

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Wednesday, November 18, 2015 2:00 PM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [Mj14\\_si@yahoo.com](mailto:Mj14_si@yahoo.com) [[mailto:Mj14\\_si@yahoo.com](mailto:Mj14_si@yahoo.com)]  
**Sent:** Wednesday, November 18, 2015 1:54 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MRS Maranda Alexandre

**E-MAIL:** [Mj14\\_si@yahoo.com](mailto:Mj14_si@yahoo.com)

**COMPANY:**

**ADDRESS:** 30812 SUNLIGHT DR  
BULVERDE TX 78163-2771

**PHONE:** 2103801476

**FAX:**

**COMMENTS:** This comment is to express my deep concern as a resident of Oak Village North, with the development of a proposed major sewerage treatment plant for the benefit of a high density development known as 4S Ranch located on the west side of Smithson Valley Road and north of Smithson Valley Road at FM 1863. It is my understanding a public hearing regarding the application amendment to seek changes of the treated wastewater from on-property irrigation the discharge into Lewis-Creek. In addition, the applicant seeks to

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increase the gallons per day of treated sewerage water discharge from 180,000 gpd to 480,000 gpd, draining into a tributary of Lewis Creek which will then drain into Lewis Creek. My understanding is that Oak Village North's subdivision water system is a GUI system: groundwater under the influence of surface water. With the combination of groundwater and surface water as OVN's source of domestic water; discharge of treated wastewater into Lewis Creek will apparently drain right into to OVN's water shed if I am understanding it correctly. Currently there are 3 water storage facilities that run along Lewis creek that appear will be affected by the discharge of sewage into Lewis Creek. Furthermore, the locations of these water storage facilities appear to be really close to the Edwards Aquifer recharge zone, it would be my guess the location was selected for its best source for water and now this would appear to be compromised with treated sewage. I am quite concerned with the effect that this will have on the quality of water that my family and I currently use. I am requesting a contested case hearing and would like to be added to the mailing list.

FREDERICK, PERALES, ALLMON & ROCKWELL, P.C.

ATTORNEYS AT LAW

707 Rio Grande, Suite 200  
Austin, Texas 78701

(512) 469-6000 (512) 482-9346 (facsimile)

Info@LF-LawFirm.com

REVIEWED H

MAY 02 2016

By hp

April 29, 2016

Bridge Bohac  
Chief Clerk  
Texas Commission on Environmental Quality  
MC 105  
P.O. Box 13087, Austin, Texas 78711-3087

MWD  
94933

Of Counsel:  
Rick Tower  
MAY - 2 AM 10:52  
CHIEF CLERKS OFFICE  
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**Re: Hearing Request Regarding Draft Permit No. WQ0015095001, Proposed for Issuance to 633-4S-Ranch, Ltd., and Stahl Lane, Ltd.**

Dear Ms Bohac:

On behalf of Bulverde Neighborhood Alliance (“BNA”), I am submitting this request for a contested case hearing with regard to the above-referenced Application. Several comments were previously submitted with regard to the application, and many of those comments were submitted by members of BNA. The Draft Permit issued by the Executive Director does not resolve of the concerns expressed in those comments. BNA may be contacted at the phone number and fax numbers identified above.

**I. BNA is an “Affected Person”**

BNA is an “affected person”, as that term is defined in the TCEQ regulations. The purposes of BNA include protection of the health and safety of the residents and landowners in the greater Bulverde area, including residents and property owners in the Oak Village North subdivision adjacent to the proposed wastewater treatment plant property. The organization’s purposes further include protection of the air, land, and water of the Bulverde area. To this end, the organization seeks to keep the land, water, and air of Bulverde free from the contamination of those resources, or waste of those resources. In order to implement these goals, BNA seeks to pursue these purposes through education, participation in administrative proceedings, and participation in litigation.

*Handwritten signature*

Additionally, BNA has members that would have standing as “affected persons” in their own right.

Dennis McInerney is a member of BNA. He owns property designated as Property No. 38 in the Application, at address 31458 Sunlight Drive, Bulverde, Texas. Mr. McInerney resides on this property, and utilizes a groundwater well on the property for domestic purposes, including drinking water. Mr. McInerney and his family enjoy spending time outdoors on this property, and engaging in recreational activities on this property, including raising horses and the use of an in ground pool. Odors from the plant will interfere with his outdoor use of the property. Further, the potential contamination of the groundwater as a result of the discharge, and as a result of the siting of the wastewater treatment plant, has the potential to contaminate his groundwater and interfere with his ability to use that groundwater for drinking purposes, and other domestic purposes. Mr. McInerney’s property has flooded in the past, including flooding of his in ground pool, and flooding up to the foundation of his home. Such flooding means that the authorized discharge will result in the contamination of his property, and potential contamination of his in ground pool. Contaminated flooding would have an adverse effect on the McInerney property. William and Joy Coe are also members of BNA. William and The Coe family owns property including 150 yards adjacent to Lewis Creek shortly more than one mile downstream of the discharge point, and about 2,000 feet south of the proposed site of the wastewater treatment plant. This property is at address 31434 Sunlight Drive, Bulverde, Texas. William and Joy Coe reside on this property with their two year old great-granddaughter and sister in law, and numerous grandchildren often visit. Will and Joy Coe have an in ground pool on the property, which could be contaminated if flooding occurs. William and Joy Coe enjoy spending time outdoors on this property, and they also enjoy engaging in recreational activities on this property. Odors from the plant will interfere with their outdoor use of the property. The discharge of nutrients and other contaminants into Lewis Creek as authorized by the draft permit will potentially lead to algal blooms in Lewis Creek that will impair their ability to enjoy the Creek. Additionally, especially during flood events, the contaminants authorized for discharge will be deposited on their property, thereby potentially impacting their ability to use the property for outdoor activities, including swimming in their pool or allowing grandchildren to safely play in the yard.

Additionally, Tom and Jeri Blacklock are members of BNA. They own property located at 31404 Sunlight Drive. This property is adjacent to Lewis Creek shortly more than 1 mile downstream of the discharge point, and this property is located about 2,000 feet south of the proposed site of the wastewater treatment plant. Tom and Jeri

Blacklock reside on this property. Tom and Jeri Blacklock enjoy spending time outdoors on this property, and they also enjoy engaging in recreational activities on this property. Odors from the plant will interfere with their outdoor use of the property. The discharge of nutrients and other contaminants into Lewis Creek as authorized by the draft permit will potentially lead to algal blooms in Lewis Creek that will impair their ability to enjoy the Creek. Furthermore, particularly during flood events, which have happened multiple times in the past, the contaminants authorized for discharge will be deposited on their property, thereby potentially impacting their ability to use the property for outdoor activities. The Blacklocks have previously experienced flooding of their greenhouse, kennel, and barn, and with the authorized discharge, any flooding event may create a hazardous area of their entire backyard, and put an extreme burden on them to ensure their home and backyard are safe.

Keith Markey, a member of BNA, owns property designated as Property No. 7 in the Application at address 5685 Arroyo Luis Dr. Bulverde, Texas. He is designated on the Neighbor Well List of the Application as number 20. He resides on the property with his wife, Donna, and they enjoy the natural area. The property is directly adjacent to the discharge point. Given this proximity, the odors and authorized contaminants, especially in the event of flooding, would significantly affect the safety and health of the Markeys and their ability to enjoy the natural surroundings on their property.

Patricia Haney, another member of BNA, is a trustee of the property under a Two Swans Trust at 5160 FM 1863 Bulverde, TX, and Lewis Creek runs through 10 acres of the property. The Haney's have two water wells on the banks of Lewis Creek, which they use for drinking water. This property is downstream from the proposed water treatment plant and may include a critical wildlife habitat as well as access points to subsurface caves. The area has flooded in 2015, and flooded a shed that held up to \$100,000 in tools for maintaining the property; the water wells were also flooded. Flooding that could carry the authorized contaminants would be detrimental to the health and safety of the Haney's and the wildlife on their property.

## **II. BNA Seeks a Hearing on Several Issues Raised During the Comment Period**

In light of several remaining deficiencies, the Application should be denied. The Executive Director's Response to Comments did not resolve the concerns of BNA related to these issues. Accordingly, BNA seeks a contested case hearing on the disputed issues identified in this section.

