CHANGE HISTORY (≤ LAST 5 REV-MODS)

<table>
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<tr>
<th>Rev-Mod</th>
<th>Release Date</th>
<th>Justification</th>
<th>Summary of Changes</th>
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<tr>
<td>L-6</td>
<td>11/26/2018</td>
<td>Operations Request</td>
<td>Added, “This applies to Steps 5.5.2, 5.5.5, 5.6.2 and 5.6.4” to signature sheet. Modified Data Sheets 1 and 2.</td>
</tr>
<tr>
<td>L-5</td>
<td>03/20/2018</td>
<td>Operations Request</td>
<td>Updated the procedure to the Writer’s Standard. Clarified the scope of the procedure and added new Attachment 1 detailing the totalizer reset.</td>
</tr>
<tr>
<td>L-4</td>
<td>02/28/2018</td>
<td>Incorporating E-DARF changes at close of work</td>
<td>Sections 4.3, 5.5 and 5.6 have been changed removing a special instruction per Document Owner and Data Sheet 1 has been updated.</td>
</tr>
<tr>
<td>L-3</td>
<td>02/14/2018</td>
<td>Operations request</td>
<td>Page 14 Step 5.5.2 table changed valve labels, added new valve. Struck out step 2.1.2 “The 241-AP flush pit service water pressure detection switch is set at approximately 15 psi. Running water to the 241-AP flush pit will cause the service water pressure detection switch to activate. This will cause alarms at the 242-A Evaporator.”</td>
</tr>
<tr>
<td>L-2</td>
<td>01/30/2018</td>
<td>Inconsequential change</td>
<td>Inconsequential change to pages 24 and 25 Signature blocks for Data Sheet 1 and 2 were not allowing enough room on top of signature line to sign. Increased provided space.</td>
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</tbody>
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1.0 PURPOSE AND SCOPE

1.1 Purpose

This procedure provides instructions for connecting/disconnecting flush hose to AP flush pit, performing and monitoring water addition to tank farms and maintaining inventory of water usage in the tank farms.

1.2 Scope

1.2.1 This procedure applies to tank farm water surveillance and usage.

1.2.2 This procedure applies to water usage used for contamination control/construction support.

1.2.3 This procedure applies to connecting and disconnecting flush hose to AP flush pit and operating valves.

1.2.4 This procedure applies to water additions including large water additions to DSTs and SSTs (i.e.; > 10,000 gal to DSTs and 100 Series SSTs, and > 1,000 gal to 200 Series SSTs) that meet the requirements of Administrative Control Key Element 5.9.1, “DST and SST Time to Lower Flammability Limit”.

1.2.4.1 Water additions to a Double Shell tank shall be performed in accordance with OSD-T-151-00007, Operating Specification for Double-Shell Storage Tanks.

1.2.4.2 Water Additions to a Single-Shell tank shall be performed in accordance with OSD-T-151-00013, Operating Specification for Single-Shell Waste Storage Tanks.

2.0 INFORMATION

2.1 General Information

2.1.1 For farms having no permanent water meter, a portable water meter may be connected to an above-ground hose.
3.0 PRECAUTIONS AND LIMITATIONS

3.1 Personnel Safety

3.1.1 Contact IH for appropriate sample plan.

3.2 Radiation and Contamination Control

3.2.1 When work is performed in or when work will result in a high contamination, high radiation, or an airborne radioactivity area, an approved work package or technical procedure must be developed which is reviewed by Radiological Control per the ALARA work planning procedure TFC-ESHQ-RP_RWP-C-03.

3.2.2 When this procedure is worked in radiological areas, an approved radiological work permit (RWP) is required. If radiological conditions or work performed falls outside the scope of the RWP, all work activities must be discontinued until a new or revised RWP has been issued in accordance with TFC-ESHQ-RP_RWP-C-03.

3.2.3 When disconnecting, breaching or opening systems or system components that are currently or previously connected to waste tanks or waste transfer systems;
- Continuous HPT coverage is required
- Pre-job and post-job surveys are required
- A wet rag will be used to contain the breach until radiological verifications have been performed.

3.3 Environmental Compliance

3.3.1 No discharge from a single activity may exceed sixty (60) gallons of water in a Contamination Area per TFC-ESHQ-ENV_RM-C-04, Water Discharge at Tank Farms. Immediately report to WRPS Environmental Protection in accordance with Environmental Protection On-Call List discharges exceeding 60 gallons of water.

