

Loretta Carstens, P.E.
Permits Branch, Office of Water Quality
Division of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

RE: Discharge Permit Number AR0053210, AFIN 60-05010

Dear Ms. Carstens

I request that ADEQ deny the Paradise Valley WWTP permit and hold a public hearing.

In prior comments, I emphasized the following reasons for the permit to be denied: 1) package WWTP's are notorious for exceeding their permit limits, 2) the Paradise Valley WWTP would discharge into a no flow / low flow creek bed, 3) effluent is likely to migrate into the aquifer beneath Mill Bayou thus contaminating the Maumelle Water Corporation drinking water wells and affecting their 1,100 customers, 4) dangerous algae blooms are likely to occur, 5) this WWTP is only the first of many likely planned by the applicant, 6) the applicant has a history of non-compliance with environmental laws and regulations and is thus a 'bad actor' according to AR statutes, 7) the applicant's Waterview diversion ditch and clearing of the Paradise Valley site violated regulations (single point source violation and clearing without proper permits) and are causing significant stormwater flooding in the Mill Bayou watershed which adds to the pollution of the proposed WWTP and 8) ADEQ's role is to protect people and the environment from irresponsible and dangerous proposals like the Paradise Valley WWTP. Each of these continue to be extremely important and valid reasons to DENY THE PERMIT!

Human contact with the waters of the tributary into which the proposed WWTP would discharge and the waters of Mill Bayou is an enormous concern. Property owners and their guests, adults AND CHILDREN, continually come in contact with the water in the tributary and Mill Bayou in all seasons of the year through hunting, wading, fishing, boating, riding 4-wheelers, hiking and other activities. During dry periods, this human contact will be with highly concentrated WWTP effluent – an obvious danger from which ADEQ must protect us. During flash floods, which are occurring more and more frequently due to the applicant's stormwater violations mentioned above, unsafe water will be spread to a much wider area and come in contact with more people. These people have the right to use their property in all the ways described above without endangering their health and safety! Their property rights must be protected by the ADEQ! Deny the permit!

The discharge pollution allowed by the current draft permit is TOTALLY INADEQUATE for human contact. The draft permit must be upgraded to match the Texas human contact standard:

30 TAC §210.33(1)

Type I Reclaimed Wastewater

BOD5 or CBOD5	5 mg/l
Turbidity	3 NTU
Fecal coliform or E. coli	20 CFU/100 ml*
Fecal coliform or E. coli	75 CFU/100 ml**
Enterococci	4 CFU/100 ml*
Enterococci	9 CFU/100 ml**

*30 Day Geometric Mean

**Maximum Single Grab Sample

In addition, the draft permit must be upgraded to require modern technology to monitor, control, record and report every critical point of the WWTP, including motors, pumps, valves, filters, etc. The permit must require that when failure occurs, the operator will automatically be notified and a record created for ADEQ. The permit must also be upgraded to require 1) a 3-day storage tank capacity (150,000 gallons) and 2) automatic diversion from the discharge point to the storage tanks upon certain failure modes. Without these upgrades to the permit, untreated or inadequately treated sewage will be dumped into the Mill Bayou watershed. Without these upgrades, the permit would allow WWTP discharge that is unsafe for human contact to be contacted by humans on a frequent basis! THIS LEVEL OF AUTOMATION, STORAGE AND DISCHARGE POLLUTANT LEVELS (HUMAN CONTACT) MUST BECOME THE MINIMUM STANDARD FOR THIS AND ALL FUTURE WWTP PERMITS IN THE MILL BAYOU WATERSHED.

In summary, this permit must be DENIED. Any future permit to be considered in the Mill Bayou watershed must reflect the upgrades described above for automation, storage and human contact.

Sincerely,
John Killingsworth
PO Box 84



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(The ADEQ email system blocks any email containing the word "killing", so I'm unable to submit this using my email address)