

## Koon, Nancy

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**From:** Patricia Elliott <redonthehead22@gmail.com>  
**Sent:** Wednesday, May 18, 2022 12:17 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Re: Permit Number AR0053210 | AFIN:60-05101

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Trish Elliott and I live at 6 River Ridge. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

Best,  
Trish Elliott

## Koon, Nancy

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**From:** Kim Elliott <ack22orc@gmail.com>  
**Sent:** Wednesday, May 18, 2022 1:54 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** In support of approval for Paradise Subdivision

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

ATTN:

Nancy Koon | [nancy.koon@adeq.state.ar.us](mailto:nancy.koon@adeq.state.ar.us)

Bryan Leamons | [leamons@adeq.state.ar.us](mailto:leamons@adeq.state.ar.us)

Carrie McWilliams | [mewilliamsc2@adeq.state.ar.us](mailto:mewilliamsc2@adeq.state.ar.us)

Faizan Khan | [faizan.khan@adeq.state.ar.us](mailto:faizan.khan@adeq.state.ar.us)

Division of Environmental Quality NPDES- Office of Water Quality 5301 Northshore Drive

North Little Rock, AR 72118

Re: Permit Number AR0053210| AFIN:60-05101

Dear All:

My name is Kim Elliott and I live at 6 River Ridge Road, Little Rock, AR 72227. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

**Kim Elliott**

Kim Elliott

## Koon, Nancy

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**From:** alexa elliott <alexaelizabeth22@gmail.com>  
**Sent:** Wednesday, May 18, 2022 2:10 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Support for Paradise Subdivision

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

ATTN:

Nancy Koon | [nancy.koon@adeq.state.ar.us](mailto:nancy.koon@adeq.state.ar.us)  
Bryan Leamons | [leamons@adeq.state.ar.us](mailto:leamons@adeq.state.ar.us)  
Carrie McWilliams | [mcwilliamsc2@adeq.state.ar.us](mailto:mcwilliamsc2@adeq.state.ar.us)  
Faizan Khan | [faizan.khan@adeq.state.ar.us](mailto:faizan.khan@adeq.state.ar.us)

Division of Environmental Quality NPDES- Office of Water Quality 5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210| AFIN:60-05101

Dear All:

My name is Alexa Elliott and I live at 6 River Ridge Cir., Little Rock. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.  
Sincerely,

*Alexa Elliott*

## Koon, Nancy

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**From:** Leamons, Bryan  
**Sent:** Wednesday, May 18, 2022 11:40 AM  
**To:** Koon, Nancy; 'luke.morris@osagenation-nsn.gov'  
**Subject:** RE: Comment for Public Hearing (5/18/22 at 2 PM) for Permit No. AR0053210 -- Paradise Valley WWTP, Roland, Arkansas (2122-5626AR-3)

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hello Luke Morris:

We received your email and attached PDF letter. We have placed your comments in our record for the referenced permit.

Bryan Leamons, P.E. | Senior Operations Manager  
Division of Environmental Quality | Office of Water Quality  
Permitting and Compliance  
5301 Northshore Drive | North Little Rock, AR 72118  
t: 501.683.5406 | e: [leamons@adeq.state.ar.us](mailto:leamons@adeq.state.ar.us)



**ARKANSAS**  
ENERGY & ENVIRONMENT

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**From:** Koon, Nancy  
**Sent:** Wednesday, May 18, 2022 8:44 AM  
**To:** Leamons, Bryan  
**Subject:** FW: Comment for Public Hearing (5/18/22 at 2 PM) for Permit No. AR0053210 -- Paradise Valley WWTP, Roland, Arkansas (2122-5626AR-3)

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**From:** Water Draft Permit Comment  
**Sent:** Wednesday, May 18, 2022 7:35 AM  
**To:** Koon, Nancy  
**Subject:** FW: Comment for Public Hearing (5/18/22 at 2 PM) for Permit No. AR0053210 -- Paradise Valley WWTP, Roland, Arkansas (2122-5626AR-3)

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**From:** Luke Morris [<mailto:luke.morris@osagenation-nsn.gov>]  
**Sent:** Wednesday, May 18, 2022 7:22 AM  
**To:** Water Draft Permit Comment  
**Subject:** Comment for Public Hearing (5/18/22 at 2 PM) for Permit No. AR0053210 -- Paradise Valley WWTP, Roland, Arkansas (2122-5626AR-3)



Greetings,

My name is Luke Morris, an archaeologist for the Osage Nation Historic Preservation Office. I searched the DEQ website unsuccessfully for the public comment link for Permit No. AR0053210, Paradise Valley WWTP, in Roland, Arkansas. The public hearing is today (5-18-22) at 2 pm, but I cannot find the correct location to submit a public comment from the Osage Nation. Can you submit the document for me, or provide a link?

Only one public hearing was listed on the ADEQ website, which was dated 6/26/2020, LRWRA Permit Number 5321 – w. Is there another ADEQ website where comments can be accepted, or is this the correct submission address?

Thank you for any assistance,

**Luke A. Morris**

Archaeologist, MA  
Osage Nation Historic Preservation Office  
627 Grandview Avenue,  
Pawhuska, OK 74056  
Fax: (918) 287-5376

Below, please follow the link to observe ONHPO Survey Guidelines

[www.osagenation-nsn.gov/who-we-are/historic-preservation](http://www.osagenation-nsn.gov/who-we-are/historic-preservation)

As of now the Osage Nation Historic Preservation Office is reverting back to our pre-Covid Section 106 procedures where we will be accepting hardcopy project notifications, archaeological survey reports and official finding letters via **hard-copy mail only**. Please address all notifications to Dr. Andrea A. Hunter, THPO and mail it to the address listed above.



## Osage Nation Historic Preservation Office

HAZAZA BOSN KUPOLA

Date: May 18, 2022

File: 2122-5626AR-3

**RE: ADEQ, Paradise Valley Waste Water Treatment Plant, Roland Cutoff Road, Pulaski County, Arkansas**

The Osage Nation has a vital interest in protecting its historic and ancestral cultural resources and considers the preservation of its history and culture to be its highest priority. The Osage Nation Historic Preservation Office (ONHPO) has been charged by the Osage Nation to preserve and protect Osage heritage. Historic preservation efforts often require collaboration between multiple agencies at federal, state, and local levels of jurisdiction. Interests of the Osage people extend beyond the modern reservation boundaries in Osage County, Oklahoma, into ancestral territories in Arkansas, Oklahoma, Kansas, and Missouri and stretches into the Ohio River Valley.

The Arkansas River Valley is a unique landscape requiring consideration when preserving the heritage of many Native American tribes, including the Osage Nation. Former villages, trails, burials, or locations of sacred activities are recorded throughout the region, resulting in inadvertent effects to the properties as projects are undertaken. When urban development is planned to accommodate rising populations, environmental and cultural affects must be considered.

The National Historic Preservation Act or NHPA, clarifies that historic properties may have religious and cultural significance to American Indian tribes. Additionally, Section 106 of NHPA requires Federal agencies to consider the effects of their actions on historic properties, as does the National Environmental Policy Act.

The Osage Nation Historic Preservation Office evaluated the proposed project Paradise Valley Waste Water Treatment Plant, Pulaski County, Arkansas, and requested ADEQ that a cultural resources survey be conducted. The project area is a highly sensitive and significant location with sacred burial sites. Permitting the project without archaeological investigations could be disastrous to the preservation of culture, and result in direct violation of Arkansas Unmarked Burial Act. Due to the high potential for site desecration, the Osage Nation has engaged in direct, government-to-government consultation with the EPA, the state of Arkansas, and anticipates future consultation with the US Army Corps of Engineers.

Osage Nation is grateful for the opportunity to comment to ADEQ on the anticipated undertaking. Prior to any further development, Osage Nation Historic Preservation Office anticipates reviewing and commenting on the planned Phase I cultural resource survey report for the proposed Paradise Valley Waste Water Treatment Plant.

Thank you for the opportunity to comment during this public hearing.

## Koon, Nancy

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**From:** Jay White <whitefamily0620@gmail.com>  
**Sent:** Wednesday, May 18, 2022 8:29 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Permit Number AR0053210/AFIN:60-05101

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear All:

My name is Jay White and I live at 50 Berney Way Drive, Little Rock, AR 72223. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

Kind regards,

Jay White

## **Koon, Nancy**

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**From:** 2468 In the huck <joseluishuerta1967@gmail.com>  
**Sent:** Wednesday, May 18, 2022 8:58 AM  
**To:** Khan, Faizan; Leamons, Bryan; McWilliams, Carrie; Koon, Nancy  
**Subject:** AFIN:60-05101

Dear All:

My name is Elvira Gabriel and I live at 13411 E 1st St Alexander I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

In my opinion it's great for the community to new homes all shapes and sizes. Anyone should be able to build their dream house where ever they want. I support for this to continue.

## **Koon, Nancy**

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**From:** Doug Ford <DFord@pmico.com>  
**Sent:** Wednesday, May 18, 2022 9:31 AM  
**To:** Koon, Nancy  
**Subject:** Paradise Valley NPDES Permit Public Hearing  
**Attachments:** Ltr to B. Leamons on Public Hearing.pdf

Ms Koon:

Please accept the attached letter for the public hearing today. I plan to be at the hearing and read this letter.

Respectfully,

**William Doug Ford, P.E.**  
**Principal**  
**Pollution Management, Inc.**  
**3512 South Shackelford**  
**Little Rock, AR 72205**  
**Office: 501-221-7122**  
**Fax: 501-221-7775**  
**Cell: 501-837-5610**  
**Email: [dford@pmico.com](mailto:dford@pmico.com)**

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May 17, 2022

Bryan Leamons  
Senior Operations Manager  
ARKANSAS ENERGY AND ENVIRONMENT  
DIVISION OF ENVIRONMENTAL QUALITY  
5301 Northshore Drive  
North Little Rock, AR 72118-5328

RE: Paradise Valley WWTP  
Permit No.: AR0053210  
AFIN: 60-05010

Dear Mr. Leamons:

Please receive this letter as my support of the approval of the referenced permit. The approval of the permit by DEQ is supported by the following points:

- Southwest Equity Investments (SEI) requested preliminary discharge limits into the tributary to Mill Bayou during the planning stages of the subdivision.
- DEQ issued preliminary discharge limits based on water quality in the receiving stream.
- An NPDES permit application was submitted to DEQ. DEQ requested additional information and had comments. SEI provided additional information and responded to comments as requested.
- Design plans, specifications, and calculations for Paradise Valley WWTP were submitted to ADH. ADH had comments and requested additional information. Paradise Valley provided additional information as requested. ADH completed a thorough review of the WWTP and approved.
- Treatment System – Extended Aeration Treatment System
  - The process removes contaminants from wastewater using hydraulic control, aerobic oxygen and anoxic oxygen conditions, clarification, filtration, and disinfection.
  - Processes include the following:
    - Solids screening, hydraulic control (flow equalization), anoxic oxygen control, pH control, extended aeration time, filtration, clarification, and disinfection

- USACE Nation Wide Permit Application was submitted for the WWTP.
- Cultural Resources Study was conducted. No evidence was found.
- SEI has not requested any waivers from DEQ or ADH.