3.3.2 No ponding of liquid is allowed, and to avoid soil erosion use pre-job planning measures to limit soil erosion.

3.3.3 If operating gasoline/diesel driver equipment, ensure a drip pan is under motor to prevent oil contacting soil.
3.4 Limits

OPERATING SPECIFICATION DOCUMENTS (OSDs)

OSD-T-151-00013, Operating Specifications for Single-Shell Waste Storage Tanks
OSD-T-151-00007, Operating Specifications for the Double Shell Storage Tanks
HNF-SD-WM-TSR-006, Tank Farms Technical Safety Requirements
AC 5.9.1, DST and SST Time to Lower Flammability Limit

PERMITS

ST 4511, Categorical State Waste Discharge Permit.

4.0 PREREQUISITES

4.1 Special Tools, Equipment and Supplies

The following supplies may be needed to perform this procedure:
- Gloves (waterproof gloves may be necessary if work is performed within a surface contamination area)
- Portable radio (2-way)
- Portable water meter
- Sleeving (clear preferred).
- Water hose(s)
- Wrench key for APFP-RW-V-133 (at Central Shift Office)

4.2 Performance Documents

The following procedures may be needed to perform this procedure:
- TF-OR-DR-AN, AN Daily Rounds
- TF-OR-DR-AZ, AZ Daily Rounds
- TF-OR-DR-EV, EV Daily Rounds
- TF-OR-DR-ST, ST Daily Rounds.
4.3 Field Preparations

Special Instruction

4.3.1 IF performing routine surveillance GO TO Section 5.1.

4.3.2 IF AP Flush Pit hose requires connecting or disconnecting, ENSURE Shift Manager is aware of the activity AND

GO TO Section 5.5 to connect AP Flush Pit hose,

OR

GO TO Section 5.6 to disconnect AP Flush Pit hose.

4.3.3 OBTAIN Shift Manager(SM)/Operations Engineer (OE) approval.

4.3.3.1 IF water usage is for contamination control/construction support, complete Data Sheet 1/Data Sheet 2 and GO TO 5.7.1.

4.3.3.2 SM/OE confirm affected tank has sufficient gallons remaining in Tank Addition (TADD) to allow for water addition AND RECORD amount authorized on Data Sheet 1/Data Sheet 2.

4.3.3.3 IF TADD gallons remaining does not allow for water addition CONTACT Process Engineering.
5.0 PROCEDURE

Special Instruction

NOTE - Readings must be obtained and recorded within the time interval specified on appropriate round sheet listed in Section 4.2.

- Closing the supply valve upstream of a Backflow Preventer invalidates its functional testing. The Backflow Preventer will then require functional testing prior to being placed back in service.

- Sections may be performed as needed, provided applicable pre-requisites are met.

5.1 Perform Routine Surveillance

5.1.1 RECORD time and date on appropriate round sheet listed in Section 4.2.

NOTE - Figure 2 provides information on how to read AW Farm flow meter totalizer AW801-RW-FQI-120.

5.1.2 RECORD current water meter reading at the interval specified on appropriate round sheet listed in Section 4.2.

5.1.3 IF directed by SM/OE, RESET AP801-RW-FIT-001 as described in Attachment 1.

5.1.4 CHECK position of the supply and bypass valves for each meter.

5.1.5 INSPECT pit for visible leaks, pools of water, or other signs of leakage.

5.1.6 REPORT to the SM/OE any supply or bypass valve found OPEN that is NOT open for planned water usage or when any leakage is found.

5.1.6.1 IF directed by the SM/OE, CLOSE supply or bypass valve found OPEN.

5.1.7 IF any unexpected change occurs in the readings for any water meter, NOTIFY SM.

5.1.8 SM/OE REVIEW AND SIGN completed data sheets.
5.2 Water Usage Using a Large Volume Water Truck

5.2.1 PRIOR to water usage, ENSURE a water meter is installed.

5.2.2 ENSURE all hoses are connected AND IF present, CONFIRM water truck discharge valve at end of hose is CLOSED.

5.2.3 RECORD BEGINNING water meter reading on Data Sheet 1/Data Sheet 2.

5.2.4 OPEN water truck discharge valves AND IF present, OPEN discharge valve at end of hose.

5.2.5 PERFORM Functional Test of the water meter as follows:

5.2.5.1 VISUALLY INSPECT water meter to verify that totalizer is advancing properly.

5.2.5.2 CHECK that water is moving through the meter, as indicated by the following:
- Flow noises (hissing, valve chattering, etc.)
- Observance of water movement through a sight glass, if installed
- Indication on an installed pressure gauge.

