



RECORD OF COMMUNICATION		<input type="checkbox"/> PHONE CALL <input type="checkbox"/> DISCUSSION <input type="checkbox"/> FIELD TRIP <input type="checkbox"/> CONFERENCE <input type="checkbox"/> OTHER (SPECIFY)	
(Record of item checked above)			
TO: Sam Becker (6E-E) Robert Hanneschlager	FROM: Vay A. Boone (6E-SC) 6486	DATE: 5/25/89	TIME: 11:00AM
SUBJECT: Potential groundwater contamination in Blackwell, OK			
SUMMARY OF COMMUNICATION The City of Blackwell has a potentially severe groundwater /soil contamination problem inside the city as determined by a Toxicity Reduction Evaluation Report. This report was required by (6W-EA) due to the city's repeated failure of biomonitoring tests required in their N.P.D.E.S. permit to discharge. Reportedly, zinc and cadmium contaminated groundwater is infiltrating the sanitary sewer and causing a toxic effluent to biomonitoring tests. Samples taken by the city of several city manholes of only groundwater infiltration (i.e. the sanitary sewer line was plugged before sampling) contained cadmium concentrations as high as 15.5 mg/L and zinc concentrations as high as 192.0 mg/L. The cadmium and zinc are suspected to have originated from the shutdown <u>Blackwell Zinc</u> (smelting plant) which also recovered cadmium. Several wells are			
CONCLUSIONS, ACTION TAKEN OR REQUIRED located in the city for yard and garden watering. However, wells are reportedly used in the surrounding rural community for drinking. The City of Tonkawa & Ponca City have drinking water wells approximately 8 miles away. The City of Blackwell's water supply is from a reservoir. For further information contact J.B. "Joe" Dickinson - City Manager of Blackwell (405) 363-5490			
INFORMATION COPIES TO: Dave Peters (6E-S), Bob Clark (6E-SC) & Mark Potts (6W-E0)			