This type of treatment system is permitted and used by many residential communities in Arkansas and in other states. In consideration of the technical aspects of the project, DEQ should issue an NPDES permit for this community.

Please let me know if you have questions or need additional information.

Respectfully,

A handwritten signature in blue ink, appearing to read "Wm. Doug Ford".

Wm. Doug Ford, PE  
Principal

WDF:cfm

cc: Rick Ferguson

FERG-11791

## Koon, Nancy

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**From:** KATE FERGUSON <xkferguson@gmail.com>  
**Sent:** Wednesday, May 18, 2022 9:33 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Kate Ferguson and I live at 34301 Lakeview West Dr. Roland, AR 72135. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I am AGAINST socioeconomic discrimination and am for protecting property rights of all American citizens. I am for and excited about this new development!

Thanks,  
KF





## Koon, Nancy

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**From:** Randi Ferguson <randilferguson@gmail.com>  
**Sent:** Wednesday, May 18, 2022 9:48 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Paradise Valley

Division of Environmental Quality  
NPDES- Office of Water Quality  
[5301 Northshore Drive](#)  
[North Little Rock, AR 72118](#)

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Randi Ferguson. I live in Little Rock and will be moving to Roland later this year. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

Roland is a great place to live, and there should be more housing options for hard-working Americans. I disagree with limiting accessibility to this community and do not want to live in a community where only development for the very wealthy is encouraged. I support development that is thoughtfully planned like Paradise Valley.

## **Koon, Nancy**

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**From:** Joe Hampton <joe@grahamsmithcompanies.com>  
**Sent:** Wednesday, May 18, 2022 9:50 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Paradise Valley Subdivision

Dear All:

My name is Joe Hampton and I live at 111 Point West Circle, Little Rock, AR 72211. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN: 60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I support the development and believe that property owners hold the right to develop property. I am against socioeconomic discrimination of the PMCC. This development will benefit a lot of families and provide them with a place to call home.

--

Joe Hampton  
Project Manager  
Graham Smith Construction

## Koon, Nancy

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**From:** Linda DeYmaz <ldeymaz@gmail.com>  
**Sent:** Wednesday, May 18, 2022 10:09 AM  
**To:** Khan, Faizan; Leamons, Bryan; McWilliams, Carrie; Koon, Nancy  
**Subject:** Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Linda DeYmaz and I live at 42 DuClair Ct. Little Rock, AR 72224. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

--

**Linda DeYmaz**  
*Owner, Principal Designer*  
**DeYmaz Design Group**  
219 Arrowhead Dr. • Hot Springs, AR 71913  
(501) 773-0045 | [ldeymaz@gmail.com](mailto:ldeymaz@gmail.com)  
[Amazon Author Page](#)



## Koon, Nancy

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**From:** Brad Sims <bhslr@att.net>  
**Sent:** Wednesday, May 18, 2022 11:45 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Scott; Khan, Faizan  
**Subject:** Paradise Valley Subdivision

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Division of Environmental Quality  
NPDES- Office of Water Quality  
[5301 Northshore Drive](#)  
[North Little Rock, AR 72118](#)

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Brad Sims and I live at 15 Bretagne Circle, Little Rock, AR. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

## Koon, Nancy

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**From:** Alguire, Jim <jalguire@stifel.com>  
**Sent:** Wednesday, May 18, 2022 11:55 AM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Cc:** rickferguson777@gmail.com; ferguson.office@gmail.com  
**Subject:** Paradise Valley Subdivision

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I am writing in support of the proposed Paradise Subdivision in Roland. I have a hard time understanding those who stand in opposition other than they want to maintain what they have all though they don't own a view even though they may have one. They don't own the rights to property that may be adjacent to them or down the road. Someone or some entity owns that property, pays taxes, insurance and up keep.

Over 20 years ago, there was the start of major development in west Little Rock called Chenal Valley. I thought it was crazy because how far out it was. Look at it now. Mr. Ferguson bought so many lots, risked his resources, built homes that over the years brought all the development of Grocery stores, pharmacies, banks, Doctors' offices, schools, Wal Mart, shopping centers, restaurant's, etc.... I'm confident that those in opposition use most if not all of these amenities.

Mr. Ferguson approached me in the late 90's about buying a lot and building a house in Chenal. My initial response was I couldn't afford those big houses out there. He informed me there was some new neighborhoods being developed down by Hwy 10 but still part of Chenal. The houses being built were in the \$250k to \$350k range. Sounds familiar..... I chose Bayonne and bought a lot that backed directly up to the Johnson Ranch 5 acre Estates with big houses and land. Rick built my home and we live there still to this day. I have raised 3 kids there and love it still to this day. We have a diverse hard working neighborhood. I am grateful that the Johnson Ranch neighborhood did not organize and stand in opposition to me and my families ability to share with them what they have. Beautiful, safe and quiet place to live and raise our family.

Kindest Regards,

Jim Alguire

**STIFEL**

**Jim Alguire**  
*First Vice President/Investments*

11300 Cantrell Road  
Suite 101  
Little Rock, AR 72212  
Direct: (501) 975-1844  
Fax: (501) 374-5929  
Toll Free: (800) 333-1230  
jalguire@stifel.com

Stifel, Nicolaus & Company, Incorporated | [www.stifel.com](http://www.stifel.com)

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## Koon, Nancy

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**From:** Scott Bouchard <scottbouchard10@gmail.com>  
**Sent:** Wednesday, May 18, 2022 12:00 PM  
**To:** Koon, Nancy  
**Subject:** Permit Number AR0053210 | AFIN:60-05101

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hi Nancy,

My name is Scott Bouchard and I live at 34125 Lakeview West Drive, Roland, AR.

I am traveling today and cannot attend the public hearing. Therefore,

I'm writing you in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe this development will be a benefit to the community and know the developer to be environmentally responsible who operates with the highest standard of care in all they do.

I care deeply about our Roland community and wholeheartedly support this development.

Regards,

Scott Bouchard  
501-514-8550

## Koon, Nancy

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**From:** kyle otis <k.o.otis18@gmail.com>  
**Sent:** Wednesday, May 18, 2022 12:31 PM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Paradise Subdivision Permit

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear All:

My name is Kyle Otis and I live at Waterview Estates. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

Ferguson Real Estate has always followed the strict guidelines from outside agencies to protect not only the residents of subdivisions but the environment itself. Over the last two decades they have created communities that will grow exponentially. From a development standpoint the Ferguson's will do what is necessary to protect the land and resident.



## Koon, Nancy

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**From:** Jamie L. Montgomery <JMontgomery@wlj.com>  
**Sent:** Wednesday, May 18, 2022 12:37 PM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Cc:** Antwan Phillips  
**Subject:** Permit Number AR0053210 | AFIN: 60-05101  
**Attachments:** Paradise\_Valley-\_Rick\_Ferguson\_-\_LTR\_to\_4\_separate\_people\_at\_DEQ.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

On behalf of Antwan Phillips, please see the attached correspondence in the above referenced matter. If you have any questions, please contact Mr. Phillips directly at [aphillips@wlj.com](mailto:aphillips@wlj.com) or (501) 212-1271.

Thank you and have a good day,

Jamie



**Jamie L. Montgomery**

Assistant  
501.212.1320 | [JMontgomery@wlj.com](mailto:JMontgomery@wlj.com)

Wright, Lindsey & Jennings LLP  
200 West Capitol Avenue, Suite 2300 | Little Rock, AR 72201  
Main 501.371.0808 | Fax 501.376.9442 | [wlj.com](http://wlj.com)



## WRIGHT LINDSEY JENNINGS

200 West Capitol Avenue, Suite 2300 Little Rock, AR 72201-3699 Main 501.371.0808 Fax 501.376.9442 wlj.com

Antwan D. Phillips  
ATTORNEY

Direct: 501.212.1271 | aphillips@wlj.com

May 18, 2022

Nancy Koon | [nancy.koon@adeq.state.ar.us](mailto:nancy.koon@adeq.state.ar.us)  
Bryan Leamons | [leamons@adeq.state.ar.us](mailto:leamons@adeq.state.ar.us)  
Carrie McWilliams | [mcwilliamsc2@adeq.state.ar.us](mailto:mcwilliamsc2@adeq.state.ar.us)  
Faizan Khan | [faizan.khan@adeq.state.ar.us](mailto:faizan.khan@adeq.state.ar.us)  
Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Antwan Phillips. I'm an attorney at Wright, Lindsey and Jennings law firm. Please include this correspondence in the record related to DEQ's draft permitting decision at the public hearing scheduled for May 18, 2022.

The applicant has followed the necessary protocols and has been responsive to all of the Department of Environmental Quality ("DEQ") concerns related to the NPDES permit for the subject Waste Water Treatment Plant ("WWTP"). To be clear, DEQ has a very intricate and thorough process in place. The applicant has complied with that process every step of the way. In doing so, the applicant applied for a construction permit for the WWTP and for the corresponding NPDES permit. The final construction permit was issued in June 2021. Conversely, DEQ has twice tentatively approved the NPDES permit.

DEQ first issued the tentative NPDES permit in July 2021. Shortly after issuing the tentative NPDES in July 2021, DEQ opened the first 30-day public comment period. In October 2021, DEQ opened a second 30-day public comment period. In December 2021, the Arkansas Department of Health issued its approval letter of the NPDES permit to DEQ. Around the same time, the Pulaski County Planning Commission issued its final preliminary plat for Paradise Valley Subdivision, (the neighborhood that will benefit from the WWTP). In January 2022, DEQ asked the applicant for additional information regarding the financial plan and county approval of the Paradise Valley Subdivision. A couple weeks later, the applicant responded with all of the information requested from DEQ.

