

FIELD PROCEDURES FOR RESPONDING TO A SEWER PUMP STATION FAILURE

The District owns and operates two wastewater lift stations; Meadows Lift Station and the Islands Lift Station. The District also provides maintenance service for the low pressure wastewater systems within the Rimrock Subdivision Area of the District. Other Low pressure systems are proposed in the future; High Vista Area and the South Village Area. Sewer pump stations are design to have a minimum of 6 hours of containment and redundant pumps. A pump station alarm should be investigated as soon as possible to determine the cause of the failure, effect repairs and avoid an SSO event.

District Lift Station Facility

Pump station failure alarms are generated from the station control system and will notify the duty officer and wastewater supervisor via the SCADA system.

Step 1 – Determine the cause of the failure and if a spill has occurred.

Step 2 – If a spill has occurred start the Procedures for Responding to a Sanitary Sewer Overflow.

Step 3 – Determine the cause of the alarm and notify appropriate maintenance personnel to make repairs.

Private On-Site Low Pressure Wastewater Systems

Failures of private on-site low pressure wastewater systems are generated by an alarm horn and light at the station and the property owner (or neighbor) calls in the alarm to the District office. The wastewater duty officer will be notified by the answering service if after hour. Some systems have auto dialers that will automatically call the main office in the event of a failure.

Step 1 – Notify the property owner to reduce wastewater flows to prolong emergency storage capacity.

Step 2 - Determine the cause of the failure and if a spill has occurred.

Step 3 – If a spill has occurred start the Procedures for Responding to a Sanitary Sewer Overflow.

Step 4 – Determine the cause of the alarm and notify appropriate maintenance personnel to make repairs.