



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

17-ESQ-0003
REISSUE

NOV 01 2016

Ms. Alexandra K. Smith
Program Manager
Nuclear Waste Program
Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Dear Ms. Smith:

REISSUE – RESPONSE TO DANGEROUS WASTE COMPLIANCE INSPECTION ON NOVEMBER 18, 2015, AT THE T PLANT COMPLEX, RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) SITE ID: WA7890008967, NUCLEAR WASTE PROGRAM COMPLIANCE INDEX NUMBER NO.: 15.549

- References:
- (1) Ecology ltr. to D. S. Shoop, RL, from A. K. Smith, “Notice of Penalty Docket #13631 – T-Plant,” 16-NWP-133, dtd. August 8, 2016.
 - (2) Ecology ltr. to D. S. Shoop, RL, from A. K. Smith, “Administrative Order Docket #13632 – T-Plant,” 16-NWP-132, dtd. August 8, 2016.
 - (3) Ecology ltr. to D. S. Shoop, RL, from A. K. Smith, “Dangerous Waste Compliance Inspection on November 18, 2015 at the T-Plant Complex, RCRA Site ID: WA7890008967, NWP Compliance Index No. 15.549,” 16-NWP-131, dtd. August 8, 2016.

This letter is being reissued because the header listed 16 instead of 17 on pages 2 and 3. The U.S. Department of Energy Richland Operations Office (RL) and CH2M HILL Plateau Remediation Company (CHPRC) have reviewed the items identified as non-compliances with Dangerous Waste Regulations cited by the Washington State Department of Ecology (Ecology). Responses are provided in Enclosure 1, and supporting documentation is found in Enclosures 2, 3, 4, and 5.

On August 8, 2016, Ecology sent two letters to RL and CHPRC, Reference (1) and Reference (2), for not complying with and in violation of the following:

- Chapter 70.105, Revised Code of Washington, Hazardous Waste Management Act.
- Chapter 173-303, Washington Administrative Code, Dangerous Waste Regulations.
- Hanford Facility RCRA Permit, Dangerous Waste Portion Revision 8C WA 7890008967.

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Reference Letters (1), (2), and (3) were officially received on August 16, 2016.

On September 12, 2016, CHPRC officially filed a Notice of Appeal, Case Number 16-107, to the Pollution Control Hearing Board (PCHB) of the State of Washington. A prehearing conference call was conducted on October 4, 2016. The hearing date proposed by PCHB is May 30 through June 2, 2017.

The Administrative Order and Notice of Penalty dealt with the Compliance Inspection Report Non-Compliances Numbers 1, 2, and 3, which will be addressed through the appeal process. This letter addresses Non-Compliance Numbers 4 and 5.

If you have any questions, please contact me, or your staff may contact Jeffrey A. Frey, Assistant Manager for Safety and Environment, on (509) 376-7727.

Sincerely,



Doug S. Shoop
Manager

ESQ:ACM

Enclosures:

1. Responses to Alleged Non-compliances in 16-NWP-131
2. Solid Waste Operations Complex (SWOC) Operations Timely Order
3. Copies of T Plant Inspections for One week
4. Ecology Example Weekly Checklist
5. Copies of four consecutive weeks of T Plants Container Inspections

cc: See page 3

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cc w/encls:

Dave B. Bartus, EPA
Jack L. Boller, EPA
Kathleen A. Conaway, Ecology
Laura J. Cusack, CHPRC
Jerry W. Cammann, MSA
Dennis A Faulk, EPA
Moses N. Jaraysi, CHPRC
Stephanie K. Johansen, CHPRC
Jared W. Mathey, Ecology

John B. Price, Ecology
Kevin Schanilec, EPA
Connie J. Simiele, CHPRC
Ron R. Skinnarland, Ecology
Joel F. Williams Jr, CHPRC
Administrative Record, TSD: TS-2-4 (Hardcopy)
Ecology NWP Library (Hardcopy)
Environmental Portal, G3-35
HF Operating Record (J. K. Perry, MSA A3-01)

cc w/o encls:

Gabriel Bohnee, Nez Perce
Russell Jim, YN
Rod Skeen, CTUI

Enclosure 1
Responses to Alleged Non-Compliances in 16-NWP-131

Non-Compliance 1 (from 16-NWP-131): On September 12, 2016, CHPRC submitted a Notice of Appeal, Case Number 16-107 to the Pollution Control Hearing Board (PCHB) of the State of Washington.

Non-Compliance 2 (from 16-NWP-131): On September 12, 2016, CHPRC submitted a Notice of Appeal, Case Number 16-107 to the PCHB.

Non-Compliance 3 (from 16-NWP-131): On September 12, 2016, CHPRC submitted a Notice of Appeal, Case Number 16-107 to the PCHB.

Non-Compliance 4 (as quoted from 16-NWP-131):

Ecology Reference:

WAC 173-303-400(3), as referenced by the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion Revision SC - Condition I.A Effect of Permit.

WAC 173-303-320(2)(d) The owner or operator must keep an inspection log or summary, including at least the date and time of the inspection, the printed name and the handwritten signature of the inspector, a notation of the observations made, an account of spills or discharges in accordance with WAC 173-303-145, and the date and nature of any repairs or remedial actions taken. The log or summary must be kept at the facility for at least 5 years from the date of inspection.

Observations:

“I observed the following instances where inspection logs did not comply with WAC 173-303-320(2)(d) requirements:

- I observed that the D0-040-001 Appendix A - T-Plant Complex Daily Surveillance Data Sheet inspection logs did not include the printed name of the inspector on the October 1, 2015, October 5, 2015, October 6, 2015, October 7, 2015, October 8, 2015, October 12, 2015, October 13, 2015, October 15, 2015, October 20, 2015, October 21, 2015, October 22, 2015, October 26, 2015, October 27, 2015, and October 28, 2015, inspection logs. Instead, I observed what appears to be the first and middle initial with the printed last name of the inspector on the inspection logs.
- I observed that the D0-040-001 Appendix B - T-Plant Complex Facility Closure Day Surveillance Data Sheet Inspection Logs did not include the printed name of the inspector on the October 2, 2015, October 3, 2015, October 4, 2015, October 23, 2015, October 24, 2015, October 25, 2015, October 30, 2015, and October 31, 2015, Inspection Records. Instead, I observed what appears to be the first initial and sometimes middle initial with the printed last name of the inspector on the inspection logs.
- I observed that the D0-040-001 Appendix C - T-Plant Complex Facility Exit Inspection Data

Sheet inspection logs did not include the printed name of the inspector on the October 1, 2015, October 5, 2015, October 6, 2015, October 7, 2015, October 8, 2015, October 12, 2015, October 13, 2015, October 14, 2015, October 15, 2015, October 20, 2015, October 21, 2015, October 22, 2015, October 26, 2015, October 27, 2015, October 28, 2015, and October 29, 2015, Inspection Logs. Instead, I observed what appears to be the first and sometimes middle initial with the printed last name of the inspector on the inspection logs. I did not observe the time of the inspection on any of the inspection logs for the month of October 2015.

- I observed that the D0-040-020 Appendix A - 2706-T Daily Surveillance Data Sheet did not include the printed name of the inspector on the October 1, 2015, October 12, 2015, October 13, 2015, October 14, 2015, October 15, 2015, October 19, 2015, October 20, 2015, October 21, 2015, October 22, 2015, October 26, 2015, October 27, 2015, October 28, 2015, and October 29, 2015, Inspection Logs. Instead, I observed what appears to be the first initial and in some cases the middle initial with the printed last name of the inspector on the inspection logs.
- I observed that the D0-040-020 Appendix B - 2706-T Facility Closure Day Surveillance Data Sheet did not include the printed name of the inspector on the October 2, 2015, October 3, 2015, October 4, 2015, October 23, 2015, October 24, 2015, October 25, 2015, October 30, 2015, and October 31, 2015, Inspection Logs. Instead, I observed what appears to be the first initial and in some cases the middle initial with the printed last name of the inspector on the inspection logs.
- I observed that the D0-040-020 Appendix C - 2706-T Facility Exit Inspection Data Sheet did not include the printed name of the inspector on the October 1, 2015, October 12, 2015, October 13, 2015, October 14, 2015, October 15, 2015, October 19, 2015, October 20, 2015, October 21, 2015, October 22, 2015, October 26, 2015, October 27, 2015, October 28, 2015, and October 29, 2015, Inspection Logs. Instead, I observed what appears to be the first initial and in some cases the middle initial with the printed last name of the inspector on the inspection logs.
- I observed the D0-040-004 Appendix A - Portable Safety Shower/Eyewash Station Inspection Checklist in 214-T did not include the printed name of the inspector on the October 6, 2015, October 21, 2015, and October 28, 2015, Inspection Logs. Instead, I observed what appears to be the first and sometimes middle initial with the printed last name of the inspector on the inspection logs. I did not observe the time of the inspection on the October 14, 2015, Inspection Log.
- I observed the D0-040-004 Appendix G - Weekly Decon Shower Inspection Checklist did not include the printed name of the inspectors on the October 5, 2015, October 13, 2015, October 21, 2015 and October 29, 2015, Inspection Logs. Instead, I observed what appears to be the first initial and sometimes middle initial with the printed last name of the inspector on the inspection logs.
- I observed the D0-040-004 Appendix I - Weekly 2706-T Complex Fire System Pressure Check inspection logs did not include the printed name of the inspector on the October 1, 2015, October 14, 2015, October 19, 2015, and October 28, 2015, Inspection Logs. Instead, I observed what appears to be the first initial and sometimes middle initial with the printed last name of the inspector on the inspection logs.
- I observed the D0-040-016 Appendix A - T-Plant Weekly Waste Management Area Inspection Data Sheet did not include the printed name of the inspector on the October 5, 2015, October 6, 2015, October 12, 2015, October 13, 2015, October 26, 2015, and October 27, 2015, Inspection

Logs. Instead, I observed what appears to be the first and sometimes middle initial with the printed last name of the inspector on the inspection logs.

- I observed the D0-040-004 Appendix B - Monthly Fire Extinguisher Inspection Checklist were conducted on October 5, 6, and 7, 2015, but I could not determine which fire extinguishers were inspected on specific dates. I did not observe the printed name of all the inspectors on the inspection log. Instead, I observed what appears to be the first and sometimes middle initial with the printed last name of two inspectors with one inspector putting their printed first and last name on the inspection log.
- I observed the D0-040-004 Appendix C - Monthly First Aid Kit/ AED Emergency Medical Bag Inspection Checklist inspections were conducted on October 5, 2015 and October 7, 2015, but I could not determine from the inspection log, the date when specific equipment was inspected. I did not observe the printed name by all of the inspectors on the inspection log. Instead, I observed what appears to be the first initial with the printed last name of the two inspectors on the inspection log.
- I observed the D0-040-004 Appendix D - Monthly Automatic Sprinkler System Inspection Checklist inspections were conducted on October 5, 2015 and October 13, 2015, but I could not determine which parts of the system were inspected on what dates . I did not observe the printed name of the inspectors on the inspection log. Instead, I observed what appears to be the first initial and in the other case, first and middle initial with the printed last name of two inspectors on the inspection log.
 - I observed the D0-040-004 Appendix E - Monthly Emergency Response Cage Inspection Checklist conducted on October 5, 2015, did not contain the printed name of the inspector on the inspection log. Instead, I observed what appears to be the first initial with the printed last name of inspector on the inspection log.
- I observed the D0-040-004 Appendix F - Monthly Communication Equipment Inspection Checklist was conducted on October 5, 2015 and October 7, 2015, but I could not determine the date when particular equipment was inspected on the inspection log. I did not observe the printed name of the inspectors on the inspection log. Instead, I observed what appears to be the first initial with the printed last name of inspectors on the inspection log.”

Action Required:

Immediately upon receipt of this compliance report, RL and CHPRC must include the printed name of inspectors and the date and time of the inspection on inspection logs. Within 60 days of receiving this compliance report, RL and CHPRC must submit 1 week of T-Plant inspection records to Ecology showing a return to compliance with WAC 173-303-320(2)(d) requirements.

RL and CHPRC Response:

As communicated in previous correspondence, RL and CHPRC disagree with the Ecology position that an inspector’s printed family name (last name) with initials for given names is not a WAC 173-303-400(3) compliant representation of the “printed name.” In the records of inspections conducted in October 2015, each inspector printed his/her family name and first initial, which fully identified the individual who performed each inspection. However, as a matter of courtesy and cooperation with Ecology, RL has directed its principal contractors (including CHPRC) to instruct facility inspectors to print their first and last name on future

inspection records. Enclosure 2 is a copy of the Solid Waste Operations Complex (SWOC) Operations Timely Order, “Appropriate Documentation of Printed Name and Signature for Environmental Documentation,” dated July 21, 2016. Enclosure 3 is 1 week of T-Plant inspection records to satisfy the “Action Required” by Ecology.

Non-Compliance 5 (as quoted from 16-NWP-131):

Ecology References:

WAC 173-303-400(3), as referenced by the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion Revision 8C - Condition I.A Effect of Permit.

WAC 173-303-400(3)(c)(viii) “Subpart I use and management of containers.” Section 265.174 is modified by replacing the paragraph with the following: “The owner or operator must inspect areas where containers are stored, at least weekly, looking for leaks and for deterioration caused by corrosion or other factors.”

40 CFR 265.174 Inspections. The owner or operator must inspect areas where containers are stored, at least weekly, looking for leaks and for deterioration caused by corrosion or other factors.

Observation:

“I observed that D0-040-016 Appendix A - T-Plant Weekly Waste Management Area Inspection Data Sheet container inspections for HS-030 and HS-032 Storage Modules in 2706-T Yard were conducted on October 12, 2015, and October 20, 2015, (8 days).”

Action Required:

Immediately upon receipt of this report, RL and CHPRC must perform dangerous waste container inspections at least weekly (at least once every 7 days and not more than 6 calendar days between inspection dates). The inspection record must include notations of any leaking containers and deterioration of dangerous waste containers. Within 60 days of receipt of this compliance report, RL and CHPRC must submit to Ecology 4 weeks of D0-040-016- Appendix A T-Plant Weekly Waste Management Inspection Data Sheets (i.e., weekly dangerous waste container inspections).

RL and CHPRC Response:

As communicated in previous correspondence (16-ESQ-022), RL and CHPRC disagree with the Ecology position that WAC 173-303 provisions requiring waste container inspections “weekly” or “at least weekly” mean inspections must be conducted every 7 days or less. Inspections which are conducted within each calendar week, Monday through Sunday, meet the ordinary English language meaning of the term “weekly.” RL and CHPRC maintain that conducting inspections once in each calendar week is compliant with WAC 173-303 and fully achieves the goal of the inflexible schedule which the inspection report seeks to impose, with the ability to adapt to

contingent circumstances (e.g., inspector illness, weather conditions, emergencies, spills). RL and CHPRC seek to work collaboratively with Ecology to resolve this issue as part of developing the Revision 9 sitewide permit or through other means. In the meantime, RL and CHPRC plan to continue conducting weekly inspections once per calendar week and request that identification of non-compliances related to this issue be tabled on future inspections.

In response to the specific items requested by Ecology, Enclosure 4 is a copy of the Ecology “Weekly Inspection Checklist” that is structured by calendar weeks in a month. There is nothing in the structure of the checklist form or the text that requires two successive inspections to be no more than 7 days apart. Enclosure 5 is copies of the requested 4 weeks of D0-040-016 Appendix A-T Plant Weekly Waste Management Inspection Data Sheets (i.e., weekly dangerous waste container inspections) to satisfy the “Action Required” by Ecology.

July 21, 2016

To: SWOC Operations

From: James R. Brack, Director of Waste Disposition

Subject: Operations Timely Order *WD-16-001 Rev. 0*

Effective Date: July 25, 2016

1. Order Subject:

Appropriate Documentation of Printed Name and Signature for Environmental Documentation

2. Timely Order Justification:

Ecology has expressed concern that the full printed name on Environmental Inspections has not always met the requirements of WAC 173-303. A number of inspection records contain initials or partial initials for the "print" name section on the signature line. As these inspections become part of the facility's legal operating record, the documentation demonstrates that work has been performed as required. Appropriate printed names and signatures are part of demonstrating the completion of work.

CHPRC procedure PRC-PRO-EP-15333, *Environmental Protection Process* provides instruction to document the printed name and handwritten signature of the inspector. This timely order establishes the CHPRC expectations for documenting the full printed name and signatures on Environmental Inspections. These expectations will be applied to SWOC Environmental Inspections.

3. Timely Order:

Datasheets for Environmental Inspections contain a print/signature line for an inspector. The full printed name will consist of First and Last name. The signed name is your official signature, as signing any legal document. Supervisors are responsible for reviewing datasheets to ensure that the printed name and signature meet these expectations.

4. Criteria for Cancellation:

This Timely Order will be reviewed quarterly and remain active until this information has been incorporated into approved work documents or cancelled.

Approved by 
James R. Brack, Director of Waste Disposition

Date 7-21-16

Canceled by _____

Date _____

Perform Daily Surveillance for T Plant Complex

Published Date: 07/28/16

TPLN-PRO-OP-51744

Effective Date: 07/29/16

Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9/12/16

Step No.	Item	Data	Comments
3.3 Pre-Start			
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log.		
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) UNSAT	
3.3.6	REVIEW the previous day's data sheet(s).		
3.3.7	RECORD any open items onto current data sheet.		
3.3.8	RECORD start time of data collection.	0655	
4.2 Surveillance of 221-T Galleries and Head End			
4.2.1	PERFORM surveillance of Operating Gallery, Sections 18, 19, and 20.		
	a. TEST annunciator alarms and lights, panel # I-AP-O-18-282 in Room 218, using Alarm Panel Test Data Sheet No. 1.	(SAT) UNSAT	
	b. ENSURE alarms have been acknowledged and reset.	(SAT) UNSAT	
	c. VERIFY the following procedures match the current revision listed on the procedures webpage and REPLACE if needed: ARP-D-463-00003, Respond to Operating Gallery, Section 18 Alarms ARP-D-463-00005, Respond to Operating Gallery, Section 5 Alarms ARP-D-463-00009, Respond to 291-T Facility Alarms ARP-D-463-00010, Respond to Stack Monitoring Cabinet Alarms	(SAT) UNSAT	
4.2.2	PERFORM surveillance of Operating Gallery, Section 13.		
	a. NOTIFY Operations Supervisor or 221-T, Room 218 personnel that cell leak detection alarms will activate during testing of the cell leak detector alarm panels in the operating gallery.	(SAT) UNSAT	
	b. TEST cell 15L leak detector panel (I-CP-O-13-281) and VERIFY "LEAK" and "HIGH" alarm lights activate.	(SAT) UNSAT	
	c. TEST cell 13L leak detector panel (I-CP-O-13-280) and VERIFY "LEAK" and "HIGH" alarm lights activate.	(SAT) UNSAT	

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Effective Date: 07/29/16

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Step No.	Item	Data	Comments
4.2.3	PERFORM surveillance of Operating Gallery, Section 11.		
	a. VERIFY rotameter (I-FI-O11-396) setting and ADJUST to between 0.8 and 1.2 SCFH, if needed.	SCFH 1.0	
	b. RECORD tank 11-R liquid level using indicator I-WFR-O11-396 in Section 11 (operating limit: 75% or 10,507 gal). <i>Readings between -2.0% and 2.0% equates to 0.0% due to inherent instrument uncertainty.</i>	11-R 0 %	
4.2.4	PERFORM surveillance of Operating Gallery, Section 10.		
	a. TEST cell 10L leak detector panel (I-CP-O-10-279).	SAT / UNSAT	
	b. VERIFY "LEAK" and "HIGH" alarm lights activate.	SAT UNSAT	
4.2.5	PERFORM surveillance of Operating Gallery, Section 5.		
	a. VERIFY rotameters settings and ADJUST to between 0.8 and 1.2 SCFH, if needed.		
		FI 5-6 SCFH 1.0	
		FI 5-9 SCFH 1.0	
		FI 5-7 SCFH 1.0	
		FI 5-8 SCFH 1.0	
	b. RECORD 5-6, 5-7, 5-8, and 5-9 Liquid Level at Section 5 Board, Operating Gallery. <i>Readings between -1.0% and 1.0% equates to 0.0% due to inherent instrument uncertainty.</i>		
	(Operating limit: 75% or 3,808 gal)	5-6 0 % -0.6	
	(Operating limit: 70% or 7,032 gal)	5-7 0 % -0.6	
	(Operating limit: 0% or 0 gal)	5-8 0 % -0.5	
(Operating limit: 75% or 3,620 gal)	5-9 0 % -0.4		

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Step No.	Item	Data	Comments
c.	CONVERT according to formula:		
	11R (Reading) x 140.1	5-7 (Reading) x 100.5	
	5-6 (Reading) x 50.77	5-9 (Reading) x 48.27	
	Tank	Reading	Multiply
	11R	0	x 140.1 =
	5-6	0	x 50.77 =
	5-7	0	x 100.5 =
	5-9	0	x 48.27 =
d.	ADD the total gallons of liquid inventory:	TOTAL	0 Gal
e.	RECORD time tank readings taken:	0715	
f.	RECORD previous days tank readings and NOTIFY Operations Supervisor of any change (increase or decrease) of 1.0% or greater from last shift's reading.	Limits	Previous Day's Reading
		75% or 10,507 gal R	11 0 %
		75% or 3,808 gal	5 6 0 %
		70% or 7,032 gal	5 7 0 %
		0% or 0 gal	5 8 0 %
		75% or 3,620 gal	5 9 0 %
g.	IF tanks and/or sump exceed the normal operating limits, THEN NOTIFY Operations Supervisor.		
h.	TEST 5 Board Local Annunciator panel lights and horn using Alarm Panel Test Data Sheet No. 2	(SAT) UNSAT	
i.	VERIFY there is a current copy of ARP-D-463-00005, Respond to Operating Gallery, Section 5 Alarms, located near panel AND REPLACE if needed.	(SAT) UNSAT	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9, 12, 16

Step No.	Item	Data	Comments
4.2.6	PERFORM surveillance of Operating Gallery, Section 3.		
	a. TEST cell 3L leak detector panel (I-CP-O-03-278).	(SAT) / UNSAT	
	b. VERIFY "LEAK" and "HIGH" alarm lights activate.		
4.2.7	PERFORM surveillance of Electrical Gallery.		
	a. INSPECT sumps in Electrical Gallery.		
	b. RECORD any sumps that contain water and the approximate volume in "Inspection Findings" section.	(SAT) / UNSAT	
	c. PERFORM waste water system surveillance:		
	• RECORD Pump hand switch position for switch "Catch Tank D-XX-E-11-012, Pump D-XX-E-11-011" on panel IP-CT-221T.	HAND / AUTO / (OFF)	
	• RECORD Pump hand switch position for switch "Catch Tank D-XX-E-11-015, Pump D-XX-E-11-014" on panel IP-CT-221T.	HAND / AUTO / (OFF)	
	• RECORD STOP or RUN illuminated indicator for "Catch Tank D-XX-E-11-012, Pump D-XX-E-11-011" on panel IP-CT-221T.	(STOP) / RUN	
	• RECORD STOP or RUN illuminated indicator for "Catch Tank D-XX-E-11-015, Pump D-XX-E-11-014" on panel IP-CT-221T.	(STOP) / RUN	
	• Tank sight glass # D-XX-E-11-232 level below minimum pump out level? (Tank 015)	(SAT) / UNSAT	
	• Tank sight glass # D-XX-E-11-229 level below minimum pump out level? (Tank 012)	(SAT) / UNSAT	
d. Notify Operations Supervisor and note conditions in comments if level is above minimum pump out level.			
4.2.8	INSPECT overall housekeeping of 221-T galleries and head end and NOTE off normal items in "Inspection Findings" section.	SAT (UNSAT) (1) (2)	
4.3 Perform Surveillance of 271-T			
4.3.1	PERFORM surveillance of 271-T basement for evidence of leaks	(SAT) / UNSAT	
4.3.2	INSPECT overall housekeeping of all floors and RECORD any other off-normal items in Inspection Findings section.	(SAT) / UNSAT	
4.3.3	INSPECT overall housekeeping of 271-T loading dock and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	