May 18, 2022

Page 2

DEQ issued its second tentative NPDES permit in March 2022. The second NPDES approval stated: “Paradise Valley Subdivision WWTP submitted an application on September 2, 2020, with **all additional information received by January 18, 2022 for the issuance of NPDES Permit No. AR0053210**. The application has been reviewed by the DEQ’s Office of Water Quality and has received tentative approval subject to the terms of this notice.”(emphasis added.) Shortly after issuing the tentative NPDES in March 2022, DEQ opened the third 30-day public comment period.

Despite multiple, and likely unprecedented, public comment periods, there has been no information submitted that should alter the DEQ’s decision to confirm its tentative permit into a final NPDES permit. During the public comment periods, there has been cumulative and duplicative comments about the size of the development, the character of the community, alleged inferior built homes, and purported decrease in recreational activities. However, none of those items are within the purview of DEQ’s scope in deciding whether the NPDES Permit should be granted. There were some objections related to the limits and levels of effluent discharge. Admittedly, these issues are firmly within the scope of the DEQ. However, as stated by the DEQ, in the second tentative NPDES Permit, the applicant has submitted “all additional information” required to show that the WWTP will comply with DEQ regulations, including degradation standards.

In closing, DEQ should ignore the comments that are irrelevant to the technical aspects of the NPDES. It is clear that the objectors are “pulling out all the stops” to prevent the development of a subdivision consisting of single-family homes by “throwing everything at the wall and seeing what sticks.” However, this effort is transparent. The critical issue here is not the size of the development, building materials, or the style of the homes. Here, the integral issue is whether the applicant has followed DEQ’s protocols in seeking a NPDES Permit. The answer to that inquiry is yes. In addition, the applicant has received the necessary approvals from ADH and the Pulaski County Planning Commission. Therefore, DEQ should finalize the tentative NPDES Permit approval because as DEQ has already opined, the applicant has provided “all additional information...for the issuance of NPDES Permit.”

Sincerely,

WRIGHT, LINDSEY & JENNINGS LLP



Antwan D. Phillips

## Koon, Nancy

---

**From:** Michele Kemp <mkemp@thekempfirm.com>  
**Sent:** Wednesday, May 18, 2022 12:43 PM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Paradise Subdivision

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Division of Environmental Quality  
NPDES- Office of Water Quality  
[5301 Northshore Drive](#)  
[North Little Rock, AR 72118](#)

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Michele Kemp, and I live at 13909 Ridge Point Ln, Roland, AR 72135 (Waterview Estates). I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

As the population of Pulaski County continues to grow and prosper, so will the expansion West of Little Rock. Community developments and expansions are inevitable. As long as the developers of these communities are willing, able and committed to safe, sound development practices that are within the federal, state and local regulatory requirements as stipulated, the development should be allowed to progress.

It is up to you to perform the due diligence necessary to ensure this development meets those standards and regulatory statutes without prejudice or bias. The results of your assessment should be the basis for your decision.

Thank you for your time.

*Michele Kemp, CPA*

The Kemp Firm, LLC  
PO Box 242043  
Little Rock, AR 72223  
501-231-7208



## Koon, Nancy

---

**From:** Lance Penfield <LancePenfield@bpmrealtors.com>  
**Sent:** Wednesday, May 18, 2022 1:24 PM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Permit Number AR0053210 | AFIN:60-05101

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Nancy Koon | [nancy.koon@adeq.state.ar.us](mailto:nancy.koon@adeq.state.ar.us)  
Bryan Leamons | [leamons@adeq.state.ar.us](mailto:leamons@adeq.state.ar.us)  
Carrie McWilliams | [mcwilliamsc2@adeq.state.ar.us](mailto:mcwilliamsc2@adeq.state.ar.us)  
Faizan Khan | [faizan.khan@adeq.state.ar.us](mailto:faizan.khan@adeq.state.ar.us)

Division of Environmental Quality  
NPDES- Office of Water Quality  
[5301 Northshore Drive](#)  
[North Little Rock, AR 72118](#)

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Lance Penfield and I live at 2828 Leslie Lane, Alexander, AR 72002. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

Mr. Ferguson has developed many subdivisions in the central Arkansas area that has offered homeownership options to different segments of the population over the last twenty years. He has always strived to create a living environment that families want to make their home. Rick holds a strict adherence to the governmental regulations involving roads, sewer and water infrastructure, stormwater and land use that must be followed to create a quality development. All of his subdivisions offer living spaces that are aesthetically pleasing to the families that call them home as well as the communities that benefit from the growth. Thanks in advance for favorably considering his new development plans.

Sincerely,

*Lance*



***Lance Penfield***

*Executive Broker*

*3525 Highway 5 N*

*Bryant, AR 72019*

501-847-5000 Office

501-847-0007 Fax

501-529-9000 Mobile

[lancepenfield@bpmrealtors.com](mailto:lancepenfield@bpmrealtors.com)

## Koon, Nancy

---

**From:** Robert Seeman <robertseeman@icloud.com>  
**Sent:** Wednesday, May 18, 2022 2:21 PM  
**To:** Koon, Nancy  
**Subject:** Paradise Subdivison

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear All:

My name is Robert Seeman and I live at 10330 Kristen Dr, Mabelvale Ar. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:[60-05101](#). Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

Robert Seeman

Sent from my iPhone



## Koon, Nancy

---

**From:** Angelica Rogers <arogers@cbrpm.com>  
**Sent:** Wednesday, May 18, 2022 3:24 PM  
**To:** Koon, Nancy; McWilliams, Carrie; Khan, Faizan; Leamons, Bryan  
**Subject:** Re: Permit Number AR0053210 | AFIN:60-05101

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Division of Environmental Quality  
NPDES- Office of Water Quality  
[5301 Northshore Drive](#)  
[North Little Rock, AR 72118](#)

Dear All:

My name is Angelica Rogers and I live at 2505 N Grant St, LR, AR 72207. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022. Thank you for your consideration.

Sincerely,  
Angelica Rogers, GRI  
[arogers@cbrpm.com](mailto:arogers@cbrpm.com)  
501-831-1311 mobile  
[View my website](#)  
[Download this mobile application to begin your home search](#)

## Koon, Nancy

---

**From:** Zachary Bates <zackk69@gmail.com>  
**Sent:** Wednesday, May 18, 2022 4:13 PM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Permit # AR0053210 | AFIN: 60-05101

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear All:

My name is Zack Bates and I live at 3481 W Yale St in Fayetteville, AR. I'm emailing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18th, 2022.

Kind Regards,  
Zack Bates

## Koon, Nancy

---

**From:** RF Office <ferguson.office@gmail.com>  
**Sent:** Wednesday, May 18, 2022 4:28 PM  
**To:** Koon, Nancy; Leamons, Bryan; McWilliams, Carrie; Khan, Faizan  
**Subject:** Permit AR0053210  
**Attachments:** May 16.docx

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Please take this written support into consideration.

--  
Isalia

May 16, 2022

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Isalia Leon and I live at 8610 Little Rock, AR. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

To whom all is concerned,

I am here to support the above permit to its fullest. I strongly believe that this new subdivision not only will it bring new job opportunities but also give a place to call home and watch our children grow and feel secure. A place that hopefully in the near future will bring a community together and make it a wonderful place to live.

What I do not support is the discrimination by trying to keep those of us who would like to live in the area, out! I believe that just like the rest of the people living in the surrounding area, we deserve to also enjoy a nice place to come home to. Surrounded by nature and away from the distracting city. Why keep others from that experience!

I don't think beautiful homes from \$250K to \$300K could devalue the area! If anything, it will bring successful, responsible, well minded people. Specially if law enforcement and healthcare professionals, teachers, etc. are given the opportunity to reside in Paradise Valley. Why not let it grow into a wonderful community, that hopefully everyone interested could enjoy. Like myself!

I hope you take my sincere support for this permit into consideration.

Thank you,

Donald K. Campbell, III, P.A.  
Kendel W. Grooms, P.A. \*  
Parker L. Spaulding, P.A.  
C. Pierce Caviness †  
Randall L. Gammill Δ

\* Licensed in Arkansas,  
Oklahoma, Texas, and  
Court of Federal Claims

† Located in Hazen Office at  
113 N. Livermore, Hazen, AR 72064

Δ Designated Of Counsel for Hazen Office

8114 Cantrell Road, Suite 100  
Little Rock, AR 72227

Attorneys at Law

Tel: (501) 313-4967  
Fax: (501) 313-4968

kendel@campbellgrooms.com

Jane C. Groves, Paralegal

---

**CAMPBELL & GROOMS**  
PLLC

---

May 18, 2022

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY  
ATTN: Nancy Koon, Bryan Leamons, Carrie McWilliams, and Faizan Khanl  
Division of Environmental Quality  
NPDES - Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

**Re: Permit Number AR0053210| AFIN:60-05101**

Dear All:

My name is Kendel W. Grooms and I am an attorney in the law offices of Campbell & Grooms, PLLC located at 8114 Cantrell Road, Suite 100, Little Rock, Arkansas 72227.

I am writing in **support** of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I planned to attend the hearing in-person but had a conflict with a child's school awards ceremony and kindergarten graduation. Thus, I submit my comments herein that I otherwise would have made during the hearing.

Under established Arkansas law and the United States Constitution, along with its supplemented Bill of Rights and the other documents upon which this Country were founded, the right to lawfully utilize one's property, both real and personal, is absolute. Throughout history, laws, rules, regulations, standards, and guidelines have been developed to limit how property can be used so as to also preserve the rights of surrounding properties.

In this situation, Southwest Equity has complied with every such law, regulation, rule, standard and guideline imposed against it in relation to the permit in question, including going above and beyond those established items at the request of ADEQ in order to ensure compliance and the lowest amount of impact possible on neighboring properties.

Southwest Equity has also not requested any variances during this process. Thus, not even a small amount of bending the rules or lack of strict compliance has occurred here.

Under the laws, rules, and regulations of this State, Country, and ADEQ, there is no justification for denying Southwest Equity its right to utilize the property for its intended purpose as applied for.

