AUTHORIZATION TO DISCHARGE UNDER THE OKLAHOMA POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT NUMBER: OK0100510
ID NUMBER: I-42000560

In compliance with the Oklahoma Pollutant Discharge Elimination System (OPDES) Act, 27A O.S. §2-6-201 *et seq.*, Oklahoma Uniform Environmental Permitting Act, 27A O.S. §2-14-101 *et seq.*, and the rules of the Oklahoma Department of Environmental Quality promulgated thereunder,

Cimarron Environmental Response Trust
9400 Ward Parkway,
Kansas City, MO 64114

is authorized to discharge from their facility, located in the:

NE¼, Section 11 & S½, Section 1 & N½ Section 12,
Township 16N, Range 4W IM,
Logan County, Oklahoma
or at 100 North Highway 74, Guthrie, OK 73044

to receiving waters identified as: Cimarron River, stream segment 620910, Water Body ID OK620910010010, in Logan County, Oklahoma

from: Outfall 001:

Latitude 35° 53' 16" N, Longitude 97° 35' 05" W (GPS: NAD83)
NW¼, SW¼, SW¼, Section 1, Township 16N, Range 4W IM,
Logan County, Oklahoma

from: Outfall 002:

Latitude 35° 53' 18" N, Longitude 97° 34'15" W (GPS: NAD83)
NW¼, SE¼, SE¼, Section 1, Township 16N, Range 4W IM,
Logan County, Oklahoma

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III, hereof.

Issuance of this permit in no way or in any respect affects the permittee's civil or criminal responsibility regarding disposal and/or discharges of wastewater, except with respect to the permittee's legal responsibility under the OPDES Act and Department Rules.

This is a new Permit.

This permit shall become effective on __.

This permit and the authorization to operate the disposal system shall expire at midnight, on __.

PART I
EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfalls 001 & 002

Limitations, Reporting Requirements and Monitoring

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfalls 001 & 002. The discharge will consist of groundwater that has been treated for Uranium, Nitrate, and Fluoride. Such discharge shall be limited and monitored by the permittee as specified below:

Effluent Limitations – Outfalls 001& 002

PARAMETERS	DISCHARGE LIMITATIONS			
	MASS LOADING LIMITS (lbs/day unless otherwise specified)		CONCENTRATION LIMITS (mg/L unless otherwise specified)	
	MONTHLY AVERAGE	DAILY MAXIMUM	MONTHLY AVERAGE	DAILY MAXIMUM
Flow STORET: 50050	Report (MGD)	Report (MGD)	--	--
Uranium (ug/L) STORET: 28012	N/A	N/A	Report	30
Fluoride STORET: 00951	N/A	N/A	Report	10
Nitrate STORET: 00620	N/A	N/A	Report	10
Manganese, total (mg/L) STORET: 01055	N/A	N/A	N/A	Report
Chromium, total (ug/L) STORET: 01034	N/A	N/A	N/A	Report
Copper, total (ug/L) STORET: 01042	N/A	N/A	N/A	Report
Lead, total (ug/L) STORET: 01051	N/A	N/A	N/A	Report
Mercury, total (ug/L) STORET: 71900	N/A	N/A	N/A	Report
Selenium, total (ug/L) STORET: 01147	N/A	N/A	N/A	Report
Thallium, total (ug/L) STORET: 01059	N/A	N/A	N/A	Report
Zinc, total (ug/L) STORET: 01092	N/A	N/A	N/A	Report
Cyanide, total (ug/L) STORET: 00720	N/A	N/A	N/A	Report
pH STORET: 00400	N/A	N/A	between 6.5 and 9.0 s.u.	

SECTION B. BACKGROUND MONITORING REQUIREMENTS – OUTFALL 999 (UPSTREAM)

The following parameters shall be monitored in the Cimarron River at a point immediately upstream of Outfall 001, but not affected by the discharge.

Background Monitoring Requirements – Outfall 999

PARAMETERS	CONCENTRATION LIMITATIONS (µg/L, unless otherwise specified)		MEASUREMENT FREQUENCY	SAMPLE TYPE
	MONTHLY AVERAGE	DAILY MAXIMUM.		
Total Mercury STORET:71900	Report	Report	1/ month	Grab
Total Thallium STORET: 01059	Report	Report	1/ month	Grab

(1) Background requirements are established in this permit for the purpose of collecting 12 data points only. Monitoring shall be performed for twelve (12) consecutive months starting three and half years into the permit.

SECTION C. SCHEDULE OF COMPLIANCE

The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule: None.

SECTION D. REPORTING OF MONITORING RESULTS

Monitoring results shall be reported in accordance with the provisions of Part III.E.4 of the permit. Monitoring results obtained during the previous month shall be summarized and electronically reported on an electronic Discharge Monitoring Report (eDMR) form due to the Oklahoma Department of Environmental Quality, Water Quality Division, Wastewater Compliance Tracking Section no later than the 15th day of the month following the completed monthly test. If no discharge occurs during the reporting period, an eDMR form stating "No Discharge" shall be electronically submitted according to the above schedule.

Instructions on how to register as a Preparer or Signatory for eDMRs, as well as how to prepare and submit eDMRs, can be found on DEQ's website at http://www.deq.state.ok.us/wqdnew/ereporting/index.html. Assistance is also available by contacting DEQ at (405) 702-8100 or deqreporting@deq.ok.gov.

The first report is due on _____.

G. OTHER DISPOSAL METHODS

Solids, sludges, filter backwash or other pollutants removed that are regulated by the Nuclear Regulatory Commission or the Land Protection Division of DEQ shall be recorded to their standards.

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewater, regulated by Water Quality Division, shall be disposed of in a state approved industrial waste disposal site or to a company for recycling.

If any such industrial wastes are removed from the facility, the permittee shall keep accurate records on site, which include the following information:

a. Name and address of company hauling waste.
b. The type and amount of waste hauled.
c. The final disposal site of waste hauled.

Upon request, the above records shall be made available to the staff of the Department for inspection, review, and copying. Records will be kept for five years.