### **A. The Draft Permit Has Not Been Shown To Be Adequately Protective of Groundwater**

BNA seeks a contested case hearing with regard to whether the draft permit is sufficiently protective of groundwater.<sup>1</sup> According to the Executive Director, the proposed discharge is shortly upstream of the recharge zone of the Edwards Aquifer, and it is possible that the discharge location is in an area properly considered to recharge the Edwards Aquifer. Many karst features and recharge features exist that will allow for the flow of contaminated water directly into the groundwater. This poses a concern not only with regard to the treated wastewater discharged from the plant, but also with regard to the untreated or partially treated wastewater stored within the wastewater treatment plant units. Furthermore, the facility and the proposed discharge have the potential to adversely impact the Trinity Aquifer in addition to the Edwards Aquifer. These impacts are particularly troubling given the reliance of nearby communities upon groundwater wells as their source of water for drinking water purposes, and other domestic purposes.

### **B. The Draft Permit Has Not Been Shown to be Adequately Protective of Surface Water**

BNA also seeks a hearing with regard to whether the draft permit is adequately protective of surface water.<sup>2</sup> The draft permit will result in the discharge of contaminants including, without limitation, bacteria, nutrients, and oxygen-demanding constituents. The immediate receiving water is particularly sensitive to eutrophication as a result of the added nutrients, and Upper Cibolo Creek is impaired for bacteria and chlorides. Among other concerns, it has not been demonstrated that the immediate receiving waters will not be impaired for nutrients and dissolved oxygen as a result of the discharge. Furthermore,

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<sup>1</sup> Without limitation, this concern is related to issues identified as Comments 12, 13, 14, 15 and 16 with the Executive Director's Response to Comments.

<sup>2</sup> Without limitation, this concern is related to issues identified as Comments 5, 8, 12, 20, 21, 22, 32, 37, 39, 40, 43, 46, 47, and 55 within the Executive Director's Response to Comments.

it has not been demonstrated that the discharge will not contribute to the impairment of Upper Cibolo Creek for bacteria. This is particularly of concern given other existing discharges in the area, which should have been considered in a proper Tier 2 anti-degradation analysis. Thus, the application has not been shown to comply with the requirements of the TCEQ rules including, without limitation, Sections 307.4, 307.5 and 307.6.

**C. The Draft Permit Has Not Been Shown to Ensure Compliance With the Location Restrictions Set Forth in Subchapter B of Chapter 309 of the TCEQ Rules.**

BNA further seeks a hearing with regard to whether the draft permit ensures compliance with the requirements of the Location Standards set forth in the TCEQ regulations.<sup>3</sup> The location of the plant fails to minimize the possible contamination of surface water and groundwater. Also, it has not been shown that the wastewater treatment plant is sufficiently outside the floodplain and protected from flooding. Furthermore, it has not been sufficiently demonstrated that none of the treatment plant units are not located within a wetland. Additionally, the plant is located over the recharge area of a major aquifer without the necessary showing of a sufficient containment structure design. Moreover, the plant has not been shown to be adequately protective with regard to the production and spread of nuisance odors.

**D. The Design of the Wastewater Treatment Plant Has Not Been Shown to be Sufficient.**

BNA seeks a hearing with regard to whether the design of the facility meets all applicable requirements.<sup>4</sup> Particularly in light of the sensitive nature of the area where the facility will be located, sufficient measures have not been included to prevent and address the potential for the release of untreated wastewater, or partially treated wastewater. Furthermore, the conditions of the permit do not ensure use of the proper technology in light of the technology available, the quality of the receiving waters, and the sensitivity of the area.

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<sup>3</sup> Without limitation, this concern is related to issues identified as Comment 6, 14, 26, 28, 52, 54 & 60 in the Executive Director's Response to Comments.

<sup>4</sup> Without limitation, this concern is related to issues identified as Comments 19, 27, 29, 30, 35, 36, 45 and 46 in the Executive Director's Response to Comments.

**E. The Permit Has Not Been Shown to be Adequately Protective of Human Health and Safety.**

BNA seeks a hearing with regard to whether the draft permit is adequately protective of human health and safety.<sup>5</sup> The proposed discharge will result in the release of contaminants in an area where they will quickly move into groundwater relied upon as a source of drinking water by many people in the area. Furthermore, given the flooding conditions in the area, it is likely that contaminants in the wastewater will be deposited onto area properties when the receiving waters rise under flood conditions.

**F. The Draft Permit Has Not Been Shown to be Adequately Protective of the Use and Enjoyment of Property.**

BNA seeks a hearing with regard to whether the draft permit is adequately protective of the use and enjoyment of property.<sup>6</sup> As noted, the draft permit will authorize the discharge of contaminants that will flow onto the property of others, and that will be deposited on the property of others particularly as a result of storm and flooding events.

**G. A Sufficient Need for the Facility has not been Demonstrated.**

BNA further seeks a hearing with regard to whether a sufficient need has been demonstrated for the facility.<sup>7</sup> The Applicant has an existing land application permit that sufficiently provides wastewater service to the service area of the proposed treatment plant, and the availability of alternate service options has not been adequately addressed.

**H. The Draft Permit Has Not Been Shown to Include Sufficient Monitoring Requirements.**

BNA seeks a hearing with regard to whether the monitoring requirements of the draft permit are sufficient.<sup>8</sup> The surface water and groundwater in the area of the facility are particularly sensitive to contamination, and, as noted, a number of people rely on

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<sup>5</sup> Without limitation, this concern is related to issues identified as Comments 9, 24 and 46 in the Executive Director's Response to Comments.

<sup>6</sup> Without limitation, this concern is related to issues identified as Comments 3 and 11 in the Executive Director's Response to Comments.

<sup>7</sup> Without limitation, this concern is related to issues identified as Comments 23 and 61 in the Executive Director's Response to Comments. BNA will further note that in comments submitted October 24, 2015, Chris Brodeur commented regarding "other discharge alternatives" to the proposed discharge.

<sup>8</sup> Without limitation, this concern is related to issues identified as Comments 15, 33, 41, 42, 44 and 53 in the Executive Director's Response to Comments.

groundwater in the area as a source of drinking water. Under these circumstances, it is imperative that any problem be detected and addressed in a timely manner to minimize the risks to human health and the environment. The monitoring required by the draft permit does not accomplish this, and has not been shown to meet the requirements of the TCEQ rules.

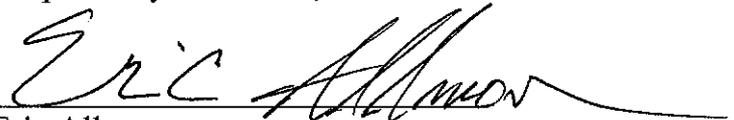
**I. The Applicant's Compliance History has not been Demonstrated to be Sufficient.**

BNA seeks a hearing with regard to whether the application should be denied in consideration of the applicant's compliance history.<sup>9</sup> It has not been shown that 633-4S-Ranch, Ltd. and Stahl Lane, Ltd. ("4S-Ranch"), and the principles of these entities, possess the requisite qualifications to justify approval of the Application and issuance of the Draft Permit.

**III. Conclusion**

For these reasons, BNA seeks a contested case hearing with regard to the Application by 633-4S-Ranch, Ltd., and Stahl Lane, Ltd. for TPDES Permit No. WQ0015095001 with regard to the issues identified within this request.

Respectfully submitted,

  
Eric Allmon

FREDERICK, PERALES, ALLMON & ROCKWELL,  
P.C.

707 Rio Grande, Ste. 200

Austin, Texas 78701

Ph: (512) 469-6000

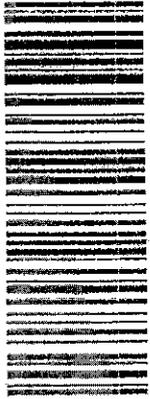
Fax: (512) 482-9346

COUNSEL FOR BULVERDE  
NEIGHBORHOOD ALLIANCE

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<sup>9</sup> Without limitation, this concern is related to Issue 82 as identified in the Executive Director's Response to Comments.

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ATTORNEYS AT LAW  
FREDERICK, PERALES, ALLMON &  
ROCKWELL, P.C.