Lastly, I am troubled by the alleged reasoning of the citizens that are challenging the permit. The initial Facebook post that kicked off the citizens' campaign is full of personal disdain for the proposed project. For example, the post contains comments stating issues with possible smell, additional traffic, losing the feeling of a country life, and fear of the new Dollar General store not being able to stay stocked.

The initial Facebook post does not contain one mention or worry for the environment. However, the environment has become the backbone of the argument now being affronted by the citizens. As a citizen of Arkansas and the United States, I am personally in complete favor of protecting and preserving the environment, but it is vividly clear that these citizens are leveraging a hot-button, political issue for what is really personal gain. The environmental claim has allowed the citizens the gain publicity through new stories, the backing of State Senators, and support from groups such as the Sierra Club, the Audubon Society, and the Arkansas Game & Fish Commission (the last of which being a State agency that should understand how laws, rules, and regulations are put in place by ADEQ to protect the environment). In my view, the actual owners of property in the surrounding area of the site of the proposed project only care about their personal gain, and have gone overboard in developing a political issue to put pressure on ADEQ even though Southwest Equity has fully complied with ADEQ and all other applicable laws, rules and regulations that are in place to protect the environment and surrounding properties.

For the above reasons, the permit should be approved and the project should be allowed to go forward.

Sincerely,



Kendel W. Grooms

KWG/jcg

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

Danny Ashley

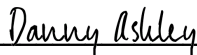
My name is \_\_\_\_\_ and I live at \_\_\_\_\_ 4811 Baseline Rd, Little Rock, Ar 72209. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:



CDE2A628EC764FA...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Joanna walker and I live at Cabot, Arkansas. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
23EB7D59B7E34D6...



ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is German and I live at Jimenez. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
342B106087714B8...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Angelica Rogers and I live at 2505 N Grant St, LR, AR 72207. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
Angelica Rogers  
52792A96A19C463...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Naomi Leon Torres and I live at 112 W Mellwood Road, Little Rock, AR 72209. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
2CF75593397544D...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is GARY CARPENTER and I live at 15901 Minton Rd. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
GARY CARPENTER  
48B9B8B07B1A43B...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Clay Baldwin and I live at 700 East 9th unit 4g Littlew. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
35589B2E602D432...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Blake Miller and I live at 5309 Centerwood Rd. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
B2AF384F683C4BD...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Tyler Anderson and I live at 255 Garner Mtn Rd Amity, AR. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
AD9890226B064EB...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Zach Vachon and I live at 6 Apple Tree Cir. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
D4427FBD85444C1...



ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

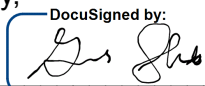
Dear All:

My name is Gus Shuster and I live at 640 Feldspar. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
3A12CCF6714C4CB...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us

Bryan Leamons | leamons@adeq.state.ar.us

Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us

Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality

NPDES- Office of Water Quality

5301 Northshore Drive

North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Tim Ware and I live at 25 cossatot circle, Cabot, Ar 72023. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

I believe that the permit requested should be granted to the developer so that construction can begin on the subdivision as planned, and the addition of homes of a reasonable size and price appropriate for the market area, can be added to the community and increase the opportunity for home ownership in this area.

Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
Supporter  
91D718D56C7B433...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

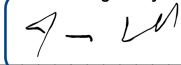
Dear All:

My name is Jeremy Carroll and I live at 26 Fendley Rd, Amity, AR. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
D08DCBE0BD1A464...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Kyle Vachon and I live at 2610 Daisy Cv, Little Rock, AR. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Thank you for your time and consideration.

Sincerely,

DocuSigned by:



00D7A14646F74DC...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

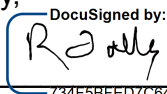
Dear All:

My name is Ronald Talley and I live at washington, At. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Thank you for your time and consideration.

Sincerely,

DocuSigned by:  


734F5BFED7C6448...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Alexandria Catsavis and I live at 3108 n pine st. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
*Alexandria Catsavis*  
923215A7185448F...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

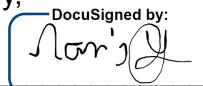
Dear All:

My name is Zach Dennis and I live at 2217 Cedar Creek. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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DocuSigned by:  
  
32AEE15FC3484B9...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Kristi Shuster and I live at 640 Feldspar. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
Kristi Shuster  
D6B8260C5EDF4D9...



ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Gabriela Vachon and I live at 6 apple tree cir, Little Rock AR. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Sincerely,

DocuSigned by:  
  
F678F292D66F4EB...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
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Division of Environmental Quality  
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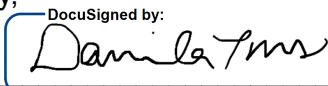
Dear All:

My name is Daniela Torres and I live at 4600 Rixie Rd #529, North Little Rock, AR 72117. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Sincerely,

DocuSigned by:  
  
2C35B2EF1D3E498...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Rachel Juvera and I live at Little Rock, AR. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Sincerely,

DocuSigned by:  
  
08CEEF137C59412...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
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Division of Environmental Quality  
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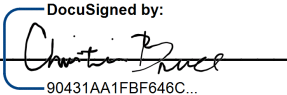
Dear All:

My name is Christina Bruce and I live at Castlestone Cv in Alexander. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Sincerely,

\_\_\_\_\_  
  
90431AA1FBF646C...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

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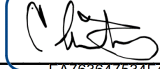
My name is Christen Reyna and I live at 2 trinity circle. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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DocuSigned by:



EA763647534F4A9...

ATTN:

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Bryan Leamons | leamons@adeq.state.ar.us

Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us

Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality

NPDES- Office of Water Quality

5301 Northshore Drive

North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

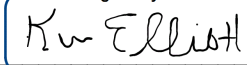
Dear All:

My name is Kim Elliott and I live at 6 River Ridge, Little Rock, AR 72227. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Sincerely,

DocuSigned by:  
  
3CC4858A9EFD480...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Jim Smith and I live at 2175 Waterview Dr.. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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DocuSigned by:  
  
49E92B8DC8D8404...

ATTN:

Nancy Koon | nancy.koon@adeq.state.ar.us  
Bryan Leamons | leamons@adeq.state.ar.us  
Carrie McWilliams | mcwilliamsc2@adeq.state.ar.us  
Faizan Khan | faizan.khan@adeq.state.ar.us

Division of Environmental Quality  
NPDES- Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Permit Number AR0053210 | AFIN:60-05101

Dear All:

My name is Kendel Cole and I live at 8 Lark Place. I'm writing in support of the approval of the permit for the applicant, Southwest Equity Investments, Paradise Subdivision WWTP, on the NPDES Permit Number AR0053210 and AFIN:60-05101. Please accept my written comments regarding DEQ's permitting decision in preparation for the public hearing on May 18, 2022.

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Thank you for your time and consideration.

Sincerely,

DocuSigned by:  
  
75F4B0D63E9C480...



## **Koon, Nancy**

---

**From:** Brenda Mize <mizebk@gmail.com>  
**Sent:** Wednesday, May 18, 2022 2:54 PM  
**To:** Water Draft Permit Comment  
**Subject:** Permit Ar0053210

I think this development as planned would damage the property owners who currently reside and enjoy Roland. We need responsible development. Just because you own land doesn't mean that you can undertake development that could damage the environment, the drinking water, and the recreation in this area. This is our Natural State, please make a responsible decision and hold on this development until a better solution is provided on WWTP.

Brenda Mize

Sent from my iPhone

## Koon, Nancy

---

**From:** Cheryl K <motherofme53@gmail.com>  
**Sent:** Wednesday, May 18, 2022 2:57 PM  
**To:** Water Draft Permit Comment  
**Subject:** Permit No. AR0053210

Very simply the pro Paradise Valley commenters are all about housing. The right to have a home to raise a family, etc. All emotional, personal and not what we are here for.

There were no complaints from the community about Waterview Estates. There were no complaints from the community about the original proposal for the subdivision called Saddle Ranch. These homes would have had septic tanks, therefore little concern for horrible pollution of a barely viable bayou, Mill Bayou is either stagnant or flooded.

THIS HEARING is about the waste water treatment plant. Just the waste water treatment plant and the future fall-out from not only the initial waste water treatment plant for the first 76 homes but the additional planned waste water treatment plants to accommodate the plat of 450 homes. This developer owns almost every vacant parcel of land around Roland and Little Italy. Paradise Valley is just the tip of the iceberg. Once the development is started there will be carte blanche for the rest of the parcels of land this bad actor owns in the area.

Character witnesses in support of the developwe has nothing to do with the proposed waste water treatment plant. Do your JOB. You are the Dept of Environmental QUALITY! Do your job! The entire world is concerned about the environment. Everywhere but the state of Arkansas?????  
Sent from my iPhone

**Koon, Nancy**

---

**From:** Kimberly H White <kwhite62061@sbcglobal.net>  
**Sent:** Wednesday, May 18, 2022 3:02 PM  
**To:** Water Draft Permit Comment  
**Subject:** [BULK] E-mail from Draft Permits at Public Notice Webpage

I support the applicants request for permit No.AR0053210 Paradise Valley development.

Sent from my iPhone

## Koon, Nancy

---

**From:** David Smith <davidearlsmith920@gmail.com>  
**Sent:** Wednesday, May 18, 2022 3:41 PM  
**To:** Water Draft Permit Comment  
**Subject:** Draft permit no. AR0053210

I do not think sewage(treated or untreated) should be discharged into a nonflowing unnamed tributary. Flooding is prevalent in this area at times and this wastewater will be disbursed onto neighbors property. Other times the wastewater will simply have to evaporate leaving sewage residue behind.

Storm water runoff has increased since central AR water forced Waterview to redirect stormwater from the maumelle watershed to Mill Bayou. It will become worse with the Paradise Valley development. I don't know if you deal with storm water runoff, but it will be a problem for property owners near the proposed wwtf.

David E Smith  
200 S Ridge Road  
Little Rock, At. 72207

Sent from my iPhone

**Koon, Nancy**

---

**From:** MAUMELLE Water <maumellewater@comcast.net>  
**Sent:** Wednesday, May 18, 2022 4:00 PM  
**To:** Water Draft Permit Comment  
**Subject:** Permit # AR0053210  
**Attachments:** Image (1).jpg

Please find the attached is the letter of concern requesting the impact study that was read by Danny Hernandez at the public hearing held today, May 18th, 2022 at 2 p.m. CST.