5.2.5.3 CHECK appropriate box on Data Sheet 1/Data Sheet 2 under Functional Test.

5.2.6 IF water meter fails during usage, PERFORM the following:

5.2.6.1 IMMEDIATELY CLOSE water truck discharge valve.

5.2.6.2 NOTIFY SM/OE.

5.2.6.3 ESTIMATE volume of water used AND RECORD water volume on Data Sheet 1/Data Sheet 2.

5.2.6.4 IDENTIFY the recorded volume as an estimate on Data Sheet 1/Data Sheet 2.

5.2.6.5 REPAIR/REPLACE water meter.

5.2.6.6 GO-TO Step 5.2.1.
5.2 Water Usage Using a Large Volume Water Truck (Cont.)

5.2.7 IF any leakage is noticed, PERFORM the following:

5.2.7.1 CLOSE water truck discharge valves.

5.2.7.2 NOTIFY SM/OE.

5.2.7.3 IF directed to continue by SM/OE, RECORD leakage amount on Data Sheet 1/Data Sheet 2.

5.2.7.4 GO-TO Step 5.2.1.

5.2.8 WHEN water usage is complete, CLOSE water truck discharge valves.

5.2.9 IF portable water meter was used, REMOVE portable water meter.

5.2.10 ENSURE all applicable hoses are dis-connected.

5.2.11 RECORD FINAL water meter reading on Data Sheet 1/Data Sheet 2.

5.2.12 CALCULATE the ACTUAL VOLUME used AND RECORD on Data Sheet 1/Data Sheet 2.

5.2.13 SUBMIT completed Data Sheets to SM/OE.

5.2.14 RETAIN a copy of the Data Sheets with the applicable work package and or technical procedure.

5.2.15 SM/OE PERFORM “Inventory Update” in Tank Addition eTool (TADD).

5.2.16 SM/OE, SEND all completed Water Usage Data Sheets to Tank Farm to the File Custodian located at 274-AW for records submission in accordance with TFC-BSM-IRM_DC-C-02, “Records Management” AND SEND completed copies to mailbox “^Process Engineering & Environmental.”
5.3 Water Usage Using a Flush Truck, Mobile Water Trailer or Carboy

5.3.1 **OBTAIN** SM/OE approval to use any of the following:
- Flush truck,
- Mobile water trailer
  **OR**
- Carboy.

5.3.2 **RECORD** “N/A” in unused water meter identification blocks on Data Sheet 1/Data Sheet 2.

5.3.3 **PRIOR** to water usage, **DETERMINE** volume of water in flush truck, mobile water trailer, or carboy.

5.3.4 **DOCUMENT** BEGINNING volume of flush truck water on Data Sheet 1/Data Sheet 2.

5.3.5 **PERFORM** water addition.

5.3.6 **DOCUMENT** FINAL volume on Data Sheet 1/Data Sheet 2.

5.3.7 **CALCULATE** the ACTUAL volume used **AND** **RECORD** on Data Sheet 1/Data Sheet 2.

5.3.8 **SUBMIT** completed Data Sheets to SM/OE.

5.3.9 **RETAIN** a copy of the Data Sheets with the applicable work package and or technical procedure.

5.3.10 SM/OE **PERFORM** “Inventory Update” in Tank Addition eTool (TADD).

5.3.11 SM/OE, **SEND** all completed Water Usage Data Sheets to Tank Farm to the File Custodian located at 274-AW for records submission in accordance with TFC-BSM-IRM_DC-C-02, “Records Management” **AND** **SEND** completed copies to mailbox “^Process Engineering & Environmental”.
5.4 Bypass AW Flush Pit

NOTE - See Figure 1.