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Step No.	Item	Data	Comments
4.3.4	ENSURE egress passageways are not obstructed.	(SAT) UNSAT	
4.4 Perform Surveillance of Outside Buildings / Areas			
4.4.1	PERFORM surveillance of 211-T.		
	a. INSPECT overall housekeeping of 211-T and RECORD any condensation, leaks, or other off normal items in Inspection Findings section.	(SAT) UNSAT	
	b. INSPECT 211-T sump for presence of liquids and debris and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
	c. IF liquid is detected in secondary containment, THEN CONTACT Operations Supervisor and ECO.	(SAT) UNSAT	
4.4.2	PERFORM surveillance of 214-T.		
	a. INSPECT overall housekeeping and RECORD any condensation, leaks, or other off-normal items in Inspection Findings section.	(SAT) UNSAT	
	b. INSPECT 214-T sumps for presence of liquids and debris and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
	c. IF liquid is detected in secondary containment, THEN CONTACT Operations Supervisor and ECO.	(SAT) UNSAT	
	c. ENSURE egress passageways are not obstructed.	(SAT) UNSAT	
4.4.3	PERFORM surveillance of Tunnel entrance area.		
	a. INSPECT overall housekeeping of tunnel area and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
	b. ENSURE egress passageways are not obstructed.	(SAT) UNSAT	
4.4.4	PERFORM surveillance of 277-T.		
	a. INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
	b. ENSURE egress passageways are not obstructed.	(SAT) UNSAT	

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Step No.	Item	Data	Comments
4.4.5	PERFORM surveillance of 291-T.		
a.	INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
b.	VERIFY there is a current copy of the following procedures inside the Stack Monitoring Instrument Cabinet # I-RM-291T-284;		
	1) ARP-D-463-00009, Respond to 291-T Alarms AND REPLACE if needed.	(SAT) / UNSAT	
	2) ARP-D-463-00010, Respond to Stack Monitoring Cabinet Alarms AND REPLACE if needed.	(SAT) / UNSAT	
c.	NOTIFY Operations Supervisor or 221-T, Room 218 personnel the stack monitor system fail alarm in Section 18 will activate during the stack monitor annunciator test.		
d.	TEST the 291T Stack Monitoring alarms at Annunciator Panel # I-RM-291T-312 (inside Stack Monitoring Instrument Cabinet # I-RM-291T-284), COMPLETE Alarm Panel Test Data Sheet No. 3 of Appendix A, AND VERIFY stack monitoring alarm was received in Section 18.	(SAT) / UNSAT	
e.	ENSURE all alarms have been acknowledged and reset.	(SAT) / UNSAT	
4.4.6	PERFORM surveillance of 225-WA area.		
a.	INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
b.	ENSURE pump breakers set to ON and hand switch set to OFF: (system is in manual mode)		
	E-XX-225WA-211	(SAT) / UNSAT	
	E-XX-225WA-212	(SAT) / UNSAT	
c.	VERIFY liquid level of 225-WA sump more than 2 ft below sump cover. <i>This is not a measured value; it is an approximated or "eyeballed" estimate.</i>	(SAT) / UNSAT	
d.	NOTIFY Operations Supervisor if liquid level is less than 2 ft from sump cover.		
4.4.7	RECORD end time of data collection.	0950	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9/12/16

Step No.	Item	Data	Comments
4.4.8	TURN IN and REVIEW completed data sheet with Operations Supervisor.	SAT / UNSAT	
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
① Lights Out: - Ops / Head End - 20(4), 11, Head End Hall(5), HE-1 - Pipe - 14, 9, 7, 6 - Elec - 11		① NOTIFIED MAINT. FWS FOR LIGHTS OUT. NEED RCT SUPPORT TO PERFORM. AM 9/12/16 HARD SCHEDULED FOR WEEK OF 9/19/16	
② Please use the Handrail Sign Stairwell 19, Pipe		② SIGN HAS BEEN RE-INSTALLED. WILL NEED TO BE MADE. AM 9/12/16	
OPEN ITEMS		DISPOSITION	

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date: 9/12/16

Operations Supervisor: Andy mix
 Signature: Andy mix
 Date: 9/12/16

Perform Daily Surveillance for T Plant Complex

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 1

Date: 9/12/16

Section 18 Annunciator Panel # I-AP-O-18-282 Check

<p>SUMP 5-8 HIGH</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>Comments:</p>
<p>TANK 5-7 NEAR OVERFLOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>TANK 5-7 OVER NORMAL LIMIT</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SYSTEM FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-3L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>HIGH BETA</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-10L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>HIGH ALPHA</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-13L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>291-T TROUBLE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-15L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>CANYON HIGH DP</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 2

Section 5 Annunciator Panel Check

Date: 9/12/16

HORN TEST Audible Work YES/NO Off-Normal YES/NO	Comments:
SUMP 5-8 HIGH LIQUID LEVEL Lights Work YES/NO Off-Normal YES/NO	
TANK 5-7 NEAR OVERFLOW Lights Work YES/NO Off-Normal YES/NO	
TANK 5-7 OVER NORMAL LIMITS Lights Work YES/NO Off-Normal YES/NO	

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 3

Stack Monitoring Instrument Cabinet Annunciator Panel # I-RM-291T-312 (inside Stack Monitoring Instrument Cabinet # I-RM-291T-284) Check

Date: 9, 12, 16

<p>CABINET TEMPERATURE LOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	<p>Comments:</p>
<p>CABINET TEMPERATURE HIGH</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>RECORD SAMPLE LOW FLOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>BETA FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>ALPHA FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	

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Effective Date: 07/29/16

Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9/13/16

Step No.	Item	Data	Comments
3.3 Pre-Start			
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log.		
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) UNSAT	
3.3.6	REVIEW the previous day's data sheet(s).		
3.3.7	RECORD any open items onto current data sheet.		
3.3.8	RECORD start time of data collection.	0630	
4.2 Surveillance of 221-T Galleries and Head End			
4.2.1	PERFORM surveillance of Operating Gallery, Sections 18, 19, and 20.		
a.	TEST annunciator alarms and lights, panel # I-AP-O-18-282 in Room 218, using Alarm Panel Test Data Sheet No. 1.	(SAT) UNSAT	
b.	ENSURE alarms have been acknowledged and reset.	(SAT) UNSAT	
c.	VERIFY the following procedures match the current revision listed on the procedures webpage and REPLACE if needed: ARP-D-463-00003, Respond to Operating Gallery, Section 18 Alarms ARP-D-463-00005, Respond to Operating Gallery, Section 5 Alarms ARP-D-463-00009, Respond to 291-T Facility Alarms ARP-D-463-00010, Respond to Stack Monitoring Cabinet Alarms	(SAT) UNSAT	
4.2.2	PERFORM surveillance of Operating Gallery, Section 13.		
a.	NOTIFY Operations Supervisor or 221-T, Room 218 personnel that cell leak detection alarms will activate during testing of the cell leak detector alarm panels in the operating gallery.	(SAT) UNSAT	
b.	TEST cell 15L leak detector panel (I-CP-O-13-281) and VERIFY "LEAK" and "HIGH" alarm lights activate.	(SAT) UNSAT	
c.	TEST cell 13L leak detector panel (I-CP-O-13-280) and VERIFY "LEAK" and "HIGH" alarm lights activate.	(SAT) UNSAT	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

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Step No.	Item	Data	Comments
4.2.3	PERFORM surveillance of Operating Gallery, Section 11.		
	a. VERIFY rotameter (I-FI-O11-396) setting and ADJUST to between 0.8 and 1.2 SCFH, if needed.	SCFH <u>1.0</u>	
	b. RECORD tank 11-R liquid level using indicator I-WFR-O11-396 in Section 11 (operating limit: 75% or 10,507 gal). <i>Readings between -2.0% and 2.0% equates to 0.0% due to inherent instrument uncertainty.</i>	11-R <u>0</u> %	
4.2.4	PERFORM surveillance of Operating Gallery, Section 10.		
	a. TEST cell 10L leak detector panel (I-CP-O-10-279).	(SAT) / UNSAT	
	b. VERIFY "LEAK" and "HIGH" alarm lights activate.	(SAT) / UNSAT	
4.2.5	PERFORM surveillance of Operating Gallery, Section 5.		
	a. VERIFY rotameters settings and ADJUST to between 0.8 and 1.2 SCFH, if needed.		
		FI 5-6 SCFH <u>1.0</u>	
		FI 5-9 SCFH <u>1.0</u>	
		FI 5-7 SCFH <u>1.0</u>	
		FI 5-8 SCFH <u>1.0</u>	
	b. RECORD 5-6, 5-7, 5-8, and 5-9 Liquid Level at Section 5 Board, Operating Gallery. <i>Readings between -1.0% and 1.0% equates to 0.0% due to inherent instrument uncertainty.</i>		
	(Operating limit: 75% or 3,808 gal)	5-6 <u>0</u> % <u>-0.6</u>	
	(Operating limit: 70% or 7,032 gal)	5-7 <u>0</u> % <u>-0.6</u>	
	(Operating limit: 0% or 0 gal)	5-8 <u>0</u> % <u>-0.5</u>	
(Operating limit: 75% or 3,620 gal)	5-9 <u>0</u> % <u>-0.4</u>		

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9/13/16

Step No.	Item	Data	Comments																		
	c. CONVERT according to formula: 11R (Reading) x 140.1 5-6 (Reading) x 50.77 <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Tank</th> <th>Reading</th> <th>Multiply</th> </tr> </thead> <tbody> <tr> <td>11R</td> <td>0</td> <td>x 140.1 =</td> </tr> <tr> <td>5-6</td> <td>0</td> <td>x 50.77 =</td> </tr> <tr> <td>5-7</td> <td>0</td> <td>x 100.5 =</td> </tr> <tr> <td>5-9</td> <td>0</td> <td>x 48.27 =</td> </tr> </tbody> </table>	Tank	Reading	Multiply	11R	0	x 140.1 =	5-6	0	x 50.77 =	5-7	0	x 100.5 =	5-9	0	x 48.27 =					
Tank	Reading	Multiply																			
11R	0	x 140.1 =																			
5-6	0	x 50.77 =																			
5-7	0	x 100.5 =																			
5-9	0	x 48.27 =																			
	d. ADD the total gallons of liquid inventory:	TOTAL	0 Gal																		
	e. RECORD time tank readings taken:	0650																			
	f. RECORD previous days tank readings and NOTIFY Operations Supervisor of any change (increase or decrease) of 1.0% or greater from last shift's reading.	<table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">Limits</th> <th>Previous Day's Reading</th> </tr> </thead> <tbody> <tr> <td>75% or 10,507 gal R</td> <td>11</td> <td>0 %</td> </tr> <tr> <td>75% or 3,808 gal</td> <td>5 6</td> <td>0 %</td> </tr> <tr> <td>70% or 7,032 gal</td> <td>5 7</td> <td>0 %</td> </tr> <tr> <td>0% or 0 gal</td> <td>5 8</td> <td>0 %</td> </tr> <tr> <td>75% or 3,620 gal</td> <td>5 9</td> <td>0 %</td> </tr> </tbody> </table>	Limits		Previous Day's Reading	75% or 10,507 gal R	11	0 %	75% or 3,808 gal	5 6	0 %	70% or 7,032 gal	5 7	0 %	0% or 0 gal	5 8	0 %	75% or 3,620 gal	5 9	0 %	
Limits		Previous Day's Reading																			
75% or 10,507 gal R	11	0 %																			
75% or 3,808 gal	5 6	0 %																			
70% or 7,032 gal	5 7	0 %																			
0% or 0 gal	5 8	0 %																			
75% or 3,620 gal	5 9	0 %																			
	g. IF tanks and/or sump exceed the normal operating limits, THEN NOTIFY Operations Supervisor.																				
	h. TEST 5 Board Local Annunciator panel lights and horn using Alarm Panel Test Data Sheet No. 2	(SAT) UNSAT																			
	i. VERIFY there is a current copy of ARP-D-463-00005, Respond to Operating Gallery, Section 5 Alarms, located near panel AND REPLACE if needed.	(SAT) UNSAT																			

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

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Step No.	Item	Data	Comments
4.2.6	PERFORM surveillance of Operating Gallery, Section 3.		
	a. TEST cell 3L leak detector panel (I-CP-O-03-278).	SAT / UNSAT	
	b. VERIFY "LEAK" and "HIGH" alarm lights activate.		
4.2.7	PERFORM surveillance of Electrical Gallery.		
	a. INSPECT sumps in Electrical Gallery.	SAT / UNSAT	
	b. RECORD any sumps that contain water and the approximate volume in "Inspection Findings" section.		
	c. PERFORM waste water system surveillance:		
	• RECORD Pump hand switch position for switch "Catch Tank D-XX-E-11-012, Pump D-XX-E-11-011" on panel IP-CT-221T.	HAND / AUTO / OFF	
	• RECORD Pump hand switch position for switch "Catch Tank D-XX-E-11-015, Pump D-XX-E-11-014" on panel IP-CT-221T.	HAND / AUTO / OFF	
	• RECORD STOP or RUN illuminated indicator for "Catch Tank D-XX-E-11-012, Pump D-XX-E-11-011" on panel IP-CT-221T.	STOP / RUN	
	• RECORD STOP or RUN illuminated indicator for "Catch Tank D-XX-E-11-015, Pump D-XX-E-11-014" on panel IP-CT-221T.	STOP / RUN	
	• Tank sight glass # D-XX-E-11-232 level below minimum pump out level? (Tank 015)	SAT / UNSAT	
• Tank sight glass # D-XX-E-11-229 level below minimum pump out level? (Tank 012)	SAT / UNSAT		
d. Notify Operations Supervisor and note conditions in comments if level is above minimum pump out level.			
4.2.8	INSPECT overall housekeeping of 221-T galleries and head end and NOTE off normal items in "Inspection Findings" section.	SAT UNSAT	112
4.3 Perform Surveillance of 271-T			
4.3.1	PERFORM surveillance of 271-T basement for evidence of leaks	SAT / UNSAT	
4.3.2	INSPECT overall housekeeping of all floors and RECORD any other off-normal items in Inspection Findings section.	SAT / UNSAT	
4.3.3	INSPECT overall housekeeping of 271-T loading dock and RECORD any off-normal items in Inspection Findings section.	SAT / UNSAT	

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Step No.	Item	Data	Comments
4.3.4	ENSURE egress passageways are not obstructed.	(SAT) UNSAT	
4.4 Perform Surveillance of Outside Buildings / Areas			
4.4.1	PERFORM surveillance of 211-T.		
	a. INSPECT overall housekeeping of 211-T and RECORD any condensation, leaks, or other off normal items in Inspection Findings section.	(SAT) UNSAT	
	b. INSPECT 211-T sump for presence of liquids and debris and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
	c. IF liquid is detected in secondary containment, THEN CONTACT Operations Supervisor and ECO.	(SAT) UNSAT	
4.4.2	PERFORM surveillance of 214-T.		
	a. INSPECT overall housekeeping and RECORD any condensation, leaks, or other off-normal items in Inspection Findings section.	(SAT) UNSAT	
	b. INSPECT 214-T sumps for presence of liquids and debris and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
	c. IF liquid is detected in secondary containment, THEN CONTACT Operations Supervisor and ECO.	(SAT) UNSAT	
	c. ENSURE egress passageways are not obstructed.	(SAT) UNSAT	
4.4.3	PERFORM surveillance of Tunnel entrance area.		
	a. INSPECT overall housekeeping of tunnel area and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
	b. ENSURE egress passageways are not obstructed.	(SAT) UNSAT	
4.4.4	PERFORM surveillance of 277-T.		
	a. INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
	b. ENSURE egress passageways are not obstructed.	(SAT) UNSAT	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9 / 13 / 16

Step No.	Item	Data	Comments
4.4.5	PERFORM surveillance of 291-T.		
a.	INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
b.	VERIFY there is a current copy of the following procedures inside the Stack Monitoring Instrument Cabinet # I-RM-291T-284;		
	1) ARP-D-463-00009, Respond to 291-T Alarms AND REPLACE if needed.	(SAT) UNSAT	
	2) ARP-D-463-00010, Respond to Stack Monitoring Cabinet Alarms AND REPLACE if needed.	(SAT) UNSAT	
c.	NOTIFY Operations Supervisor or 221-T, Room 218 personnel the stack monitor system fail alarm in Section 18 will activate during the stack monitor annunciator test.		
d.	TEST the 291T Stack Monitoring alarms at Annunciator Panel # I-RM-291T-312 (inside Stack Monitoring Instrument Cabinet # I-RM-291T-284), COMPLETE Alarm Panel Test Data Sheet No. 3 of Appendix A, AND VERIFY stack monitoring alarm was received in Section 18.	(SAT) UNSAT	
e.	ENSURE all alarms have been acknowledged and reset.	(SAT) UNSAT	
4.4.6	PERFORM surveillance of 225-WA area.		
a.	INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) UNSAT	
b.	ENSURE pump breakers set to ON and hand switch set to OFF: (system is in manual mode)		
	E-XX-225WA-211	(SAT) UNSAT	
	E-XX-225WA-212	(SAT) UNSAT	
c.	VERIFY liquid level of 225-WA sump more than 2 ft below sump cover. <i>This is not a measured value; it is an approximated or "eyeballed" estimate.</i>	(SAT) UNSAT	
d.	NOTIFY Operations Supervisor if liquid level is less than 2 ft from sump cover.		
4.4.7	RECORD end time of data collection.	0920	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9/13/16

Step No.	Item	Data	Comments
4.4.8	TURN IN and REVIEW completed data sheet with Operations Supervisor.	(SAT) UNSAT	
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
① Lights Out: - Ops. / Head End Hall (5), HE-1, 11, 20 (4) - Pipe / 14, 9, 7, 6, Men's Change Rm. - Elec. / 11		① LIGHTS OUT HAS BEEN HARD SCHEDULED FOR 9/21/16 WITH ELECTRICIANS AND RCT'S. AM 9/15/16	
② Please Use Handrail Sign-OFF Stairwells 19, 3		② SIGN PAINTER HAS RE-INSTALLED THESE SIGNS. AM 9/13/16	
OPEN ITEMS		DISPOSITION	

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date: 9/13/16

Operations Supervisor: Andy MIA
 Signature: Andy MIA
 Date: 9/13/16

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 1

Date: 9/13/16

Section 18 Annunciator Panel # I-AP-O-18-282 Check

<p>SUMP 5-8 HIGH</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>Comments:</p>
<p>TANK 5-7 NEAR OVERFLOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>TANK 5-7 OVER NORMAL LIMIT</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SYSTEM FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-3L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>HIGH BETA</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-10L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>HIGH ALPHA</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-13L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>291-T TROUBLE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-15L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>CANYON HIGH DP</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 2

Section 5 Annunciator Panel Check

Date: 9, 13, 16

HORN TEST Audible Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal YES / <input checked="" type="radio"/> NO	Comments:
SUMP 5-8 HIGH LIQUID LEVEL Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal YES / <input checked="" type="radio"/> NO	
TANK 5-7 NEAR OVERFLOW Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal YES / <input checked="" type="radio"/> NO	
TANK 5-7 OVER NORMAL LIMITS Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal YES / <input checked="" type="radio"/> NO	

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 3

Stack Monitoring Instrument Cabinet Annunciator Panel # I-RM-291T-312 (inside Stack Monitoring Instrument Cabinet # I-RM-291T-284) Check

Date: 9/13/16

<p>CABINET TEMPERATURE LOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	<p>Comments:</p>
<p>CABINET TEMPERATURE HIGH</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>RECORD SAMPLE LOW FLOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>BETA FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>ALPHA FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9/14/16

Step No.	Item	Data	Comments
3.3 Pre-Start			
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log.		
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) / UNSAT	
3.3.6	REVIEW the previous day's data sheet(s).		
3.3.7	RECORD any open items onto current data sheet.		
3.3.8	RECORD start time of data collection.	0630	
4.2 Surveillance of 221-T Galleries and Head End			
4.2.1	PERFORM surveillance of Operating Gallery, Sections 18, 19, and 20.		
a.	TEST annunciator alarms and lights, panel # I-AP-O-18-282 in Room 218, using Alarm Panel Test Data Sheet No. 1.	(SAT) / UNSAT	
b.	ENSURE alarms have been acknowledged and reset.	(SAT) / UNSAT	
c.	VERIFY the following procedures match the current revision listed on the procedures webpage and REPLACE if needed: ARP-D-463-00003, Respond to Operating Gallery, Section 18 Alarms ARP-D-463-00005, Respond to Operating Gallery, Section 5 Alarms ARP-D-463-00009, Respond to 291-T Facility Alarms ARP-D-463-00010, Respond to Stack Monitoring Cabinet Alarms	(SAT) / UNSAT	
4.2.2	PERFORM surveillance of Operating Gallery, Section 13.		
a.	NOTIFY Operations Supervisor or 221-T, Room 218 personnel that cell leak detection alarms will activate during testing of the cell leak detector alarm panels in the operating gallery.	(SAT) / UNSAT	
b.	TEST cell 15L leak detector panel (I-CP-O-13-281) and VERIFY "LEAK" and "HIGH" alarm lights activate.	(SAT) / UNSAT	
c.	TEST cell 13L leak detector panel (I-CP-O-13-280) and VERIFY "LEAK" and "HIGH" alarm lights activate.	(SAT) / UNSAT	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

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Step No.	Item	Data	Comments
4.2.3	PERFORM surveillance of Operating Gallery, Section 11.		
	a. VERIFY rotameter (I-FI-O11-396) setting and ADJUST to between 0.8 and 1.2 SCFH, if needed.	SCFH 1.0	
	b. RECORD tank 11-R liquid level using indicator I-WFR-O11-396 in Section 11 (operating limit: 75% or 10,507 gal). <i>Readings between -2.0% and 2.0% equates to 0.0% due to inherent instrument uncertainty.</i>	11-R 0 %	
4.2.4	PERFORM surveillance of Operating Gallery, Section 10.		
	a. TEST cell 10L leak detector panel (I-CP-O-10-279).	SAT / UNSAT	
	b. VERIFY "LEAK" and "HIGH" alarm lights activate.	SAT / UNSAT	
4.2.5	PERFORM surveillance of Operating Gallery, Section 5.		
	a. VERIFY rotameters settings and ADJUST to between 0.8 and 1.2 SCFH, if needed.		
	FI 5-6	SCFH 1.0	
	FI 5-9	SCFH 1.0	
	FI 5-7	SCFH 1.0	
	FI 5-8	SCFH 1.0	
	b. RECORD 5-6, 5-7, 5-8, and 5-9 Liquid Level at Section 5 Board, Operating Gallery. <i>Readings between -1.0% and 1.0% equates to 0.0% due to inherent instrument uncertainty.</i>		
	(Operating limit: 75% or 3,808 gal) 5-6	0 %	-0.6
	(Operating limit: 70% or 7,032 gal) 5-7	0 %	-0.6
	(Operating limit: 0% or 0 gal) 5-8	0 %	-0.5
	(Operating limit: 75% or 3,620 gal) 5-9	0 %	-0.4

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

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Step No.	Item	Data	Comments
4.2.6	PERFORM surveillance of Operating Gallery, Section 3.		
	a. TEST cell 3L leak detector panel (I-CP-O-03-278).	(SAT) / UNSAT	
	b. VERIFY "LEAK" and "HIGH" alarm lights activate.		
4.2.7	PERFORM surveillance of Electrical Gallery.		
	a. INSPECT sumps in Electrical Gallery.		
	b. RECORD any sumps that contain water and the approximate volume in "Inspection Findings" section.	(SAT) / UNSAT	
	c. PERFORM waste water system surveillance:		
	• RECORD Pump hand switch position for switch "Catch Tank D-XX-E-11-012, Pump D-XX-E-11-011" on panel IP-CT-221T.	HAND / AUTO / (OFF)	
	• RECORD Pump hand switch position for switch "Catch Tank D-XX-E-11-015, Pump D-XX-E-11-014" on panel IP-CT-221T.	HAND / AUTO / (OFF)	
	• RECORD STOP or RUN illuminated indicator for "Catch Tank D-XX-E-11-012, Pump D-XX-E-11-011" on panel IP-CT-221T.	(STOP) / RUN	
	• RECORD STOP or RUN illuminated indicator for "Catch Tank D-XX-E-11-015, Pump D-XX-E-11-014" on panel IP-CT-221T.	(STOP) / RUN	
	• Tank sight glass # D-XX-E-11-232 level below minimum pump out level? (Tank 015)	(SAT) / UNSAT	
	• Tank sight glass # D-XX-E-11-229 level below minimum pump out level? (Tank 012)	(SAT) / UNSAT	
	d. Notify Operations Supervisor and note conditions in comments if level is above minimum pump out level.		
4.2.8	INSPECT overall housekeeping of 221-T galleries and head end and NOTE off normal items in "Inspection Findings" section.	SAT / (UNSAT)	(1)
4.3 Perform Surveillance of 271-T			
4.3.1	PERFORM surveillance of 271-T basement for evidence of leaks	(SAT) / UNSAT	
4.3.2	INSPECT overall housekeeping of all floors and RECORD any other off-normal items in Inspection Findings section.	(SAT) / UNSAT	
4.3.3	INSPECT overall housekeeping of 271-T loading dock and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	