Thank you,  
Maumelle Water Corp.  
(501) 868-5110

MAUMELLE WATER CORP  
PO BOX 65  
ROLAND, AR 72135  
501-868-5110  
[maumellewater@comcast.net](mailto:maumellewater@comcast.net)

Arkansas Department of Energy and Environment  
Division of Environmental Quality (DEQ)-Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118-5317  
Attn: Bryan Leamons, Senior Operations Manager

April 27<sup>th</sup>, 2022

**RE: Public Hearing for Proposed WWTP Permit for Paradise Valley Subdivision**  
**Draft Permit Number AR0053210**  
**AFIN: 60-05010**

To Whom it May Concern,

On April 26<sup>th</sup>, 2022, Maumelle Water Corporation held our annual board meeting which is open to the public and all Members on our water system. There was a motion made by the members that we send this letter to ADEQ to be addressed on or before the Public Hearing scheduled for May 18<sup>th</sup>, 2022.

First, let us provide a little history. We first sent a “Letter of Concern” to ADEQ (which at that time was addressed to Mr. Jeff LeMaster) dated September 20, 2021 and emailed it to Mr. LeMaster on September 22<sup>nd</sup>, 2021. This letter requested an impact study be completed regarding the proposed WWTP explaining the affect it could have on our aquifer and in turn our Well(s) which supply our system with drinking water. Mr. LeMaster responded the same day, September 22<sup>nd</sup>, 2021, stating that he would “share this with some of our leadership and follow up with a formal response in the coming days.”

By March, 2022, after some research, we learned that Mr. LeMaster was no longer with ADEQ. On March 16<sup>th</sup>, 2022, MWC’s “Letter of Concern” was forwarded to Mr. Bryan Leamons, Senior Operations Manager, with a request to respond verifying the receipt of the letter in reference. On March 24<sup>th</sup>, after no response from Mr. Leamons, another email was sent to inquire about the receipt of the letter. On March 28<sup>th</sup>, 2022, Mr. Leamons responded via email, stating that the letter was received on March 16<sup>th</sup>, 2022. Mr. Leamons also confirmed via email on April 25<sup>th</sup>, 2022 that the “Letter of Concern” in reference was included in the public comments to be addressed at the public hearing.

At this time, we are unsure of the status of the study that we have requested. Our members are concerned of the impact this WWTP could potentially have on their drinking water. Maumelle Water Corporation and its members voted that our expectation of ADEQ is that the Proposed Paradise Valley WWTP will not be approved *until* ADEQ provides MWC in writing that our aquifer will not be impacted. MWC requests that we receive a response to this letter and the results of the previously requested impact study *prior* to the approval of the proposed permit specified above. We appreciate your assistance with this matter and look forward to receiving a response at your earliest convenience.

Thanking you in advance,

  
\_\_\_\_\_  
Scott Eldridge, Board President

## Koon, Nancy

---

**From:** Cheryl K <motherofme53@gmail.com>  
**Sent:** Wednesday, May 18, 2022 4:18 PM  
**To:** Water Draft Permit Comment  
**Subject:** Fwd: Permit No. AR0053210

Sent from my iPhone

Begin forwarded message:

**From:** Cheryl K <[motherofme53@gmail.com](mailto:motherofme53@gmail.com)>  
**Date:** May 18, 2022 at 4:12:59 PM CDT  
**To:** [Water-Draft-Permit-Comment@adeq.state.ar.us](mailto:Water-Draft-Permit-Comment@adeq.state.ar.us)  
**Subject:** Fwd: Permit No. AR0053210

Cheryl K (my last name causes message failure)  
P O Box 84  
Roland, AR 72135  
501-773-6903

Sent from my iPhone

Begin forwarded message:

**From:** Cheryl K <[motherofme53@gmail.com](mailto:motherofme53@gmail.com)>  
**Date:** May 18, 2022 at 2:56:33 PM CDT  
**To:** [Water-Draft-Permit-Comment@adeq.state.ar.us](mailto:Water-Draft-Permit-Comment@adeq.state.ar.us)  
**Subject:** Permit No. AR0053210

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Sent from my iPhone



## Koon, Nancy

---

**From:** Alford Drinkwater <alford\_drinkwater@yahoo.com>  
**Sent:** Wednesday, May 18, 2022 5:50 PM  
**To:** York, Alan; McAlister, Michael; Water Draft Permit Comment  
**Subject:** Paradise Valley Public Comment  
**Attachments:** ALFORD DRINKWATER COMMENT - WITH STEVE PATTERSONS COMMENT ADDED - 5-18-22.pdf

Good afternoon,

Thanks again for holding the public hearing today. I believe that it gave many in the community a chance to speak their concerns.

I provided written comments for myself and written comments from Dr. Steve Patterson while I was checking in at the public hearing. Dr. Patterson's comments were given as an addition to my comments and so stated in my comments. However, the two documents were not stapled together. I thought that perhaps I should combine the documents and send them as one document to make sure they are properly submitted.

Thanks,

Al Drinkwater  
Town & Country Services  
89 Underwood Road  
Bigelow, Arkansas 72016  
(479) 422-4826

Sent from [Mail](#) for Windows 10

Arkansas Department of Energy and Environment  
Division of Environmental Quality  
Office of Water Quality

Public Comment:

Permit No. AR0053210  
Date: May 18, 2022  
Name: Alford Drinkwater  
Organization: Town & Country Services  
89 Underwood Road  
Bigelow, Arkansas 72016

**Inappropriate Location:** The Paradise Valley WWTP (AR0053210) will discharge into an ephemeral, unnamed tributary of Mill Bayou. Because the tributary is an ephemeral stream, the WWTP will discharge at a point where there is little or no water flow several months each year. Significant flow at that point only occurs following a precipitation event. Discharged wastewater will travel only a short distance before entering a flooded wetland that retains water during most of the year. Under those conditions, pollutants are expected to concentrate in the flooded wetland because of the wastewater discharge. How will the identified uses for the water in Mill Bayou, including fishing, swimming, and drinking, be protected if wastewater is allowed to be discharged into a dry or almost dry stream then accumulate and concentrate in a flooded wetland? Was DEQ aware of the unique environment and ecology of the area receiving the discharge and was it considered by DEQ before deciding to issue the permit?

Both the 1Q10 and 7Q10 flows for the discharge outfall location are zero based on observation by local residents over many years. The Criterion Continuous Concentration (CCC)<sup>-1</sup> required by the U.S. Clean Water Act is a multi-day average concentration of a pollutant in ambient water that should not be exceeded more than once every three years on average. The criterion is used to protect aquatic life from chronic effects. Based on zero flow for the 1Q10 and the 7Q10, it does not appear to be possible to permit the proposed wastewater plant without creating pollutant concentrations that will destroy downstream flora and fauna in the Mill Bayou watershed.

The draft permit contains a monthly average ammonia discharge limit of 5.6 mg/l in April; 5.0 mg/l from May through October; and 10 mg/l from November through March. The U.S. EPA recommended level for chronic ammonia in ambient fresh water at 7.0 pH and 20°C is 1.9 mg/l<sup>-2</sup>. During low flow or no flow conditions the proposed wastewater discharge will almost certainly cause an exceedance of EPA's recommended level for chronic ammonia toxicity.

Arkansas Regulation 2.512 states that the monthly average concentration of total ammonia nitrogen shall not exceed 4.15 mg/l at 7.0 pH and 20°C. Given the existing ambient background levels of ammonia nitrogen, it appears that the addition of ammonia from the proposed wastewater discharge will cause ammonia levels to rise past a point of toxicity and destroy Mill Bayou as a fishery.

The permit for this proposed wastewater treatment plant should be denied because it will allow discharge of poorly treated wastewater at a completely inappropriate location.

**Inappropriate Treatment Facility:** The proposed wastewater treatment plant does not have treatment capacity for phosphorus, heavy metals, hormones, endocrine interrupters, prescription drugs, or hazardous waste. It does not have any buffering capacity such as lagoons to prevent poorly treated wastewater from being discharged before treatment has been completed. The lack of capacity in package treatment plants means that every gallon of wastewater has to be completely and perfectly treated when it is time for it to be discharged because there is no other place for it to go.

Since there is insufficient buffering capacity built into the package treatment plant and package treatment plant provides no treatment at all for many known and very troubling pollutants such as endocrine interrupters, hormones, phosphorus, and heavy metals, the proposed WWTP is completely inappropriate for the environment and ecology in the Mill Bayou area. The permit for this proposed wastewater treatment plant should be denied due to its inadequacies for properly treating wastewater.

**Inappropriate Permittee – Bad Actor:** These comments are directed specifically to discharge permit AR0053210. However, it is relevant to include information relating to stormwater permit ARR150142, stormwater permit ARR157007, and

wastewater permit AR0050393. All of these permits have been granted by DEQ to entities controlled by the same person applying for permit AR0053210.

AR0050393 is a wastewater permit for a package treatment plant that serves Waterview subdivision. It discharges at a point on Mill Bayou west of the Waterview subdivision and approximately 3.0 stream miles below the proposed discharge point for this permit (AR0053210). The discharge point for AR0050393 is a permanent stream that continuously flows. The discharge point for AR0053210 is an ephemeral stream that is dry for significant periods.

The north end of the Paradise Valley subdivision is connected overland by a piece of property including easements owned entirely by the developer/permittee. The distance from the north end of Paradise Valley to the discharge point for AR0050393 is approximately 1.9 miles overland. The permittee could discharge into the lower permanent stream segment of Mill Bayou if he chose to do so.

ARR150142 is a stormwater permit for 1,100 acres of land. It was reissued in 2006 and 2021. It includes the 170-acre area where the 19.2-acre Paradise Valley subdivision is proposed to be built.

AR157007 is a stormwater permit for 170 acres of land and was reissued in 2021. All of the 170 acres covered by this permit are also a part of the 1,100 acres covered by permit ARR150142. No request for modification of the coverage boundaries for ARR150142 is on file with the pertinent documents filed on the DEQ website. Therefore, the Paradise Valley subdivision appears to be covered by both ARR150142 and ARR157007.

Stormwater permit ARR150142 allowed for the transfer of a significant amount of stormwater from the Maumelle watershed into the Mill Bayou watershed. The area in the Maumelle watershed for which this transfer relates is approximately 100 acres. The stormwater pollution prevention plan for ARR150142 includes controls for sediment such as silt fences and retention basins.

