

GSA / BMD Incident Report

Reported by (BMD): David Misquez Date (report): 3-7-2013

Reported by (customer) (incident): 3-7-2013

Equipment #: 11060-EG-0001

Location: (floor, room #, etc.) OES GENERATOR 1

Problem: LEAKING DIESEL FUEL

Duration: Fuel Leak discovered at 0800 on 3-7-13.

Resolution: Found pump seal is leaking. Found pump is in reverse. Pump motor may have been wired wrong. The underground tank might have a check valve preventing a back flow of fuel and when the day tank went low, the pump motor energized. Pressure may have built in the fuel line causing the pump seal to blow out. Diesel fuel leaked approximately 20 gallons downhill about 80 feet.

Additional Needs: Filter Recycling arrived at 1030 for ground clean up. Left at 1230. Cummins West arrived at 1400 to troubleshoot day tank. Rosa Construction arrived at 1430 to bid on constructing a barrier around the day tanks. Rosa Construction left at 1500. Cummins West could not remove float assembly so they will give an estimate to replace. Cummins West left at 1545.

Assessment: The generators are tested biweekly and the area is inspected daily. The day tank might have been full when the pump motor was replaced in Nov 2012 and may not have had to refill since then. The diesel level in the underground storage tank is still at 2100 gallons. This indicates that when the pump float contacts closed, the pump pumped the diesel out of the day tank and because it could not go into the underground tank (pressure was created by the pump), it resulted in the pump seal being blown out of the pump.

Additional Info: Electrician Mike Henning rewired the pump for proper rotation. BMD will replace pump on day tank. Rosa Construction will give a bid to construct a 6" curb around the generators and day tanks in concrete to prevent a spillage from reaching the soil. Cummins West will give an estimate to replace the float assembly on day tank 1.

Customer name: Customer phone:

Attach additional documentation e.g. correspondence, work orders, sketches, etc.