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Step No.	Item	Data	Comments
4.3.4	ENSURE egress passageways are not obstructed.	(SAT) UNSAT	
4.4 Perform Surveillance of Outside Buildings / Areas			
4.4.1	PERFORM surveillance of 211-T.		
	a. INSPECT overall housekeeping of 211-T and RECORD any condensation, leaks, or other off normal items in Inspection Findings section.	(SAT) / UNSAT	
	b. INSPECT 211-T sump for presence of liquids and debris and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	c. IF liquid is detected in secondary containment, THEN CONTACT Operations Supervisor and ECO.	(SAT) / UNSAT	
4.4.2	PERFORM surveillance of 214-T.		
	a. INSPECT overall housekeeping and RECORD any condensation, leaks, or other off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	b. INSPECT 214-T sumps for presence of liquids and debris and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	c. IF liquid is detected in secondary containment, THEN CONTACT Operations Supervisor and ECO.	(SAT) / UNSAT	
	c. ENSURE egress passageways are not obstructed.	(SAT) UNSAT	
4.4.3	PERFORM surveillance of Tunnel entrance area.		
	a. INSPECT overall housekeeping of tunnel area and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	b. ENSURE egress passageways are not obstructed.	(SAT) / UNSAT	
4.4.4	PERFORM surveillance of 277-T.		
	a. INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	b. ENSURE egress passageways are not obstructed.	(SAT) / UNSAT	

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Step No.	Item	Data	Comments
4.4.5	PERFORM surveillance of 291-T.		
a.	INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
b.	VERIFY there is a current copy of the following procedures inside the Stack Monitoring Instrument Cabinet # I-RM-291T-284;		
	1) ARP-D-463-00009, Respond to 291-T Alarms AND REPLACE if needed.	(SAT) / UNSAT	
	2) ARP-D-463-00010, Respond to Stack Monitoring Cabinet Alarms AND REPLACE if needed.	(SAT) / UNSAT	
c.	NOTIFY Operations Supervisor or 221-T, Room 218 personnel the stack monitor system fail alarm in Section 18 will activate during the stack monitor annunciator test.		
d.	TEST the 291T Stack Monitoring alarms at Annunciator Panel # I-RM-291T-312 (inside Stack Monitoring Instrument Cabinet # I-RM-291T-284), COMPLETE Alarm Panel Test Data Sheet No. 3 of Appendix A, AND VERIFY stack monitoring alarm was received in Section 18.	(SAT) / UNSAT	
e.	ENSURE all alarms have been acknowledged and reset.	(SAT) / UNSAT	
4.4.6	PERFORM surveillance of 225-WA area.		
a.	INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
b.	ENSURE pump breakers set to ON and hand switch set to OFF: (system is in manual mode)		
	E-XX-225WA-211	(SAT) / UNSAT	
	E-XX-225WA-212	(SAT) / UNSAT	
c.	VERIFY liquid level of 225-WA sump more than 2 ft below sump cover. <i>This is not a measured value; it is an approximated or "eyeballed" estimate.</i>	(SAT) / UNSAT	
d.	NOTIFY Operations Supervisor if liquid level is less than 2 ft from sump cover.		
4.4.7	RECORD end time of data collection.	0915	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9, 14, 16

Step No.	Item	Data	Comments
4.4.8	TURN IN and REVIEW completed data sheet with Operations Supervisor.	(SAT) / UNSAT	
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
① Lights Out: Ops - HEI, Head End Hall (5), 2, 11, 17, 20 (4) Pipe - Meins Change Rm, 14, 9, 7, 6 EYE - 11		① HARD SCHEDULED FOR THE WEEK OF 9/14/16 9/16/16 9/19/16 for 9/14/16	
OPEN ITEMS		DISPOSITION	

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date: 9-14-16

Operations Supervisor: Amy MEX
 Signature: Amy MEX
 Date: 9/14/16

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 1

Date: 9/14/16

Section 18 Annunciator Panel # I-AP-O-18-282 Check

<p>SUMP 5-8 HIGH</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>Comments:</p>
<p>TANK 5-7 NEAR OVERFLOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>TANK 5-7 OVER NORMAL LIMIT</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SYSTEM FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-3L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>HIGH BETA</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-10L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>HIGH ALPHA</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-13L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>291-T TROUBLE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-15L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>CANYON HIGH DP</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 2

Section 5 Annunciator Panel Check

Date: 9, 14, 16

HORN TEST	Comments:
Audible Work <input checked="" type="radio"/> YES <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
SUMP 5-8 HIGH LIQUID LEVEL	
Lights Work <input checked="" type="radio"/> YES <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
TANK 5-7 NEAR OVERFLOW	
Lights Work <input checked="" type="radio"/> YES <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
TANK 5-7 OVER NORMAL LIMITS	
Lights Work <input checked="" type="radio"/> YES <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 3

Stack Monitoring Instrument Cabinet Annunciator Panel # I-RM-291T-312 (inside Stack Monitoring Instrument Cabinet # I-RM-291T-284) Check

Date: 9, 14, 16

CABINET TEMPERATURE LOW	Comments:
Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
CABINET TEMPERATURE HIGH	
Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
RECORD SAMPLE LOW FLOW	
Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
BETA FAIL	
Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
ALPHA FAIL	
Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
SPARE	
Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
SPARE	
Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	
SPARE	
Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO	
Off-Normal YES <input checked="" type="radio"/> NO	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

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Step No.	Item	Data	Comments
3.3 Pre-Start			
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log.		
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	SAT / UNSAT	
3.3.6	REVIEW the previous day's data sheet(s).		
3.3.7	RECORD any open items onto current data sheet.		
3.3.8	RECORD start time of data collection.	0655	
4.2 Surveillance of 221-T Galleries and Head End			
4.2.1	PERFORM surveillance of Operating Gallery, Sections 18, 19, and 20.		
a.	TEST annunciator alarms and lights, panel # I-AP-O-18-282 in Room 218, using Alarm Panel Test Data Sheet No. 1.	SAT / UNSAT	
b.	ENSURE alarms have been acknowledged and reset.	SAT / UNSAT	
c.	VERIFY the following procedures match the current revision listed on the procedures webpage and REPLACE if needed: ARP-D-463-00003, Respond to Operating Gallery, Section 18 Alarms ARP-D-463-00005, Respond to Operating Gallery, Section 5 Alarms ARP-D-463-00009, Respond to 291-T Facility Alarms ARP-D-463-00010, Respond to Stack Monitoring Cabinet Alarms	SAT / UNSAT	
4.2.2	PERFORM surveillance of Operating Gallery, Section 13.		
a.	NOTIFY Operations Supervisor or 221-T, Room 218 personnel that cell leak detection alarms will activate during testing of the cell leak detector alarm panels in the operating gallery.	SAT / UNSAT	
b.	TEST cell 15L leak detector panel (I-CP-O-13-281) and VERIFY "LEAK" and "HIGH" alarm lights activate.	SAT / UNSAT	
c.	TEST cell 13L leak detector panel (I-CP-O-13-280) and VERIFY "LEAK" and "HIGH" alarm lights activate.	SAT / UNSAT	

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Step No.	Item	Data	Comments
4.2.3	PERFORM surveillance of Operating Gallery, Section 11.		
	a. VERIFY rotameter (I-FI-O11-396) setting and ADJUST to between 0.8 and 1.2 SCFH, if needed.	<u>1.0</u> SCFH	
	b. RECORD tank 11-R liquid level using indicator I-WFR-O11-396 in Section 11 (operating limit: 75% or 10,507 gal). <i>Readings between -2.0% and 2.0% equates to 0.0% due to inherent instrument uncertainty.</i>	11-R <u>0</u> %	
4.2.4	PERFORM surveillance of Operating Gallery, Section 10.		
	a. TEST cell 10L leak detector panel (I-CP-O-10-279).	<u>(SAT)</u> / UNSAT	
	b. VERIFY "LEAK" and "HIGH" alarm lights activate.	<u>(SAT)</u> / UNSAT	
4.2.5	PERFORM surveillance of Operating Gallery, Section 5.		
	a. VERIFY rotameters settings and ADJUST to between 0.8 and 1.2 SCFH, if needed.		
	FI 5-6	<u>1.0</u> SCFH	
	FI 5-9	<u>1.0</u> SCFH	
	FI 5-7	<u>1.0</u> SCFH	
	FI 5-8	<u>1.0</u> SCFH	
	b. RECORD 5-6, 5-7, 5-8, and 5-9 Liquid Level at Section 5 Board, Operating Gallery. <i>Readings between -1.0% and 1.0% equates to 0.0% due to inherent instrument uncertainty.</i>		
	(Operating limit: 75% or 3,808 gal) 5-6	<u>0</u> %	<u>-0.6</u>
	(Operating limit: 70% or 7,032 gal) 5-7	<u>0</u> %	<u>-0.6</u>
	(Operating limit: 0% or 0 gal) 5-8	<u>0</u> %	<u>-0.5</u>
	(Operating limit: 75% or 3,620 gal) 5-9	<u>0</u> %	<u>-0.4</u>

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9 / 15 / 16

Step No.	Item	Data	Comments																			
	c. CONVERT according to formula: 11R (Reading) x 140.1 5-6 (Reading) x 50.77 <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Tank</th> <th>Reading</th> <th>Multiply</th> </tr> </thead> <tbody> <tr> <td>11R</td> <td>⊖</td> <td>x 140.1 =</td> </tr> <tr> <td>5-6</td> <td>⊖</td> <td>x 50.77 =</td> </tr> <tr> <td>5-7</td> <td>⊖</td> <td>x 100.5 =</td> </tr> <tr> <td>5-9</td> <td>⊖</td> <td>x 48.27 =</td> </tr> </tbody> </table>	Tank	Reading	Multiply	11R	⊖	x 140.1 =	5-6	⊖	x 50.77 =	5-7	⊖	x 100.5 =	5-9	⊖	x 48.27 =	<table border="1" style="margin-left: 20px;"> <tbody> <tr> <td>5-7 (Reading) x 100.5</td> <td></td> </tr> <tr> <td>5-9 (Reading) x 48.27</td> <td></td> </tr> </tbody> </table>	5-7 (Reading) x 100.5		5-9 (Reading) x 48.27		
Tank	Reading	Multiply																				
11R	⊖	x 140.1 =																				
5-6	⊖	x 50.77 =																				
5-7	⊖	x 100.5 =																				
5-9	⊖	x 48.27 =																				
5-7 (Reading) x 100.5																						
5-9 (Reading) x 48.27																						
	d. ADD the total gallons of liquid inventory:	TOTAL	⊖ Gal																			
	e. RECORD time tank readings taken:	0710																				
	f. RECORD previous days tank readings and NOTIFY Operations Supervisor of any change (increase or decrease) of 1.0% or greater from last shift's reading.	<table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Limits</th> <th></th> <th>Previous Day's Reading</th> </tr> </thead> <tbody> <tr> <td>75% or 10,507 gal R</td> <td>11</td> <td>⊖ %</td> </tr> <tr> <td>75% or 3,808 gal</td> <td>5 6</td> <td>⊖ %</td> </tr> <tr> <td>70% or 7,032 gal</td> <td>5 7</td> <td>⊖ %</td> </tr> <tr> <td>0% or 0 gal</td> <td>5 8</td> <td>⊖ %</td> </tr> <tr> <td>75% or 3,620 gal</td> <td>5 9</td> <td>⊖ %</td> </tr> </tbody> </table>	Limits		Previous Day's Reading	75% or 10,507 gal R	11	⊖ %	75% or 3,808 gal	5 6	⊖ %	70% or 7,032 gal	5 7	⊖ %	0% or 0 gal	5 8	⊖ %	75% or 3,620 gal	5 9	⊖ %		
Limits		Previous Day's Reading																				
75% or 10,507 gal R	11	⊖ %																				
75% or 3,808 gal	5 6	⊖ %																				
70% or 7,032 gal	5 7	⊖ %																				
0% or 0 gal	5 8	⊖ %																				
75% or 3,620 gal	5 9	⊖ %																				
	g. IF tanks and/or sump exceed the normal operating limits, THEN NOTIFY Operations Supervisor.																					
	h. TEST 5 Board Local Annunciator panel lights and horn using Alarm Panel Test Data Sheet No. 2	⊖ UNSAT																				
	i. VERIFY there is a current copy of ARP-D-463-00005, Respond to Operating Gallery, Section 5 Alarms, located near panel AND REPLACE if needed.	⊖ UNSAT																				

Perform Daily Surveillance for T Plant Complex

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9 / 15 / 16

Step No.	Item	Data	Comments
4.2.6	PERFORM surveillance of Operating Gallery, Section 3.		
	a. TEST cell 3L leak detector panel (I-CP-O-03-278).	(SAT) / UNSAT	
	b. VERIFY "LEAK" and "HIGH" alarm lights activate.		
4.2.7	PERFORM surveillance of Electrical Gallery.		
	a. INSPECT sumps in Electrical Gallery.	(SAT) / UNSAT	
	b. RECORD any sumps that contain water and the approximate volume in "Inspection Findings" section.		
	c. PERFORM waste water system surveillance:		
	• RECORD Pump hand switch position for switch "Catch Tank D-XX-E-11-012, Pump D-XX-E-11-011" on panel IP-CT-221T.	HAND / AUTO / (OFF)	
	• RECORD Pump hand switch position for switch "Catch Tank D-XX-E-11-015, Pump D-XX-E-11-014" on panel IP-CT-221T.	HAND / AUTO / (OFF)	
	• RECORD STOP or RUN illuminated indicator for "Catch Tank D-XX-E-11-012, Pump D-XX-E-11-011" on panel IP-CT-221T.	(STOP) / RUN	
	• RECORD STOP or RUN illuminated indicator for "Catch Tank D-XX-E-11-015, Pump D-XX-E-11-014" on panel IP-CT-221T.	(STOP) / RUN	
	• Tank sight glass # D-XX-E-11-232 level below minimum pump out level? (Tank 015)	(SAT) / UNSAT	
	• Tank sight glass # D-XX-E-11-229 level below minimum pump out level? (Tank 012)	(SAT) / UNSAT	
	d. Notify Operations Supervisor and note conditions in comments if level is above minimum pump out level.		
4.2.8	INSPECT overall housekeeping of 221-T galleries and head end and NOTE off normal items in "Inspection Findings" section.	<div style="display: flex; align-items: center;"> Duty 10/4/16 (SAT) (UNSAT) </div>	① * Connected T-FFD Obs 10/4/16 PER 10-4-16
4.3 Perform Surveillance of 271-T			
4.3.1	PERFORM surveillance of 271-T basement for evidence of leaks	<div style="display: flex; align-items: center;"> Duty 9/15/16 (SAT) (UNSAT) </div>	⊕ Obs 10/4/16
4.3.2	INSPECT overall housekeeping of all floors and RECORD any other off-normal items in Inspection Findings section.	(SAT) / UNSAT	
4.3.3	INSPECT overall housekeeping of 271-T loading dock and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

Date: 9 / 15 / 16

Step No.	Item	Data	Comments
4.3.4	ENSURE egress passageways are not obstructed.	(SAT) / UNSAT	
4.4 Perform Surveillance of Outside Buildings / Areas			
4.4.1	PERFORM surveillance of 211-T.		
	a. INSPECT overall housekeeping of 211-T and RECORD any condensation, leaks, or other off normal items in Inspection Findings section.	(SAT) / UNSAT	
	b. INSPECT 211-T sump for presence of liquids and debris and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	c. IF liquid is detected in secondary containment, THEN CONTACT Operations Supervisor and ECO.	(SAT) / UNSAT	
4.4.2	PERFORM surveillance of 214-T.		
	a. INSPECT overall housekeeping and RECORD any condensation, leaks, or other off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	b. INSPECT 214-T sumps for presence of liquids and debris and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	c. IF liquid is detected in secondary containment, THEN CONTACT Operations Supervisor and ECO.	(SAT) / UNSAT	
	c. ENSURE egress passageways are not obstructed.	(SAT) / UNSAT	
4.4.3	PERFORM surveillance of Tunnel entrance area.		
	a. INSPECT overall housekeeping of tunnel area and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	b. ENSURE egress passageways are not obstructed.	(SAT) / UNSAT	
4.4.4	PERFORM surveillance of 277-T.		
	a. INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
	b. ENSURE egress passageways are not obstructed.	(SAT) / UNSAT	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

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Step No.	Item	Data	Comments
4.4.5	PERFORM surveillance of 291-T.		
a.	INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
b.	VERIFY there is a current copy of the following procedures inside the Stack Monitoring Instrument Cabinet # I-RM-291T-284;		
	1) ARP-D-463-00009, Respond to 291-T Alarms AND REPLACE if needed.	(SAT) / UNSAT	
	2) ARP-D-463-00010, Respond to Stack Monitoring Cabinet Alarms AND REPLACE if needed.	(SAT) / UNSAT	
c.	NOTIFY Operations Supervisor or 221-T, Room 218 personnel the stack monitor system fail alarm in Section 18 will activate during the stack monitor annunciator test.		
d.	TEST the 291T Stack Monitoring alarms at Annunciator Panel # I-RM-291T-312 (inside Stack Monitoring Instrument Cabinet # I-RM-291T-284), COMPLETE Alarm Panel Test Data Sheet No. 3 of Appendix A, AND VERIFY stack monitoring alarm was received in Section 18.	(SAT) / UNSAT	
e.	ENSURE all alarms have been acknowledged and reset.	(SAT) / UNSAT	
4.4.6	PERFORM surveillance of 225-WA area.		
a.	INSPECT overall housekeeping and RECORD any off-normal items in Inspection Findings section.	(SAT) / UNSAT	
b.	ENSURE pump breakers set to ON and hand switch set to OFF: (system is in manual mode)		
	E-XX-225WA-211	(SAT) / UNSAT	
	E-XX-225WA-212	(SAT) / UNSAT	
c.	VERIFY liquid level of 225-WA sump more than 2 ft below sump cover. <i>This is not a measured value; it is an approximated or "eyeballed" estimate.</i>	(SAT) / UNSAT	
d.	NOTIFY Operations Supervisor if liquid level is less than 2 ft from sump cover.		
4.4.7	RECORD end time of data collection.	0802	

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Appendix A - T Plant Complex Daily Surveillance Data Sheet

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Step No.	Item	Data	Comments
4.4.8	TURN IN and REVIEW completed data sheet with Operations Supervisor.	<input checked="" type="radio"/> SAT <input type="radio"/> UNSAT	
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
<p>① lights out ops gallery: HEF, Head End Halls (5), 2, 11, 17, 20 pipe gallery - Mens change room, 14, 9, 7, 6 electrical gallery - 11</p>		<p>① HARD SCHEDULED FOR REPAIR ON 9/21/16. Alan</p>	
OPEN ITEMS		DISPOSITION	

Operator Name: David W. Uimason
 Signature: [Signature]
 Date: 9/15/16

Operations Supervisor: Andy MEX
 Signature: [Signature]
 Date: 9/21/16

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 1

Date: 7 / 15 / 16

Section 18 Annunciator Panel # I-AP-O-18-282 Check

<p>SUMP 5-8 HIGH</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>Comments:</p>
<p>TANK 5-7 NEAR OVERFLOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>TANK 5-7 OVER NORMAL LIMIT</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SYSTEM FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-3L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>HIGH BETA</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-10L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>HIGH ALPHA</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-13L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>291-T TROUBLE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SHS-CELL-15L LEAK</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>CANYON HIGH DP</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / <input type="radio"/> NO Off-Normal <input checked="" type="radio"/> YES / <input type="radio"/> NO</p>	

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 2

Section 5 Annunciator Panel Check

Date: 9 / 15 / 16

<p style="text-align: center;">HORN TEST</p> <p>Audible Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p> <hr/> <p style="text-align: center;">SUMP 5-8 HIGH LIQUID LEVEL</p> <p>Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p> <hr/> <p style="text-align: center;">TANK 5-7 NEAR OVERFLOW</p> <p>Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p> <hr/> <p style="text-align: center;">TANK 5-7 OVER NORMAL LIMITS</p> <p>Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	<p>Comments:</p>
--	------------------

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Appendix A - (Cont.) Alarm Panel Test Data Sheet No. 3

Stack Monitoring Instrument Cabinet Annunciator Panel # I-RM-291T-312 (inside Stack Monitoring Instrument Cabinet # I-RM-291T-284) Check

Date: 9 / 15 / 16

<p>CABINET TEMPERATURE LOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	<p>Comments:</p>
<p>CABINET TEMPERATURE HIGH</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>RECORD SAMPLE LOW FLOW</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>BETA FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>ALPHA FAIL</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	
<p>SPARE</p> <p>Audible / Lights Work <input checked="" type="radio"/> YES / NO</p> <p>Off-Normal YES / <input checked="" type="radio"/> NO</p>	

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Appendix B - T Plant Complex Facility Closure Day Surveillance Data Sheet

Date: 09/10/16
 205
 9-10-16

Step No.	Item	Data	Comments
3.3 Pre-Start			
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log.		
3.3.5	VERIFY procedure is current revision according to the procedures webpage and REPLACE, if necessary.	(SAT) UNSAT	
3.3.6	REVIEW the previous day's data sheet(s).		
3.3.7	RECORD any open items onto current data sheet.		
3.3.8	RECORD start time of data collection.	0830	
4.6 Facility Closure Day Surveillance			
4.6.1	PERFORM surveillance of Operating Gallery, Sections 18, 19 and 20.		
	a. TEST annunciator alarms and lights, panel # I-AP-O-18-282 in Room 218, using Alarm Panel Test Data Sheet No. 1.	(SAT) / UNSAT	
	b. ENSURE alarms have been acknowledged and reset.	(SAT) / UNSAT	
4.6.2	PERFORM surveillance of Operating Gallery, Section 11.		
	a. VERIFY rotameter (I-FI-O11-396) setting and ADJUST to between 0.8 and 1.2 SCFH, if needed.	1 SCFH	
	b. RECORD tank 11-R liquid level using indicator I-WFR-O11-396 in Section 11 (operating limit: 75% or 10,507 gal). <i>Readings between -2.0% and 2.0% equates to 0.0% due to inherent instrument uncertainty.</i>	11-R 0 %	
4.6.3	PERFORM surveillance of Operating Gallery, Section 5.		
	a. VERIFY rotameters settings and ADJUST to between 0.8 and 1.2 SCFH, if needed, as follows:		
	FI 5-6	0 SCFH	-0.6
	FI 5-9	0 SCFH	-0.6
	FI 5-7	0 SCFH	-0.5
	FI 5-8	0 SCFH	-0.4

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Appendix B - T Plant Complex Facility Closure Day Surveillance Data Sheet