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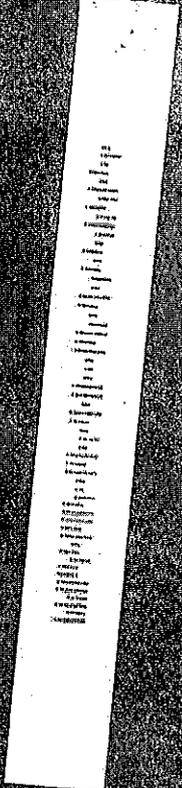
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**FREDERICK, PERALES, ALLMON &  
ROCKWELL, P.C.**

Attorneys at Law  
707 Rio Grande, Suite 200  
AUSTIN, TX 78701  
(512) 469-6000 / 482-9346 (fax)

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Ms. Bridget Bohac  
Texas Commission on Environmental Quality  
Office of the Chief Clerk, MC 105  
PO Box 13087  
Austin, TX 78711-3087



**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Monday, May 02, 2016 8:46 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001  
**Attachments:** 2016.04.29 BNA Hearing Req.pdf

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94933

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**From:** drew@lf-lawfirm.com [mailto:drew@lf-lawfirm.com]  
**Sent:** Friday, April 29, 2016 3:35 PM  
**To:** DoNot Reply <donotreply@tceq.texas.gov>  
**Subject:** Public comment on Permit Number WQ0015095001

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Eric Allmon

**E-MAIL:** [drew@lf-lawfirm.com](mailto:drew@lf-lawfirm.com)

**COMPANY:** Frederick, Perales, Allmon, & Rockwell PC

**ADDRESS:** 707 RIO GRANDE ST 200  
AUSTIN TX 78701-2719

**PHONE:** 5124696000

**FAX:**

**COMMENTS:** Please see the attached Hearing Request from the Bulverde Neighborhood Alliance.

MWD

FREDERICK, PERALES, ALLMON & ROCKWELL, P.C.

ATTORNEYS AT LAW

707 Rio Grande, Suite 200

Austin, Texas 78701

(512) 469-6000 (512) 482-9346 (facsimile)

Info@LF-LawFirm.com

Of Counsel:

Rick Lowerre

April 29, 2016

Bridge Bohac  
Chief Clerk  
Texas Commission on Environmental Quality  
MC 105  
P.O. Box 13087, Austin, Texas 78711-3087

**Re: Hearing Request Regarding Draft Permit No. WQ0015095001, Proposed for Issuance to 633-4S-Ranch, Ltd., and Stahl Lane, Ltd.**

Dear Ms Bohac:

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Additionally, BNA has members that would have standing as “affected persons” in their own right.

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## **II. BNA Seeks a Hearing on Several Issues Raised During the Comment Period**

In light of several remaining deficiencies, the Application should be denied. The Executive Director's Response to Comments did not resolve the concerns of BNA related to these issues. Accordingly, BNA seeks a contested case hearing on the disputed issues identified in this section.

### **A. The Draft Permit Has Not Been Shown To Be Adequately Protective of Groundwater**

BNA seeks a contested case hearing with regard to whether the draft permit is sufficiently protective of groundwater.<sup>1</sup> According to the Executive Director, the proposed discharge is shortly upstream of the recharge zone of the Edwards Aquifer, and it is possible that the discharge location is in an area properly considered to recharge the Edwards Aquifer. Many karst features and recharge features exist that will allow for the flow of contaminated water directly into the groundwater. This poses a concern not only with regard to the treated wastewater discharged from the plant, but also with regard to the untreated or partially treated wastewater stored within the wastewater treatment plant units. Furthermore, the facility and the proposed discharge have the potential to adversely impact the Trinity Aquifer in addition to the Edwards Aquifer. These impacts are particularly troubling given the reliance of nearby communities upon groundwater wells as their source of water for drinking water purposes, and other domestic purposes.

### **B. The Draft Permit Has Not Been Shown to be Adequately Protective of Surface Water**

BNA also seeks a hearing with regard to whether the draft permit is adequately protective of surface water.<sup>2</sup> The draft permit will result in the discharge of contaminants including, without limitation, bacteria, nutrients, and oxygen-demanding constituents. The immediate receiving water is particularly sensitive to eutrophication as a result of the added nutrients, and Upper Cibolo Creek is impaired for bacteria and chlorides. Among other concerns, it has not been demonstrated that the immediate receiving waters will not be impaired for nutrients and dissolved oxygen as a result of the discharge. Furthermore,

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it has not been demonstrated that the discharge will not contribute to the impairment of Upper Cibolo Creek for bacteria. This is particularly of concern given other existing discharges in the area, which should have been considered in a proper Tier 2 anti-degradation analysis. Thus, the application has not been shown to comply with the requirements of the TCEQ rules including, without limitation, Sections 307.4, 307.5 and 307.6.

**C. The Draft Permit Has Not Been Shown to Ensure Compliance With the Location Restrictions Set Forth in Subchapter B of Chapter 309 of the TCEQ Rules.**

BNA further seeks a hearing with regard to whether the draft permit ensures compliance with the requirements of the Location Standards set forth in the TCEQ regulations.<sup>3</sup> The location of the plant fails to minimize the possible contamination of surface water and groundwater. Also, it has not been shown that the wastewater treatment plant is sufficiently outside the floodplain and protected from flooding. Furthermore, it has not been sufficiently demonstrated that none of the treatment plant units are not located within a wetland. Additionally, the plant is located over the recharge area of a major aquifer without the necessary showing of a sufficient containment structure design. Moreover, the plant has not been shown to be adequately protective with regard to the production and spread of nuisance odors.

**D. The Design of the Wastewater Treatment Plant Has Not Been Shown to be Sufficient.**

BNA seeks a hearing with regard to whether the design of the facility meets all applicable requirements.<sup>4</sup> Particularly in light of the sensitive nature of the area where the facility will be located, sufficient measures have not been included to prevent and address the potential for the release of untreated wastewater, or partially treated wastewater. Furthermore, the conditions of the permit do not ensure use of the proper technology in light of the technology available, the quality of the receiving waters, and the sensitivity of the area.

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**E. The Permit Has Not Been Shown to be Adequately Protective of Human Health and Safety.**

BNA seeks a hearing with regard to whether the draft permit is adequately protective of human health and safety.<sup>5</sup> The proposed discharge will result in the release of contaminants in an area where they will quickly move into groundwater relied upon as a source of drinking water by many people in the area. Furthermore, given the flooding conditions in the area, it is likely that contaminants in the wastewater will be deposited onto area properties when the receiving waters rise under flood conditions.

**F. The Draft Permit Has Not Been Shown to be Adequately Protective of the Use and Enjoyment of Property.**

BNA seeks a hearing with regard to whether the draft permit is adequately protective of the use and enjoyment of property.<sup>6</sup> As noted, the draft permit will authorize the discharge of contaminants that will flow onto the property of others, and that will be deposited on the property of others particularly as a result of storm and flooding events.

**G. A Sufficient Need for the Facility has not been Demonstrated.**

BNA further seeks a hearing with regard to whether a sufficient need has been demonstrated for the facility.<sup>7</sup> The Applicant has an existing land application permit that sufficiently provides wastewater service to the service area of the proposed treatment plant, and the availability of alternate service options has not been adequately addressed.

**H. The Draft Permit Has Not Been Shown to Include Sufficient Monitoring Requirements.**

BNA seeks a hearing with regard to whether the monitoring requirements of the draft permit are sufficient.<sup>8</sup> The surface water and groundwater in the area of the facility are particularly sensitive to contamination, and, as noted, a number of people rely on

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<sup>5</sup> Without limitation, this concern is related to issues identified as Comments 9, 24 and 46 in the Executive Director's Response to Comments.

<sup>6</sup> Without limitation, this concern is related to issues identified as Comments 3 and 11 in the Executive Director's Response to Comments.

<sup>7</sup> Without limitation, this concern is related to issues identified as Comments 23 and 61 in the Executive Director's Response to Comments. BNA will further note that in comments submitted October 24, 2015, Chris Brodeur commented regarding "other discharge alternatives" to the proposed discharge.

<sup>8</sup> Without limitation, this concern is related to issues identified as Comments 15, 33, 41, 42, 44 and 53 in the Executive Director's Response to Comments.

groundwater in the area as a source of drinking water. Under these circumstances, it is imperative that any problem be detected and addressed in a timely manner to minimize the risks to human health and the environment. The monitoring required by the draft permit does not accomplish this, and has not been shown to meet the requirements of the TCEQ rules.