5.4.1 NOTIFY SM/OE that water to AW Flush Pit will be temporarily isolated.

5.4.2 ENSURE valve AW801-RW-V-115 is CLOSED.

5.4.3 ENSURE valve AW801-RW-V-112 is OPEN.

NOTE - At the direction of the FWS either valve AW801-RW-V-113 and/or AW801-RW-V-114 may be opened.

5.4.4 OPEN valve(s) AW801-RW-V-113 and/or AW801-RW-V-114 as directed by FWS AND DOCUMENT actions taken on Data Sheet 3.

Special Instruction

Upon completion of the activity, the water system must be restored to the flush pit as directed by FWS.

5.4.5 ENSURE AW801-RW-V-113 and/or AW801-RW-V-114 are CLOSED AND DOCUMENT on Data Sheet 3.

5.4.6 ENSURE valve AW801-RW-V-112 is CLOSED.

5.4.7 ENSURE valve AW801-RW-V-115 is OPEN.

5.4.8 NOTIFY SM/OE that water has been restored to AW Flush Pit.
5.5 Connect AP Flush Pit Hose to Valve APFP-RW-V-133 Connection

5.5.1 **ENSURE** all personnel performing steps within this section complete Signature Sheet 1.

5.5.2 **ENSURE** the following valve lineup:

<table>
<thead>
<tr>
<th>Valve</th>
<th>Desired Position</th>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP801-RW-V-015</td>
<td>CLOSED</td>
<td></td>
</tr>
</tbody>
</table>

5.5.3 **CONFIRM** Administrative Lock Condition is established on all physically connected transfer pumps.

5.5.4 **CONFIRM** AP Flush Pit hose is connected to Valve APFP-RW-V-133

**OR**

IF AP Flush Pit hose is not connected, **CONNECT** Flush Pit hose as follows:

5.5.4.1 **PERFORM** contamination and radiation survey of the work area during sleeving and connecting of the flushing hose.

NOTE - Hose is located inside flush pit.

5.5.4.2 **VERIFY** flush hose is connected to hose connection inside FLUSH PIT 241-AP.

NOTE - Clear sleeving is preferred.

5.5.4.3 **ENSURE** sleeving is long enough to direct any leakage into flush pit when installed on flush hose.

5.5.4.4 **CONNECT** flushing hose to valve APFP-RW-V-133 hose connection.

5.5.4.5 **SECURE** sleeving above cam lock.

5.5.4.6 **NOTIFY** SM/OE flush hose is connected and sleeved.
5.5 Connect AP Flush Pit Hose to Valve APFP-RW-V-133 Connection

5.5.5 **ENSURE** the following valve lineup is completed:

<table>
<thead>
<tr>
<th>Valve Identification</th>
<th>Valve Position</th>
<th>Operator</th>
<th>Independent Verifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>APFP-RW-V-133</td>
<td>OPEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APFP-RW-V-207</td>
<td>OPEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APFP-RW-V-208</td>
<td>OPEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APFP-RW-V-209</td>
<td>CLOSED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 Valve APFP-RW-V-209 is a two-way ball valve without stops. Valve is CLOSED when handle is perpendicular to the pipe or pit cover schematic.
5.6 Disconnect AP Flush Pit Hose from Valve APFP-RW-V-133 Connection

5.6.1 **ENSURE** all personnel performing steps within this section complete Signature Sheet 1

5.6.2 **ENSURE** post-flush valve lineup is completed as follows:

<table>
<thead>
<tr>
<th>Valve Identification</th>
<th>Valve Position</th>
<th>Operator</th>
<th>Independent Verifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>APFP-RW-V-133</td>
<td>CLOSED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APFP-RW-V-207</td>
<td>CLOSED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APFP-RW-V-208</td>
<td>CLOSED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APFP-RW-V-209</td>
<td>OPEN</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FWS/OE Signature / Print (First & Last) / Date

1 Valve APFP-RW-V-209 is a two-way ball valve without stops. Valve is OPEN when handle is in-line to the pipe or pit cover schematic.

5.6.3 **CONFIRM** AP Flush Pit hose is disconnected from Valve APFP-RW-V-133,

**OR**

**IF** AP Flush Pit hose is connected, **DISCONNECT** Flush Pit hose as follows:

5.6.3.1 **PERFORM** contamination and radiation survey of the work area during removal of sleeving and disconnecting of the flushing hose.

