COMMISSION MEMBERS
William H. Thomason
Mayor
Carl Smith
Dwight Embry
Dorothy McCall

Leitchfield Utilities
Leitchfield Wastewater Treatment Plant
218 Commerce Drive
Leitchfield, Kentucky 42754
270-259-3311
Fax: 270-259-0485

Robert T. Crawford
Chairman
Charles E. Miller
Utilities Superintendent
David B. Vickery
Attorney
Erin Embry
City Clerk/Treasurer

June 26, 2009

RECEIVED
JUN 30 2009
By

William Shane
EEC/ Division of Water
200 Fair Oaks Lane
Frankfort, KY 40601

Dear William Shane,

2009 KPDES Permit Application Additional Information

Enclosed you will find Form A item B.6. and part D with the additional monitoring in March, April and June completed for TKN, NO3+NO2, oil and grease, TDS, Sb, Be, Tl and total cyanide for the Leitchfield Wastewater Treatment Plant (KY0022934) as you requested 2/19/2009. Any questions may be directed to me at 270-259-3311 or rdstrader@windstream.net.

Respectfully,

Robin Strader

Robin Strader
Head Operator
Leitchfield Wastewater Treatment Plant
cc: Bowling Green Regional Office

COPY

STEVEN L. BESHEAR
GOVERNOR

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

LEONARD K. PETERS
SECRETARY

RECEIVED
JUN 30 2009
By

February 19, 2009

Robin Strader
Leitchfield Utilities
218 Commerce Drive
Leitchfield, KY 42754

Re: KPDES Application Notice of Deficiency
KPDES No.: KY0022934
Leitchfield Wastewater Treatment Plant
AI ID: 1570
Grayson County, Kentucky

Dear Ms. Strader:

Your Kentucky Pollutant Discharge Elimination System (KPDES) permit application for the above-referenced facility was received by the Division of Water on January 13, 2009. A completeness review of your permit application has been conducted and the application has been determined to be incomplete. Please complete the deficiencies listed below and return to me at the following address within thirty (30) days of the date of this letter.

Division of Water, Surface Water Permits Branch
ATTN: Mr. William Shane
200 Fair Oaks Lane
Frankfort, Kentucky 40601

1. Complete the enclosed Form A, Section B.6 and Part D. You must provide effluent testing data for every parameter in both tables, regardless of whether these parameters are currently on your permit. As a minimum, effluent testing data must be based on at least three pollutant scans.

Failure to return the requested information within thirty (30) days may result in the Cabinet returning your application to you and retaining filing fees that have been paid, as per 401 KAR 5:300, Section 2(2). If you have any questions concerning this request, please call me at (502) 564-3410, extension 4893 or e-mail at William.Shane@ky.gov.

Sincerely,

William Shane

William Shane
Surface Water Permits Branch
Division of Water

WTS:
Enclosures
Cc: TEMPO

c. If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable).

_____

d. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.

Contingent on funding	Schedule	Actual Completion
Implementation Stage	MM / DD / YYYY	MM / DD / YYYY
– Begin construction	___/___/_____	___/___/_____
– End construction	___/___/_____	___/___/_____
– Begin discharge	___/___/_____	___/___/_____
– Attain operational level	___/___/_____	___/___/_____

e. Have appropriate permits/clearances concerning other Federal/State requirements been obtained? __X__ Yes ____ No

Describe briefly: Main lift project has been designed and approved by KY DOW. The project will be ready for bidding when funding is available.

B.6. EFFLUENT TESTING DATA (GREATER THAN O.1 MGD ONLY).

Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall Number: 001

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.							
AMMONIA (as N)	3.54	mg/l	1.01	mg/l	56	SM 4500NH3D	0.1
CHLORINE (TOTAL RESIDUAL, TRC)	0.012	mg/l	0.002	mg/l	50	EPA 330.1	0.002
DISSOLVED OXYGEN	13.3	mg/l	9.3	mg/l	49	SM 4500-OG	0.10
TOTAL KJELDAHL NITROGEN (TKN)	11	mg/l	8.3	mg/l	3	EPA 351.3	1.0
NITRATE PLUS NITRITE NITROGEN	12.4	mg/l	8.0	mg/l	3	SM 4110 B	0.01
OIL and GREASE	6	mg/l	4.8	mg/l	5	EPA 1664	4
PHOSPHORUS (Total)	8.6	mg/l	5.0	mg/l	50	SM 4500-PE	0.02
TOTAL DISSOLVED SOLIDS (TDS)	564	mg/l	378	mg/l	3	SM 2540 C	18
OTHER							

END OF PART B.