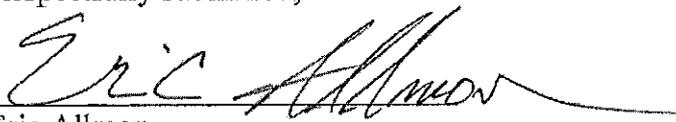
**I. The Applicant's Compliance History has not been Demonstrated to be Sufficient.**

BNA seeks a hearing with regard to whether the application should be denied in consideration of the applicant's compliance history.<sup>9</sup> It has not been shown that 633-4S-Ranch, Ltd. and Stahl Lane, Ltd. ("4S-Ranch"), and the principles of these entities, possess the requisite qualifications to justify approval of the Application and issuance of the Draft Permit.

**III. Conclusion**

For these reasons, BNA seeks a contested case hearing with regard to the Application by 633-4S-Ranch, Ltd., and Stahl Lane, Ltd. for TPDES Permit No. WQ0015095001 with regard to the issues identified within this request.

Respectfully submitted,

  
Eric Allmon

FREDERICK, PERALES, ALLMON & ROCKWELL,  
P.C.  
707 Rio Grande, Ste. 200  
Austin, Texas 78701  
Ph: (512) 469-6000  
Fax: (512) 482-9346  
COUNSEL FOR BULVERDE  
NEIGHBORHOOD ALLIANCE

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<sup>9</sup> Without limitation, this concern is related to Issue 82 as identified in the Executive Director's Response to Comments.

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, November 19, 2015 8:40 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [LeslieBrothers@twc.com](mailto:LeslieBrothers@twc.com) [<mailto:LeslieBrothers@twc.com>]  
**Sent:** Wednesday, November 18, 2015 8:13 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Leslie Brothers & Kenneth Brothers

**E-MAIL:** [LeslieBrothers@twc.com](mailto:LeslieBrothers@twc.com)

**COMPANY:**

**ADDRESS:** 30803 SUNLIGHT DR  
BULVERDE TX 78163-2772

**PHONE:** 2103259214

**FAX:**

**COMMENTS:** We are concerned about the quality and safety of our drinking water if the amended application for 4S Ranch is approved. We are worried about the long-term health effects of having a constant flow of wastewater saturating our well recharge zones. We are concerned about potential failure of the wastewater plant and retention system during a flooding event, which could possibly result in exposure to untreated or under-treated sewerage. We are worried about how a constant flow of effluent on your property will affect our

*MWD*

property values. We are worried that the creation of a boggy area along Lewis Creek will attract pest or dangerous wild life into the area or on our property, such as wild hogs, vermin, mosquitoes, etc. We want to know who would have the responsibility of clean up should the wastewater plant fail or malfunction due to human error or a flooding event. The original application for 4S Ranch was approved because it was intended to be self-contained and managed exclusively on the 4S Ranch property. The developers are NOT new at building subdivisions and they should be required to adhere to the original plan, because the requested amendment could have tremendous adverse effects on the existing residents in Oak Village North, including ourselves, who were residents long before the 4S Ranch developers began their new subdivision. Please deny the application for amendment and protect the rights and health of the existing residents of OVN. We are hereby requesting a contested case hearing, and we would like to be added to the mailing list and kept up to date on any and all action taken in regard to this application/permit. Thank you, Kenneth and Leslie Brothers

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Wednesday, April 20, 2016 1:51 PM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** erin@erincantu.com [mailto:erin@erincantu.com]  
**Sent:** Wednesday, April 20, 2016 1:14 PM  
**To:** DoNot Reply <donotreply@tceq.texas.gov>  
**Subject:** Public comment on Permit Number WQ0015095001

MWD  
94933

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MRS Erin Cantu

**E-MAIL:** [erin@erincantu.com](mailto:erin@erincantu.com)

**COMPANY:** WASTE

**ADDRESS:** 2595 CASEY RD  
BULVERDE TX 78163-1842

**PHONE:** 8304383498

**FAX:**

**COMMENTS:** I am requesting a contested case hearing.

MWD

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Friday, September 04, 2015 2:58 PM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

PM  
H

*MWD  
94933*

**From:** erin@erincantu.com [mailto:erin@erincantu.com]  
**Sent:** Friday, September 04, 2015 2:50 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MRS Erin Cantu

**E-MAIL:** [erin@erincantu.com](mailto:erin@erincantu.com)

**COMPANY:**

**ADDRESS:** 2595 CASEY RD  
BULVERDE TX 78163-1842

**PHONE:** 8304383498

**FAX:**

**COMMENTS:** I am requesting a PUBLIC MEETING, A CONTESTED CASE HEARING, and to be added to the MAILING LIST for this permit. I know that the issuing of this permit will negatively impact homes along Lewis Creek by increasing the floodplain. Many citizens I have spoken with in this area, especially those people who live nearby the low water point just north of Keswick Road and to the east of Smithson Valley Road,

*Erin*

already have flooding issues when it rains for 3 days or more. The developer will be knowingly negatively impacting the property and safety of its neighbors by discharging this wastewater. The developer is aware that the construction of this subdivision will increase the floodplain and therefore gave a mere \$500,000 to the City of Bulverde to mitigate flooding issues. The City of Bulverde has only committed to using this funding to conduct more floodplain studies. Many citizens have sent e-mails to Mr. Nowak and other city of Bulverde officials in regard to these concerns but no one that I am aware of has viewed the properties in danger of flooding since Sarah Stevick was Mayor in 2007. The City of Bulverde has continued to support the developer at the expense of citizens by accepting this money and not enforcing its floodplain regulations. In the meantime, if the developer receives this permit and the creek bed drainage is not improved before the wastewater discharge begins, it will back up in some areas of Lewis Creek and could possibly cause flooding to homes even when there is a small storm event. I am also requesting that a TCEQ engineer go to the properties located west of Smithson Valley Road and just south of the proposed wastewater treatment facility before allowing a permit to be issued and also where the creek crosses Smithson Valley Road south of Antler Pass and North of Keswick Drive. I am also requesting that the TCEQ engineer evaluate the homes near the floodplain along Circle Oak Drive west and north. Furthermore, there are also public wells owned by Canyon Lake Water Supply which is the company that has the CCN for our entire area of Bulverde. These wells have the potential to be contaminated which would affect the entire population of citizens who do not have a private well. There are also private wells along the discharge route and relatively close to the proposed wastewater facility and raw sewage pump station that may become contaminated by the daily discharge of wastewater or the malfunctioning of this system. If the TCEQ is an organization that is supposed to protect the health and safety of people, then the TCEQ must physically investigate our area before issuing this permit. You can view my videos of Mrs. Coe's backyard where there is an incredibly large pond of water (10 ft. deep when full and at least 15 ft wide) which sits behind her property every time it rains at my Facebook page entitled WASTE – Water and Sewage Treatment Effect. I could not attach the video to this document.

TCEQ Public Meeting Form

#18

WQ0015095001

11/19/2015

PLEASE PRINT

Name: Erin Cantu

Mailing Address: 2595 Casey Rd Bulverde TX 78163

Physical Address (if different): \_\_\_\_\_

City/State: Bulverde TX Zip: 78163

\*\*This information is subject to public disclosure under the Texas Public Information Act\*\*

Email: erin@erincantu.com ✓

Phone Number: 830-438-3498

• Are you here today representing a municipality, legislator, agency, or group?  Yes  No

If yes, which one? Bulverde Area Concerned Citizens

Please add me to the mailing list. ✓

I wish to provide formal *ORAL COMMENTS* at tonight's public meeting. ✓

I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting. ✓

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

mc

- Please inform the EPC of the large cavern on 45 Ranch and please explain how karst features will be protected from stormwater runoff.
- Please prevent the pre-development stormwater run-off from exacerbating the floodplain.
- Please ensure that the silt screens from ~~the~~ <sup>EPC</sup> established are ~~not~~ <sup>adequate</sup> to prevent contamination of public & private wells by physically checking them.
- Please recheck, by physical investigation, the ponds which form in Lewis Creek and its tributaries, esp. between ~~Lewis~~ <sup>EPC</sup> ~~Smithson~~ Valley Rd & Sunlight Dr. near the low water crossing because ~~pooling of water~~ <sup>pooling</sup> and alongside ~~Smithson~~ <sup>Smithson</sup> Valley Rd in City of Bulverde limits ~~and~~ <sup>and</sup> in the development area because the developer may not have accounted for all of them. They are visible on Google Earth 2009 Maps.
- Who will ensure that houses in the floodplain are not flooded out by wastewater during the development process when stormwater is allowed to flow off of ~~property~~ <sup>development</sup> property?