On July 2, 2008, DEQ performed a stormwater inspection at the 1,100-acre Waterview Estates site. During that inspection it was discovered that the owner had not constructed two of the retention basins that were called for in his

stormwater permit. At least one of those retention basins was supposed to be located in the area of the currently proposed Paradise Valley subdivision.

On February 22, 2022, DEQ again performed a stormwater inspection of the Waterview Estates site with emphasis on that part of the site occupied by the proposed Paradise Valley subdivision. Once again, almost 14 years later, DEQ discovered that the developer had not constructed the promised retention basins.

On January 14, 2009, DEQ performed a stormwater inspection at the 1,100-acre Waterview Estates site. During that inspection it was discovered that the owner had not observed the required 25-foot buffer from the unnamed streams flowing across the site. Based on the pictures appurtenant to that report, at least some of those unnamed streams were located in the area of the currently proposed Paradise Valley subdivision.

On February 22, 2022, DEQ again performed a stormwater inspection of the Paradise Valley subdivision site. Once again, almost 14 years later, DEQ discovered that the developer had not observed the required 25-foot buffer from the unnamed streams flowing across the site.

Based on the inspection reports made available by DEQ on its website, it appears that from May 18, 2011 until February 22, 2022 no stormwater inspections of the Waterview Estates site were performed. There were three inspections performed during a three-year period (2008-2011) followed by no inspections for an 11-year period (2011-2022). All three of the inspections from 2008-2011 showed significant violations. But there appears to have been no follow up inspections for 11 years. How is that possible?

In January 2022, a complaint against the stormwater permit holder was filed with DEQ. That complaint resulted in a DEQ inspection. The inspection revealed that permittee had failed to observe buffers and bulldozed multiple ephemeral streams, failed to build a retention basin, used a county road as part of its retention and channeling structure, and many other violations. It appears that DEQ now believes that the same permit holder will comply with the terms of a wastewater permit using an ill-suited package treatment plant that must perform perfectly 24 hours per day due to its lack of buffering capacity. This permit should

be denied because the applicant has shown himself to be a bad actor with existing environmental permits.

The applicant has indicated that the proposed WWTP will be manned daily for a couple of hours. Without daily maintenance, a package treatment plant soon becomes dysfunctional. The applicant has an established track record with regard to his failure to provide daily routine maintenance for an existing package treatment plant (AR0050393 – Waterview subdivision) according to the DEQ's inspection reports. The applicant also has an established track record with regard to his gross disregard and failure to abide by the terms of stormwater permits ARR150142 and ARR157007. Because of the applicant's failure to comply with discharge requirements, operate and maintain the existing Waterview wastewater treatment plant in accordance with agreed upon operating practices, and comply with his stormwater permits, he has established himself as a bad actor. Can this applicant be trusted with another permit for a WWTP that will discharge into a much more environmentally sensitive area than his first WWTP (AR0050393) discharges into? I think not. This permit should be denied because it pairs a bad actor, poor technology, and a sensitive environmental area.

The Waterview subdivision received coverage under construction stormwater permit ARR150142 for an 1,100-acre tract that includes both the Waterview subdivision and the Paradise Valley subdivision in 2006. As stated above, the permittee was allowed to redirect stormwater from a large area within the Maumelle watershed to the Mill Bayou watershed. The permittee agreed to construct a retention basin and provide other protections to prevent stormwater pollution and flooding of Mill Bayou.

However, in a February 22, 2022 stormwater inspection report, DEQ found that the permittee had not constructed the retention basin and had done significant damage to intermittent and ephemeral streams on the property. From 2006 until 2022 is an awfully long time for DEQ to allow the permittee to dump excessive stormwater polluting and flooding neighboring property without constructing promised retention basins.

When the February 22, 2022 stormwater inspection was conducted, the most severe violations discovered in the 2008 and 2009 inspections were still fresh and ongoing. Can we trust this developer? Can we trust DEQ to control this

developer? The other property owners and residents in the Roland area also have property rights and DEQ is obligated to protect those rights as much as a developer's right to pollute under the cover of a DEQ permit.

The permittee has constructed diversion berms and canals within the Lake Maumelle (Maumelle River) watershed that are used to transfer stormwater from approximately 100 acres into the Mill Bayou watershed. The transfer of that stormwater has contributed to increased flooding on private property located below the development in the Mill Bayou watershed. The developer has created a point source discharge from the completed and under construction areas in the Waterview subdivision that flows through the Paradise Valley subdivision and onto neighboring private property. According to a statement from Jessica Sears, DEQ Office of Water Quality, Permits Branch, the point source discharge of stormwater from Waterview subdivision and Paradise Valley subdivision will not be required to obtain an MS4 permit after construction is complete.

ARR15000, PART II, Section A(4)(L) states, "... However, post-construction stormwater BMPs that discharge pollutants from a point source once construction is completed may need authorization under a separate DEQ NPDES permit." There is no question that the developer has created a polluted "point-source" discharge. Under state and federal regulations, the developer should be required to secure an individual NPDES stormwater permit.

According to 40 CFR 122.1 (b)(1), "The NPDES program requires permits for the discharge of 'pollutants' from any 'point source' into 'waters of the United States.' The terms 'pollutant', 'point source' and 'waters of the United States' are defined at § 122.2."

Currently, stormwater from both the Waterview subdivision's completed and uncompleted areas flows through canals and pipes creating a polluted point source discharge that flows through the Paradise Valley subdivision then onto neighboring private property without benefit of the retention basin promised in 2006. DEQ should move quickly to enforce permits ARR150142 and ARR1507007, to prevent further flooding and destruction of wetlands and the ecology below the Paradise Valley subdivision. And DEQ should deny permit AR0053210 to prevent the pollutant buildup from destroying the Mill Bayou wetlands.

DEQ typically allows developers in Arkansas, under cover of a registered engineers stamp, to install a retention basin to reduce stormwater pollution and flooding. However, it is well known that a full retention basin does little to reduce either pollution or flooding during a stormwater event. Retention basins are most often full in the spring at the same time stormwater events most often occur.

In order to minimize flooding onto neighboring property, DEQ should require an appropriately designed and sized detention and slow-release system instead of the retention system which was promised by the developer but never delivered. In cases such as protecting the wetlands around Mill Bayou, the detention system should be designed with significant capacity capable of handling the entire basin area, all of which is owned by the developer. The detention system should be equipped with very slow release to prevent flooding and destruction of wetlands. DEQ should deny this discharge permit and not provide imprudent validation for the developer's environmentally destructive plans.

The February 22, 2022 stormwater inspection report completed by DEQ indicates that according to the USGS StreamStats Application the "promised but never delivered" retention basin drains approximately 320 acres on the permitted site not including offsite flow. I have reviewed the area using the USGS StreamStats Application and I was able to confirm the 320-acre basin area referenced. However, the DEQ report failed to include the approximately 100-acre area in the Maumelle watershed and the Waterview subdivision that is drained into the Mill Bayou watershed. That watershed-to-watershed stormwater transfer is included in stormwater permit ARR150142.

According to the information provided by Bryan Leamons (DEQ) in his March 2, 2022 letter to the developer, the developer is responsible for controlling the stormwater from Waterview Estates subdivision (permit ARR150142) that flows through Paradise Valley and he is responsible for controlling the stormwater originating in Paradise Valley subdivision (permit ARR157007). If only the point source stormwater from the approximately 320-acre area identified in the February 22, 2022 inspection and the approximately 100-acres that are being transferred from the Maumelle basin into the Mill Bayou basin are considered, the developer will need to furnish a retention basin with a capacity of approximately 1,152,000 cubic feet.



On March 24, 2022, the developer's engineer submitted a letter stating that a new sedimentation basin would be provided with 110,000 cubic feet of capacity. In light of the fact that the same developer is responsible for all the stormwater from the Waterview subdivision (ARR150142) and the Paradise Valley Subdivision (ARR157007), the proposed 110,000 cubic foot retention basin has less than 10% of the capacity needed.

Photograph DSCN3662 included with the Paradise Valley stormwater inspection conducted by DEQ on February 22, 2022 shows the unnamed tributary to Mill Bayou flooded bank full on the north side of Roland Cutoff Road with stormwater that had just left Paradise Valley. A rain fall event of 1.36 inches had been recorded according to the inspection report. No homes have yet been built in Paradise Valley. No streets have yet been paved in Paradise Valley. The current sub-section of the Paradise Valley subdivision that is under construction contains less than 20% of the homes that are planned for the entire subdivision. Runoff from the constructed areas will increase from around 30-35% to over 60% of stormwater when the construction is complete.

Photograph DSCN3662 indicates that the developer has already created flooding problems for the community. Allowing additional development to take place without significant stormwater controls will create devastating floods. In addition, the increased volume of stormwater created by the development and the partially treated wastewater from the proposed wastewater treatment plant will destroy the wetlands downstream.

The wastewater effluent's negative impact on the wetlands and Mill Bayou will be significantly enhanced due to the uncontrolled and ramped up stormwater. I have included as a part of my comment, comments from Dr. Steve Patterson regarding damage the wastewater effluent in conjunction with stormwater will cause for the wetlands downstream from the wastewater treatment plant. Dr. Patterson is a well-known expert in wetlands and wetlands restoration.

In summary, this developer has been given three environmental permits from DEQ and has failed to honor the terms of all of them. He has proven himself to be an unreliable bad actor who acts in bad faith when he gives DEQ his word that he will comply with the terms of his permits. He should not be given another environmental permit until he has sufficiently proven his capacity to comply with

existing permits. Without extraordinary controls, this developer will destroy an extraordinary Arkansas environmental and cultural resource which is located on private property belonging to people who have private property rights. Please deny wastewater permit AR0053210.

Notes;

1. Criterion continuous concentration (CCC) means the highest instream concentration of a toxicant or an effluent to which the organisms can be exposed to protect against chronic (long-term) effects.
2. AQUATIC LIFE AMBIENT WATER QUALITY CRITERIA FOR AMMONIA – FRESHWATER 2013; US EPA; EPA 822-R-18-002;

# Addition to Comments from Alford Drinkwater - 5-18-21

## Memorandum

**Date:** May 16, 2022

**To:** Arkansas Division of Environmental Quality (ADEQ)

**From:** Steven Patterson, Ph.D., Restoration Ecologist, PO Box 1293, Poteau, OK 74953

**Re:** Potential Impacts to Mill Bayou and associated wetlands from wastewater discharge from the proposed Paradise Valley Wastewater Treatment Plant (NPDES Permit Number AR0053210).

