



- INTERLOCKS**
- 11 - STOP PUMP IF PRESSURE > 275 PSI
 - 12 - STOP PUMP IF FLOW < 25 GPM AND PUMP RUNNING > 10 SECONDS
 - 13 - STOP PUMP IF WT HANDSHAKE SIGNALS ARE NOT SATISFIED
 - 14 - STOP PUMP IF TFMCS PERMISSIVE CONTACTS NOT CLOSED

- NOTES:**
- 1 EQUIPMENT IDENTIFICATION NUMBERS ARE PREFIXED WITH AP06A-WT-.
 - 2 DURING COMMISSIONING, JUMPER [L-M-(H)] IS INSTALLED TO RECYCLE TO AP-106. A 0.765" DIAMETER ORIFICE IS LOCATED WITHIN CONNECTOR M.
 - 3 SEE CONTROL STRATEGY (RPP-RPT-61171) AND INTERFACE CONTROL DOCUMENT (24590-WTP-ICD-MG-01-030) FOR DETAILS OF INTERFACE WITH WTP.
 - 4 WT HANDSHAKE SIGNALS AND TRANSFER DATA FROM RPP-RPT-61745/24590-WTP-RPT-05-19-002, REV. B-1.

TABLE 1
WT TRANSFER DATA FROM TOC TO WTP

SIGNAL TAG	SIGNAL DESCRIPTION
TBD	LEAK DETECTED BY AP FARM
TBD	LAW TRANSFER PUMP P001A RUNNING
TBD	LAW TRANSFER PUMP P001B RUNNING
TBD	AP-106 LEVEL

TABLE 2
WT TRANSFER DATA FROM WTP TO TOC

SIGNAL TAG	SIGNAL DESCRIPTION
TBD	LAW TRANSFER VOLUME
TBD	LAW LINE FLUSH VOLUME
TBD	WTP MEASURED FEED FLOW RATE
TBD	WTP MEASURED FEED FLOW TOTALIZER
TBD	WTP MEASURED FEED FLOW DENSITY
TBD	WTP MEASURED FLUSH FLOW RATE
TBD	WTP MEASURED FLUSH FLOW TOTALIZER
TBD	WTP MEASURED FLUSH FLOW DENSITY
TBD	PUMP DEP-PMP-0003A STATUS
TBD	PUMP DEP-PMP-0003B STATUS
TBD	VALVE YV-0108 STATUS
TBD	VALVE YV-0230 STATUS
TBD	VALVE YV-8360 STATUS
TBD	VALVE YV-8371 STATUS
TBD	VALVE YV-8382 STATUS
TBD	LCP-VSL-00001 LEVEL
TBD	LCP-VSL-00002 LEVEL
TBD	DEP-VSL-00003A LEVEL
TBD	DEP-VSL-00003B LEVEL
TBD	DEP-VSL-00003C LEVEL
TBD	WTP MEASURED FEED FLOW RADIOACTIVITY



FOR PERMITTING ONLY
MECHANICAL - PWB
9/20/20

TANK 241-AP-106
SCALE: NONE

ATKINS 2345 STEVENS DRIVE SUITE 240 RICHLAND, WA 99354

SNC-LAVALIN Member of the SNC-Lavalin Group

CAUTION: NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE

NAME	DATE	STATUS
W.P. SALVERS		APPROVED
J.R. BYERS		APPROVED

U.S. DEPARTMENT OF ENERGY
Office of River Protection
WASTE TRANSFER SYSTEM (WT) P & ID

REVISED BY: F
DATE: H-14-020803
SCALE: NONE

14485

DWG NUMBER	TITLE	REFERENCES
H-14-111376	DRAWING LIST/TITLE SHEET	

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