**RECEIVED**  
NOV 19 2015

- Has ~~there~~ <sup>AT PUBLIC MEETING</sup> there been any study on the cumulative wastewater discharge from all of the new developments discharging into Lewis Creek?

-> Can ~~the~~ <sup>developers</sup> ~~get~~ <sup>get</sup> a beneficial reuse permit if ~~the~~ <sup>wastewater</sup> ~~developers~~ <sup>the</sup> ~~already~~ <sup>firm</sup> have a TLAP permit?

- Who ~~was~~ <sup>is</sup> the engineering ~~that~~ <sup>firm</sup> ~~is~~ <sup>is</sup> ~~responsible~~ <sup>responsible</sup> for this permit application and how many other development properties ~~in~~ <sup>in</sup> the area have also been completed by this engineering firm? <sup>EPC Lewis Creek Watershed applications</sup>

- Please view the updated Floodplain Maps from 2014 and require the developer to use them. These maps are located on [www.bulverdetx.gov](http://www.bulverdetx.gov)

NW

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, November 12, 2015 11:02 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

*MWD  
94933*

**From:** [BulverdeFeed@yahoo.com](mailto:BulverdeFeed@yahoo.com) [<mailto:BulverdeFeed@yahoo.com>]  
**Sent:** Thursday, November 12, 2015 8:30 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Carl F Chapman

**E-MAIL:** [BulverdeFeed@yahoo.com](mailto:BulverdeFeed@yahoo.com)

**COMPANY:**

**ADDRESS:** 30809 SUNLIGHT DR  
BULVERDE TX 78163-2772

**PHONE:** 8309803148

**FAX:**

**COMMENTS:** As we approach the November 19th public hearing date set by TCEQ regarding the major amendment to a wastewater application permit for the 4S Ranch, USGS data provided by the Trinity Glenrose GCD clearly defines the Cibolo Creek as a full recharge feature for the Edwards Aquifer, as well as for the Trinity Aquifer. Lewis Creek is considered a contributor to both aquifers with any runoff/drainage traveling its length to the Cibolo Creek. <http://pubs.usgs.gov/sir/2007/5202/> Many property owners in the vicinity of the

*MW*

proposed 4S Ranch wastewater treatment plant and its DISCHARGE/DRAINAGE Course have private wells from which water is drawn from the aquifer below or near the LEWIS/Dripping Springs and Cibolo Creeks. 4S Ranch discharge will affect private as well as the public wells which distribute water to +/-1914 residents in Oak Village North: DIRECTLY AFFECTED by the 4S proposed wastewater plant. A preponderance of private wastewater treatments plants are in process of construction for several subdivisions in our area: a. Johnson Ranch located along FM 1863, wrapping the Double J Ranch to the west and north to Highway 281, and bounded by Stahl Lane on the east. This subdivision will generate +/- 450,000 gpd of treated effluent at build out discharged to the Cibolo Creek down Stahl Lane. The October 30, 2015 storm damaged the Johnson Ranch subdivision weir located at Stahl Lane, and dislodged a sewer pipe from the lift station located immediately adjacent to the weir. Subsequent to the storm event, TCEQ received an "unauthorized discharge" report from GBRA, the entity managing the wastewater treatment plant system for Johnson Ranch. This system was approved by TCEQ: it is inadequate. How was this approved? b. the Wiley tract, adjoining the Bulverde Area Humane Society will discharge +/-300,000 gpd at build out directly into the Cibolo Creek. Additionally, I have heard there is another 400+ acres just south of the City Limits line slated for high density development. c. the 4S Ranch is located approximately 1.2 miles north of FM 1863 on Smithson Valley Road, to Stahl Lane. The amendment seeks a discharge permit of 480,000 gpd at build out into a Lewis Creek tributary, Lewis Creek, then into the Cibolo Creek. IS THE CURRENT and FUTURE HEALTH, SAFETY and WELFARE of so many people you also represent who will be impacted by the 4S Ranch sewer plant/and its discharge of no consideration to TCEQ? Each of these type plants has a history of failure. I request a contested hearing and to be included in the mailing list.

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Monday, November 02, 2015 8:25 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [ChapmanY@ci.bulverde.tx.us](mailto:ChapmanY@ci.bulverde.tx.us) [<mailto:ChapmanY@ci.bulverde.tx.us>]  
**Sent:** Sunday, November 01, 2015 3:20 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

MWD  
94933

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Yvonne L. Chapman

**E-MAIL:** [ChapmanY@ci.bulverde.tx.us](mailto:ChapmanY@ci.bulverde.tx.us)

**COMPANY:**

**ADDRESS:** 30809 SUNLIGHT DR  
BULVERDE TX 78163-2772

**PHONE:** 2102403148

**FAX:**

**COMMENTS:** This sewer treatment plant amendment seeks to change the disposal of the treated wastewater from on-property irrigation to discharge into the Lewis/Cibolo Creeks. The applicant seeks to increase the gallons per day of treated sewerage water discharge from 180,000 gpd to 480,000 gpd, draining into a tributary of Lewis Creek, to Lewis Creek, then Cibolo Creek. TCEQ has labeled Oak Village North's subdivision water system as a GUI system: groundwater under the influence of surface water. Neighbors in Oak Village North in

MWD

the vicinity of the SWWC wells supplying their water presented water quality concerns during the April & May of this year, the period of heavy rains. These residents protested the caliche in their drinking water during the heavy spring rains. The caliche in the drinking water seemingly was a result of the Singing Hills site draining runoff into the Lewis Creek after being denuded of tree cover/vegetation in advance of roads being built on that development. The water draining into Lewis Creek from the Singing Hills site is cloudy/milky white/gritty. As a GUI system, that caliche must indeed have made its way into many OVN residents drinking water. Lewis Creek is also in the Edwards Aquifer Authority Recharge Contributing Zone, with many caves collecting water to fill the aquifer. It appears most of the wells SWWC owns in Oak Village North supplying OVN residents water are in the Lewis Creek water shed/the EAA Recharge Zone. What is SWWC/Monarch Utility Company's contingency plan to ensure its wells supplying drinking water to Oak Village North/Rim Rock Ranch will not deliver treated sewer water from the 4S Ranch into our homes on a daily basis or worse: deliver incompletely treated sewerage if the 4S Ranch sewer system fails or is compromised during rain events, as occurred to many sewer treatment plants in Austin? Who is responsible for the cleanup in these cases? 480,000 gpd = 175,200,000 gallons/year. This will change the dry creek into a running creek of what depth, reducing the water flow out of the neighborhood during rain, INCREASING flooding. I request a contested hearing, please.

TCEQ Public Meeting Form  
November 19, 2015

#5

**633-4S Ranch, LTD. and Stahl Lane, Ltd.**  
**TPDES Permit for Municipal Wastewater**  
**TPDES Permit No. WQ0015095001**

PLEASE PRINT

Name: Yvonne Chapman

Mailing Address: 30809 Sunlight Dr.

