After cooler	PVP CLR 00001	TBD	TBD
Vessel Vent Carbon Bed	PVP ADBR 00001A	TBD	TBD
Adsorbers	PVP ADBR 00001B		
Vessel Vent VOC Oxidizer unit	PVP OXID 00001	TBD	TBD
<del>Vessel Vent Adsorber</del> <del>Outlet filters</del>	PVP FILT 00001	TBD	TBD
Vessel Vent HEME (mist eliminator)	PVP HEME 00001A           PVP HEME 00001B	TBD	TBD
	PVP HEME 00001C		
Vessel Vent Scrubbing Liquid Cooler	PVP HX 00002	TBD	TBD
<del>Vessel-Vent Caustic</del> Scrubber	PVP SCB 00002	TBD	TBD
PVV	I		
Vessel Vent HEPA primary	PVV HEPA 00001A	TBD	TBD
filters	PVV HEPA 00001B		
Vessel Vent HEPA	PVV HEPA 00002A	TBD	TBD
secondary filters	PVV HEPA 00002B		
Vessel Vent Exhaust fans	PVV FAN 00001A	TBD	TBD
	PVV FAN 00001B		
CNP			
<del>Cesium evaporator</del> <del>Separator Vessel</del>	CNP EVAP 00001	TBD	TBD
Cesium evaporator concentrate reboiler	CNP HX 00001	TBD	TBD
Cesium evaporator nitric acid rectifier column	CNP DISTC 00001	TBD	TBD
Cesium evaporator primary condenser	CNP HX 00002	TBD	TBD
Cesium evaporator inter- condenser	CNP HX 00003	TBD	TBD
Cesium evaporator after- condenser	CNP HX 00004	TBD	TBD

Component Name	Plant Item Number	Inspection	<b>Frequency</b>
LAW Vitrific	ation Plant Miscellaneou	IS Treatment Unit Subsy	<del>/stems</del>
LMP			
LAW Melter 1 LAW Melter 2	LMP MLTR 00001 LMP MLTR 00002	Visual inspection (via cave window or CCTV if provided) for damage, leaks, or abnormalities Inspect melter level monitoring data to prevent overflow	<del>Daily</del>
LOP		1	
Melter 1 and melter 2 submerged bed scrubbers	LOP_SCB_00001 LOP_SCB_00002	TBD	TBD
Melter 1 and melter 2 wet electrostatic precipitators	LOP WESP 00001 LOP WESP 00002	TBD	TBD
Primary/standby film coolers	LOP FCLR 00001 LOP FCLR 00002 LOP FCLR 00003 LOP FCLR 00004	TBD	TBD
LVP			
Melter Offgas Caustic scrubber	LVP SCB 00001	TBD	TBD
Melter Offgas HEPA filters	LVP HEPA 00001A LVP HEPA 00001B LVP HEPA 00002A LVP HEPA 00002B LVP HEPA 00003A	TBD	TBD
Thermal catalytic oxidizer	LVP SCO 00001	TBD	TBD
NO <sub>*</sub> selective catalytic reduction unit	LVP SCR 00001	TBD	TBD
Melter Offgas HEPA Preheaters	LVP HTR 00001A LVP HTR 00001B	TBD	TBD
Catalytic oxidizer electric heater	LVP HTR 00002	TBD	TBD
Catalytic oxidizer heat recovery unit	LVP HX 00001	TBD	TBD
Offgas Mercury Adsorbers	LVP ADBR 0000A1/1B	TBD	TBD
Melter Offgas Exhausters	LVP EXHR 00001A LVP EXHR 00001B LVP EXHR 00001C	TBD	TBÐ