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM A YOU MUST COMPLETE

SUPPLEMENTAL APPLICATION INFORMATION

PART D. EXPANDED EFFLUENT TESTING DATA

Refer to the directions on the cover page to determine whether this section applies to the treatment works.

Effluent Testing: 1.0 mgd and Pretreatment Treatment Works. If the treatment works has a design flow greater than or equal to 1.0 mgd or it has (or is required to have) a pretreatment program, or is otherwise required by the permitting authority to provide the data, then provide effluent testing data for the following pollutants. Provide the indicated effluent testing information and any other information required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analyses conducted using 40 CFR Part 136 methods. In addition, these data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. Indicate in the blank rows provided below any data you may have on pollutants not specifically listed in this form. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall number: 001 (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
METALS (TOTAL RECOVERABLE), CYANIDE, PHENOLS, AND HARDNESS.											
ANTIMONY	0.005	mg/l	0.1727	lbs	0.003	mg/l	0.0344	lbs	3	SM 3113B	0.002
ARSENIC	0.005	mg/l	0.1727	lbs	0.0026	mg/l	0.0293	lbs	5	SM 3113B	0.0005
BERYLLIUM	0.0002	mg/l	0.0069	lbs	0.0002	mg/l	0.0002	lbs	3	EPA 200.7	0.0002
CADMIUM	0.001	mg/l	0.0345	lbs	0.001	mg/l	0.0115	lbs	5	EPA 200.7	0.001
CHROMIUM	0.001	mg/l	0.0345	lbs	0.001	mg/l	0.0115	lbs	5	EPA 200.7	0.001
COPPER	0.01	mg/l	0.3454	lbs	0.0042	mg/l	0.0481	lbs	5	EPA 200.7	0.002
LEAD	0.005	mg/l	0.1727	lbs	0.0044	mg/l	0.0504	lbs	5	EPA 200.7	0.005
MERCURY	9.46	ng/l	0.0003	lbs	4.756	ng/l	0.00005	lbs	5	1631 E	0.5
NICKEL	0.005	mg/l	0.1727	lbs	0.0042	mg/l	0.0481	lbs	5	EPA 200.7	0.004
SELENIUM	0.005	mg/l	0.1727	lbs	0.0014	mg/l	0.016	lbs	5	SM 3113B	0.0005
SILVER	0.001	mg/l	0.0345	lbs	0.001	mg/l	0.0115	lbs	5	EPA 200.7	0.001
THALLIUM	0.005	mg/l	0.1727	lbs	0.005	mg/l	0.0573	lbs	3	EPA 200.9	0.005
ZINC	0.047	mg/l	1.6232	lbs	0.0278	mg/l	0.3186	lbs	5	EPA 200.7	0.0031
CYANIDE	0.02	mg/l	0.6907	lbs	0.02	mg/l	0.229	lbs	3	SM 4500CN-E	0.02
TOTAL PHENOLIC COMPOUNDS	0.1	mg/l	3.4536	lbs	0.072	mg/l	0.8245	lbs	5	EPA 420.1	0.05
HARDNESS (AS $CaCO_3$)	204	mg/l	7045	lbs	178.6	mg/l	2045	lbs	5	EPA 130.2	5
Use this space (or a separate sheet) to provide information on other metals requested by the permit writer.											
Amenable Cyanide	0.02	mg/l	0.6907	lbs	0.014	mg/l	0.1603	lbs	5	SM 4500CN-E	0.02
Hexavalent Chromium	0.01	mg/l	0.3454	lbs	0.0082	mg/l	0.0939	lbs	5	SM 4500CR-D	0.001