Date: ⁹ 09/10/16 ⁹⁻¹⁰⁻¹⁶

Step No.	Item	Data	Comments														
	b. RECORD 5-6, 5-7, 5-8, and 5-9 Liquid Level at Section 5 Board, Operating Gallery. <i>Readings between -1.0% and 1.0% equates to 0.0% due to inherent instrument uncertainty.</i>																
	(Operating limit: 75% or 3,808 gal) 5-6	0 %															
	(Operating limit: 70% or 7,032 gal) 5-7	0 %															
	(Operating limit: 0% or 0 gal) 5-8	0 %															
	(Operating limit: 75% or 3,620 gal) 5-9	0 %															
	c. CONVERT according to formula: 11R (Reading) x 140.1 5-6 (Reading) x 50.77 5-7 (Reading) x 100.5 5-9 (Reading) x 48.27																
	<table border="1"> <thead> <tr> <th>Tank</th> <th>Reading</th> <th>Multiply</th> </tr> </thead> <tbody> <tr> <td>11R</td> <td>0</td> <td>x 140.1 =</td> </tr> <tr> <td>5-6</td> <td>0</td> <td>x 50.77 =</td> </tr> <tr> <td>5-7</td> <td>0</td> <td>x 100.5 =</td> </tr> <tr> <td>5-9</td> <td>0</td> <td>x 48.27 =</td> </tr> </tbody> </table>	Tank	Reading	Multiply	11R	0	x 140.1 =	5-6	0	x 50.77 =	5-7	0	x 100.5 =	5-9	0	x 48.27 =	
	Tank	Reading	Multiply														
	11R	0	x 140.1 =														
	5-6	0	x 50.77 =														
5-7	0	x 100.5 =															
5-9	0	x 48.27 =															
		0 Gal															
		0 Gal															
		0 Gal															
	d. ADD the total gallons of liquid inventory:	0 Gal															
	e. RECORD time tank readings taken:	0837															
	f. RECORD previous days tank readings and NOTIFY Operations Supervisor of any change (increase or decrease) of 1.0% or greater from last shift's reading.	Previous Day's Reading															
	<table border="1"> <thead> <tr> <th>Limits</th> <th></th> </tr> </thead> <tbody> <tr> <td>75% or 10,507 gal</td> <td>11-R</td> </tr> <tr> <td>75% or 3,808 gal</td> <td>5-6</td> </tr> <tr> <td>70% or 7,032 gal</td> <td>5-7</td> </tr> <tr> <td>0% or 0 gal</td> <td>5-8</td> </tr> <tr> <td>75% or 3,620 gal</td> <td>5-9</td> </tr> </tbody> </table>	Limits		75% or 10,507 gal	11-R	75% or 3,808 gal	5-6	70% or 7,032 gal	5-7	0% or 0 gal	5-8	75% or 3,620 gal	5-9				
	Limits																
	75% or 10,507 gal	11-R															
	75% or 3,808 gal	5-6															
	70% or 7,032 gal	5-7															
0% or 0 gal	5-8																
75% or 3,620 gal	5-9																
	0 %																
	0 %																
	0 %																
	0 %																
	0 %																
	g. IF tanks and/or sump exceed the normal operating limits, THEN NOTIFY Operations Supervisor.																
	h. TEST 5 Board Local Annunciator panel lights and horn using Alarm Panel Test Data Sheet No 2.	SAT / UNSAT															
4.6.4	PERFORM surveillance of 221-T electrical gallery for evidence of leaks.	SAT / UNSAT															

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Appendix B - T Plant Complex Facility Closure Day Surveillance Data Sheet

Date: 09, 10, 16
9 nos 9-10-16

Step No.	Item	Data	Comments
4.6.5	PERFORM surveillance of 271-T basement for evidence of leaks.	(SAT) UNSAT	
4.6.6	VERIFY following exterior 221-T and 271-T doors are closed and locked: 271-T loading dock (service door), 271-T Entry Doors (main), Door 11, Door 13, and Door 19.	(SAT) UNSAT	
4.6.7	RECORD end time of data collection.	0910	

General Comments:

INSPECTION FINDING	CORRECTIVE ACTION
OPEN ITEMS	DISPOSITION

Operator Name: Jill D Shupe
 Signature: Jill D Shupe
 Date: 09-10-16
 9 nos 9-10-16

Operations Supervisor: Dave Richards
 Signature: Dave Richards
 Date: 9-10-16

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Appendix B - (Cont.) Alarm Panel Test Data Sheet No. 1

9 nos
9-10-16
Date: 09/10/16

Section 18 Annunciator Panel Check

SUMP 5-8 HIGH		SPARE		Comments:
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
TANK 5-7 NEAR OVERFLOW		SPARE		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
TANK 5-7 OVER NORMAL LIMIT		SYSTEM FAIL		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SHS-CELL-3L LEAK		HIGH BETA		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SHS-CELL-10L LEAK		HIGH ALPHA		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SHS-CELL-13L LEAK		291-T TROUBLE		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SHS-CELL-15L LEAK		CANYON HIGH DP		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SPARE		SPARE		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	

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Appendix B - (Cont.) Alarm Panel Test Data Sheet No. 2

Section 5 Annunciator Panel Check

Date: 09/10/16

9 JDS 9-10-16

HORN TEST		Comments:
Audible Work	YES / NO	
Off-Normal	YES / NO	
SUMP 5-8 HIGH LIQUID LEVEL		
Lights Work	YES / NO	
Off-Normal	YES / NO	
TANK 5-7 NEAR OVERFLOW		
Lights Work	YES / NO	
Off-Normal	YES / NO	
TANK 5-7 OVER NORMAL LIMITS		
Lights Work	YES / NO	
Off-Normal	YES / NO	

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Appendix B - T Plant Complex Facility Closure Day Surveillance Data Sheet

Date: 09/10/16

Step No.	Item	Data	Comments
3.3 Pre-Start			
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log.		
3.3.5	VERIFY procedure is current revision according to the procedures webpage and REPLACE, if necessary.	SAT / UNSAT	
3.3.6	REVIEW the previous day's data sheet(s).		
3.3.7	RECORD any open items onto current data sheet.		
3.3.8	RECORD start time of data collection.	0810	
4.6 Facility Closure Day Surveillance			
4.6.1	PERFORM surveillance of Operating Gallery, Sections 18, 19 and 20.		
	a. TEST annunciator alarms and lights, panel # I-AP-O-18-282 in Room 218, using Alarm Panel Test Data Sheet No. 1.	SAT / UNSAT	
	b. ENSURE alarms have been acknowledged and reset.	SAT / UNSAT	
4.6.2	PERFORM surveillance of Operating Gallery, Section 11.		
	a. VERIFY rotameter (I-FI-O11-396) setting and ADJUST to between 0.8 and 1.2 SCFH, if needed.	1 SCFH	
	b. RECORD tank 11-R liquid level using indicator I-WFR-O11-396 in Section 11 (operating limit: 75% or 10,507 gal). <i>Readings between -2.0% and 2.0% equates to 0.0% due to inherent instrument uncertainty.</i>	11-R 0 %	
4.6.3	PERFORM surveillance of Operating Gallery, Section 5.		
	a. VERIFY rotameters settings and ADJUST to between 0.8 and 1.2 SCFH, if needed, as follows:		
	FI 5-6	SCFH	
	FI 5-9	SCFH	
	FI 5-7	SCFH	
	FI 5-8	SCFH	

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Appendix B - T Plant Complex Facility Closure Day Surveillance Data Sheet

Date: 09/10/16

Step No.	Item	Data	Comments															
	b. RECORD 5-6, 5-7, 5-8, and 5-9 Liquid Level at Section 5 Board, Operating Gallery. <i>Readings between -1.0% and 1.0% equates to 0.0% due to inherent instrument uncertainty.</i>																	
	(Operating limit: 75% or 3,808 gal) 5-6	0 %	-0.6															
	(Operating limit: 70% or 7,032 gal) 5-7	0 %	-0.6															
	(Operating limit: 0% or 0 gal) 5-8	0 %	-0.5															
	(Operating limit: 75% or 3,620 gal) 5-9	0 %	-0.4															
	c. CONVERT according to formula: 11R (Reading) x 140.1 5-6 (Reading) x 50.77 5-7 (Reading) x 100.5 5-9 (Reading) x 48.27																	
		<table border="1"> <thead> <tr> <th>Tank</th> <th>Reading</th> <th>Multiply</th> </tr> </thead> <tbody> <tr> <td>11R</td> <td>0</td> <td>x 140.1 =</td> </tr> <tr> <td>5-6</td> <td>0</td> <td>x 50.77 =</td> </tr> <tr> <td>5-7</td> <td>0</td> <td>x 100.5 =</td> </tr> <tr> <td>5-9</td> <td>0</td> <td>x 48.27 =</td> </tr> </tbody> </table>	Tank	Reading	Multiply	11R	0	x 140.1 =	5-6	0	x 50.77 =	5-7	0	x 100.5 =	5-9	0	x 48.27 =	
	Tank	Reading	Multiply															
	11R	0	x 140.1 =															
	5-6	0	x 50.77 =															
5-7	0	x 100.5 =																
5-9	0	x 48.27 =																
		Gal																
		Gal																
		Gal																
		Gal																
	d. ADD the total gallons of liquid inventory:	0 Gal	9-10-16															
	e. RECORD time tank readings taken:	0817																
	f. RECORD previous days tank readings and NOTIFY Operations Supervisor of any change (increase or decrease) of 1.0% or greater from last shift's reading.	Limits	Previous Day's Reading															
		75% or 10,507 gal 11-R	0 %															
		75% or 3,808 gal 5-6	0 %															
		70% or 7,032 gal 5-7	0 %															
		0% or 0 gal 5-8	0 %															
	75% or 3,620 gal 5-9	0 %																
	g. IF tanks and/or sump exceed the normal operating limits, THEN NOTIFY Operations Supervisor.																	
	h. TEST 5 Board Local Annunciator panel lights and horn using Alarm Panel Test Data Sheet No 2.	(SAT) UNSAT																
4.6.4	PERFORM surveillance of 221-T electrical gallery for evidence of leaks.	(SAT) UNSAT																

Perform Daily Surveillance for T Plant Complex

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Appendix B - (Cont.) Alarm Panel Test Data Sheet No. 1

Date 09/10/16

Section 18 Annunciator Panel Check

<p>SUMP 5-8 HIGH</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>SPARE</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>Comments:</p>
<p>TANK 5-7 NEAR OVERFLOW</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>SPARE</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		
<p>TANK 5-7 OVER NORMAL LIMIT</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>SYSTEM FAIL</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		
<p>SHS-CELL-3L LEAK</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>HIGH BETA</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		
<p>SHS-CELL-10L LEAK</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>HIGH ALPHA</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		
<p>SHS-CELL-13L LEAK</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>291-T TROUBLE</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		
<p>SHS-CELL-15L LEAK</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>CANYON HIGH DP</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		
<p>SPARE</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		<p>SPARE</p> <p>Audible / Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>		

Perform Daily Surveillance for T Plant Complex

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Appendix B - (Cont.) Alarm Panel Test Data Sheet No. 2

Section 5 Annunciator Panel Check

Date: 09/10/16

<p>HORN TEST</p> <p>Audible Work YES/NO</p> <p>Off-Normal YES/NO</p>	<p>Comments:</p>
<p>SUMP 5-8 HIGH LIQUID LEVEL</p> <p>Lights Work YES/NO</p> <p>Off-Normal YES/NO</p>	
<p>TANK 5-7 NEAR OVERFLOW</p> <p>Lights Work YES/NO</p> <p>Off-Normal YES/NO</p>	
<p>TANK 5-7 OVER NORMAL LIMITS</p> <p>Lights Work YES/NO</p> <p>Off-Normal YES/NO</p>	

Perform Daily Surveillance for T Plant Complex

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Appendix B - T Plant Complex Facility Closure Day Surveillance Data Sheet

Date: 09/11/16

Step No.	Item	Data	Comments
3.3 Pre-Start			
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log.		
3.3.5	VERIFY procedure is current revision according to the procedures webpage and REPLACE, if necessary.	SAT / UNSAT	
3.3.6	REVIEW the previous day's data sheet(s).		
3.3.7	RECORD any open items onto current data sheet.		
3.3.8	RECORD start time of data collection.	0830	
4.6 Facility Closure Day Surveillance			
4.6.1	PERFORM surveillance of Operating Gallery, Sections 18, 19 and 20.		
	a. TEST annunciator alarms and lights, panel # I-AP-O-18-282 in Room 218, using Alarm Panel Test Data Sheet No. 1.	SAT / UNSAT	
	b. ENSURE alarms have been acknowledged and reset.	SAT / UNSAT	
4.6.2	PERFORM surveillance of Operating Gallery, Section 11.		
	a. VERIFY rotameter (I-FI-O11-396) setting and ADJUST to between 0.8 and 1.2 SCFH, if needed.	1 SCFH	
	b. RECORD tank 11-R liquid level using indicator I-WFR-O11-396 in Section 11 (operating limit: 75% or 10,507 gal). <i>Readings between -2.0% and 2.0% equates to 0.0% due to inherent instrument uncertainty.</i>	11-R 0 %	
4.6.3	PERFORM surveillance of Operating Gallery, Section 5.		
	a. VERIFY rotameters settings and ADJUST to between 0.8 and 1.2 SCFH, if needed, as follows:		
	FI 5-6	1 SCFH	
	FI 5-9	1 SCFH	
	FI 5-7	1 SCFH	
	FI 5-8	1 SCFH	

Perform Daily Surveillance for T Plant Complex

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Appendix B - T Plant Complex Facility Closure Day Surveillance Data Sheet

Date: 09/11/16

Step No.	Item	Data	Comments	
	b. RECORD 5-6, 5-7, 5-8, and 5-9 Liquid Level at Section 5 Board, Operating Gallery. <i>Readings between -1.0% and 1.0% equates to 0.0% due to inherent instrument uncertainty.</i>			
	(Operating limit: 75% or 3,808 gal) 5-6	0 %	-0.6	
	(Operating limit: 70% or 7,032 gal) 5-7	0 %	-0.6	
	(Operating limit: 0% or 0 gal) 5-8	0 %	-0.5	
	(Operating limit: 75% or 3,620 gal) 5-9	0 %	-0.4	
	c. CONVERT according to formula: 11R (Reading) x 140.1 5-6 (Reading) x 50.77 5-7 (Reading) x 100.5 5-9 (Reading) x 48.27			
	d. ADD the total gallons of liquid inventory:	0 Gal		
	e. RECORD time tank readings taken:	0840		
	f. RECORD previous days tank readings and NOTIFY Operations Supervisor of any change (increase or decrease) of 1.0% or greater from last shift's reading.	Limits	Previous Day's Reading	
		75% or 10,507 gal 11-R	0 %	
		75% or 3,808 gal 5-6	0 %	
		70% or 7,032 gal 5-7	0 %	
		0% or 0 gal 5-8	0 %	
75% or 3,620 gal 5-9	0 %			
	g. IF tanks and/or sump exceed the normal operating limits, THEN NOTIFY Operations Supervisor.			
	h. TEST 5 Board Local Annunciator panel lights and horn using Alarm Panel Test Data Sheet No 2.	(SAT) / UNSAT		
4.6.4	PERFORM surveillance of 221-T electrical gallery for evidence of leaks.	(SAT) / UNSAT		

Perform Daily Surveillance for T Plant Complex

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Appendix B - (Cont.) Alarm Panel Test Data Sheet No. 1

Section 18 Annunciator Panel Check

Date: 09 / 11 / 16

SUMP 5-8 HIGH		SPARE		Comments:
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
TANK 5-7 NEAR OVERFLOW		SPARE		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
TANK 5-7 OVER NORMAL LIMIT		SYSTEM FAIL		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SHS-CELL-3L LEAK		HIGH BETA		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SHS-CELL-10L LEAK		HIGH ALPHA		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SHS-CELL-13L LEAK		291-T TROUBLE		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SHS-CELL-15L LEAK		CANYON HIGH DP		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	
SPARE		SPARE		
Audible / Lights Work	YES / NO	Audible / Lights Work	YES / NO	
Off-Normal	YES / NO	Off-Normal	YES / NO	

Perform Daily Surveillance for T Plant Complex

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Appendix B - (Cont.) Alarm Panel Test Data Sheet No. 2

Section 5 Annunciator Panel Check

Date: 09/11/16

<p>HORN TEST</p> <p>Audible Work YES / NO</p> <p>Off-Normal YES / NO</p>	<p>Comments:</p>
<p>SUMP 5-8 HIGH LIQUID LEVEL</p> <p>Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>	
<p>TANK 5-7 NEAR OVERFLOW</p> <p>Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>	
<p>TANK 5-7 OVER NORMAL LIMITS</p> <p>Lights Work YES / NO</p> <p>Off-Normal YES / NO</p>	

Perform Daily Surveillance for T Plant Complex

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Effective Date: 07/29/16

Appendix C - T Plant Complex Facility Exit Inspection Data Sheet

Date: 9/12/16

Step No.	Item	Data	Comments
4.5 Facility Exit Inspection			
4.5.1	VERIFY all personnel are out of the canyon.	SAT / UNSAT	
4.5.2	INSPECT all outside R-doors to ensure they are CLOSED and LATCHED.	SAT / UNSAT	
4.5.3	ENSURE 214-T lights are OFF.	SAT / UNSAT	
4.5.4	CHECK 214-T doors are CLOSED and LOCKED.	SAT / UNSAT	
4.5.5	ENSURE tunnel door CLOSED.	SAT / UNSAT	
4.5.6	VERIFY following exterior 221-T and 271-T doors are closed and locked: H (headend), 3, 5, 7, 9, 271-T loading dock (service door), 15, 17, 19, Section 20 laundry dock, and 221-TA.	SAT / UNSAT	
4.5.78	TURN IN surveillance keys.	SAT / UNSAT	
4.5.8	TURN IN completed T Plant Complex Facility Exit Inspection Data Sheet and REVIEW with Operations Supervisor.	SAT / UNSAT	
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
OPEN ITEMS		DISPOSITION	

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date: 9-12-16

Operations Supervisor: Andy MIA
 Signature: [Signature]
 Date: 9/12/16

Perform Daily Surveillance for T Plant Complex

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Appendix C - T Plant Complex Facility Exit Inspection Data Sheet

Date: 9, 13, 16

Step No.	Item	Data	Comments
4.5 Facility Exit Inspection			
4.5.1	VERIFY all personnel are out of the canyon.	SAT UNSAT	
4.5.2	INSPECT all outside R-doors to ensure they are CLOSED and LATCHED.	SAT UNSAT	
4.5.3	ENSURE 214-T lights are OFF.	SAT UNSAT	
4.5.4	CHECK 214-T doors are CLOSED and LOCKED.	SAT UNSAT	
4.5.5	ENSURE tunnel door CLOSED.	SAT UNSAT	
4.5.6	VERIFY following exterior 221-T and 271-T doors are closed and locked: H (headend), 3, 5, 7, 9, 271-T loading dock (service door), 15, 17, 19, Section 20 laundry dock, and 221-TA.	SAT UNSAT	
4.5.78	TURN IN surveillance keys.	SAT UNSAT	
4.5.8	TURN IN completed T Plant Complex Facility Exit Inspection Data Sheet and REVIEW with Operations Supervisor.	SAT UNSAT	
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
OPEN ITEMS		DISPOSITION	

Operator Name: Robert Julian
 Signature: [Signature]
 Date: 9-13-16

Operations Supervisor: Andy [Signature]
 Signature: [Signature]
 Date: 9/13/16

Perform Daily Surveillance for T Plant Complex

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Appendix C - T Plant Complex Facility Exit Inspection Data Sheet

Date: 9/14/16

Step No.	Item	Data	Comments
4.5 Facility Exit Inspection			
4.5.1	VERIFY all personnel are out of the canyon.	SAT UNSAT	
4.5.2	INSPECT all outside R-doors to ensure they are CLOSED and LATCHED.	SAT UNSAT	
4.5.3	ENSURE 214-T lights are OFF.	SAT UNSAT	
4.5.4	CHECK 214-T doors are CLOSED and LOCKED.	SAT UNSAT	
4.5.5	ENSURE tunnel door CLOSED.	SAT UNSAT	
4.5.6	VERIFY following exterior 221-T and 271-T doors are closed and locked: H (headend), 3, 5, 7, 9, 271-T loading dock (service door), 15, 17, 19, Section 20 laundry dock, and 221-TA.	SAT UNSAT	
4.5.78	TURN IN surveillance keys.	SAT UNSAT	
4.5.8	TURN IN completed T Plant Complex Facility Exit Inspection Data Sheet and REVIEW with Operations Supervisor.	SAT UNSAT	
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
OPEN ITEMS		DISPOSITION	

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date: 9/14/16

Operations Supervisor: Andy [Signature]
 Signature: Andy [Signature]
 Date: 9/14/16

Perform Daily Surveillance for T Plant Complex

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Appendix C - T Plant Complex Facility Exit Inspection Data Sheet

Date: 9, 15, 16

Step No.	Item	Data	Comments
4.5 Facility Exit Inspection			
4.5.1	VERIFY all personnel are out of the canyon.	SAT UNSAT	
4.5.2	INSPECT all outside R-doors to ensure they are CLOSED and LATCHED.	SAT UNSAT	
4.5.3	ENSURE 214-T lights are OFF.	SAT UNSAT	
4.5.4	CHECK 214-T doors are CLOSED and LOCKED.	SAT UNSAT	
4.5.5	ENSURE tunnel door CLOSED.	SAT UNSAT	
4.5.6	VERIFY following exterior 221-T and 271-T doors are closed and locked: H (headend), 3, 5, 7, 9, 271-T loading dock (service door), 15, 17, 19, Section 20 laundry dock, and 221-TA.	SAT UNSAT	
4.5.78	TURN IN surveillance keys.	SAT UNSAT	
4.5.8	TURN IN completed T Plant Complex Facility Exit Inspection Data Sheet and REVIEW with Operations Supervisor.	SAT UNSAT	
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
OPEN ITEMS		DISPOSITION	

Operator Name: Robert Julian
 Signature: [Signature]
 Date: 9-15-16

Operations Supervisor: [Signature]
 Signature: [Signature]
 Date: 9/15/16

Perform Surveillance of T Plant Emergency Equipment

Published Date: 09/07/2016

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Appendix A - Portable Safety Shower/Eyewash Station Inspection Checklist

UNIT NUMBER	LOCATION	Gauge Reading in the GREEN	Service Due Date	TAG Filled out
EW-01	1 st Floor AMU	SAT/ UNSAT	SAT/ UNSAT	Yes/ No
EW-02	1 st Floor AMU	SAT/ UNSAT	SAT/ UNSAT	Yes/ No
General Comments:				
INSPECTION FINDING		CORRECTIVE ACTION		
OPEN ITEMS		DISPOSITION		

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date & Time: 9/12/16 0835

Operations Supervisor: Andy Misk
 Signature: Andy Misk
 Date: 9/12/16

Perform Surveillance of T Plant Emergency Equipment

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Appendix B - Monthly Fire Extinguisher Inspection Checklist

Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher in Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
ELECTRICAL GALLERY							
Section 20	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 18	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 15	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 11	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 8	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 5	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 3	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
PIPE GALLERY							
Section 3	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 6	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 9/10	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 13	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 15	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Section 17	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Near FD 20-5	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
OPERATING GALLERY							
Section 20	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial
Operations Ready Room	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9/12-16 initial

Perform Surveillance of T Plant Emergency Equipment

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher in Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
Section 14	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Section 11	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Section 8	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Section 5	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Section 2	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
271-T BUILDING BASEMENT							
Next to elevator	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Millwright Shop	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Between Section 13 and 11	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Compressor Room	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
271-T BUILDING FIRST FLOOR							
Next to FD 7	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Lunchroom	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
FD 15	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
On Dock near Cage	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
AMU Area	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
271-T BUILDING SECOND FLOOR							
Next to 203	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Next to 211	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial
Room 213	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DCR 9-12-16 Initial

Perform Surveillance of T Plant Emergency Equipment

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher In Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
271-T BUILDING THIRD FLOOR							
Next to FD 12	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
Across from Room 312	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
Near FD 22	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
In AMU, mounted on corridor wall	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
HEAD END BASEMENT							
South Wall of Hallway	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
HEAD END FIRST FLOOR							
Stairwell by FD H1-4	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
HEAD END SECOND FLOOR							
Next to Room 25	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
Old Lunchroom	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
VESSEL AREA							
Canyon Vessel Area East Wall by Roll-up Door	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
MO-892							
Entrance Doorway	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-13-16 Initial
Office Hallway	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-17-16 Initial
271-T NORTH STAIR TOWER							
Top of Stairs to Roof	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-12-16 Initial
MO-459							
South End of Building by Exit	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-8-16 Initial
North End of Building by Exit	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR 9-22-16 Initial

Perform Surveillance of T Plant Emergency Equipment

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher In Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
MO-906							
East Door	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
West Door	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
Room 6	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
277-T							
East End of Building by Exit	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
225-WA							
On Wall near LCU	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-12-16 Initial
2706-T AREA							
MO-739, West Side	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-TA, Outside, Southwest Corner	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-TA Bay, South Wall	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-TA Bay, West Wall	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-T, Outside, Northwest Corner	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-T/TA Air-Lock	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-T Bay	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	PREVIOUS REV. SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Outside 2706-T Riser Room	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-T Electrical Room	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-T Storage Room	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9-13-16 Initial
2706-T Maintenance Room	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	PREVIOUS REV. SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher In Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
MO-433							
MO-433, East	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/13/16 Initial
MO-433, West	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/13/16 Initial
MISCELLANEOUS FACILITY LOCATIONS							
2715-T Inside Door	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/13/16 Initial
214-T South Wall	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/13/16 Initial
2716-T	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/13/16 Initial
211-T Waste Storage	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/13/16 Initial
291-T, south wall near east corner	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/12/16 Initial
243-T Shed	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/13/16 Initial
229W – West wall	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/12/16 Initial
229W – East wall (by door)	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	DUR 9/12/16 Initial
Spare Extinguishers:							
221-T, Pipe Gallery, Section 14 Ops Supply Cage			(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT		DUR 9/12/16 Initial

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher in Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
CANYON							
Section 20	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 19	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 17	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 15	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 3 - Permacon 2	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 5 - Permacon 1	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 13	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 11	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 9	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 7	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 5	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 3	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16
Section 3	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial 9-12-16

Perform Surveillance of T Plant Emergency Equipment

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher In Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
CANYON CRANEWAY							
Section 20	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	9/25/16 Initial
On 45-Ton Crane	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	9-29-16 Initial
On 45-Ton Crane	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	9-29-16 Initial
On 45-Ton Crane	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	9-29-16 Initial
Inside Crane Cab	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	9-29-16 Initial
CANYON TUNNEL							
By Roll-Up Door	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Mid-way South Wall	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Near Pax Phone	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
General Comments:							
INSPECTION FINDING				CORRECTIVE ACTION			
OPEN ITEMS				DISPOSITION			
Operator (print/sign/date/time): Dave Roberts / Dave Roberts 9-12-16 / 1450, 9-13-16 0920							
Operations Supervisor (print/sign/date): Andy M... Andy M... 9/29/16							

T PLANT COMPLEX OPERATIONS LONG TERM ORDER (LTO)

#LTO-16-004 Rev 0.