Component Name	Plant Item Number	Inspection	Frequency	
HLW Vitrification Plant Miscellaneous Treatment Unit Subsystems				
HMP				
HLW Melter 1	HMP MLTR 00001	Visual inspection (via cave window or CCTV if provided) for damage,	<del>Daily</del>	
HLW Melter 2	HMP MLTR 00002	leaks, or abnormalities Inspect melter level monitoring data to prevent overflow		
HOP	1			
Submerged Bed Scrubber	HOP_SCB_00001 HOP_SCB_00002	TBD	TBD	
Wet Electrostatic Precipitators (WESP)	HOP WESP 00001 HOP WESP 00002	TBD	TBD	
Thermal Catalytic Oxidizer	HOP SCO 00001 HOP SCO 00004	TBD	TBD	
NOx Selective Catalytic Reduction Units	HOP SCR 00001 HOP SCR 00002	TBD	TBD	
Silver Mordenite Columns	HOP ABS 00002 HOP ABS 00003	TBD	TBD	
HEPA Filters	HOP HEPA 00001A           HOP HEPA 00001B           HOP HEPA 00002A           HOP HEPA 00002B           HOP HEPA 00007A           HOP HEPA 00007B           HOP HEPA 00008A           HOP HEPA 00008B	TBD	ŦBÐ	
Melter Offgas Film Coolers	HOP FCLR 00001/3 HOP FCLR 00002/4	TBD	TBD	
Catalyst Skid Preheaters	HOP HX 00001 HOP HX 00003	TBD	TBD	
HEPA Preheaters	HOP HTR 00001B HOP HTR 00002A HOP HTR 00005A HOP HTR 00005B	TBD	TBD	
Catalyst Skid Electric Heaters	HOP HTR 00007 HOP HTR 00001			
Silver Mordenite Preheaters	HOP HX 00002 HOP HX 00004	TBD	TBD	

Component Name	Plant Item Number	Inspection	<b>Frequency</b>
Stack Extraction Fans	HOP FAN 00008A	TBD	TBD
	HOP FAN 00008B		
	HOP FAN 00008C		
	HOP FAN 00010A		
	HOP FAN 00010B		
	HOP FAN 00010C		
Booster Extraction Fans	HOP FAN 00001A	TBD	TBD
	HOP FAN 00001B		
	HOP FAN 00001C		
	HOP FAN 00009A		
	HOP FAN 00009B		
	HOP FAN 00009C		
Activated Carbon Adsorber	HOP ADBR 00001A	TBD	TBD
	HOP ADBR 00001B		
	HOP ADBR 00002A		
	HOP ADBR 00002B		
High Efficiency Mist	HOP HEME 00001A	TBD	TBD
Eliminators (HEME)	HOP HEME 00001B		
	HOP HEME 00002A		
	HOP HEME 00002B		
₽J¥			L
PJV HEPA Filters	PJV HEPA 00004A	TBD	TBD
	PJV HEPA 00004B		
	PJV HEPA 00005A		
	PJV HEPA 00005B		
Pulse Ventilation HEPA	PJV HTR 00002	TBD	TBD
Electric Preheater			
Pulse Vent Extraction Fans	PJV FAN 00002A	TBD	TBD
	PJV FAN 00002B		
Effluent Management Fa	cility Miscellaneous Tre	atment Unit Subsyste	m <del>s</del>
DEP evaporator separator	DEP EVAP 00001	TBD	TBD
DEP evaporator reboiler	DEP RBLR 00001	TBD	TBD
Evaporator primary	DEP COND 00001	TBD	TBD
<del>condenser</del>			
Evaporator intercondenser	DEP COND 00002	TBD	TBD
Evaporator after condenser	DEP COND 00003	TBD	TBD
Process condensate lga	DEP FILT 00002	TBD	TBD
storage transfer line filter			
Evaporator Feed prefilter	DEP FILT 00003	TBD	TBD

Component Name	Plant Item Number	Inspection	Frequency
Condensate duplex cartridge filter	DEP FILT 00004A DEP FILT 00004B	TBD	TBD
Feed vessel area sump pump filter	DEP FILT 00005	TBD	TBD
Concentrate effluent cooler	DEP HX 00001	TBD	TBD
Process Ventilation primary HEPA	DVP HEPA 00003A DVP HEPA 00003B	TBD	TBD
Process Ventilation secondary HEPA	DVP HEPA 00004A DVP HEPA 00004B	TBD	TBD
Process Ventilation Heater	DVP HTR 00001A/B	TBD	TBD
Process Ventilation Exhauster	DVP EXHR 00001A/B	TBD	TBD

1 2

# Table 6A 7 Example Containment Buildings Inspection Schedule

Component Name	Inspection	Frequency
Containment building	Inspect and record in the operating record data	At least every seven
areas as designated in	gathered from monitoring equipment and leak	days
Chapter 4.0	detection equipment as well as the containment	
	building and the area immediately surrounding the	
	containment building to detect signs of releases of	
	dangerous waste. All areas should be inspected	
	for significant cracks, gaps, corrosion, or other	
	signs of deterioration; look for liquids on floor.	
	Check differential pressure monitoring records to	
	ensure negative pressure in containment building	
	area.	