5.6.3.2 **DISCONNECT** flushing hose from valve APFP-RW-V-133 hose connection.

5.6.3.3 **NOTIFY** SM/OE flush hose is disconnected.
5.6 Disconnect AP Flush Pit Hose from Valve APFP-RW-V-133 Connection (Cont.)

5.6.4 ENSURE the following valve lineup.

<table>
<thead>
<tr>
<th>Valve Identification</th>
<th>Valve Position</th>
<th>Operator Initials/Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>APFP-RW-V-209 ¹</td>
<td>CLOSED</td>
<td></td>
</tr>
</tbody>
</table>

---

¹ Valve APFP-RW-V-209 is a two-way ball valve without stops. Valve is CLOSED when handle is perpendicular to the pipe or pit cover schematic.
5.7 Records

5.7.1 PERFORM the following for records identified within this procedure.

5.7.2 RECORD the number of times the record was generated in applicable column,

OR

PLACE a check mark (✓) in the N/A column.

5.7.3 SUBMIT the package for verification of completed records.

<table>
<thead>
<tr>
<th>Records Submittal Checklist</th>
<th>Number of Times Completed</th>
<th>N/A (✓)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Step 5.5.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Step 5.5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 5.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Step 5.6.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Step 5.6.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Sheets</td>
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<td></td>
</tr>
<tr>
<td>Data Sheet 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Sheet 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Sheet 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signature Sheets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signature Sheet 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FWS/OE/Shift Manager SEND the completed records to the Central Shift Office for records retention.

/________________________/________________________
FWS/OE/Shift Manager Signature Print (First and Last) Date

The record custodian identified in the Company-Level Record Inventory and Disposition Schedule (RID) is responsible for record retention in accordance with TFC-BSM-IRM_DC-C-02.
Attachment 1 - AP801-RW-FIT-001 Water Meter Totalizer Reset

On bottom of totalizer there are three sensors. Pressing and holding the middle sensor for approximately 5 seconds will show the DISPLAY UNLOCK Screen.

On the DISPLAY UNLOCK Screen, the PUSH SW sequence to unlock the screen is:
Left, middle, left, middle and right.

The CNT sensor is used to go to the next screen.

Attachment 1 Continued On Next Page
Pressing and holding the CLR sensor for approximately 3 seconds will prompt user to reset.

Pressing the OK sensor will reset the totalizer.

Pressing the ESC sensor returns the FIT-001 to the measurement mode.
NOTE: The raw water line has been permanently piped into the flush pit. The flush line from the 241-AW Flush Pit is blanked in AW02E Pit. Raw water needed for other uses must be obtained from a source external to AW Farm.
Figure 2 – AW Flow Meter Totalizer AW801-RW-FQI-120

Read this meter clockwise from top left zero:

0 0 0 0 0 1 5 2 gal

Red pointers are used to derive values.
Figure 3 - C Farm Water Service Location

NOTE: Water addition to C-Farm is from POR132 or POR357. Water skid to POR122 or POR290. Raw Water manifold.
Figure 4 - SY Farm Water Service Locations

- Raw Water
- Backflow Preventer Enclosure
- Supply Valve to SY-A Flush Pit and SY-A Valve Pit
- From TK-302C Water

SY Water Service Pit

271- SY Instrument Building

SYVPA-RW-V-130

102-SY

SY-A Flush Pit

SYSP-RW-V-129

SYSP-RW-V-101

Raw Water Supply to TK-302-C

SYSP-RW-V-102

Supply Valve

SYSP-RW-V-114

SYSP-RW-V-115

SYSP-RW-V-118

1 1/2" to SY Farm HCs And S/SX SW Dilution Systems

SYSP-RW-V-104

SYSP-RW-V-105

BFP Enclosure

Flow Meter

SYSP-RW-FQI-101

Strainer

SY Water Service Pit Detail
Figure 5 - AP Farm Water Service Locations

- TK-101
- TK-102
- TK-103
- TK-104
- TK-105
- TK-106
- TK-107
- TK-108
- TK-109

- 3" RW
- 1 STRAINER
- 2 BACKFLOW PREVENTER
- 3 FLOWMETER
- 4 WATER SUPPLY VALVE
- AP SERVICE BLDG
- HYDRANT
- FLUSH PIT
- VALVE
- HOSE BIB STATION
- AP VALVE PIT
- PRIMAR
- RISER
- #24
- TANK TRUCK HOSE CONN
- CAPPE
- TYPICAL
- ANNULUS
- EXHAUST
- PRIMARY
- EXHAUST
- HOSE BIB STATION (TYPICAL)
- TANK TRUCK HOSE CONN
- CAPPE

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Figure 6 - S/SX Farm Water Service Locations
Data Sheet 1 – DST Farm Water Usage Data Sheet

NOTE - One data sheet is required for EACH water usage activity.