Physical Address (if different): \_\_\_\_\_

City/State: Bullverde AZ Zip: 78103

**\*\*This information is subject to public disclosure under the Texas Public Information Act\*\***

Email: Yvonne L Chapman@nglco.com

Phone Number: 210-244-3148

• Are you here today representing a municipality, legislator, agency, or group?  Yes  No

If yes, which one? \_\_\_\_\_

Please add me to the mailing list. ✓

I wish to provide formal *ORAL COMMENTS* at tonight's public meeting. ✓

I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

242

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Monday, November 16, 2015 8:33 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [wmcoe@wesco.com](mailto:wmcoe@wesco.com) [mailto:[wmcoe@wesco.com](mailto:wmcoe@wesco.com)]  
**Sent:** Monday, November 16, 2015 7:14 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MR William C. Coe

**E-MAIL:** [wmcoe@wesco.com](mailto:wmcoe@wesco.com)

**COMPANY:**

**ADDRESS:** 31434 SUNLIGHT DR  
BULVERDE TX 78163-2786

**PHONE:** 4123704854

**FAX:**

**COMMENTS:** I am a property owner within Oak Village North, at 31434 Sunlight Drive, Bulverde, TX 78163 and my property line includes a portion of the existing Lewis Creek "dry creek bed". I have been fighting an issue of periodic flooding and standing water / drainage problems along what remains of the creek bed for several years. I have discovered that many stretches of the old creek bed have been filled in over the years and the construction of a portion of Smithson Valley Road serving as a low water crossing also acts as a dam once

*Mc*

the water level subsides somewhat. Every time it rains a few inches, the creek swells up resembling a torrential swiftly flowing river that overflows its banks where the water can reach over fifteen to twenty feet deep at the crest of the flood and can extend all the way across the open fields paralleling SV Road to the East. (I will provide pictures upon request). The creek has altered its natural flow as it approaches the SV low water crossing because of attempts to fill in the creek bed and rubbish / debris piles that continue to grow. Once the water can no longer flow over the SV Road, it backs up and is trapped in what remains of a small portion of the existing creek bed that parallel the housing area along Sunlight Drive. This body of water, often several feet deep, remains a stagnate cesspool of mosquito infested brackish water, often with floating decomposing deer carcasses creating a health hazard for the entire community. Despite contacting both Bulverde and the Comal County of the matter, both indicate that the issue is on private property and they can be of no assistance in resolving the issues. This situation remains until the water evaporates or is absorbed over several weeks/months. We have often had to suspend outdoor activity for extended periods of time impacting my Grand Daughter, who lives with us and cannot play outdoors despite my repeated fogging of the area. Now I understand that 4S Ranch Sewage plant plans to discharge hundreds of thousands of gallons per day of treated sewage waste into what remains of this so called creek. This additional run off, will further exacerbate the existing health hazard within our community and may create a permanent cesspool situation which will permanently affect the use and enjoyment of my property and the property values within this area. There is also a continual erosion of my property along the land that parallels the creek bed. The danger of flooding my home; comes directly from the creek bed, and the large amounts of water that flow between the houses / property on Sunlight Drive entering my property from the street. Apparently there are several areas when the creek bed is nonexistent where the water will be diverted to the lowest area. I have and will continue to request a contested case hearing and would like to be added to a mailing list. As a military retiree and senior citizen, I relocated to this area seeking the tranquil and serene country living. We desperately need your assistance in preventing the adding of additional sources of ground water and your support in fixing once and for all the existing drainage situation. I invite you onto my property anytime to inspect this situation for yourselves.

# TCEQ Public Meeting Form

#8

PLEASE PRINT

Name: WILLIAM COB<sup>E</sup>

Mailing Address: 31434 SUNLIGHT DR

Physical Address (if different): SAME

City/State: BEVERLY Zip: 78163

**\*\*This information is subject to public disclosure under the Texas Public Information Act\*\***

Email: WMCOB@WESCO.COM ✓

Phone Number: 412 370-4854

• Are you here today representing a municipality, legislator, agency, or group?  Yes  No

If yes, which one? \_\_\_\_\_

Please add me to the mailing list. ✓

I wish to provide formal *ORAL COMMENTS* at tonight's public meeting. ✓

I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

*Wm*

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Tuesday, September 08, 2015 8:29 AM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

PM

**From:** [wmcoe@wesco.com](mailto:wmcoe@wesco.com) [<mailto:wmcoe@wesco.com>]  
**Sent:** Friday, September 04, 2015 5:06 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** William C. Coe

**E-MAIL:** [wmcoe@wesco.com](mailto:wmcoe@wesco.com)

**COMPANY:**

**ADDRESS:** 31434 SUNLIGHT DR  
BULVERDE TX 78163-2786

**PHONE:** 8307144028

**FAX:**

**COMMENTS:** I understand the the 4S Ranch Development has applied for a major amendment to its wastewater permit and I was informed that this development intends to discharge 480,000 gallons of wastewater per day into Lewis Creek, directly north of Oak Village North Subdivision in which I live. My property includes some 150 yards of Lewis Creek and also understand that my home will be directly impacted negatively by this drainage issues. I strongly request that a public meeting be called to air our concerns.

*cm*

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Friday, January 16, 2015 10:34 AM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [judie.dunn@yahoo.com](mailto:judie.dunn@yahoo.com) [mailto:[judie.dunn@yahoo.com](mailto:judie.dunn@yahoo.com)]  
**Sent:** Thursday, January 15, 2015 5:35 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD*  
*94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Judith Dunn

**E-MAIL:** [judie.dunn@yahoo.com](mailto:judie.dunn@yahoo.com)

**COMPANY:**

**ADDRESS:** 24335 CIBOLO VW  
SAN ANTONIO TX 78266-1790

**PHONE:** 2102404148

**FAX:**

**COMMENTS:** This permit seeks a major amendment to the permit issued to the 4S Ranch to allow them to go from TLAP to TPDES and discharge their effluent into a tributary of the Cibolo Creek. The Greater Edwards Aquifer Alliance opposes direct discharge of effluent into waterways that recharge the Edwards Aquifer. Given that this permit has the potential to negatively impact the quality of the Edwards Aquifer waters and local Edwards wells, we request a public hearing on this permit prior to proceeding.

*MWD*

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Tuesday, November 17, 2015 8:12 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [mheersche@satx.rr.com](mailto:mheersche@satx.rr.com) [<mailto:mheersche@satx.rr.com>]  
**Sent:** Tuesday, November 17, 2015 6:56 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd*  
*94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Michael Heersche

**E-MAIL:** [mheersche@satx.rr.com](mailto:mheersche@satx.rr.com)

**COMPANY:**

**ADDRESS:** 5188 MEADOW LARK DR  
BULVERDE TX 78163-2310

**PHONE:** 2102406972

**FAX:** 2102406972

**COMMENTS:** I am quite upset that Johnson Ranch would ask for an increase in amount of wastewater effluent into the Lewis Creek. It doesn't take much for flooding to take place in the Oak Village North subdivision, and with the increased effluent from Johnson Ranch our flooding will certainly become more frequent. In addition, what about odors and wastewater migration into our drinking water. Prospective home buyers soon will learn to avoid property in the Oak Village North subdivision with a resulting decrease in our

*MW*

property values. Because of this, I am requesting a contested case hearing and would like to be added to the mailing list. I would like to see TCEQ take a stand in favor of homeowners instead of the home builders.

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Tuesday, November 17, 2015 8:12 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [ashsdad46@hotmail.com](mailto:ashsdad46@hotmail.com) [mailto:[ashsdad46@hotmail.com](mailto:ashsdad46@hotmail.com)]  
**Sent:** Tuesday, November 17, 2015 5:36 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd*  
*94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Jeanne Howe

**E-MAIL:** [ashsdad46@hotmail.com](mailto:ashsdad46@hotmail.com)

**COMPANY:**

**ADDRESS:** 30722 ONION CRK  
BULVERDE TX 78163-2723

**PHONE:** 8309803285

**FAX:** 8309803285

**COMMENTS:** I am requesting a contested case hearing. I live just off Lewis Creek with my family and our drinking water comes from the wells in Oak Village North, some of which are drilled into the Lewis Creek Waterbed. In addition to possible contamination from other sources, there is also contamination from drugs of abuse in the waste water and contaminating the drinking water. and these drugs could very well poison my family / pets on their own or by interacting even in small amounts with medications my family may be on.

*MW*

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Monday, November 16, 2015 8:36 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [ashsdad46@hotmail.com](mailto:ashsdad46@hotmail.com) [mailto:[ashsdad46@hotmail.com](mailto:ashsdad46@hotmail.com)]  
**Sent:** Saturday, November 14, 2015 6:19 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Jeanne Howe

**E-MAIL:** [ashsdad46@hotmail.com](mailto:ashsdad46@hotmail.com)

**COMPANY:**

**ADDRESS:** 30722 ONION CRK  
BULVERDE TX 78163-2723

**PHONE:** 2103256771

**FAX:** 2103256771

**COMMENTS:** I am requesting a contested case hearing. Please add me to the mailing list. Due to concerns over the bacteria in the water, the frequency of current and future flooding possibilities in Oak Village North, and the possibility of contamination of our air, soil and wells, I oppose the requested amended permit.