ORIGINAL

Date: 09/07/2016

TO: T Plant Operations Personnel

FROM: T Plant Duty Operations Supervisor

EFFECTIVE DATE: 09/7/2016

1. Order Subject:

Documentation of completed Inspector, Dates, and Times for the "Monthly Fire Extinguisher Inspection Checklist" (Appendix B, DO-040-004)

2. Order Justification:

Washington State Department of Ecology Inspection Finding noted that the inspector "...could not determine which fire extinguishers were inspected on specific dates".

The format of the inspection checklist does not support the recording of data to this level of detail. Until the procedure can be revised this Timely Order will be required to record the additional detail.

3. Instruction:

- 1) Operators when performing the Monthly Fire Extinguisher Inspection per section 4.2 of procedure DO-040-004 will in addition RECORD the following:
 - a. At step 4.2.5.i, the Operator SHALL also date their initials in the right hand margin OR within the "Tag Initialed" block of the checklist.
 - b. At step 4.2.6, IF more than one Operator has performed the inspection THEN additional Operators will RECORD their printed name, signature, date, and time on the Addendum to this Timely Order.
 - i. Once the inspection is completed the Addendum will be attached to the Checklist and submitted to Records Management.
 - c. At Step 4.2.6, Operators SHALL also initial.
- 2) If the same Operator inspects different areas (i.e. extinguishers) on multiple days, THEN the Operator will perform Step 1 for each date.

Approved by: _____

Andy Mitz
T Plant Duty Operations Supervisor

Date

9/7/16

4. Criteria for Cancellation:

T-Plant Duty Operations Supervisor has verified procedure DO-040-004 has been revised to adequately record the required level of detail.

Cancelled by: _____

T-Plant Duty Operations Supervisor

Date _____

T PLANT COMPLEX OPERATIONS LONG TERM ORDER (LTO)
#LTO-16-004 Rev 0.

Addendum for recording of additional Operator Inspections per DO-040-004 Appendix B

Operator (print / sign / date / time / initial):

Jill D Shupe / Jill D Shupe / 09-08-16 / 0930

Operator (print / sign / date / time / initial):

Dave Roberts / Dave Roberts / 9-12-16 / 1450 / DCR

Operator (print / sign / date / time / initial):

Jill D Shupe / Jill D Shupe / 9-12-16 / 1245

Operator (print / sign / date / time / initial):

Dave Roberts / Dave Roberts / 9-17-16 / 0920 / DCR

Operator (print / sign / date / time / initial):

Laura Johnson / Laura Johnson / 9-22-16 / 0700

Operator (print / sign / date / time / initial):

Chris Shuck / Chris Shuck / 9-29-16 / 1500

Perform Surveillance of T Plant Emergency Equipment

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Appendix B - Monthly Fire Extinguisher Inspection Checklist

Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher In Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
ELECTRICAL GALLERY							
Section 20	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 18	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 15	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 11	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 8	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 5	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 3	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
PIPE GALLERY							
Section 3	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 6	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 9/10	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 13	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 15	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 17	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Near FD 20-5	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
OPERATING GALLERY							
Section 20	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Operations Ready Room	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial

Perform Surveillance of T Plant Emergency Equipment

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher In Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
Section 14	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 11	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 8	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 5	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 2	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
271-T BUILDING BASEMENT							
Next to elevator	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Millwright Shop	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Between Section 13 and 11	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Compressor Room	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
271-T BUILDING FIRST FLOOR							
Next to FD 7	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Lunchroom	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
FD 15	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
On Dock near Cage	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
AMU Area	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
271-T BUILDING SECOND FLOOR							
Next to 203	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Next to 211	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Room 213	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial

Perform Surveillance of T Plant Emergency Equipment

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher in Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
271-T BUILDING THIRD FLOOR							
Next to FD 12	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Across from Room 312	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Near FD 22	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
In AMU, mounted on corridor wall	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
HEAD END BASEMENT							
South Wall of Hallway	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
HEAD END FIRST FLOOR							
Stairwell by FD H1-4	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
HEAD END SECOND FLOOR							
Next to Room 25	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Old Lunchroom	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
VESSEL AREA							
Canyon Vessel Area East Wall by Roll-up Door	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
MO-892							
Entrance Doorway	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Office Hallway	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
271-T NORTH STAIR TOWER							
Top of Stairs to Roof	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
MO-459							
South End of Building by Exit	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
North End of Building by Exit	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial

Perform Surveillance of T Plant Emergency Equipment

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Monthly Fire Extinguisher Inspection Checklist

NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher In Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
MO-906							
East Door	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
West Door	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Room 6	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
277-T							
East End of Building by Exit	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
225-WA							
On Wall near LCU	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-T AREA							
MO-739, West Side	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-TA, Outside, Southwest Corner	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-TA Bay, South Wall	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-TA Bay, West Wall	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-T, Outside, Northwest Corner	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-T/TA Air-Lock	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-T Bay	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Outside 2706-T Riser Room	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-T Electrical Room	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-T Storage Room	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2706-T Maintenance Room	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial

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Location	Extinguisher in Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
MO-433							
MO-433, East	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
MO-433, West	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
MISCELLANEOUS FACILITY LOCATIONS							
2715-T Inside Door	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
214-T South Wall	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
2716-T	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
211-T Waste Storage	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
291-T, south wall near east corner	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
243-T Shed	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
229W – West wall	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
229W – East wall (by door)	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Spare Extinguishers:							
221-T, Pipe Gallery, Section 14 Ops Supply Cage			SAT / UNSAT	SAT / UNSAT	SAT / UNSAT		Initial

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Location	Extinguisher In Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
CANYON							
Section 20	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 19	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 17	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 15	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 3 - Permacon 2	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 5 - Permacon 1	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 13	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 11	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 9	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 7	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 5	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 3	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Section 3	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial

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NOTE: All T Plant fire extinguishers are ABC Dry Chemical unless noted in location.

Location	Extinguisher in Place	Access Unobstructed	Seal Intact	Gauge Reading in Green	Good Physical Condition	Front Clear of Obstruction	Tag Initialed
CANYON CRANEWAY							
Section 20	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
On 45-Ton Crane	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
On 45-Ton Crane	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
On 45-Ton Crane	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
Inside Crane Cab	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	Initial
CANYON TUNNEL							
By Roll-Up Door	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR Initial
Mid-way South Wall	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR Initial
Near Pax Phone	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	DUR Initial
General Comments:							
INSPECTION FINDING				CORRECTIVE ACTION			
OPEN ITEMS				DISPOSITION			
Operator (print/sign/date/time): Dave Roberts / Paul Roberts 9/6/16 0830							
Operations Supervisor (print/sign/date): Andy M... Andy M... 9/29/16							

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Appendix C - Monthly First Aid Kit/AED/Emergency Medical Bag Inspection Checklist

FIRST AID KIT LOCATION		SEAL INTACT	INVENTORY COMPLETE
0382R Chevy Silverado (Operations)		SAT / UNSAT	SAT / UNSAT
#01570 - Dodge Caravan "White" G41-1901H (Rad Con) (1)		SAT / UNSAT	SAT / UNSAT
271-T Third Floor Hallway		SAT / UNSAT	SAT / UNSAT
271-T Second Floor Hallway		SAT / UNSAT	SAT / UNSAT
271-T First Floor (Near Restroom)		SAT / UNSAT	SAT / UNSAT
271-T Basement (Near Electrical shop)		SAT / UNSAT	SAT / UNSAT
221-T Operating Gallery, Section 20		SAT / UNSAT	SAT / UNSAT
221-T Head End (Change Room)		SAT / UNSAT	SAT / UNSAT
MO-906 (Maintenance Trailer)		SAT / UNSAT	SAT / UNSAT
MO-892 (Incident Command Post)		SAT / UNSAT	SAT / UNSAT
MO-433 (2706-T Change Trailer)		SAT / UNSAT	SAT / UNSAT
2716-T (Tunnel Change Trailer)		SAT / UNSAT	SAT / UNSAT
MO-459 (Women's Change Trailer)		SAT / UNSAT	SAT / UNSAT
277-T Storage Building		SAT / UNSAT	SAT / UNSAT
2706-TA		SAT / UNSAT	SAT / UNSAT
2706-TB		SAT / UNSAT	SAT / UNSAT
2706-T Chemical Addition Room		SAT / UNSAT	SAT / UNSAT

AED LOCATION	Status Indicator Changes from Green to Red when Opening Unit	Status Indicator Green within 5 Sec After Opening	Electrodes within Expiration Date
271-T 1 st Floor (next to restroom)	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
271-T 2 nd Floor (next to Rm 209)	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
271-T 3 rd Floor (next to Rm 310)	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
MO-433 (near main entrance)	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
Section 20 Ops Gallery	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
Head End (Change Room)	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT

EMERGENCY MEDICAL BAG / CPR READY KIT LOCATION	Seal Intact
271-T 1 st Floor (next to restroom)	SAT / UNSAT
271-T 2 nd Floor (next to Rm 209)	SAT / UNSAT
271-T 3 rd Floor (next to Rm 310)	SAT / UNSAT
MO-433 (near main entrance)	SAT / UNSAT
Section 20 Ops Gallery	SAT / UNSAT
Head End (Change Room)	SAT / UNSAT

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Appendix C - (Cont.) Monthly First Aid Kit/AED/Emergency Medical Bag Inspection Checklist

CPR Ready Kit / Emergency Medical Bag Inventory	
• 1 Absorbent Cloth Towel	• 2 Razors
• 1 Roll of 1 inch cloth tape	• 2 CPR Masks
• 1 Roll of 2 inch cloth tape	• 1 pair Trauma Scissor
• 10 Sterile 4x4 Packages (2 per Pk)	• 4 Pairs Diamond Grip Gloves or Nitrile gloves
• 1 Roll of 3 inch Elastic Bandage	• 1 Pair Tweezers
• 6 Rolls of Non Sterile 3 inch kling	• 1 Adult Blood Pressure Cuff
• 1 12x30 inch Multi Trauma Dressing	• 1 22inch Sprague Stethoscope
• 5 Sterile 5x9 inch Dressings	• 2 40x40x56 Triangular Bandage
• 100 1x3 inch Plastic Bandages	• 50 Large 2x4 1/2inch Bandages
• 1 Pair Safety Glasses	• 1 Red Biohazard Waste Bag
• 2 Antimicrobial Alcohol Wipes	

General Comments: ① Jeep Cherokee - 961-21315
 also SAT.
 ① THIS IS A TEMPORARY VEHICLE LOCATED AT T-PLANT
 PER RAD-CON MANAGER. Am 9/1/16

INSPECTION FINDING	CORRECTIVE ACTION
OPEN ITEMS	DISPOSITION

Operator Name: Jill D Shupe
 Signature: [Signature]
 Date & time: 09-01-16 1330

Operations Supervisor: [Signature]
 Signature: [Signature]
 Date: 9/1/16

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Appendix D - Monthly Automatic Sprinkler System Inspection Checklist

Monthly Automatic Sprinkler System Inspection Checklist

LOCATION	ITEM	RESULT
2706-TA	CHECK fire suppression piping/valves for leaks, damaged/disconnected hangers	
	• ACT-2 Room	DLR (SAT) / UNSAT 9-14-16
	• Electrical Room	DLR (SAT) / UNSAT 9-14-16
	• Bay and Filter Room	DLR (SAT) / UNSAT 9-14-16
2706-TB	CHECK fire suppression piping/valves for leaks, damaged/disconnected hangers	
	• Tank and compressor room	DLR (SAT) / UNSAT 9-14-16
	• Chemical room	DLR (SAT) / UNSAT 9-14-16
2706-T	Check fire suppression piping/valves for leaks, damaged/disconnected hangers	
	• Electrical Room	DLR (SAT) / UNSAT 9-14-16
	• Riser Room	*See Comments, DLR (SAT) / UNSAT 9-14-16
	• ACT-1 Room (HVAC Room)	DLR (SAT) / UNSAT 9-14-16
	• Bay	DLR (SAT) / UNSAT 9-14-16
	• Lean-tos (check side wall sprinklers)	DLR (SAT) / UNSAT 9-14-16
2706-T Riser Room	Riser 1 Inspection	
	• INSPECT pressure gauges F-PI-2706-243 and F-PI-2706-244 for damage	DLR (SAT) / UNSAT 9-14-16
	• Pressure of F-PI-2706-244	DLR 119 psi 9-14-16
	• Pressure between 70 and 160 psi	DLR (SAT) / UNSAT 9-14-16
	Riser 2 Inspection	
	• INSPECT pressure gauges F-PI-2706-245 and F-PI-2706-246 for damage	DLR (SAT) / UNSAT 9-14-16
	• Pressure of F-PI-2706-245	DLR 107 psi 9-14-16
	• Pressure between 70 and 160 psi	DLR (SAT) / UNSAT 9-14-16
	CHECK fire suppression control valves HFD seal in place and unbroken	
	• F-XX-2706-201	DLR (SAT) / UNSAT 9-14-16
• F-XX-2706-202	DLR (SAT) / UNSAT 9-14-16	
• F-XX-2706-203	DLR (SAT) / UNSAT 9-14-16	
• F-XX-2706-206	DLR (SAT) / UNSAT 9-14-16	
2706-TA ACT 2 Room	CHECK ACT-2 Deluge System	
	• Control Valve F-OSY-2706-296 is OPEN and HFD seal in place	DLR (SAT) / UNSAT 9-14-16
	INSPECT pressure gauge F-PI-2706-300 and F-PI-2706-301 for damage.	DLR (SAT) / UNSAT 9-14-16
	• Pressure of F-PI-2706-300	DLR 102 psi 9-14-16
	• Pressure between 70 and 160 psi	DLR (SAT) / UNSAT 9-14-16
	• Pressure of F-PI-2706-301	DLR 102 psi 9-14-16
	• Pressure between 70 and 160 psi	DLR (SAT) / UNSAT 9-14-16
	Automatic Drain Valve F-CV-2706-553 is NOT DRIPPING	DLR (SAT) / UNSAT 9-14-16
Deluge Spray Nozzle Isolation Valve F-HV-2706-683 is OPEN and LOCKED	DLR (SAT) / UNSAT 9-14-16	

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Monthly Automatic Sprinkler System Inspection Checklist

221-T	CHECK fire suppression piping for leaks.		
	• Pipe Gallery, Section 10 through 20	DUR	(SAT) / UNSAT 9-14-16
	• Electrical Gallery, Section 20	DUR	(SAT) / UNSAT 9-14-16
	Section 20, Pipe Gallery:		
	• System Pressure Gauge F-PI-650	DUR	(SAT) / UNSAT 9-14-16
	• Pressure between 70 and 115 psi	DUR	99 psi 9-14-16
	• Free of physical damage	DUR	(SAT) / UNSAT 9-14-16
	INSPECT 221-T/271-T Riser Pressure Gauges		
	• INSPECT pressure gauges F-PI-667 and F-PI-669 for damage	DUR	(SAT) / UNSAT 9-14-16
	• Pressure of F-PI-669	DUR	116 psi 9-14-16
	• Pressure between 70 and 160 psi	DUR	(SAT) / UNSAT 9-14-16
	221-T/271-T Riser Control Valves are OPEN and HFD seal in place		
	• F-V-651	DUR	(SAT) / UNSAT 9-14-16
	• F-V-653	DUR	(SAT) / UNSAT 9-14-16
271-T	CHECK fire suppression system piping/valves for leaks or damage		
	Basement - except air handling rooms on north side of compressor room	DUR	(SAT) / UNSAT 9-14-16
	1st Floor	DUR	(SAT) / UNSAT 9-14-16
	2nd Floor - except room between south stairs and operating gallery	DUR	(SAT) / UNSAT 9-14-16
	3rd Floor (North Half)	DUR	(SAT) / UNSAT 9-14-16
	3rd Floor (Mezzanine)	DUR	(SAT) / UNSAT 9-14-16
2706-T Complex PIV	Post Indicating Valve 337S		
	337S indicates 'OPEN' [TSR - SR 4.2.1.2]	DUR	(SAT) / UNSAT 9-14-16
	Post Indicating Valve 252S		
	252S indicates 'OPEN'	DUR	(SAT) / UNSAT 9-14-16
MO-433	Check fire suppression piping/valves for leaks		
	• MO-433	DUR	(SAT) / UNSAT 9-14-16
	MO-433 Riser Inspection		
	• INSPECT pressure gauge F-PI-MO433-218 and F-PI-MO433-219 for damage	DUR	(SAT) / UNSAT 9-14-16
	• Pressure of F-PI-MO433-218	DUR	97 psi 9-14-16
	• Pressure between 70 and 160 psi	DUR	(SAT) / UNSAT 9-14-16
	MO-433 Riser Control Valves are OPEN		
	• F-XX-MO433-222	DUR	(SAT) / UNSAT 9-14-16
• F-XX-MO433-250	DUR	(SAT) / UNSAT 9-14-16	
HS-030	(Bin 1) Sprinkler head guard in place	DUR	(SAT) / UNSAT 9-14-16
	(Bin 2) Sprinkler head guard in place	DUR	(SAT) / UNSAT 9-14-16
	(Bin 3) Sprinkler head guard in place	DUR	(SAT) / UNSAT 9-14-16
	Auxiliary fire hose connection port cap in place and area free of obstructions	DUR	(SAT) / UNSAT 9-14-16

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Monthly Automatic Sprinkler System Inspection Checklist

HS-031	(Bin 1) Sprinkler head guard in place	DLR	SAT	UNSAT	9-14-16
	(Bin 2) Sprinkler head guard in place	DLR	SAT	UNSAT	9-14-16
	(Bin 3) Sprinkler head guard in place	DLR	SAT	UNSAT	9-14-16
	Auxiliary fire hose connection port cap in place and area free of obstructions	DLR	SAT	UNSAT	9-14-16
HS-032	(Bin 1) Sprinkler head guard in place	DLR	SAT	UNSAT	9-14-16
	(Bin 2) Sprinkler head guard in place	DLR	SAT	UNSAT	9-14-16
	(Bin 3) Sprinkler head guard in place	DLR	SAT	UNSAT	9-14-16
	Auxiliary fire hose connection port cap in place and area free of obstructions	DLR	SAT	UNSAT	9-14-16

General Comments:

* Condensate Drip pan 2706-T, Riser Room, Drip pan Empty on 9-14-16. Dave Roberts / DLR @ 0945

INSPECTION FINDING	CORRECTIVE ACTION
OPEN ITEMS	DISPOSITION

Operator Name: Jill DShaw / Dave Roberts
 Signature: Jill DShaw / Dave Roberts
 Date & Time: 09-08-16 / 0930 9-14-16 / 1400

Operations Supervisor: [Signature]
 Signature: [Signature]
 Date: 9/14/16

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Appendix E - Monthly Emergency Response Cage Inspection Checklist

SPILL KIT / EMERGENCY RESPONSE BOX	ACCESS CLEAR	SEAL INTACT	INVENTORY COMPLETE
Emergency Response Cage #1 (Pipe Gallery)	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
General Comments:			
INSPECTION FINDING		CORRECTIVE ACTION	
OPEN ITEMS		DISPOSITION	

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date & Time: 9-15-16 / 0800

Operations Supervisor: Andy MIA
 Signature: Andy MIA
 Date: 9/15/16

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Appendix F - Monthly Communication Equipment Inspection Checklist

ITEM	LOCATION	UNIT OPERATIONAL
Radio 904526	Incident Command Post (271-T/213)	SAT UNSAT
Radio 904528	Incident Command Post (271-T/213)	SAT / UNSAT
Radio 904849	Incident Command Post (271-T/213)	SAT / UNSAT
Radio 904850	Incident Command Post (271-T/213)	SAT / UNSAT
Radio 904851	Incident Command Post (271-T/213)	SAT / UNSAT
Radio 904853	Incident Command Post (271-T/213)	SAT UNSAT
Bullhorn	Alternate Incident Command Post (MO-892)	SAT / UNSAT
Bullhorn	Incident Command Post (271-T/213)	SAT / UNSAT

General Comments:

INSPECTION FINDING	CORRECTIVE ACTION
OPEN ITEMS	DISPOSITION

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date & Time: 9-15-16 / 1015

Operations Supervisor: Andy MTR
 Signature: Andy MTR
 Date: 9/15/16

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Appendix G - Weekly Decon Shower Inspection Checklist

Location	Access Clear	Shower Flushed	Shower Handle Operates Properly and Hot Water Works	Shower Head Not Plugged	Tag Signed
Section 20	<input checked="" type="radio"/> SAT / <input type="radio"/> UNSAT	<input checked="" type="radio"/> SAT / <input type="radio"/> UNSAT	<input checked="" type="radio"/> SAT / <input type="radio"/> UNSAT	<input checked="" type="radio"/> SAT / <input type="radio"/> UNSAT	<input checked="" type="radio"/> YES / <input type="radio"/> NO
General Comments:					
INSPECTION FINDING			CORRECTIVE ACTION		
OPEN ITEMS			DISPOSITION		

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date & Time: 9/12/16 0800

Operations Supervisor: Andy MIA
 Signature: Andy MIA
 Date: 9/12/16

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Appendix I - Weekly 2706-T Complex Fire System Pressure Check

LOCATION	ITEM	RESULT
2706-T Riser Room	System Pressure Gauge F-PI-2706-601	
	• Pressure >(greater than) lower control limit of 70 psi [TSR – SR 4.2.1.1]	SAT / UNSAT
	• Pressure ≤ 115 psi	SAT / UNSAT
	• Calibration Current [TSR – SR 4.2.1.1]	SAT / UNSAT
286W (CWC)	• Free of physical damage [TSR – SR 4.2.1.1]	SAT / UNSAT
	System Pressure Gauge 286-WATER-SW-GAGE-1	
	NOTE: This section performed if Gauge F-PI-2706-601 is UNSAT (above), out of service, or otherwise unavailable.	
	• Pressure > (greater than) lower control limit of 70 psi [TSR – SR 4.2.1.1]	SAT / UNSAT (NA)
	• Calibration Current [TSR – SR 4.2.1.1]	SAT / UNSAT (NA)
	• Free of physical damage [TSR – SR 4.2.1.1]	SAT / UNSAT (NA)
General Comments:		
INSPECTION FINDING		CORRECTIVE ACTION
OPEN ITEMS		DISPOSITION

Operator Name: Dave Roberts
 Signature: Dave Roberts
 Date & Time: 9/12/16 0810

Operations Supervisor: Amy Misk
 Signature: [Signature]
 Date: 9/12/16
DSR

Perform Weekly and Daily Surveillance of WMA's

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.2	WMA free of transient combustible material [TSR]	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition.		SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA
4.1.7a	Containment system are free of cracks, gaps & deterioration	SAT/UNSAT		SAT/UNSAT		
4.1.7b	Containment systems free of liquid * 2706-T and TA sumps are exempt from this requirement	SAT/UNSAT				
4.1.8	Containers are elevated or palletized		SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (Rad postings, PCB marks, etc.) are intact and in good condition	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.			SAT/UNSAT/NA		

