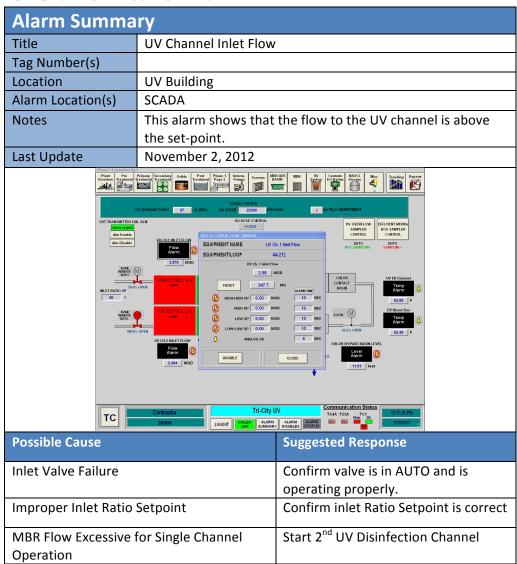
UV Disinfection Process Alarms

The UV Disinfection System process alarms include:

- 1. UV Channel Inlet Flow Alarm
- 2. UV Channel Level Alarm
- 3. UV Effluent Channel Temperature Alarm
- 4. Effluent Mixing Box Temperature Alarm
- 5. Chlorine Bypass Basin Level Alarm

UV Channel Inlet Flow Alarm



UV Channel Level Alarm

Alarm Summary	
Title	UV Channel Level Alarm
Tag Number(s)	

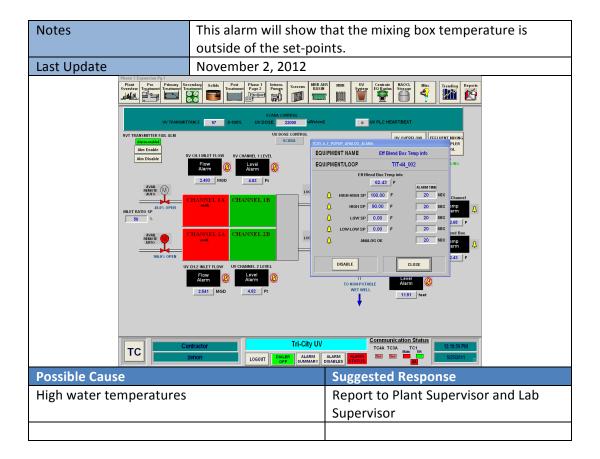
Location	UV Building
Alarm Location(s)	SCADA
Notes	This alarm will show that the channel level is too high or too
	low.
Last Update	November 2, 2012
Plane Expansion Pal Plant Pre Primary Screen Proverview Treatment Treatmen	Condary Solids Post Phase 1 Inform. Pumps Page 2 Informed Page
UVT TRANSMITTER FAIL ALM	UV DOSE CONTROL UV OVERET OW FEEL HEAT MIXING
Alm Enable Alm Disable	NO CHAINLET FLOW UV CHANNEL 1 LEVEL EQUIPMENT NAME UV Channel 1 Level Flow Level Alarm Alarm Alarm Alarm
BULET BATTO SP (7 % CPEH)	1,801 MGO
PROMPE AUTO 100.0% OPEN	CHANNEL 2A CHANNEL 2B LOC ANALOG OK 5 SEC OF THE PROPERTY OF T
	Alarm O Alarm TO NOR-POTABLE AND Alarm O TO NOR-POTABLE O
	Tri-City UV Communication Status TCAT TCA TCA TCAT TCAT TCAT TCAT TCAT T
Possible Cause	Suggested Response
MBR Plant Flow is off	Check Intermediate Pumps
MBR Flow is to high for si	ngle channel Start 2 nd UV Channel
operation	

UV Effluent Channel Temperature Alarm

Alarm Summary	
Title	UV Effluent Channel Temperature Alarm
Tag Number(s)	
Location	UV Building
Alarm Location(s)	SCADA
Notes	This alarm will show that the channel temperature is outside
	of the set-points.
Last Update	November 2, 2012
Possible Cause	Suggested Response

Effluent Mixing Box Temperture Alarm

Alarm Summary	
Title	UV Channel Level Alarm
Tag Number(s)	
Location	UV Building
Alarm Location(s)	SCADA



Chlorine Contact Basin Level Alarm

Alarm Summary	
Title	UV Channel Level Alarm
Tag Number(s)	
Location	UV Building
Alarm Location(s)	SCADA
Notes	This alarm will show that the wet well level is too high or too
	low.
Last Update	November 2, 2012