*MWD*

# TCEQ Public Meeting Form

WQ0015095001

1/19/2015

**PLEASE PRINT**

Name: Jeanne Howe

Mailing Address: 30722 Onion Creek Blvd Tx 78163

Physical Address (if different): \_\_\_\_\_

City/State: Bulverde Tx Zip: 78163

**\*\*This information is subject to public disclosure under the Texas Public Information Act\*\***

Email: winning1@gv+c.com ✓

Phone Number: 830-980-3285

• Are you here today representing a municipality, legislator, agency, or group?  Yes  No

If yes, which one? \_\_\_\_\_

Please add me to the mailing list. ✓

I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting. ✓

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Comments over →  
1400

RECEIVED

NOV 19 2015

AT PUBLIC MEETING

Biggest concern - is how this permit  
will affect Oak Village North's  
drinking water due to the fact that  
our water comes from wells near  
Lewis Creek. Also how we will  
have additional flooding to Oak Village  
North due to the wastewater being  
dumped and then rainwater additionally to  
it - currently it is flooding much of  
OVN - Circle Oak - Olympus, Sunlight, &  
Smithson Valley Rd. with the wastewater  
more of OVN will be flooded.

Also how this will affect residents  
south of Oak Village North / 1863.

Lastly - I would request monitoring reports  
quarterly and posted publicly.

MW

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Monday, November 16, 2015 8:36 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

**From:** [ashsdad46@hotmail.com](mailto:ashsdad46@hotmail.com) [<mailto:ashsdad46@hotmail.com>]  
**Sent:** Saturday, November 14, 2015 5:29 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd*  
*94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Jeanne Howe

**E-MAIL:** [ashsdad46@hotmail.com](mailto:ashsdad46@hotmail.com)

**COMPANY:**

**ADDRESS:** 30722 ONION CRK  
BULVERDE TX 78163-2723

**PHONE:** 8309803285

**FAX:**

**COMMENTS:** There is no indication of how often or for what the water will be tested that flows down around our wells in OVN, or where results of that testing will be made public. I also do not know what legal remedies OVN residents would have in case of contamination. If Lewis creek should flood, untreated or improperly treated waste water could contaminate lawns and pose dangers to humans and pets through the soil and through airborne contaminates. There is also no assurance that the waters will be protected from chemical runoff from

*mwd*

the developments. This is aside from the nuisance of mosquitos, which are also a health hazard. I am totally against the amended permit which calls for an almost tripling of discharge of waste water through a totally different method (surface discharge) that can only have a detrimental outcome for residents of Oak Village North.

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Friday, September 04, 2015 3:46 PM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

PM

**From:** [winning1@gvtc.com](mailto:winning1@gvtc.com) [<mailto:winning1@gvtc.com>]  
**Sent:** Friday, September 04, 2015 3:38 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd*  
*94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Jeanne Howe

**E-MAIL:** [winning1@gvtc.com](mailto:winning1@gvtc.com)

**COMPANY:** Sweetie2Sweetie

**ADDRESS:** 30722 ONION CRK  
BULVERDE TX 78163-2723

**PHONE:** 8309803285

**FAX:**

**COMMENTS:** I live very close to Lewis Creek- I request a public meeting on this proposed amendment for the 4S Ranch as I believe it will have disastrous consequences for the people of Oak Village North in Bulverde and for the Trinity and Edwards recharge zones.

*mwd*

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, November 19, 2015 8:39 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** melissajlaster@gmail.com [mailto:melissajlaster@gmail.com]  
**Sent:** Wednesday, November 18, 2015 10:20 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Melissa Laster

**E-MAIL:** [melissajlaster@gmail.com](mailto:melissajlaster@gmail.com)

**COMPANY:**

**ADDRESS:** 4845 SPREADING OAK DR  
BULVERDE TX 78163-2764

**PHONE:** 5129142941

**FAX:**

**COMMENTS:** I am requesting a contested case hearing concerning the wastewater treatment plant application amendment for the 4S Ranch. Since Oak Village North water system wells are classified by TCEQ as "Groundwater Wells Under the Influence of Surface Water," it means discharge will make its way into the drinking water system which all of us use. This is UNACCEPTABLE!!!! We cannot allow the water our families drink to be contaminated by waste water. After heavy rains, our water already runs muddy for days and

*MW*

has even been tested positive for high bacteria counts. Wastewater would make our wells unusable. There are many other problems that stem from wastewater being dumped into Lewis Creek such as foul odor, mosquito infestations, a decline in property value...just to name a few. But the most important and absolutely unlawful reason is that it will contaminate our drinking water...the only water source available to all of Oak Village North residence. Thank you for your time.

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, November 19, 2015 8:39 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [melissajlaster@gmail.com](mailto:melissajlaster@gmail.com) [<mailto:melissajlaster@gmail.com>]  
**Sent:** Wednesday, November 18, 2015 10:09 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

MWD  
94933

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Melissa Laster

**E-MAIL:** [melissajlaster@gmail.com](mailto:melissajlaster@gmail.com)

**COMPANY:**

**ADDRESS:** 4845 SPREADING OAK DR  
BULVERDE TX 78163-2764

**PHONE:** 5129142941

**FAX:**

**COMMENTS:** I am requesting a contested case hearing concerning the wastewater treatment plant application amendment for the 4S Ranch. Since Oak Village North water system wells are classified by TCEQ as "Groundwater Wells Under the Influence of Surface Water," it means discharge will make its way into the drinking water system which all of us use. This is UNACCEPTABLE!!!! We cannot allow the water our families drink to be contaminated by waste water. After heavy rains, our water already runs muddy for days and

*MW*

has even been tested positive for high bacteria counts. Wastewater would make our wells unusable. There are many other problems that stem from wastewater being dumped into Lewis Creek such as foul odor, mosquito infestations, a decline in property value...just to name a few. But the most important and absolutely unlawful reason is that it will contaminate our drinking water...the only water source available to all of Oak Village North residence. Thank you for your time.

TCEQ Public Meeting Form  
November 19, 2015

# 12

**633-4S Ranch, LTD. and Stahl Lane, Ltd.**  
**TPDES Permit for Municipal Wastewater**  
**TPDES Permit No. WQ0015095001**

PLEASE PRINT

Name: Michael Manner, Sr.

Mailing Address: PO Box 200606 San Antonio TX 78270 ✓

Physical Address (if different): 16129 S.H. 46 W, Spring Branch, TX 78070

City/State: Spring Branch, TX Zip: 78070

**\*\*This information is subject to public disclosure under the Texas Public Information Act\*\***

Email: stgcatex@gntc.com ✓

Phone Number: 830 660 9465

• Are you here today representing a municipality, legislator, agency, or group?  Yes  No  
If yes, which one? \_\_\_\_\_

Please add me to the mailing list. ✓

I wish to provide formal *ORAL COMMENTS* at tonight's public meeting. ✓

I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.  
(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

MW

Public Comment  
written

45 Ranch

I am requesting a contested case hearing on this permit amendment for the following reasons:

- \* There has been no study on the cumulative effect of wastewater discharge from multiple wastewater treatment plants being discharged into dry creeks & receiving waters and the effects on water quality of ground & surface waters & for the health & safety of people, animals, & aquatic life.
- \* ~~wastewater~~ wastewater should be distributed on developers property as that was the intent of the original permits.
- \* No wastewater should be discharged that is not 100% drinkable at discharge point.
- \* No homes should be lined in until such ~~that~~ development has a complete WWTW wastewater treatment facility.

**RECEIVED**  
 H NOV 19 2015  
 AT PUBLIC MEETING

submitted on Nov. 19, 2015  
 Michael J. Murray Jr.  
 16129 S. H. 46 W  
 Spring Branch, TX 78070  
 830 668 9465  
 stjcottax@gvetc.com  
 MW

NOTE!

combine w/form to request to speak

### MEETING AGENDA

~~See other side~~

- Introductions.....TCEQ
- Identify Elected Officials.....TCEQ
- Presentations.....Applicant & TCEQ  

Michael L. Maurer, Sr

Informal Discussion Period
- Questions & Answers.....Public

Members of the public may ask questions during this time period. TCEQ staff and the Applicant will respond to questions. This time period is for discussion purposes and for obtaining information from TCEQ staff and the Applicant. Questions and/or comments made during this period will not be considered formal comment, and will not go to the Commissioners. Additionally, no written response will be prepared for comments made during this period. Please note, depending on the number of commenters who indicate a desire to provide formal comments, the Informal Discussion Period may be limited or omitted.

