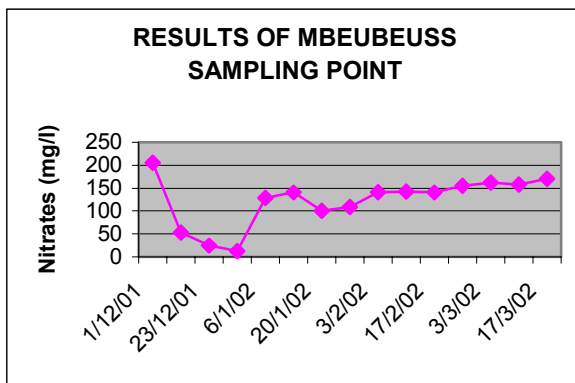
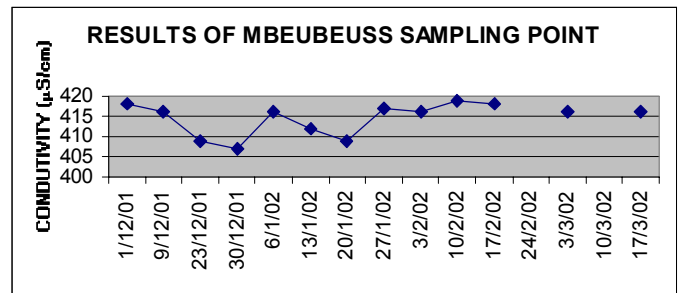
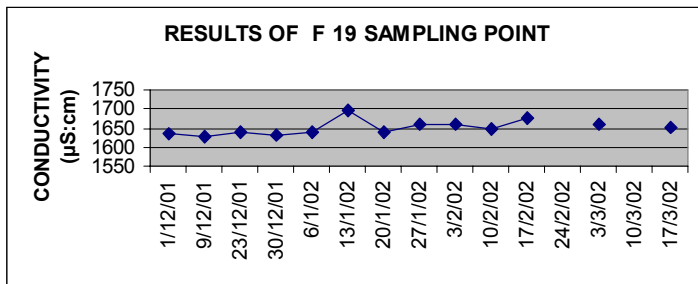
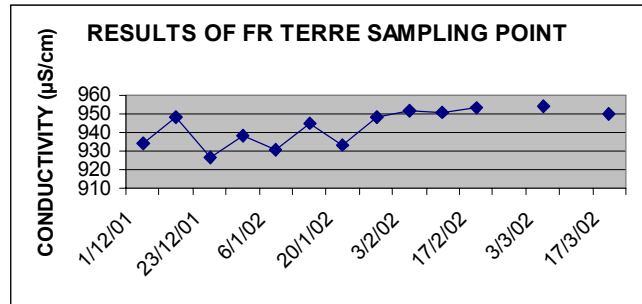
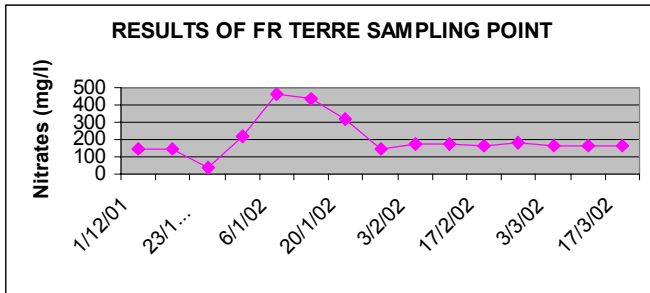
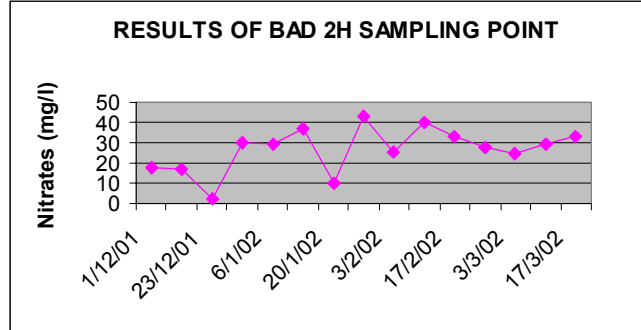
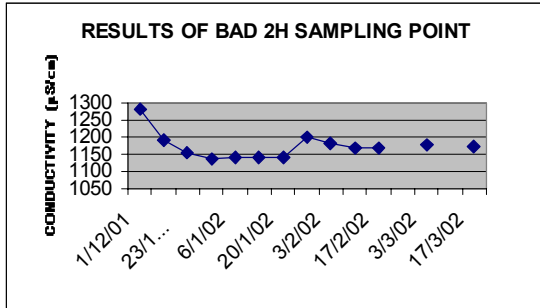


**JULY / AUGUST 2002 - EARLY WARNING BULLETIN No. 2 ON GROUNDWATER QUALITY
IN DAKAR, SENEGAL**



The four observation wells selected were sampled and the water analysed over a period of 15 weeks. Medium conductivity values of about 1170µS/cm were reported in the confined aquifer near the ocean (BAD 2H - downstream area), and of about 414µS/cm in the unconfined aquifer (Mbeubeuss - upstream area). Medium nitrate values were estimated at 26mg/l in the downstream area (BAD 2H), 204mg/l in the transition area (seafront), 550mg/l in the densely populated peripheral area without any sewerage system (F19), and 130mg/l in the scarcely

populated upstream area near the Mbeubeuss Dumping Site. The monitoring piezometer has become a strategic observation point for pollution monitoring from the upstream zone. Significant ammonium concentrations of up to 4mg/l were reported at point F19, confirming the proximity of pollutant hot spots.

Dr. Aziz Tandia, Coordinator, Senegal Research Team; e-mail: aztandia@hotmail.com