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed & show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA <i>LMA 07/16</i>	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.16 Thru 4.1.18	TSCA PCB waste: • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.20	Containers stored in rows are; • no more than 2 wide and not stacked • >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.21	ACMP drums or drums requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.22	VERIFY drums listed on the ACMP list are properly labeled, labels are intact, and drums are in a safe configuration.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.23	If NFPA lab pack drums are present in the 2706-T facility: <ul style="list-style-type: none"> No more than 16 lab packs are present in 2706-T Facility Lab Packs are only stored in 2706-TA. Lab packs are not stored directly across an aisle from another lab pack. [TSR; FHA]			SAT / UNSAT / (NA)		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General Housekeeping Orphan Containers/unapproved waste accumulation Unpackaged Waste Spills 	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT
4.1.27	ENSURE no friction mats are used with waste containers			(SAT) UNSAT / NA		
4.1.30	Date of Inspection:	9-14-16	9-14-16	9-14-16	9-14-16	9-14-16
	Time of Inspection:	0806	0909	0943	0758	0749
	Inspector's Name (Printed):	Robert Julian	Robert Julian	Robert Julian	Robert Julian	Robert Julian
	Inspector's Signature:	<i>Robert Julian</i>	<i>Robert Julian</i>	<i>Robert Julian</i>	<i>Robert Julian</i>	<i>Robert Julian</i>

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.2	WMA free of transient combustible material [TSR]	SAT UNSAT	SAT UNSAT	SAT UNSAT	SAT UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT UNSAT / NA	SAT UNSAT / NA	SAT UNSAT / NA
4.1.4	Zones within 243-T are separated by ≥ 20 ft free of combustible material. [TSR]				SAT UNSAT / NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT UNSAT / NA	SAT / UNSAT / NA	SAT UNSAT / NA	SAT / UNSAT / NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.7a thru 4.1.7c	Containment system are free of cracks, gaps & deterioration	SAT UNSAT	SAT UNSAT		
	Containment systems free of liquid	SAT UNSAT	SAT UNSAT		
	Accumulated precipitation in each sump is below 25%. * NOTIFY Supervisor if level is greater than 25%	SAT UNSAT	SAT UNSAT		
4.1.8	Containers are elevated or palletized	SAT UNSAT / NA	SAT / UNSAT / NA	SAT UNSAT / NA	SAT / UNSAT / NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT UNSAT	SAT UNSAT	SAT UNSAT	SAT UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.	SAT UNSAT / NA		SAT UNSAT / NA	
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT UNSAT / NA	SAT / UNSAT / NA	SAT UNSAT / NA	SAT / UNSAT / NA

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage <u>AND</u> containers are closed and show no evidence of leaks or spills	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous <u>AND</u> have major risk label, as applicable	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.16 thru 4.1.18	TSCA PCB waste: • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.19	Incompatible waste is segregated	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.20	Containers stored in rows are [TSR; FHA]; • no more than 2 wide and not stacked • >36 inch wide spacing between rows	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.21	Drums in the ACMP or drum requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / <u>NA</u>			SAT / UNSAT / <u>NA</u>
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,	SAT / UNSAT / <u>NA</u>			SAT / UNSAT / <u>NA</u>

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.24	ENSURE the following controls are met for 243-T facility waste zones: <ul style="list-style-type: none"> No combustible waste containers No open containers filled with waste No plastic spill pallets 				(SAT) UNSAT / NA
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General housekeeping orphan container / unapproved waste accumulation Unpackaged waste Spills 	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT
4.1.27	ENSURE no friction mats are used with waste containers	(SAT) UNSAT / NA			
4.1.30	Date of Inspection:	9-14-16	9-14-16	9-14-16	9-14-16
	Time of Inspection:	0740	0727	0929	0900
	Inspector's Name (Printed):	Robert Julian	Robert Julian	Robert Julian	Robert Julian
	Inspector's Signature:	<i>Robert Julian</i>	<i>Robert Julian</i>	<i>Robert Julian</i>	<i>Robert Julian</i>

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.2	WMA free of transient combustibile material [TSR]	SAT / UNSAT	SAT / UNSAT		
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustibile material. [TSR]		SAT / UNSAT / NA		
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.8	Containers are elevated or palletized		SAT / UNSAT / NA		
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT / UNSAT	SAT / UNSAT / NA		
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed and show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable	SAT / UNSAT / NA	SAT / UNSAT / NA		

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.16 thru 4.1.18	TSCA PCB waste: <ul style="list-style-type: none"> • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR] 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.20	Containers stored in rows are; <ul style="list-style-type: none"> • no more than 2 wide and not stacked • >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / NA		
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,		SAT / UNSAT / NA		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> • General housekeeping • orphan container / unapproved waste accumulation • Unpackaged waste • Spills 	SAT / UNSAT	SAT / UNSAT / NA	SAT / UNSAT	

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.26	VERIFY no Dangerous Waste OR Mixed Waste is present at the following WMAs under closure:				
	271-T Cage (Loading Dock)				(SAT) UNSAT
	221-T Pipe Gallery Storage (Cage)				(SAT) UNSAT
	211-T Pad				(SAT) UNSAT
	221-T Sand Filter Pad				(SAT) UNSAT
	221-T R5 Waste Storage Area (including the 229W tent)				(SAT) UNSAT
	277-T Building				(SAT) UNSAT
	277-T Outdoor Storage Area				(SAT) UNSAT
	221-T Railroad Cut				(SAT) UNSAT
	2706-TB Building				(SAT) UNSAT
4.1.27	ENSURE no friction mats are used with waste containers		(SAT) UNSAT / NA		
4.1.30	Date of Inspection:	9-14-16	9-14-16	9-14-16	9-14-16
	Time of Inspection:	0848	1230	1215	0921
	Inspector's Name (Printed):	Robert Julon	Robert Julon	Robert Julon	Robert Julon
	Inspector's Signature:	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.1.33	(Ops Sup) All drums requiring venting are within the 30-Day clock OR No drums requiring venting are in the drum inventory [TSR]	(SAT) UNSAT	<i>[Signature]</i> 9/14/16 Completed by (Print/Sign/Date)		

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Comments:

① 2 wood pallet > 33 feet from facility LM 9-14-16
②

INSPECTION FINDING	CORRECTIVE ACTION
1	
OPEN ITEMS	DISPOSITION
Operations Supervisor (print/sign/date):	Andy Misk Andy Misk 9/14/16

Perform Daily Surveillance of 2706-T

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Appendix A - 2706-T Daily Surveillance Data Sheet

(This Section performed during 1st Half of Shift)

Date: 9-12-16

Step No.	Operation	Data
3.3 Pre-Start		
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log	
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) / (UNSAT)
3.3.6	REVIEW the previous day's data sheet(s).	
3.3.7	RECORD any open items onto current data sheet.	
3.3.8	RECORD start time of data collection.	0740
4.2 Surveillance of 2706-T Bay		
4.2.1	INSPECT 2706-T bay for signs of leakage or water damage.	(SAT) / (UNSAT) / (W)
4.2.2	INSPECT the 2706-T annunciator panel as follows:	
(a)	TEST the annunciator panel (H-EX-2706T-ANN-355).	SAT / UNSAT (NE)
(b)	VERIFY that the panel has a current copy of ARP-D-463-00001.	SAT / UNSAT (NE)
(d)	ENSURE alarms have been acknowledged and reset.	
4.3 Surveillance of 2706-TA Bay		
4.3.1	INSPECT 2706-TA bay for signs of leakage or water damage.	(SAT) / (UNSAT)
4.3.2	INSPECT the 2706-TA annunciator panel as follows:	
(a)	TEST annunciator panel I-XX-2706-002.	(SAT) / (UNSAT)
(b)	VERIFY there is a current copy of ARP-D-463-00001 at panel.	(SAT) / (UNSAT)
(d)	ENSURE alarms have been acknowledged and reset.	
4.4 Surveillance of 2706-TB/Chemical Addition Room		
4.4.1	INSPECT 2706-TB for signs of leakage or water damage.	(SAT) / (UNSAT)
4.4.2	INSPECT 2706-TB Chemical Addition Room for signs of leakage or water damage.	(SAT) / (UNSAT) 9/12/15
4.5 Surveillance of 2706-T/TA/TB Sumps		
4.5.1	SURVEY 2706-T railroad sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-02, located in 2706-T Electrical Room. Normal operating limit: less than or equal to 80 gallons.	5 Gal
(c)	RECORD previous sump volume reading.	5 Gal
(e)	RECORD volume change from previous shift. Normal limit: less than or equal to 5 gallons	0 Gal
4.5.2	SURVEY 2706-TA HVAC sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-04. Normal operating limit: less than or equal to 45 gallons	12 Gal

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Appendix A - 2706-T Daily Surveillance Data Sheet
(This Section performed during 1st Half of Shift)

Date: 9-12-16

	(c) RECORD previous sump volume reading.	12 Gal
	(e) RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	0 Gal
4.5.3	SURVEY 2706-TA sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-03. <i>Normal operating limit: less than or equal to 420 gallons</i>	64 Gal
	(c) RECORD previous sump volume reading.	65 Gal
	(e) RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	- 1 Gal
4.5.4	VERIFY (visually) no liquid is present in the 2706-T TB sump.	(SAT) UNSAT
4.6 Surveillance of 2706-T Support Areas		
4.6.1	INSPECT 2706-T Electrical Room for signs of leakage or water damage.	(SAT) UNSAT
4.6.2	INSPECT the fire riser room for signs of leakage or water damage.	(SAT) UNSAT / NA
4.6.3	INSPECT ACT-1 ventilation room for leaks or standing water.	(SAT) UNSAT
	(a) VERIFY there is a current copy of ARP-D-463-00001 in the ACT-1 ventilation room.	(SAT) UNSAT
4.6.4	INSPECT ACT-2 ventilation room for leaks or standing water.	(SAT) UNSAT
4.6.5	INSPECT 2706-TA Electrical Room for signs of leakage or water damage.	(SAT) UNSAT
4.6.6	VERIFY pressure reading on MO-433 Fire Riser gauge F-PI-MO433-218 is between 70 and 175 psi.	(SAT) UNSAT
4.7 Surveillance of 2706-T Exterior Areas		
4.7.1	ENSURE the rain-trough on the east roll-up door is free of debris as follows: <i>NOTE: Rain trough on the east rollup door should be inspected weekly, normally on the first working day of the week.</i>	
	(d) RECORD status.	(SAT) UNSAT / NA
4.7.2	INSPECT storage buildings (HS-030, HS-031, and HS-032) as follows: <i>NOTE: Storage buildings (HS-030, HS-031, and HS-032) should be inspected weekly, normally on the first working day of the week.</i>	
	(b) RECORD status of all lights.	HS-030 (SAT) UNSAT / NE HS-031 (SAT) UNSAT / NE HS-032 (SAT) UNSAT / NE
	(c) RECORD status of stored material containers.	HS-030 (SAT) UNSAT / NE HS-031 (SAT) UNSAT / NE HS-032 (SAT) UNSAT / NE
4.7.3	SURVEY 2706-T Yard AND RECORD status of other storage, and accumulation areas, and containers.	(SAT) UNSAT / NA

Perform Daily Surveillance of 2706-T

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Appendix A - 2706-T Daily Surveillance Data Sheet

(This Section performed during 1st Half of Shift)

Date: 9-12-16

4.7.4	RECORD completion time of data collection.	0815
4.7.6	REVIEW completed data sheet with Operations Supervisor.	
GENERAL COMMENTS:		
INSPECTION FINDING		CORRECTIVE ACTION
OPEN ITEMS		DISPOSITION

Operator
 Name: Elaine Hawkins
 Signature: Elaine Hawkins
 Date: 9/12/16

Operations
 Supervisor: Andy MIX
 Signature: Andy MIX
 Date: 9/12/16

Perform Daily Surveillance of 2706-T

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Appendix A - 2706-T Daily Surveillance Data Sheet

(This Section performed during 1st Half of Shift)Date: 9-13-16

Step No.	Operation	Data
3.3 Pre-Start		
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log	
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) / UNSAT
3.3.6	REVIEW the previous day's data sheet(s).	
3.3.7	RECORD any open items onto current data sheet.	
3.3.8	RECORD start time of data collection.	0645
4.2 Surveillance of 2706-T Bay		
4.2.1	INSPECT 2706-T bay for signs of leakage or water damage.	(SAT) / UNSAT (W)
4.2.2	INSPECT the 2706-T annunciator panel as follows:	
	(a) TEST the annunciator panel (H-EX-2706T-ANN-355).	SAT / UNSAT (NE)
	(b) VERIFY that the panel has a current copy of ARP-D-463-00001.	SAT / UNSAT / (NE)
	(d) ENSURE alarms have been acknowledged and reset.	
4.3 Surveillance of 2706-TA Bay		
4.3.1	INSPECT 2706-TA bay for signs of leakage or water damage.	(SAT) / UNSAT
4.3.2	INSPECT the 2706-TA annunciator panel as follows:	
	(a) TEST annunciator panel I-XX-2706-002.	(SAT) / UNSAT
	(b) VERIFY there is a current copy of ARP-D-463-00001 at panel.	(SAT) / UNSAT
	(d) ENSURE alarms have been acknowledged and reset.	
4.4 Surveillance of 2706-TB/Chemical Addition Room		
4.4.1	INSPECT 2706-TB for signs of leakage or water damage.	(SAT) / UNSAT
4.4.2	INSPECT 2706-TB Chemical Addition Room for signs of leakage or water damage.	(SAT) / UNSAT
4.5 Surveillance of 2706-T/TA/TB Sumps		
4.5.1	SURVEY 2706-T railroad sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-02, located in 2706-T Electrical Room. Normal operating limit: less than or equal to 80 gallons.	5 Gal
	(c) RECORD previous sump volume reading.	5 Gal
	(e) RECORD volume change from previous shift. Normal limit: less than or equal to 5 gallons	0 Gal
4.5.2	SURVEY 2706-TA HVAC sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-04. Normal operating limit: less than or equal to 45 gallons	12 Gal

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Date: 9-13-16

	(c) RECORD previous sump volume reading.	12 Gal
	(e) RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	0 Gal
4.5.3	SURVEY 2706-TA sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-03. <i>Normal operating limit: less than or equal to 420 gallons</i>	65 Gal
	(c) RECORD previous sump volume reading.	64 Gal
	(e) RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	+1 Gal
4.5.4	VERIFY (visually) no liquid is present in the 2706-T TB sump.	(SAT) / UNSAT
4.6 Surveillance of 2706-T Support Areas		
4.6.1	INSPECT 2706-T Electrical Room for signs of leakage or water damage.	(SAT) / UNSAT
4.6.2	INSPECT the fire riser room for signs of leakage or water damage.	(SAT) / UNSAT / NA
4.6.3	INSPECT ACT-1 ventilation room for leaks or standing water.	(SAT) / UNSAT
	(a) VERIFY there is a current copy of ARP-D-463-00001 in the ACT-1 ventilation room.	(SAT) UNSAT
4.6.4	INSPECT ACT-2 ventilation room for leaks or standing water.	(SAT) UNSAT
4.6.5	INSPECT 2706-TA Electrical Room for signs of leakage or water damage.	(SAT) UNSAT
4.6.6	VERIFY pressure reading on MO-433 Fire Riser gauge F-PI-MO433-218 is between 70 and 175 psi.	(SAT) UNSAT
4.7 Surveillance of 2706-T Exterior Areas		
4.7.1	ENSURE the rain-trough on the east roll-up door is free of debris as follows: <i>NOTE: Rain trough on the east rollup door should be inspected weekly, normally on the first working day of the week.</i>	
	(d) RECORD status.	(SAT) / UNSAT / NA
4.7.2	INSPECT storage buildings (HS-030, HS-031, and HS-032) as follows: <i>NOTE: Storage buildings (HS-030, HS-031, and HS-032) should be inspected weekly, normally on the first working day of the week.</i>	
	(b) RECORD status of all lights.	HS-030 (SAT) / UNSAT / NE HS-031 (SAT) / UNSAT / NE HS-032 (SAT) / UNSAT / NE
	(c) RECORD status of stored material containers.	HS-030 (SAT) / UNSAT / NE HS-031 (SAT) / UNSAT / NE HS-032 (SAT) / UNSAT / NE
4.7.3	SURVEY 2706-T Yard AND RECORD status of other storage, and accumulation areas, and containers.	(SAT) UNSAT / NA

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Date: 9-13-16

4.7.4	RECORD completion time of data collection.	0723
4.7.6	REVIEW completed data sheet with Operations Supervisor.	
GENERAL COMMENTS:		
INSPECTION FINDING		CORRECTIVE ACTION
OPEN ITEMS		DISPOSITION

Operator Name: Lance martell
 Signature: Lance martell
 Date: 9-13-16

Operations Supervisor: Andrew Mox
 Signature: Andrew Mox
 Date: 9/13/16

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Appendix A - 2706-T Daily Surveillance Data Sheet

(This Section performed during 1st Half of Shift)

Date: 9-14-16

Step No.	Operation	Data
3.3 Pre-Start		
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log	
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) UNSAT
3.3.6	REVIEW the previous day's data sheet(s).	
3.3.7	RECORD any open items onto current data sheet.	
3.3.8	RECORD start time of data collection.	0630
4.2 Surveillance of 2706-T Bay		
4.2.1	INSPECT 2706-T bay for signs of leakage or water damage.	(SAT) UNSAT (W)
4.2.2	INSPECT the 2706-T annunciator panel as follows:	
(a)	TEST the annunciator panel (H-EX-2706T-ANN-355).	SAT / UNSAT (NE)
(b)	VERIFY that the panel has a current copy of ARP-D-463-00001.	SAT / UNSAT (NE)
(d)	ENSURE alarms have been acknowledged and reset.	
4.3 Surveillance of 2706-TA Bay		
4.3.1	INSPECT 2706-TA bay for signs of leakage or water damage.	(SAT) UNSAT
4.3.2	INSPECT the 2706-TA annunciator panel as follows:	
(a)	TEST annunciator panel I-XX-2706-002.	(SAT) UNSAT
(b)	VERIFY there is a current copy of ARP-D-463-00001 at panel.	(SAT) UNSAT
(d)	ENSURE alarms have been acknowledged and reset.	
4.4 Surveillance of 2706-TB/Chemical Addition Room		
4.4.1	INSPECT 2706-TB for signs of leakage or water damage.	(SAT) UNSAT
4.4.2	INSPECT 2706-TB Chemical Addition Room for signs of leakage or water damage.	(SAT) UNSAT
4.5 Surveillance of 2706-T/TA/TB Sumps		
4.5.1	SURVEY 2706-T railroad sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-02, located in 2706-T Electrical Room. <i>Normal operating limit: less than or equal to 80 gallons.</i>	5 Gal
(c)	RECORD previous sump volume reading.	5 Gal
(e)	RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	0 Gal
4.5.2	SURVEY 2706-TA HVAC sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-04. <i>Normal operating limit: less than or equal to 45 gallons</i>	12 Gal

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(This Section performed during 1st Half of Shift)

Date: 9-14-16

	(c) RECORD previous sump volume reading.	12 Gal
	(e) RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	0 Gal
4.5.3	SURVEY 2706-TA sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-03. <i>Normal operating limit: less than or equal to 420 gallons</i>	65 Gal
	(c) RECORD previous sump volume reading.	65 Gal
	(e) RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	0 Gal
4.5.4	VERIFY (visually) no liquid is present in the 2706-T TB sump.	(SAT) / UNSAT
4.6 Surveillance of 2706-T Support Areas		
4.6.1	INSPECT 2706-T Electrical Room for signs of leakage or water damage.	(SAT) / UNSAT
4.6.2	INSPECT the fire riser room for signs of leakage or water damage.	(SAT) UNSAT / NA
4.6.3	INSPECT ACT-1 ventilation room for leaks or standing water.	(SAT) UNSAT
	(a) VERIFY there is a current copy of ARP-D-463-00001 in the ACT-1 ventilation room.	(SAT) UNSAT
4.6.4	INSPECT ACT-2 ventilation room for leaks or standing water.	(SAT) UNSAT
4.6.5	INSPECT 2706-TA Electrical Room for signs of leakage or water damage.	(SAT) UNSAT
4.6.6	VERIFY pressure reading on MO-433 Fire Riser gauge F-PI-MO433-218 is between 70 and 175 psi.	(SAT) / UNSAT
4.7 Surveillance of 2706-T Exterior Areas		
4.7.1	ENSURE the rain-trough on the east roll-up door is free of debris as follows: <i>NOTE: Rain trough on the east rollup door should be inspected weekly, normally on the first working day of the week.</i>	
	(d) RECORD status.	(SAT) / UNSAT / NA
4.7.2	INSPECT storage buildings (HS-030, HS-031, and HS-032) as follows: <i>NOTE: Storage buildings (HS-030, HS-031, and HS-032) should be inspected weekly, normally on the first working day of the week.</i>	
	(b) RECORD status of all lights.	HS-030 (SAT) UNSAT / NE HS-031 (SAT) UNSAT / NE HS-032 (SAT) UNSAT / NE
	(c) RECORD status of stored material containers.	HS-030 (SAT) UNSAT / NE HS-031 (SAT) UNSAT / NE HS-032 (SAT) UNSAT / NE
4.7.3	SURVEY 2706-T Yard AND RECORD status of other storage, and accumulation areas, and containers.	(SAT) / UNSAT / NA

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(This Section performed during 1st Half of Shift)

Date: 9-14-16

4.7.4	RECORD completion time of data collection.	0743
4.7.6	REVIEW completed data sheet with Operations Supervisor.	
GENERAL COMMENTS:		
INSPECTION FINDING		CORRECTIVE ACTION
OPEN ITEMS		DISPOSITION

Operator
 Name: Elaine Hawkins
 Signature: Elaine Hawkins
 Date: 9-14-16

Operations
 Supervisor: Andy Miller
 Signature: Andy Miller
 Date: 9/14/16

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Appendix A - 2706-T Daily Surveillance Data Sheet

(This Section performed during 1st Half of Shift)

Date: 9-15-16

Step No.	Operation	Data
3.3 Pre-Start		
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log	
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) UNSAT
3.3.6	REVIEW the previous day's data sheet(s).	
3.3.7	RECORD any open items onto current data sheet.	
3.3.8	RECORD start time of data collection.	0630
4.2 Surveillance of 2706-T Bay		
4.2.1	INSPECT 2706-T bay for signs of leakage or water damage.	(SAT) / UNSAT (W)
4.2.2	INSPECT the 2706-T annunciator panel as follows:	
(a)	TEST the annunciator panel (H-EX-2706T-ANN-355).	SAT / UNSAT (NE)
(b)	VERIFY that the panel has a current copy of ARP-D-463-00001.	SAT / UNSAT (NE)
(d)	ENSURE alarms have been acknowledged and reset.	
4.3 Surveillance of 2706-TA Bay		
4.3.1	INSPECT 2706-TA bay for signs of leakage or water damage.	(SAT) / UNSAT
4.3.2	INSPECT the 2706-TA annunciator panel as follows:	
(a)	TEST annunciator panel I-XX-2706-002.	(SAT) / UNSAT
(b)	VERIFY there is a current copy of ARP-D-463-00001 at panel.	(SAT) / UNSAT
(d)	ENSURE alarms have been acknowledged and reset.	
4.4 Surveillance of 2706-TB/Chemical Addition Room		
4.4.1	INSPECT 2706-TB for signs of leakage or water damage.	(SAT) / UNSAT
4.4.2	INSPECT 2706-TB Chemical Addition Room for signs of leakage or water damage.	(SAT) / UNSAT
4.5 Surveillance of 2706-T/TA/TB Sumps		
4.5.1	SURVEY 2706-T railroad sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-02, located in 2706-T Electrical Room. Normal operating limit: less than or equal to 80 gallons.	5 Gal
(c)	RECORD previous sump volume reading.	5 Gal
(e)	RECORD volume change from previous shift. Normal limit: less than or equal to 5 gallons	0 Gal
4.5.2	SURVEY 2706-TA HVAC sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-04. Normal operating limit: less than or equal to 45 gallons	19 Gal