*"Existing instream water uses and the level of water quality necessary to protect the existing uses shall be maintained and protected." (APC&EC 2020).*

## Summary

These comments address potential impacts of the discharge of partially treated wastewater from the proposed Paradise Valley Wastewater Treatment Plant (WWTP) (NPDES Permit Number AR0053210) to Mill Bayou and its associated wetlands.

Potential ecological impacts of partially treated wastewater on wetland ecosystems are driven primarily by:

- (1) hydrologic changes, including an increased water flow, changes to the timing of flow, and change to water surface elevations;
- (2) nutrient enrichment of the wetland system;
- (3) Potential impacts of other pollutants that may be carried into the ecosystem in partially treated wastewater.

The State of Arkansas's *Antidegradation Policy*, found in Chapter 2 of Regulation 2 (the state's water quality standards) is designed to ensure the *protection of existing uses for all waters* [my emphasis] (APC&EC 2020).

Arkansas has no wetland-specific water quality standards. It would be good if such were developed; however, in their absence, Arkansas's antidegradation standard applies - **no degradation** of the water quality in Mill Bayou and its associated wetlands should be allowed.

## Proposed Project

The proposed Paradise Valley Wastewater Treatment Plant (WWTP) has a design flow of 50,000 gallons/day (PMI 2020).

The location of the proposed WWTP outfall is south and west of Mill Bayou as shown in Figure 1. Discharge from the plant would first be to an intermittent unnamed tributary stream which then flows a short distance to a second intermittent unnamed tributary stream, and this stream subsequently flows to Mill Bayou. Mill Bayou then flows first south and east and then mostly east until it reaches a back water area of the Arkansas River (Murray Lake) (Figure 2).

## The Importance of Protecting Wetlands

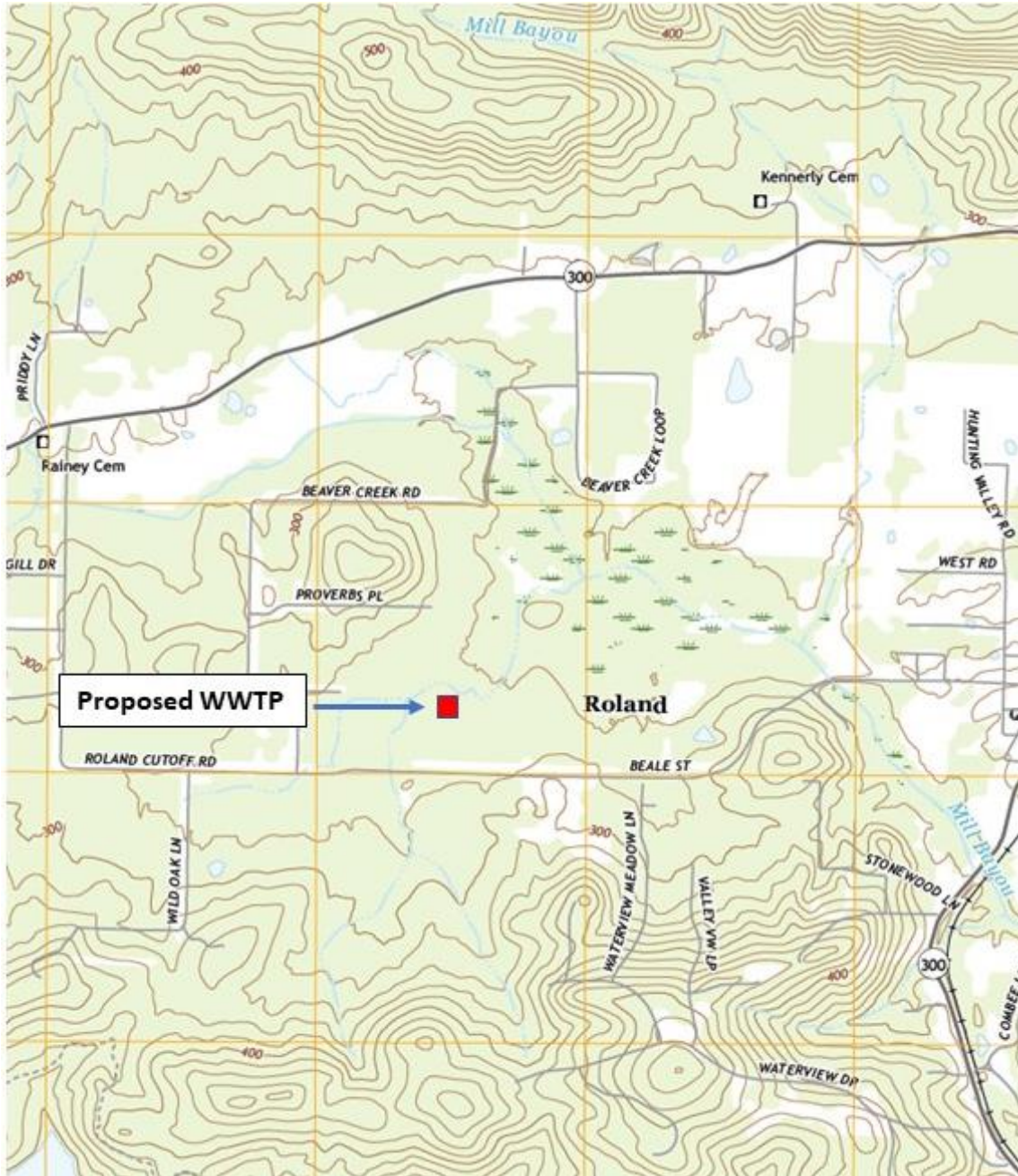
Wetlands were once seen by many as waste areas, with little value. Consequently, over the past 200 years, approximately half of the wetlands of the United States have been lost, primarily through filling, dredging, or draining (Dahl 1990).

In Arkansas, it is estimated that wetland loss has been even greater than the national average, with *\*over 70%\** of wetlands in the state lost (Dahl 1990). Two hundred years ago there were approximately 9.8 million acres of wetlands within the boundaries of what would become the State of Arkansas, almost 30% of the total surface area of the state. By the mid 1980's the area of wetlands had been reduced to only 2.8 million acres (Dahl 1990). While the greatest losses occurred in the Arkansas Delta region, significant wetland loss has also occurred along the Arkansas River, in areas like the current project.

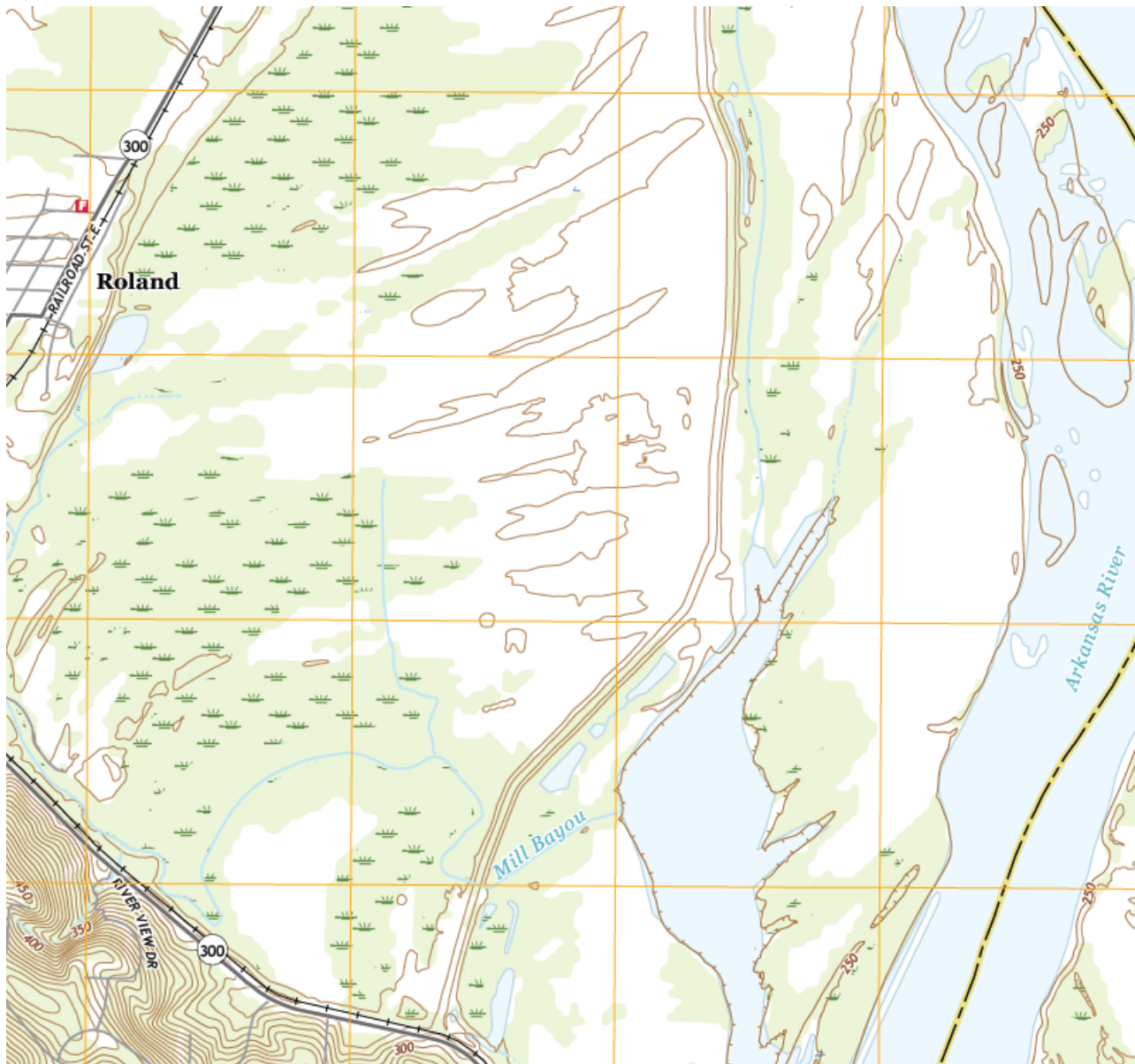
In recent decades the value of wetlands has become increasingly evident, leading to laws to protect them. Wetlands play an important role in flood control, nutrient cycling and improving water quality; they provide essential wildlife habitat and provide nutrients that support fishing. In addition, they provide opportunities for recreational use and nature study and appreciation. More recently their role in long term carbon storage has been recognized.

