To: John Riesbeck

Cc: Jennifer Williams

Tony Reilly

Steve Castagnola

Phil Denny

Harry Fanning

Ashley Anderson

Charles Reese

Water Flow Activation Alarm System - Monthly Testing Logbook

Subject: Monthly Testing for Water Flow Activation Alarm System

Month: August 2022

Testing was performed on the Water Flow Activation Alarm system connected to the eyewash and safety showers in the R&D Chem Room, Production Acid Chemroom, T-Trench, CMSA, DAC, and the PSB. Ingress Crash buttons (ingress) were included in the monthly test.

Routine testing of the systems ensures functional units and alerting systems for emergency responders and potential incidents. Performance objectives include water flow, proper function of the emergency flashing light, audible alarms, the de-energizing of the magnetic doors and the paging system.

There is no audible local alarm connected to the PSB, CMSA, and the DAC, however, there is a vocalized alarm connected that is heard over the intercom system in the Test Lab Addition and in the Test Lab bldg. 58 which specifies the activations of the water flow in these buildings/areas.

**RESULTS*:* All systems functioned for the Main Clean Room (only system tested) with the exception of the Guard Security alarm detections. Guards were not able to receive any alarms and were not able to clear the systems for further testing.**

**Two Man Rule remains in effect until further notice.**