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(This Section performed during 1st Half of Shift)

Date: 9/15/16

	(c) RECORD previous sump volume reading.	12 Gal
	(e) RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	0 Gal
4.5.3	SURVEY 2706-TA sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-03. <i>Normal operating limit: less than or equal to 420 gallons</i>	65 Gal
	(c) RECORD previous sump volume reading.	65 Gal
	(e) RECORD volume change from previous shift. <i>Normal limit: less than or equal to 5 gallons</i>	0 Gal
4.5.4	VERIFY (visually) no liquid is present in the 2706-T TB sump.	(SAT) / UNSAT
4.6 Surveillance of 2706-T Support Areas		
4.6.1	INSPECT 2706-T Electrical Room for signs of leakage or water damage.	(SAT) / UNSAT
4.6.2	INSPECT the fire riser room for signs of leakage or water damage.	(SAT) / UNSAT / NA
4.6.3	INSPECT ACT-1 ventilation room for leaks or standing water.	(SAT) / UNSAT
	(a) VERIFY there is a current copy of ARP-D-463-00001 in the ACT-1 ventilation room.	(SAT) / UNSAT
4.6.4	INSPECT ACT-2 ventilation room for leaks or standing water.	(SAT) / UNSAT
4.6.5	INSPECT 2706-TA Electrical Room for signs of leakage or water damage.	(SAT) / UNSAT
4.6.6	VERIFY pressure reading on MO-433 Fire Riser gauge F-PI-MO433-218 is between 70 and 175 psi.	(SAT) / UNSAT
4.7 Surveillance of 2706-T Exterior Areas		
4.7.1	ENSURE the rain-trough on the east roll-up door is free of debris as follows: <i>NOTE: Rain trough on the east rollup door should be inspected weekly, normally on the first working day of the week.</i>	
	(d) RECORD status.	(SAT) / UNSAT / NA
4.7.2	INSPECT storage buildings (HS-030, HS-031, and HS-032) as follows: <i>NOTE: Storage buildings (HS-030, HS-031, and HS-032) should be inspected weekly, normally on the first working day of the week.</i>	
	(b) RECORD status of all lights.	HS-030 (SAT) / UNSAT / NE HS-031 (SAT) / UNSAT / NE HS-032 (SAT) / UNSAT / NE
	(c) RECORD status of stored material containers.	HS-030 (SAT) / UNSAT / NE HS-031 (SAT) / UNSAT / NE HS-032 (SAT) / UNSAT / NE
4.7.3	SURVEY 2706-T Yard AND RECORD status of other storage, and accumulation areas, and containers.	(SAT) / UNSAT / NA

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(This Section performed during 1st Half of Shift)

Date: 9/15/16

4.7.4	RECORD completion time of data collection.	0740
4.7.6	REVIEW completed data sheet with Operations Supervisor.	
GENERAL COMMENTS:		
INSPECTION FINDING		CORRECTIVE ACTION
OPEN ITEMS		DISPOSITION

Operator ^{ED} 9/15/16
 Name: ~~EH~~ Elaine Hawkins
 Signature: *Elaine Hawkins*
 Date: 9-15-16

Operations Supervisor: *Andy MTK*
 Signature: *Andy MTK*
 Date: 9/15/16

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Appendix B - 2706-T Facility Closure Day Surveillance Data Sheet

Date: 09-10-16

9-10-16

Step No.	Operation	Data
3.3 Pre-Start		
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log	
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) UNSAT
3.3.6	REVIEW the previous day's data sheet(s).	
3.3.7	RECORD any open items onto current data sheet.	
3.3.8	RECORD start time of data collection.	09:50
4.9 Facility Closure Day Surveillance		
4.9.1	PERFORM survey of 2706-T railroad sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-02 (normal operating limit: less than or equal to 80 gallons).	5 Gal
(c)	RECORD previous sump volume reading.	6 Gal
(e)	RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	-1 Gal
4.9.2	PERFORM survey of 2706-TA HVAC sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-04 (normal operating limit: less than or equal to 45 gallons).	12 Gal
(c)	RECORD previous sump volume reading.	12 Gal
(e)	RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	0 Gal
4.9.3	PERFORM survey of 2706-TA sump as follows:	
(b)	RECORD present sump volume reading on I-XX-2706-LI-03(normal operating limit: less than or equal to 420 gallons).	65 Gal
(c)	RECORD previous sump volume reading.	65 Gal
(e)	RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	0 Gal
4.9.4	VERIFY (visually) no liquid is present in the 2706-T TB sump.	(SAT) / UNSAT
4.9.5	INSPECT ACT-1 room for signs of leakage or water damage.	(SAT) / UNSAT
4.9.6	INSPECT ACT-2 room for signs of leakage or water damage.	(SAT) / UNSAT
4.9.7	VERIFY pressure reading on MO-433 Fire Riser gauge F-PI-MO433-218 is between 70 and 175 psi.	(SAT) / UNSAT
4.9.8	LOCK ACT-1 and ACT-2 ventilation room, fire riser room, 2706-T, and 2706-TA electrical rooms.	(SAT) / UNSAT

0860
*+4PO
corrected
D/K
10-4-16

Perform Daily Surveillance of 2706-T

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Appendix B - 2706-T Facility Closure Day Surveillance Data Sheet

Date 09-10-16

Step No.	Operation	Data
3.3 Pre-Start		
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log	
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) / UNSAT
3.3.6	REVIEW the previous day's data sheet(s).	
3.3.7	RECORD any open items onto current data sheet.	
3.3.8	RECORD start time of data collection.	0835
4.9 Facility Closure Day Surveillance		
4.9.1	PERFORM survey of 2706-T railroad sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-02 (normal operating limit: less than or equal to 80 gallons).	5 Gal
	(c) RECORD previous sump volume reading.	5 Gal
	(e) RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	0 Gal
4.9.2	PERFORM survey of 2706-TA HVAC sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-04 (normal operating limit: less than or equal to 45 gallons).	12 Gal
	(c) RECORD previous sump volume reading.	12 Gal
	(e) RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	0 Gal
4.9.3	PERFORM survey of 2706-TA sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-03(normal operating limit: less than or equal to 420 gallons).	65 Gal
	(c) RECORD previous sump volume reading.	65 Gal
	(e) RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	0 Gal
4.9.4	VERIFY (visually) no liquid is present in the 2706-T TB sump.	(SAT) / UNSAT
4.9.5	INSPECT ACT-1 room for signs of leakage or water damage.	(SAT) UNSAT
4.9.6	INSPECT ACT-2 room for signs of leakage or water damage.	(SAT) UNSAT
4.9.7	VERIFY pressure reading on MO-433 Fire Riser gauge F-PI-MO433-218 is between 70 and 175 psi.	(SAT) UNSAT
4.9.8	LOCK ACT-1 and ACT-2 ventilation room, fire riser room, 2706-T, and 2706-TA electrical rooms.	(SAT) UNSAT

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Appendix B - 2706-T Facility Closure Day Surveillance Data Sheet

Date: 09-11-16

Step No.	Operation	Data
3.3 Pre-Start		
3.3.3	CHECK OUT surveillance keys and COMPLETE key checkout log	
3.3.5	VERIFY procedure is current revision according to the PRC Procedures System (PPS) and REPLACE, if necessary.	(SAT) / UNSAT
3.3.6	REVIEW the previous day's data sheet(s).	
3.3.7	RECORD any open items onto current data sheet.	
3.3.8	RECORD start time of data collection.	0900
4.9 Facility Closure Day Surveillance		
4.9.1	PERFORM survey of 2706-T railroad sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-02 (normal operating limit: less than or equal to 80 gallons).	5 Gal
	(c) RECORD previous sump volume reading.	5 Gal
	(e) RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	0 Gal
4.9.2	PERFORM survey of 2706-TA HVAC sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-04 (normal operating limit: less than or equal to 45 gallons).	12 Gal
	(c) RECORD previous sump volume reading.	12 Gal
	(e) RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	0 Gal
4.9.3	PERFORM survey of 2706-TA sump as follows:	
	(b) RECORD present sump volume reading on I-XX-2706-LI-03(normal operating limit: less than or equal to 420 gallons).	65 Gal
	(c) RECORD previous sump volume reading.	65 Gal
	(e) RECORD volume change from previous shift (normal limit: less than or equal to 5 gallons).	0 Gal
4.9.4	VERIFY (visually) no liquid is present in the 2706-T TB sump.	(SAT) UNSAT
4.9.5	INSPECT ACT-1 room for signs of leakage or water damage.	(SAT) / UNSAT
4.9.6	INSPECT ACT-2 room for signs of leakage or water damage.	(SAT) / UNSAT
4.9.7	VERIFY pressure reading on MO-433 Fire Riser gauge F-PI-MO433-218 is between 70 and 175 psi.	(SAT) / UNSAT
4.9.8	LOCK ACT-1 and ACT-2 ventilation room, fire riser room, 2706-T, and 2706-TA electrical rooms.	(SAT) / UNSAT

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Appendix C - 2706-T Facility Exit Inspection Data Sheet
 (This section performed during last hour of the working shift)

Date: 9-12-16

Step No.	Operation	Data
4.8 2706-T Facility Exit Inspections		
4.8.1	ENSURE storage buildings (HS-030, HS-031, HS-032) are secured, as follows:	
	(a) ENSURE that lights are secured.	HS-030 <input checked="" type="radio"/> SAT / UNSAT HS-031 <input checked="" type="radio"/> SAT / UNSAT HS-032 <input checked="" type="radio"/> SAT / UNSAT
	(b) ENSURE that the doors are closed and locked.	HS-030 <input checked="" type="radio"/> SAT / UNSAT HS-031 <input checked="" type="radio"/> SAT / UNSAT HS-032 <input checked="" type="radio"/> SAT / UNSAT
4.8.2	ENSURE facility yard is in order and equipment is properly stored.	<input checked="" type="radio"/> SAT / UNSAT
4.8.3	ENSURE that all process equipment has been secured.	<input checked="" type="radio"/> SAT / UNSAT
4.8.4	SECURE maintenance room, storage room, main decontamination bay, 2706-TA, 2706-TB, and chem room as follows:	
	(a) TURN OFF lights.	
	(b) LOCK doors upon exiting building.	<input checked="" type="radio"/> SAT / UNSAT
4.8.5	LOCK ACT-1 and ACT-2 ventilation room, fire riser room, 2706-T and 2706-TA electrical rooms.	<input checked="" type="radio"/> SAT / UNSAT
4.8.6	ENSURE that change trailer (MO-433) and all gates are locked.	<input checked="" type="radio"/> SAT / UNSAT
4.8.7	RECORD completion time of data collection.	1530
4.8.9	REVIEW completed data sheet with Operations Supervisor.	
General Comments:		
INSPECTION FINDING		CORRECTIVE ACTION

Perform Daily Surveillance of 2706-T

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Appendix C - 2706-T Facility Exit Inspection Data Sheet

(This section performed during last hour of the working shift)

Date: 9/12/16

OPEN ITEMS	DISPOSITION

Operator
Name: Elaine Hawkins
Signature: Elaine Hawkins
Date: 9/12/16

Operations
Supervisor: ANDY MITK
Signature: Andy Mitk
Date: 9/12/16

Perform Daily Surveillance of 2706-T

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Appendix C - 2706-T Facility Exit Inspection Data Sheet
(This section performed during last hour of the working shift)

Date: 9-13-16

Step No.	Operation	Data
4.8 2706-T Facility Exit Inspections		
4.8.1	ENSURE storage buildings (HS-030, HS-031, HS-032) are secured, as follows:	
	(a) ENSURE that lights are secured.	HS-030 <input checked="" type="radio"/> SAT / UNSAT HS-031 <input checked="" type="radio"/> SAT / UNSAT HS-032 <input checked="" type="radio"/> SAT / UNSAT
	(b) ENSURE that the doors are closed and locked.	HS-030 <input checked="" type="radio"/> SAT / UNSAT HS-031 <input checked="" type="radio"/> SAT / UNSAT HS-032 <input checked="" type="radio"/> SAT / UNSAT
4.8.2	ENSURE facility yard is in order and equipment is properly stored.	<input checked="" type="radio"/> SAT / UNSAT
4.8.3	ENSURE that all process equipment has been secured.	<input checked="" type="radio"/> SAT / UNSAT
4.8.4	SECURE maintenance room, storage room, main decontamination bay, 2706-TA, 2706-TB, and chem room as follows:	
	(a) TURN OFF lights.	
	(b) LOCK doors upon exiting building.	<input checked="" type="radio"/> SAT / UNSAT
4.8.5	LOCK ACT-1 and ACT-2 ventilation room, fire riser room, 2706-T and 2706-TA electrical rooms.	<input checked="" type="radio"/> SAT / UNSAT
4.8.6	ENSURE that change trailer (MO-433) and all gates are locked.	<input checked="" type="radio"/> SAT / UNSAT
4.8.7	RECORD completion time of data collection.	1519
4.8.9	REVIEW completed data sheet with Operations Supervisor.	
General Comments:		
INSPECTION FINDING		CORRECTIVE ACTION

Perform Daily Surveillance of 2706-T

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Appendix C - 2706-T Facility Exit Inspection Data Sheet

(This section performed during last hour of the working shift)

Date: 9-13-16

OPEN ITEMS	DISPOSITION

Operator Name: Lance Martell

Signature: Lance Martell

Date: 9-13-16

Operations Supervisor: Andy MIA

Signature: Andy MIA

Date: 9/13/16

Perform Daily Surveillance of 2706-T

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Appendix C - 2706-T Facility Exit Inspection Data Sheet
(This section performed during last hour of the working shift)

Date: 9-14-16

Step No.	Operation	Data
4.8 2706-T Facility Exit Inspections		
4.8.1	ENSURE storage buildings (HS-030, HS-031, HS-032) are secured, as follows:	
	(a) ENSURE that lights are secured.	HS-030 SAT UNSAT HS-031 SAT UNSAT HS-032 SAT UNSAT
	(b) ENSURE that the doors are closed and locked.	HS-030 SAT UNSAT HS-031 SAT UNSAT HS-032 SAT UNSAT
4.8.2	ENSURE facility yard is in order and equipment is properly stored.	SAT / UNSAT
4.8.3	ENSURE that all process equipment has been secured.	SAT / UNSAT
4.8.4	SECURE maintenance room, storage room, main decontamination bay, 2706-TA, 2706-TB, and chem room as follows:	
	(a) TURN OFF lights.	
	(b) LOCK doors upon exiting building.	SAT / UNSAT
4.8.5	LOCK ACT-1 and ACT-2 ventilation room, fire riser room, 2706-T and 2706-TA electrical rooms.	SAT / UNSAT
4.8.6	ENSURE that change trailer (MO-433) and all gates are locked.	SAT / UNSAT
4.8.7	RECORD completion time of data collection.	1530
4.8.9	REVIEW completed data sheet with Operations Supervisor.	
General Comments:		
INSPECTION FINDING		CORRECTIVE ACTION

Perform Daily Surveillance of 2706-T

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Appendix C - 2706-T Facility Exit Inspection Data Sheet

(This section performed during last hour of the working shift)

Date: 9-14-16

OPEN ITEMS	DISPOSITION

Operator Name: Elaine Hawkins
Signature: Elaine Hawkins
Date: 9-14-16

Operations Supervisor: Amy Mox
Signature: Amy Mox
Date: 9/14/16

Perform Daily Surveillance of 2706-T

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Appendix C - 2706-T Facility Exit Inspection Data Sheet
(This section performed during last hour of the working shift)

Date: 9/15/16

Step No.	Operation	Data
4.8 2706-T Facility Exit Inspections		
4.8.1	ENSURE storage buildings (HS-030, HS-031, HS-032) are secured, as follows:	
	(a) ENSURE that lights are secured.	HS-030 (SAT) / UNSAT HS-031 (SAT) / UNSAT HS-032 (SAT) / UNSAT
	(b) ENSURE that the doors are closed and locked.	HS-030 (SAT) / UNSAT HS-031 (SAT) / UNSAT HS-032 (SAT) / UNSAT
4.8.2	ENSURE facility yard is in order and equipment is properly stored.	(SAT) / UNSAT
4.8.3	ENSURE that all process equipment has been secured.	(SAT) / UNSAT
4.8.4	SECURE maintenance room, storage room, main decontamination bay, 2706-TA, 2706-TB, and chem room as follows:	
	(a) TURN OFF lights.	
	(b) LOCK doors upon exiting building.	(SAT) / UNSAT
4.8.5	LOCK ACT-1 and ACT-2 ventilation room, fire riser room, 2706-T and 2706-TA electrical rooms.	(SAT) / UNSAT
4.8.6	ENSURE that change trailer (MO-433) and all gates are locked.	(SAT) / UNSAT
4.8.7	RECORD completion time of data collection.	1550
4.8.9	REVIEW completed data sheet with Operations Supervisor.	
General Comments:		
INSPECTION FINDING		CORRECTIVE ACTION

Perform Daily Surveillance of 2706-T

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Appendix C - 2706-T Facility Exit Inspection Data Sheet

(This section performed during last hour of the working shift)

Date: 9/15/16

OPEN ITEMS	DISPOSITION

Operator Name: Elaine Hawkins
Signature: *Elaine Hawkins*
Date: 9/15/16

Operations Supervisor: *Andy MIA*
Signature: *Andy MIA*
Date: 9/15/16



Weekly Inspection Checklist

for Dangerous Waste Container Accumulation Area

For the Month of _____, _____

Mark answers Yes or No below

Week 1	Week 2	Week 3	Week 4	Week 5
--------	--------	--------	--------	--------

	Date	Time	Inspector's Printed Name AND Signature
Week 1	/ /		
Week 2	/ /		
Week 3	/ /		
Week 4	/ /		
Week 5	/ /		

- Are all drums and containers marked or labeled as hazardous waste (or "waste pending analysis")?
- Are all drums and containers marked with the risk associated with the waste?
- Are all containers (excluding satellite containers) marked with the accumulation start date?
- Are any drums near or exceeding the LQG 90-day or MQG 180-day timeframe?
- Are all drum labels visible and readable?
- Are all containers closed?
- Are all drums and containers in good condition?
- Are any drums leaking?
- Is there 30 inches of aisle space between rows of containers?

Containment

- Is the secondary containment free of cracks or other failures?
- Are sumps clean and free of contamination, spills, leaks, and standing water?

Safety Equipment

This section is not required for weekly inspections but will meet some of the general facility inspection requirements.

- Are fire extinguishers charged?
- Are spill kits stocked?
- Is the first aid cabinet stocked?
- Is the emergency shower and eye wash station functioning properly?
- Are the emergency communication devices operating properly?
- Is emergency response information posted near all communication devices? (**MQG only**)

Comments: Describe the actions taken to correct each deficiency noted above, and note date each action was taken.

Reference Washington Dangerous Waste Regulations, Chapter 173-303 WAC for further information, specifically, WAC 173-303-200(1)(b) and by reference 630(6).

Perform Weekly and Daily Surveillance of WMA's

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.2	WMA free of transient combustible material [TSR]	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT/ UNSAT / NA	SAT/ UNSAT / NA	SAT/ UNSAT / NA	SAT/ UNSAT / NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT/ UNSAT / NA	SAT / UNSAT / NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition.		SAT / UNSAT / NA	SAT/ UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.7a	Containment system are free of cracks, gaps & deterioration	SAT/ UNSAT		SAT/ UNSAT		
4.1.7b	Containment systems free of liquid * 2706-T and TA sumps are exempt from this requirement	SAT/ UNSAT				
4.1.8	Containers are elevated or palletized		SAT / UNSAT / NA	SAT/ UNSAT / NA	SAT/ UNSAT / NA	SAT / UNSAT / NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (Rad postings, PCB marks, etc.) are intact and in good condition	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.			SAT/ UNSAT / NA		

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage <u>AND</u> containers are closed & show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous <u>AND</u> have major risk label, as applicable.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

Perform Weekly and Daily Surveillance of WMA's

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.16 Thru 4.1.18	TSCA PCB waste: <ul style="list-style-type: none"> Has PCB label Has "Remove from Service" date < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR] 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.20	Containers stored in rows are; <ul style="list-style-type: none"> no more than 2 wide and not stacked >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.21	ACMP drums or drums requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.22	VERIFY drums listed on the ACMP list are properly labeled, labels are intact, and drums are in a safe configuration.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.23	If NFPA lab pack drums are present in the 2706-T facility: <ul style="list-style-type: none"> No more than 16 lab packs are present in 2706-T Facility Lab Packs are only stored in 2706-TA. Lab packs are not stored directly across an aisle from another lab pack. [TSR; FHA]			SAT / UNSAT 		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General Housekeeping Orphan Containers/unapproved waste accumulation Unpackaged Waste Spills 	 / UNSAT	 / UNSAT	 / UNSAT	 / UNSAT	 / UNSAT
4.1.27	ENSURE no friction mats are used with waste containers			 / UNSAT / NA		
4.1.30	Date of Inspection:	9/17/16	9/17/16	9/17/16	9/17/16	9/17/16
	Time of Inspection:	0826	0831	0840	0735	0747
	Inspector's Name (Printed):	David Williamson	David Williamson	David Williamson	David Williamson	David Williamson
	Inspector's Signature:					

Perform Weekly and Daily Surveillance of WMA's

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.2	WMA free of transient combustible material [TSR]	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.4	Zones within 243-T are separated by ≥ 20 ft free of combustible material. [TSR]				SAT / UNSAT / NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.7a thru 4.1.7c	Containment system are free of cracks, gaps & deterioration	SAT / UNSAT	SAT / UNSAT		
	Containment systems free of liquid	SAT / UNSAT	SAT / UNSAT		
	Accumulated precipitation in each sump is below 25%. * NOTIFY Supervisor if level is greater than 25%	SAT / UNSAT	SAT / UNSAT		
4.1.8	Containers are elevated or palletized	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.	SAT / UNSAT / NA		SAT / UNSAT / NA	
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage <u>AND</u> containers are closed and show no evidence of leaks or spills.	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous <u>AND</u> have major risk label, as applicable	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)
4.1.16 thru 4.1.18	TSCA PCB waste: • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)
4.1.19	Incompatible waste is segregated	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)
4.1.20	Containers stored in rows are [TSR; FHA]; • no more than 2 wide and not stacked • >36 inch wide spacing between rows	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)	(SAT) / UNSAT / NA	SAT / UNSAT / (NA)
4.1.21	Drums in the ACMP or drum requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / (NA)			SAT / UNSAT / (NA)
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,	SAT / UNSAT / (NA)			SAT / UNSAT / (NA)

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.24	ENSURE the following controls are met for 243-T facility waste zones: <ul style="list-style-type: none"> No combustible waste containers No open containers filled with waste No plastic spill pallets 				SAT / UNSAT / NA
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General housekeeping orphan container / unapproved waste accumulation Unpackaged waste Spills 	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.27	ENSURE no friction mats are used with waste containers	SAT / UNSAT / NA			
4.1.30	Date of Inspection:	9/7/16	9/7/16	9/7/16	9/7/16
	Time of Inspection:	0817	0801	0708	0720
	Inspector's Name (Printed):	David Williamson	David Williamson	David Williamson	David Williamson
	Inspector's Signature:				

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.2	WMA free of transient combustibile material [TSR]	SAT UNSAT	SAT UNSAT		
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustibile material. [TSR]		SAT / UNSAT / NA		
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.8	Containers are elevated or palletized		SAT / UNSAT / NA		
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT / UNSAT	SAT / UNSAT / NA		
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed and show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable	SAT / UNSAT / NA	SAT / UNSAT / NA		

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)		
4.1.16 thru 4.1.18	TSCA PCB waste: <ul style="list-style-type: none"> Has PCB label Has "Remove from Service" date < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)	(SAT) / UNSAT / NA	
4.1.19	Incompatible waste is segregated	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)		
4.1.20	Containers stored in rows are; <ul style="list-style-type: none"> no more than 2 wide and not stacked >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / (NA)		
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,		SAT / UNSAT / (NA)		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General housekeeping orphan container / unapproved waste accumulation Unpackaged waste Spills 	(SAT) / UNSAT	(SAT) / UNSAT / NA	(SAT) / UNSAT	

