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Missouri Public Service Commission

Exhibit No. 5

Cc:

Subject: MEETING WITH DNR FRIDAY MAY 24

Date 9/23/14 Reporter R. Brewer

File No. SR-2014-0153  
WR-2014-0154

MEMO FOR FILE REGARDING SEWAGE LAGOON PERMIT

WE MET WITH LACEY HIRSCHVOGEL AT THE DNR OFFICE IN JEFFERSON CITY. SINCE LACEY HAS ONLY BEEN WITH THE DNR FOR A FEW MONTHS HER SUPERVISOR SAT IN THE MEETING WITH US.

WE POINTED OUT THAT WE ARE A SMALL RESIDENTIAL COMMUNITY OF ABOUT 160 HOMES WITH A LIMITED BUDGET OF ABOUT \$50K PER YEAR AND COULD NOT AFFORD A LARGE EXPENDITURE. DNR STATED THAT SINCE WE ARE A PRIVATE DEVELOPMENT THE STATE REVOLVING FUND MONEY IS NOT AVAILIABLE ANE WE WOULD HAVE TO FIND PRIVATE FINANCING.

THEY SAID THE "N" REQUIREMENT WAS FORCED ON THEM BY THE FEDERAL EPA CLEAN WATER ACT AND THEY HAD BEEN LENIENT FOR YEARS BUT THE ISSUE WAS BEING ENFORCED MORE STRINGENTLY NOW. THERE ARE 400 SINGLE CELL SEWERAGE LAGOONS IN MISSOURI AND NONE OF THEM WILL BE ABLE TO MEET THE "N" REQUIREMENT.

WE QUESTIONED SOME OF THEIR DATA REGARDING LOW FLOW CONDITIONS IN HE RECEIVING STREAM BUT EVEN IF IT WAS SOMEWHAT OFF IT WOULD NOT AFFECT THE AMMONIA PRESENT IN THE DISCHARGE. THEIR DATA WAS FROM A SURVEY MADE IN APRIL OF 2012. WE DISAGREE WITH SOME OF IT'S FINDINGS REGARDING OUTFLOW CONDITIONS. WE SEE VERY LITTLE SLUDGE IN THE OUTFALL AND DUCKWEED DOES NOT COVER THE ENTIRE LAGOON.. WE ARE ALSO 3.8 MILES FROM THE NEAREST CLASSIFIED STREAM SEGMENT WHICH WOULD ELIMINATE MOST OF THE POLUTION EXCEPT "N".

DNR FAVORS THE DISPOSAL OF EFFLUENT BY SPRAY IRRIGATION OR DRAINAGE BEDS IF ADEQUATE LAND IS AVAILIABLE , THEN DNR IS NOT INVOLVED AND NO PERMITS ARE REQUIRED. THEY DO THIS AT SEVERAL OF THE STATE PARKS WITH GOOD SUCESS.A PACKAGE TREATMENT PLANT WOULD ALSO WORK

THEY ALSO HAVE A NEW WET TEST INVOLVING LIVE MNNOWS WHICH WE WILL NEED TO PERFORM EACH YEAR.

LACEY WILL MAKE A FEW CHANGES IN THE APPLICATION AND SEND IT TO US . ONE ITEM CHANGED IS PAGE 7 ITEM 3 WHERE THE WQAR MUST BE FINISHED BY DECEMBER,2013.

I ASKED FOR RECCOMENDATIONS FOR AN ENGINEERING FIRM TO CONDUCT THE STUDY BUT THEY WERE NOT WILLING TO MAKE ANY RECCOMENDATIONS

DNR SEEMS TO BE FIRM ON THE REQUIREMENTS SO WE NEED TO PROCEED WITH THE SCHEDULE OF COMPLIANCE.

AFTER WE HAVE MORE FACTS WE COULD MAYBE PURSUE A POLITICAL PATH TO INFLUENCE THE DNR

ON THE WAY HOME WE STOPPED AT THE OWENSVILLE CITY HALL AND TALKED TO THE PUBLIC WORKS DIRECTOR ABOUT THEIR NEW PLANT, CONCLUDED THAT WE DID NOT WANT TO DO THAT BUT HE WAS ABLE TO GIVE US THE NAME OF A FEW CONSULTANTS TO TALK TO.

WE ALSO LOOKED AT THE SITE MAP TO SEE IF ANY GROUND WAS AVAILIABLE FOR A DRAINAGE FIELD.

EAST HILLS NO. 3 BELOW THE CAMPGROUND IS MOSTLY GREEN SPACE WITH A FEW LOTS STILL OWNED BY INDIVIDUALS.

IF LOTS 1 THRU 31 WOULD BE AVAILIABL WE WOULD PROBABLY HAVE ENOUGH ROOM FOR A DRAIN FIELD AN ALL WE WOLD HAVE TO DO IS PUMP THE EFFLUENT FROM THE LAGOON OUTFLOW UP TO THE CAMPGROUND AREA.

#### ACTION LIST

1, GUS WILL CONTACT ANOTHER ENGINEERING CONSULTANT TO INTERVIEW. WE NEED TO LET A CONTRACT ASAP IF IT HAS TO BE DONE BY OCTOBER

2. RICH WILL CONTACT BELLE AND BLAND TO SEE WHAT THEY ARE DOING

3. RICH WLL CONTACT TIM FLAGG TO SEE IF HE CAN GET A PRICE ON A PACKAGE TREATMENT PLANT

4. RICH WILL CHECK ON STATUS OF LOTS IN EAST HILLS NO. 3

RICH, IF YOU CAN THINK OF ANYTHING I MISSED PLEASE ADVISE.

LORETTA, PLEASE GET THIS TO ALL MEMBERS OF THE PVPOA BOARD

GUS HOERNSCHEMEYER