<table>
<thead>
<tr>
<th>DST Water Usage</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td></td>
</tr>
<tr>
<td>Time:</td>
<td></td>
</tr>
<tr>
<td>Work Package/Procedure #</td>
<td></td>
</tr>
</tbody>
</table>

Tank Farm area in which water is to be used: ____________________________

Description of water usage and type (raw or potable): ____________________________

Water Source:
(If water truck, give location where truck was filled):

Maximum amount of water to be used (gallons):

TADD “gallons remaining” allows for addition?

YES [ ]   NO [ ]   NA [ ]

Where will this water drain:
Routine water usage for contamination control and construction support?

YES [ ]   NO [ ]

SM/OE Signature ____________________________ / ____________________________ Print (First & Last) ____________________________ Date ____________________________

WATER USAGE READINGS

<table>
<thead>
<tr>
<th>Meter Identification</th>
<th></th>
</tr>
</thead>
</table>

Water meter functioning properly:

YES [ ]   NO [ ]

Beginning Reading: ____________________________

Final Reading: ____________________________

Actual Volume Used (gal) ____________________________

Operator Signature ____________________________ / ____________________________ Print (First & Last) ____________________________ Date ____________________________

SM/OE Signature ____________________________ / ____________________________ Print (First & Last) ____________________________ Date ____________________________

Special Instructions:
SM/OE UPDATE in Tank Addition eTool (TADD) AND SEND completed copies to mailbox “~Process Engineering & Environmental.”

Comments:

T S R Compliance
## Data Sheet 2 – SST Farm Water Usage Data Sheet

**NOTE** - One data sheet is required for **EACH** water usage activity.

### SST Water Usage

<table>
<thead>
<tr>
<th>Date:</th>
<th>Time:</th>
<th>Work Package/Procedure #</th>
</tr>
</thead>
</table>

- **Tank Farm area in which water is to be used:**
- **Description of water usage and type (raw or potable):**
- **Water Source (location where truck was filled):**
- **Maximum amount of water to be used (gallons):**
- **TADD “gallons remaining” allows for addition?**  
  - YES [ ]  
  - NO [ ]  
  - NA [ ]
- **Where will this water drain:**
- **Routine water usage for contamination control and construction support?**  
  - YES [ ]  
  - NO [ ]

**Criteria for water additions to the tank:**
- Retrieved SSTs - Up to 50 gallons raw water per periodic ENRAF flush prior to closure.
- SSTs undergoing retrieval - Additions to be made per the applicable TWRWP or F&R.
- All other SSTs not being retrieved - Up to 100 gallons.

**SM/OE Signature**  
/________________________________________/ ______________________  
(First & Last) Date

**Manager PO Engineering Signature**  
/________________________________________/ ______________________  
(First & Last) Date

### WATER USAGE READINGS

- **Meter Identification:**
- **Water meter functioning properly:**  
  - YES [ ]  
  - NO [ ]
- **Beginning Reading:**
- **Final Reading:**
- **Actual Volume Used:** (gal)

**Operator Signature**  
/________________________________________/ ______________________  
(First & Last) Date

**SM/OE Signature**  
/________________________________________/ ______________________  
(First & Last) Date

**Special Instructions**
- Manager PO Engineering approval is required for all other SSTs not being retrieved and for additions over 100 gallons.
- Not needed for water added to ground for contamination control/construction support.

**SM/OE UPDATE** in Tank Addition eTool (TADD) AND SEND completed copies to mailbox “Process Engineering & Environmental.”

**Comments:**
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SM/OE/FWS Review Signature / Print (first & last) / Date
All persons participating in the performance of this procedure shall enter their signature, printed name (First & Last), and initials below. This applies to Steps 5.5.2, 5.5.5, 5.6.2 and 5.6.4

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