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.26	VERIFY no Dangerous Waste <u>OR</u> Mixed Waste is present at the following WMAs under closure:				
	271-T Cage (Loading Dock)				SAT / UNSAT
	221-T Pipe Gallery Storage (Cage)				SAT / UNSAT
	211-T Pad				SAT / UNSAT
	221-T Sand Filter Pad				SAT / UNSAT
	221-T R5 Waste Storage Area (including the 229W tent)				SAT / UNSAT
	277-T Building				SAT / UNSAT
	277-T Outdoor Storage Area				SAT / UNSAT
	221-T Railroad Cut				SAT / UNSAT
2706-TB Building				SAT / UNSAT	
4.1.27	ENSURE no friction mats are used with waste containers		SAT / UNSAT <u>NA</u>		
4.1.30	Date of Inspection:	9/7/16	9/7/16	9/7/16	9/7/16
	Time of Inspection:	0655	0927	0940	0845
	Inspector's Name (Printed):	David Williamson	David Williamson	David Williamson	David Williams
	Inspector's Signature:	<i>David Williamson</i>	<i>David Williamson</i>	<i>David Williamson</i>	<i>David Williams</i>
4.1.33	(Ops Sup) All drums requiring venting are within the 30-Day clock <u>OR</u> No drums requiring venting are in the drum inventory [TSR]	SAT / UNSAT	<i>Andy Mick Andy Trip 9/7/16</i> Completed by (Print/Sign/Date)		

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.2	WMA free of transient combustible material [TSR]	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition.		SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA
4.1.7a	Containment system are free of cracks, gaps & deterioration	SAT/UNSAT		SAT/UNSAT		
4.1.7b	Containment systems free of liquid * 2706-T and TA sumps are exempt from this requirement	SAT/UNSAT				
4.1.8	Containers are elevated or palletized		SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA	SAT/UNSAT/NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (Rad postings, PCB marks, etc.) are intact and in good condition	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.			SAT/UNSAT/NA		

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4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed & show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA <i>LM 07/28/16</i>	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.16 Thru 4.1.18	TSCA PCB waste: • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.20	Containers stored in rows are; • no more than 2 wide and not stacked • >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.21	ACMP drums or drums requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.22	VERIFY drums listed on the ACMP list are properly labeled, labels are intact, and drums are in a safe configuration.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.23	If NFPA lab pack drums are present in the 2706-T facility: <ul style="list-style-type: none"> No more than 16 lab packs are present in 2706-T Facility Lab Packs are only stored in 2706-TA. Lab packs are not stored directly across an aisle from another lab pack. [TSR; FHA]			SAT / UNSAT / (NA)		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General Housekeeping Orphan Containers/unapproved waste accumulation Unpackaged Waste Spills 	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT
4.1.27	ENSURE no friction mats are used with waste containers			(SAT) UNSAT / NA		
4.1.30	Date of Inspection:	9-14-16	9-14-16	9-14-16	9-14-16	9-14-16
	Time of Inspection:	0806	0909	0943	0758	0749
	Inspector's Name (Printed):	Robert Julian	Robert Julian	Robert Julian	Robert Julian	Robert Julian
	Inspector's Signature:	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.2	WMA free of transient combustible material [TSR]	SAT UNSAT	SAT UNSAT	SAT UNSAT	SAT UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT UNSAT / NA	SAT UNSAT / NA	SAT UNSAT / NA
4.1.4	Zones within 243-T are separated by ≥ 20 ft free of combustible material. [TSR]				SAT UNSAT / NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT UNSAT / NA	SAT / UNSAT / NA	SAT UNSAT / NA	SAT / UNSAT / NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.7a thru 4.1.7c	Containment system are free of cracks, gaps & deterioration	SAT UNSAT	SAT UNSAT		
	Containment systems free of liquid	SAT UNSAT	SAT UNSAT		
	Accumulated precipitation in each sump is below 25%. * NOTIFY Supervisor if level is greater than 25%	SAT UNSAT	SAT UNSAT		
4.1.8	Containers are elevated or palletized	SAT UNSAT / NA	SAT / UNSAT / NA	SAT UNSAT / NA	SAT / UNSAT / NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT UNSAT	SAT UNSAT	SAT UNSAT	SAT UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.	SAT UNSAT / NA		SAT UNSAT / NA	
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT UNSAT / NA	SAT / UNSAT / NA	SAT UNSAT / NA	SAT / UNSAT / NA

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage <u>AND</u> containers are closed and show no evidence of leaks or spills	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous <u>AND</u> have major risk label, as applicable	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.16 thru 4.1.18	TSCA PCB waste: • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.19	Incompatible waste is segregated	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.20	Containers stored in rows are [TSR; FHA]; • no more than 2 wide and not stacked • >36 inch wide spacing between rows	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA	SAT / UNSAT / <u>NA</u>
4.1.21	Drums in the ACMP or drum requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / <u>NA</u>			SAT / UNSAT / <u>NA</u>
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,	SAT / UNSAT / <u>NA</u>			SAT / UNSAT / <u>NA</u>

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.24	ENSURE the following controls are met for 243-T facility waste zones: <ul style="list-style-type: none"> No combustible waste containers No open containers filled with waste No plastic spill pallets 				(SAT) UNSAT / NA
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General housekeeping orphan container / unapproved waste accumulation Unpackaged waste Spills 	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT	(SAT) UNSAT
4.1.27	ENSURE no friction mats are used with waste containers	(SAT) UNSAT / NA			
4.1.30	Date of Inspection:	9-14-16	9-14-16	9-14-16	9-14-16
	Time of Inspection:	0740	0727	0929	0900
	Inspector's Name (Printed):	Robert Julian	Robert Julian	Robert Julian	Robert Julian
	Inspector's Signature:	<i>Robert Julian</i>	<i>Robert Julian</i>	<i>Robert Julian</i>	<i>Robert Julian</i>

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.2	WMA free of transient combustibile material [TSR]	SAT / UNSAT	SAT / UNSAT		
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustibile material. [TSR]		SAT / UNSAT / NA		
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.8	Containers are elevated or palletized		SAT / UNSAT / NA		
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT / UNSAT	SAT / UNSAT / NA		
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed and show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable	SAT / UNSAT / NA	SAT / UNSAT / NA		

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.16 thru 4.1.18	TSCA PCB waste: <ul style="list-style-type: none"> • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR] 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.20	Containers stored in rows are; <ul style="list-style-type: none"> • no more than 2 wide and not stacked • >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / NA		
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,		SAT / UNSAT / NA		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> • General housekeeping • orphan container / unapproved waste accumulation • Unpackaged waste • Spills 	SAT / UNSAT	SAT / UNSAT / NA	SAT / UNSAT	

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Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.26	VERIFY no Dangerous Waste OR Mixed Waste is present at the following WMAs under closure:				
	271-T Cage (Loading Dock)				(SAT) UNSAT
	221-T Pipe Gallery Storage (Cage)				(SAT) UNSAT
	211-T Pad				(SAT) UNSAT
	221-T Sand Filter Pad				(SAT) UNSAT
	221-T R5 Waste Storage Area (including the 229W tent)				(SAT) UNSAT
	277-T Building				(SAT) UNSAT
	277-T Outdoor Storage Area				(SAT) UNSAT
	221-T Railroad Cut				(SAT) UNSAT
	2706-TB Building				(SAT) UNSAT
4.1.27	ENSURE no friction mats are used with waste containers		(SAT) UNSAT / NA		
4.1.30	Date of Inspection:	9-14-16	9-14-16	9-14-16	9-14-16
	Time of Inspection:	0848	1230	1215	0921
	Inspector's Name (Printed):	Robert Julon	Robert Julon	Robert Julon	Robert Julon
	Inspector's Signature:	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.1.33	(Ops Sup) All drums requiring venting are within the 30-Day clock OR No drums requiring venting are in the drum inventory [TSR]	(SAT) UNSAT	<i>[Signature]</i> 9/14/16 Completed by (Print/Sign/Date)		

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Comments:

① 2 wood pallet > 33 feet from facility LM 9-14-16
②

INSPECTION FINDING	CORRECTIVE ACTION
1	
OPEN ITEMS	DISPOSITION
Operations Supervisor (print/sign/date):	Andy Misk Andy Misk 9/14/16

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Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.2	WMA free of transient combustible material [TSR]	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT ⁽¹⁾
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA ⁽¹⁾
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition.		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.7a	Containment system are free of cracks, gaps & deterioration	SAT / UNSAT		SAT / UNSAT		
4.1.7b	Containment systems free of liquid * 2706-T and TA sumps are exempt from this requirement	SAT / UNSAT				
4.1.8	Containers are elevated or palletized		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (Rad postings, PCB marks, etc.) are intact and in good condition	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.			SAT / UNSAT / NA		

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Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed & show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.16 Thru 4.1.18	TSCA PCB waste: • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.20	Containers stored in rows are; • no more than 2 wide and not stacked • >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.21	ACMP drums or drums requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.22	VERIFY drums listed on the ACMP list are properly labeled, labels are intact, and drums are in a safe configuration.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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4.1.23	If NFPA lab pack drums are present in the 2706-T facility: <ul style="list-style-type: none"> No more than 16 lab packs are present in 2706-T Facility Lab Packs are only stored in 2706-TA. Lab packs are not stored directly across an aisle from another lab pack. [TSR; FHA]			SAT / UNSAT / NA		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General Housekeeping Orphan Containers/unapproved waste accumulation Unpackaged Waste Spills 	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.27	ENSURE no friction mats are used with waste containers			SAT / UNSAT / NA		
4.1.30	Date of Inspection:	09-21-16	09-21-16	09-21-16	09-21-16	09-21-16
	Time of Inspection:	0710	0708	0720	0730	0750
	Inspector's Name (Printed):	Jill DShupe	Jill DShupe	Jill DShupe	Jill DShupe	Jill DShupe
	Inspector's Signature:	<i>Jill DShupe</i>	<i>Jill DShupe</i>	<i>Jill DShupe</i>	<i>Jill DShupe</i>	<i>Jill DShupe</i>

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.2	WMA free of transient combustible material [TSR]	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.4	Zones within 243-T are separated by ≥ 20 ft free of combustible material. [TSR]				SAT / UNSAT / NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.7a thru 4.1.7c	Containment system are free of cracks, gaps & deterioration	SAT / UNSAT	SAT / UNSAT		
	Containment systems free of liquid	SAT / UNSAT	SAT / UNSAT		
	Accumulated precipitation in each sump is below 25%. * NOTIFY Supervisor if level is greater than 25%	SAT / UNSAT	SAT / UNSAT		
4.1.8	Containers are elevated or palletized	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.	SAT / UNSAT / NA		SAT / UNSAT / NA	
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> Container not bulging Containers free of physical damage Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage <u>AND</u> containers are closed and show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous <u>AND</u> have major risk label, as applicable	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.16 thru 4.1.18	TSCA PCB waste: • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.20	Containers stored in rows are [TSR; FHA]; • no more than 2 wide and not stacked • >36 inch wide spacing between rows	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.21	Drums in the ACMP or drum requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / NA			SAT / UNSAT / NA
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,	SAT / UNSAT / NA			SAT / UNSAT / NA

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.24	ENSURE the following controls are met for 243-T facility waste zones: <ul style="list-style-type: none"> No combustible waste containers No open containers filled with waste No plastic spill pallets 				SAT / UNSAT (NA)
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General housekeeping orphan container / unapproved waste accumulation Unpackaged waste Spills 	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT
4.1.27	ENSURE no friction mats are used with waste containers	(SAT) / UNSAT / NA			
4.1.30	Date of Inspection:	09-21-16	09-21-16	09-21-16	09-21-16
	Time of Inspection:	0810	0820	0840	0855
	Inspector's Name (Printed):	Jill D Shupe	Jill D Shupe	Jill D Shupe	Jill D Shupe
	Inspector's Signature:	<i>Jill D Shupe</i>	<i>Jill D Shupe</i>	<i>Jill D Shupe</i>	<i>Jill D Shupe</i>

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.2	WMA free of transient combustible material [TSR]	SAT / UNSAT	SAT / UNSAT		
4.1.3	Outdoor facility zones separated by \geq 33 ft free of combustible material. [TSR]		SAT / UNSAT / NA		
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.8	Containers are elevated or palletized		SAT / UNSAT / NA		
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT / UNSAT	SAT / UNSAT / NA		
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed and show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable	SAT / UNSAT / NA	SAT / UNSAT / NA		

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)		
4.1.16 thru 4.1.18	TSCA PCB waste: <ul style="list-style-type: none"> • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR] 	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)	(SAT) / UNSAT / NA	
4.1.19	Incompatible waste is segregated	SAT / UNSAT / (NA)	SAT / UNSAT / (NA)		
4.1.20	Containers stored in rows are; <ul style="list-style-type: none"> • no more than 2 wide and not stacked • >36 inch wide spacing between rows [TSR; FHA] 		SAT / UNSAT / (NA)		
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,		SAT / UNSAT / (NA)		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> • General housekeeping • orphan container / unapproved waste accumulation • Unpackaged waste • Spills 	(SAT) / UNSAT	(SAT) / UNSAT / NA	(SAT) / UNSAT	

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Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.26	VERIFY no Dangerous Waste OR Mixed Waste is present at the following WMAs under closure:				
	271-T Cage (Loading Dock)				(SAT) UNSAT
	221-T Pipe Gallery Storage (Cage)				(SAT) / UNSAT
	211-T Pad				(SAT) / UNSAT
	221-T Sand Filter Pad				(SAT) / UNSAT
	221-T R5 Waste Storage Area (including the 229W tent)				(SAT) / UNSAT
	277-T Building				(SAT) / UNSAT
	277-T Outdoor Storage Area				(SAT) / UNSAT
	221-T Railroad Cut				(SAT) / UNSAT
	2706-TB Building				(SAT) / UNSAT
4.1.27	ENSURE no friction mats are used with waste containers		SAT / UNSAT / (NA)		
4.1.30	Date of Inspection:	09-21-16	09-21-16	09-21-16	09-21-16
	Time of Inspection:	1022	1000	1015	1030
	Inspector's Name (Printed):	Jill D Shupe	Jill D Shupe	Jill D Shupe	Jill D Shupe
	Inspector's Signature:	<i>Jill D Shupe</i>	<i>Jill D Shupe</i>	<i>Jill D Shupe</i>	<i>Jill D Shupe</i>
4.1.33	(Ops Sup) All drums requiring venting are within the 30-Day clock OR No drums requiring venting are in the drum inventory [TSR]	(SAT) / UNSAT	<i>Andy MEX</i> Completed by (Print/Sign/Date) <i>Andy MEX 9/22/16</i>		

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Comments: 4.1.3. 211 Cage is temporary storage for propane tanks and is not used to store waste. Proper documentation is in place.

INSPECTION FINDING	CORRECTIVE ACTION
① 2 wood pallets and 2-rubber backed rugs need disposed of. transient materials from construction components. gds 9/21/16	① 2 WOOD PALLETS ARE STAGED FOR LATER USE AND ARE GREATER THAN 33 FEET FROM BUILDING. RUG IS USED AS A "TARP" PROTECTING SWIFT BEAR/RR STOP. Am 9/22/16
OPEN ITEMS	DISPOSITION

Operations Supervisor (print/sign/date): Andy MITK Andy MITK 9/22/16

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Appendix A - T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.2	WMA free of transient combustible material [TSR]	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition.		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.7a	Containment system are free of cracks, gaps & deterioration	SAT / UNSAT		SAT / UNSAT		
4.1.7b	Containment systems free of liquid * 2706-T and TA sumps are exempt from this requirement	SAT / UNSAT				
4.1.8	Containers are elevated or palletized		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (Rad postings, PCB marks, etc.) are intact and in good condition	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.			SAT / UNSAT / NA		

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4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT/ UNSAT / NA	SAT / UNSAT / NA	SAT/ UNSAT / NA	SAT/ UNSAT / NA	SAT / UNSAT / NA
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed & show no evidence of leaks or spills	SAT/ UNSAT / NA	SAT / UNSAT / NA	SAT/ UNSAT / NA	SAT/ UNSAT / NA	SAT / UNSAT / NA
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable.	SAT/ UNSAT / NA	SAT / UNSAT / NA	SAT/ UNSAT / NA	SAT/ UNSAT / NA	SAT / UNSAT / NA

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Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.16 Thru 4.1.18	TSCA PCB waste: <ul style="list-style-type: none"> Has PCB label Has "Remove from Service" date < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR] 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.20	Containers stored in rows are; <ul style="list-style-type: none"> no more than 2 wide and not stacked >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.21	ACMP drums or drums requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.22	VERIFY drums listed on the ACMP list are properly labeled, labels are intact, and drums are in a safe configuration.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Step No.	Inspection Item	HS-030 & HS-032 Storage Modules (2706-T Yard)	2706-T Yard	2706-T & TA Buildings and Outdoor Storage Areas	2706-T Asphalt Pad	221-T Railroad Tunnel (Outdoor Storage area)
4.1.23	If NFPA lab pack drums are present in the 2706-T facility: <ul style="list-style-type: none"> No more than 16 lab packs are present in 2706-T Facility Lab Packs are only stored in 2706-TA. Lab packs are not stored directly across an aisle from another lab pack. [TSR; FHA]			SAT / UNSAT / NA		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General Housekeeping Orphan Containers/unapproved waste accumulation Unpackaged Waste Spills 	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.27	ENSURE no friction mats are used with waste containers			SAT / UNSAT / NA		
4.1.30	Date of Inspection:	9-28-16	9-28-16	9-28-16	9-28-16	9-28-16
	Time of Inspection:	0930	0930	0900	1000	1030
	Inspector's Name (Printed):	Laura Johnson	Laura Johnson	Laura Johnson	Laura Johnson	Laura Johnson
	Inspector's Signature:	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.2	WMA free of transient combustible material [TSR]	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustible material. [TSR]		SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.4	Zones within 243-T are separated by ≥ 20 ft free of combustible material. [TSR]				SAT / UNSAT / NA
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.7a thru 4.1.7c	Containment system are free of cracks, gaps & deterioration	SAT / UNSAT	SAT / UNSAT		
	Containment systems free of liquid	SAT / UNSAT	SAT / UNSAT		
	Accumulated precipitation in each sump is below 25%. * NOTIFY Supervisor if level is greater than 25%	SAT / UNSAT	SAT / UNSAT		
4.1.8	Containers are elevated or palletized	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT	SAT / UNSAT
4.1.10	Waste accumulation containers secured AND an inventory is attached or immediately available.	SAT / UNSAT / NA		SAT / UNSAT / NA	
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA

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Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed and show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.16 thru 4.1.18	TSCA PCB waste: • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR]	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.20	Containers stored in rows are [TSR; FHA]; • no more than 2 wide and not stacked • >36 inch wide spacing between rows	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA
4.1.21	Drums in the ACMP or drum requiring venting are protected from environmental conditions [TSR]	SAT / UNSAT / NA			SAT / UNSAT / NA
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,	SAT / UNSAT / NA			SAT / UNSAT / NA

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Step No.	Inspection Item	214-T Building	211-T Cage	221-T BY Storage (Boneyard)	243-T Covered Storage Pad
4.1.24	ENSURE the following controls are met for 243-T facility waste zones: <ul style="list-style-type: none"> No combustible waste containers No open containers filled with waste No plastic spill pallets 				(SAT) / UNSAT / NA
4.1.25	INSPECT the following; <ul style="list-style-type: none"> General housekeeping orphan container / unapproved waste accumulation Unpackaged waste Spills 	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT	(SAT) / UNSAT
4.1.27	ENSURE no friction mats are used with waste containers	SAT / UNSAT / (NA)			
4.1.30	Date of Inspection:	9-28-16	9-28-16	9-28-16	9-28-16
	Time of Inspection:	0830	0800	1300	1100
	Inspector's Name (Printed):	Laura Johnson	Laura Johnson	Laura Johnson	Laura Johnson
	Inspector's Signature:	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Perform Weekly and Daily Surveillance of WMA's

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.2	WMA free of transient combustibile material [TSR]	SAT / UNSAT	SAT / UNSAT		
4.1.3	Outdoor facility zones separated by ≥ 33 ft free of combustibile material. [TSR]		SAT / UNSAT / NA		
4.1.5	PCB, F020 thru F023, F026, F027, D001, & D003 waste on secondary containment	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.6	Secondary containment (Spill Pallets) is free of liquid and in good physical condition	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.8	Containers are elevated or palletized		SAT / UNSAT / NA		
4.1.9	Barricades (chain, rope, fences, doors, etc.) AND postings (RAD postings, PCB marks, etc.) are intact and in good condition.	SAT / UNSAT	SAT / UNSAT / NA		
4.1.11	Check accessible surfaces of waste containers as follows: [TSR] <ul style="list-style-type: none"> • Container not bulging • Containers free of physical damage • Containers free of corrosion 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.12	No precipitation collected on drum lids with NucFil filters <i>Note: Drums in hydrogen abatement period may not be covered.</i>		SAT / UNSAT / NA		
4.1.13	Containers are stored in manner that precludes rupture, damage, or leakage AND containers are closed and show no evidence of leaks or spills	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.14	Dangerous/hazardous waste containers are marked as dangerous or hazardous AND have major risk label, as applicable	SAT / UNSAT / NA	SAT / UNSAT / NA		

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.15	VERIFY Container ID number and other labeling & markings (e.g. Radioactive Material, Dose & Contamination values, Fissile Material, Fissile Material Content) are intact, unobscured, legible, and in good condition.	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.16 thru 4.1.18	TSCA PCB waste: <ul style="list-style-type: none"> • Has PCB label • Has "Remove from Service" date • < 180 days has passed since removed from service (does not apply to radioactive materials) [CFR] 	SAT / UNSAT / NA	SAT / UNSAT / NA	SAT / UNSAT / NA	
4.1.19	Incompatible waste is segregated	SAT / UNSAT / NA	SAT / UNSAT / NA		
4.1.20	Containers stored in rows are; <ul style="list-style-type: none"> • no more than 2 wide and not stacked • >36 inch wide spacing between rows [TSR; FHA]		SAT / UNSAT / NA		
4.1.22	Verify drums listed on the current ACMP list are properly labeled, labels are intact, and drums are in a safe configuration,		SAT / UNSAT / NA		
4.1.25	INSPECT the following; <ul style="list-style-type: none"> • General housekeeping • orphan container / unapproved waste accumulation • Unpackaged waste • Spills 	SAT / UNSAT	SAT / UNSAT / NA	SAT / UNSAT	

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Appendix A (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Step No.	Inspection Item	221-T Ops Gallery Storage	221-T Head End and Ramp	271-T Mezzanine Tank	Closed Waste Storage Areas
4.1.26	VERIFY no Dangerous Waste OR Mixed Waste is present at the following WMAs under closure:				
	271-T Cage (Loading Dock)				SAD / UNSAT
	221-T Pipe Gallery Storage (Cage)				SAD / UNSAT
	211-T Pad				SAD / UNSAT
	221-T Sand Filter Pad				SAD / UNSAT
	221-T R5 Waste Storage Area (including the 229W tent)				SAD / UNSAT
	277-T Building				SAD / UNSAT
	277-T Outdoor Storage Area				SAD / UNSAT
	221-T Railroad Cut				SAD / UNSAT
	2706-TB Building				SAD / UNSAT
4.1.27	ENSURE no friction mats are used with waste containers		SAT / UNSAT / NA		
4.1.30	Date of Inspection:	9-28-16	9-28-16	9-28-16	9-28-16
	Time of Inspection:	0730	1230	0700	1330
	Inspector's Name (Printed):	Walter Johnson	Walter Johnson	Walter Johnson	Walter Johnson
	Inspector's Signature:	Walter Johnson	Walter Johnson	Walter Johnson	Walter Johnson
4.1.33	(Ops Sup) All drums requiring venting are within the 30-Day clock OR No drums requiring venting are in the drum inventory [TSR]	SAD / UNSAT	Completed by (Print/Sign/Date) Andrew Mack Andy Mack 9/28/16		

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Appendix A - (Cont.) T Plant Weekly Waste Management Area Inspection Data Sheet

Comments: ZIT IS NOT BEING USED FOR WASTE STORAGE AT THIS TIME.

INSPECTION FINDING	CORRECTIVE ACTION
① FADED & PEELING LABELS.	① REPLACED 9-28-16 LUL
② CARPET ON TUGGER.	② CARPET IS IN USE AS A TARP. Am
OPEN ITEMS	DISPOSITION
Operations Supervisor (print/sign/date):	Andrew MSA Andy Tully 9/28/16 re