Federal law, Section 404 of the Clean Water Act, recognizes the importance of wetlands and the consequences of their loss, and requires permits from the US Army Corps of Engineers to impact wetlands through the discharge of dredge or fill materials.

Unfortunately, the physical filling of wetlands is not the only way people may negatively impact wetlands. The discharge of nutrients and increased water flows associated with stormwater and wastewater discharge may also negatively impact wetlands.



**Figure 1.** Wastewater treatment plant outflow to intermittent streams and then to Mill Bayou (excerpt from USGS Fourche, AR topographic map, 2020).



**Figure 2.** Mill Bayou downstream to the Arkansas River (Lake Murray) (excerpt from USGS Mayflower, AR topographic map, 2020).

### Mill Bayou and its associated wetland complex

While the USGS topographic maps of the area show Mill Bayou and its tributaries as "blue-line streams," indicating flow at least part of the year, the topographic maps also clearly record that for most of their courses these streams flow through and contribute to a large wetland complex, as can be seen in Figures 1 & 2.

Portions of the Mill Bayou wetlands support baldcypress (*Taxodium distichum*) and other bottomland hardwood vegetation. In other areas, shallow water vegetated areas support emergent and submergent aquatic and wetland vegetation.

Mill Bayou and its associated wetlands are located primarily on private property, and while various groups have conducted reconnaissance of the area, there are no published analyses or reports on wetland types or extent in the area, that I am aware of.

The White Oak Bayou Watershed located on the other side of the Arkansas River from Mill Bayou, has, on the other hand, been the subject of several wetland surveys and studies over several years. Based on this work, a wetland management plan for the watershed was recently developed for the City of Maumelle (2020). Studies found the White Oak Bayou watershed to contain a variety of wetland types including some eight hydrogeomorphic subclasses. Each of these supports a variety of plant communities and wildlife, despite a history of disturbance and urbanization (City of Maumelle 2020).

While the White Oak and Mill Creek Bayous are not identical ecosystems, the diversity of wetland types, plant communities, and wildlife described there undoubtable overlaps with what may be found in the Mill Bayou wetlands, were they to be subjected to an equal level of study.

## Potential impacts of wastewater discharge to wetlands

Potential ecological impacts of partially treated wastewater on wetland ecosystems are driven primarily by hydrologic changes, including an increased water flow, changes to the timing of flow, and to water surface elevations; by nutrient enrichment of the wetland system; and other potential impacts related to other pollutants that may be carried into the ecosystem in partially treated wastewater.

*Flood pulsing.* Wetland ecosystems are typically structured by *\*pulsed\** flooding events, rather than continuous steady flow (Middleton 2002). As one example of the importance of pulsing rather than continuous flooding, the successful regeneration of baldcypress (*Taxodium distichum*) requires a period where water levels recede, and an exposed wet soil bed allows seeds to germinate and begin to grow. Constant flooding prevents baldcypress reproduction (Souther and Shaffer 2000; Shaffer et al. 2009).

Prolonged flooding from wastewater discharge may also damage existing vegetation. In Hammond, Louisiana, wastewater discharge led to the death of wetland vegetation and the replacement of a former diverse vegetated wetland complex with open water (Pagones 2017 in Bell 2020).

Continuous open water systems without vegetation do not provide same ecological values and services as diverse, vegetated wetland ecologies. While the flows at Hammond were higher

than those contemplated by the current project, the ecological processes involved, and the potential impacts, remain.

*Water surface elevation.* The frequency, depth, and duration of flooding in wetlands controls wetland plant species survival, distribution, reproduction, and dispersal; the specifics vary by plant species (Mitsch and Gosselink 2015). Even very small differences in water surface elevation (inches or less) can produce differences in the dominant vegetation.

Proposed discharges from the WWTP will alter water surface elevations in the Mill Bayou wetlands. These changes will be most evident in dry seasons and dry years when rainfall runoff flows are not present. These have the potential to alter wetland vegetation communities of the site.

*Nutrient loading.* Nutrients, (nitrogen and phosphorus), are not removed by the water treatment processes proposed for this project. Nutrient removal requires additional levels of treatment.

Additional nutrients entering the streams and wetlands of Mill Bayou from the WWTP will provide additional fertilizer that may increase the growth of algae and cyanobacteria in the system. Excess nutrients lead to increased algae growth; when the algae die, their decomposition uses up oxygen. This may lead to low dissolved oxygen levels. Low dissolved oxygen levels are directly detrimental to fish and other wildlife; they can also drive a process by which even more phosphorus is released from wetland sediments to the overlying water, fueling even more algae growth. This cycle is detrimental to a whole large range of wildlife species.

Increased nutrient loading rates also tend to increase soil microbial metabolism, which can reduce soil strength, and lower belowground biomass production (root growth) (Turner 2011).

*Other pollutants.* There is a range of other pollutants and potential pollutants that may pass through wastewater treatment plants largely unscathed. Some of these are becoming of increasing concern, both for ecological and human health (USEPA 2022). These include various personal care products, pharmaceuticals, antibiotics, estrogens and other hormones, and illicit drugs.

As discussed above, for parts of the year, there may little or no flow in Mill Bayou, its tributaries, and wetlands. In the absence of a flushing rain, wastewater will accumulate in low areas.

One use of the Mill Bayou wetlands is waterfowl hunting. Others traverse the wetlands recreationally. Hunting, recreational use, including birding and botanizing, frequently involve wading, thus potentially exposing visitors to various accumulated toxins.



## Discharge to constructed treatment wetlands vs. natural

Appropriately designed and engineered constructed treatment wetlands may be created to treat wastewater responsibly and successfully (USEPA 2004). They can be particularly effective as nutrient removal "polishing," and can simultaneously provide wildlife and recreational value.

Sewage discharge into such systems designed to receive them is not equivalent to the discharge of partially treated wastes into existing, natural wetlands.

Increasingly, wetland scientists endorse the use of constructed wetlands for treating sewage but *discourage the use of natural wetlands to receive wastewater* (Bell 2020).

## Compounded impacts from stormwater

While the current permit application under discussion only pertains to wastewater discharge, it is important to recognize that the potential impacts discussed here are not the only impacts that the proposed development will have on the Mill Bayou wetland complex. The volume of stormwater discharge to the wetland will dwarf the WWTP discharge.

The increase in impervious cover from development roads, driveways, and roofs will lead to major increases in the amount of water discharged to the wetland. This large pulse of stormwater runoff will interact with WWTP discharge to further degrade the ecological communities of the marshes and swamps of the Mill Bayou system.

## References

APC&EC 2020. Regulation No. 2. Regulation establishing water quality standards for surface waters of the State of Arkansas. Arkansas Pollution Control and Ecology Commission. January 24, 2020.

Bell, N. 2020. What a waste: the damaging use of sewage diversions in Louisiana wetlands and the implications of the Clean Water Act. *LSU Journal of Energy Law and Resources* Vol. 8 (2019):233-260.

City of Maumelle. 2020. White Oak Bayou Wetland Management Plan. Revision 3. August 2020.

Dahl, T.E. 2011. Status and trends of wetlands in the conterminous United States 2004 to 2009. U.S. Department of the Interior; Fish and Wildlife Service, Washington, D.C. 108 pp.

Dahl, T.E. 1990. Wetland Losses in the United States 1780's to 1980's. U.S. Department of the Interior; Fish and Wildlife Service, Washington, D.C. 13 pp.

Middleton, B.A., ed. 2002. Flood Pulsing in Wetlands: Restoring the Natural Hydrological Balance. Wiley.

Mitsch, W.J. and Gosselink, J.G. 2015. Wetlands (5th Edition). Wiley.

Pagones, S. 2017. Projects aimed at marsh restoration draw concern from Lake Ponchartrain Basin Foundation. New Orleans Advocate (Oct. 13, 2017).

PMI. 2020. Complete Initial and Construction Application. NPDES Permit Number AR0053210. Sept. 21, 2020.

Shaffer, G.P. et al. 2009. Degradation of baldcypress–water tupelo swamp to marsh and open water in southeastern Louisiana, USA: an irreversible trajectory? Journal of Coastal Research 10054:152–165.

Souther, R.F., and Shaffer, G.P. 2000. The effects of submergence and light on two age classes of baldcypress (*Taxodium distichum* (L.) Richard) seedlings. Wetlands 20:697–706.

Turner, R.E. 2011. Beneath the salt marsh canopy: loss of soil strength with increasing nutrient loads. Estuaries and Coasts 34:1084–1093.

USEPA. 2022. Contaminants of Emerging Concern including Pharmaceuticals and Personal Care Products. <https://www.epa.gov/wqc/contaminants-emerging-concern-including-pharmaceuticals-and-personal-care-products>. Accessed 5-16-2022.

USEPA. 2004. Constructed Treatment Wetlands. United State Environmental Protection Agency. Office of Water. August 2004. <https://nepis.epa.gov/Exe/ZyPDF.cgi/30005UPS.PDF?Dockey=30005UPS.PDF> (Accessed May 16, 2022).

## Koon, Nancy

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**From:** Doris Reed <dorisareed1@outlook.com>  
**Sent:** Wednesday, May 18, 2022 11:07 PM  
**To:** Water Draft Permit Comment  
**Subject:** Draft Permit No. AR0053210

Hello AEE,

Concerning the Paradise Valley Sewage Plant: I would like assurance that this plant's effluent and treatment chemicals (and probable "disposed of" pharmaceuticals) sitting in the stagnant bayou will not affect our Maumelle Water Corporation aquifers/well system from which me and my family drink and bath. Besides the study that Maumelle Water Corp is requesting from you, would you also please request a study from USGS concerning this matter? I, and I believe all of us Maumelle Water Corp customers, would be so grateful.

Sincerely,

Doris Reed  
11610 Barrett Road  
Roland, AR 72135

Sent from [Mail](#) for Windows