#### Formal Comment Period

- Formal Comments.....Public

During the formal comment period members of the public may voice concerns or comments. Neither the Applicant nor TCEQ staff will respond during the formal comment period. After the close of all comment periods, the Executive Director will summarize the formal comments and prepare a written response to comments (RTC). This RTC will be made available to the public and will also be mailed to those who submitted written comments or formal comments at a public meeting.

Everyone who wishes to comment will have the opportunity to do so, however, we may ask that each commenter limit their time so that everyone will have time to speak.

- Closing Remarks/Adjournment.....TCEQ

Please Note: Written comments may be submitted anytime during the evening.

Office of the Chief Clerk, MC 105  
TCEQ  
PO Box 13087  
Austin, TX 78711-3087

2015 DEC 22 AM 9:49  
CHIEF CLERKS OFFICE

MWD  
94933

REVIEWED

DEC 22 2015

RE: 633-4S Ranch Ltd., Stahl Lane Ltd./Water Quality #0015095001

TCEQ Commissioners,

This above noted project needs to be denied as per the ATTACHMENT that is included. Pretty much self-explanatory... unless people are already in bed together??? Do the math and read the TAC! If you choose to follow the TAC Rules... then you will deny the above increase much less going from a TLAP to a WWTP. Land app versus just shoving this **additional pollutant loading** into the Cibolo... a known recharge feature of the Edwards Aquifer. I do not know where the TCEQ comes off purporting 'they' protect the environment... when this kind of BS approval and the like of previous permit approvals in Comal County says otherwise. Follow the freaking laws and Rules of this State. People are fed up of the polluting that is going on in our rivers and lakes... and the TCEQ is apparently approving these treatment processes (agreed orders and fines are not a solution) even though there are times when the pollutants escape without being treated properly... if one can call treating shit and dumping it on the ground or a swale that will further take it off the developers own property just to contaminate the ground or waters elsewhere. Why do you not do the RIGHT thing for once and DENY THE ABOVE. **Screw the developers???** Make it **stay a TLAP** with vaporization or sprinkler distribution??? I am well aware that the comment period is closed.

**THIS IS MORE OF A COMPLAINT**  
**AGAINST THE TCEQ AND ITS' LEADERS.**

Your actions will be reflected on the one person who is accountable... Governor Greg Abbott... as it is the Governor who appoints the Commissioners. And while Abbott may or may not have appointed you three... Abbott is the sole person who is responsible for your actions... or lack thereof. **AGAIN... DENY THE ABOVE!!!**

*Michael L. Maurer, Sr.*

Michael L. Maurer, Sr.  
Dec. 18, 2015

MWD

Next Rule>>

# Texas Administrative Code

<u>TITLE 30</u>	ENVIRONMENTAL QUALITY
<u>PART 1</u>	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
<u>CHAPTER 213</u>	EDWARDS AQUIFER
<u>SUBCHAPTER A</u>	EDWARDS AQUIFER IN MEDINA, BEXAR, COMAL, KINNEY, UVALDE, HAYS, TRAVIS, AND WILLIAMSON COUNTIES
RULE §213.6	Wastewater Treatment and Disposal Systems

---

(a) General.

(1) New industrial and municipal wastewater discharges into or adjacent to water in the state that would create additional pollutant loading are prohibited on the recharge zone.

(2) Increases in existing discharges into or adjacent to water in the state that would increase or add new pollutant loading are prohibited on the recharge zone.

(3) Existing permits may be renewed for the same discharge volumes and with the same conditions and authorizations specified in the permit. Permits will not be renewed if the facility becomes non-compliant, as defined in Chapter 70 of this title.

(4) New land application wastewater treatment plants located on the recharge zone must be designed, constructed, and operated such that there are no bypasses of the treatment facilities or any discharges of untreated or partially treated wastewater.

(5) Design of wastewater treatment plants must be in accordance with Chapter 317 of this title.

(b) Land application systems.

(1) Except for licensed private sewage facilities, land application systems that rely on percolation for wastewater disposal are prohibited on the recharge zone.

(2) Wastewater disposal systems for disposal of wastewater on the recharge zone utilizing land application methods, such as evaporation or irrigation, will be considered on a case-by-case basis. At a minimum, those systems must attain secondary treatment as defined in Chapter 309 of this title (relating to Effluent Limitations).

(3) Existing permits may be renewed for the same discharge volumes and with the same conditions and authorizations specified in the permit unless the facility becomes non-compliant, as defined in Chapter 70 of this title.

(c) Discharge upstream from the recharge zone.

(1) All new or increased discharges of treated wastewater into or adjacent to water in the state, other than industrial wastewater discharges, within zero to five miles upstream from the recharge zone, at a minimum, shall achieve the following level of effluent treatment:

(A) five milligrams per liter of carbonaceous biochemical oxygen demand, based on a 30-day average;

(B) five milligrams per liter of total suspended solids, based on a 30-day average;

(C) two milligrams per liter of ammonia nitrogen, based on a 30-day average; and

(D) one milligram per liter of phosphorus, based on a 30-day average.

(2) All new or increased discharges into or adjacent to water in the state, other than industrial wastewater discharges, more than five miles but within ten miles upstream from the recharge zone and any other discharges that the agency determines may affect the Edwards Aquifer, at a minimum, must achieve the level of effluent treatment for 2N based on a 30-day average as set out in Table 1 of Chapter 309 of this title. More stringent treatment or more frequent monitoring may be required on a case-by-case basis.

(3) All discharges, other than industrial wastewater discharges, more than five miles upstream from the recharge zone which enter the main stem or a tributary of Segment 1428 of the Colorado River, or Segment 1427, main stem Onion Creek, or a tributary of Onion Creek must comply with §311.43 of this title (relating to Effluent Requirements for All Tributaries of Segment 1428 of the Colorado River and Segment 1427, Onion Creek, and Its Tributaries, of the Colorado River Basin), and to §311.44 of this title (relating to Disinfection). More stringent treatment or more frequent monitoring may be required on a case-by-case basis.

(4) Any existing permitted industrial wastewater discharges within zero to ten miles upstream of the recharge zone must, at all times, discharge effluent in accordance with permitted limits. Any application for new industrial wastewater discharge permits for facilities zero to ten miles upstream of the recharge zone will be considered on a case-by-case basis, in accordance with appropriate discharge limits applicable to that industrial activity and with consideration of its proximity to the recharge zone.

Michael L. Maurer, Sr.  
16129 S.H. 46W  
Spring Branch TX 78070

**RECEIVED**

DEC 22 2015

TCEQ MAIL CENTER  
AJ

**RETURN RECEIPT  
REQUESTED**



UNITED STATES POSTAGE  
EAGLE  
PITNEY BOWES  
02 1P  
\$ 006.740  
0001950027 DEC 18 2015  
MAILED FROM ZIP CODE 78163

DEC 18 AM 9:49

Office of The chief clerks,  
TCEQ  
P.O. Box 13087  
Austin, TX 78711 - 3087

78711-308797



**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Monday, November 16, 2015 8:35 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [tmclung@ix.netcom.com](mailto:tmclung@ix.netcom.com) [mailto:[tmclung@ix.netcom.com](mailto:tmclung@ix.netcom.com)]  
**Sent:** Sunday, November 15, 2015 9:10 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd*  
*94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Theresa McClung

**E-MAIL:** [tmclung@ix.netcom.com](mailto:tmclung@ix.netcom.com)

**COMPANY:**

**ADDRESS:** 30584 ONION CRK  
BULVERDE TX 78163-2718

**PHONE:** 2146763161

**FAX:**

**COMMENTS:** I am requesting a contested case hearing regarding this planned water treatment plant and would like to be added to the mailing list. Given the fact that the well serving our community is affected by groundwater and the plan to release effluent into Lewis creek would effect the quality of the water serving our community it seems incredibly wrong to put the health, water, property values and security of our community at risk so that a developer can build another community nearby. We already deal with times when the water in our

*MW*

community is at risk when there are extremes in the weather due to drought or rain. Water has had sediment from the groundwater simply during rainy seasons, it is wrong to put us in a situation that our drinking water could contain sewage waste effluent. People have the right to expect safe water. I am counting on you to do the right thing for the people of our community.

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, January 22, 2015 8:10 AM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

*David  
94933*

H  
**From:** [alan.montemayor@sbcglobal.net](mailto:alan.montemayor@sbcglobal.net) [mailto:[alan.montemayor@sbcglobal.net](mailto:alan.montemayor@sbcglobal.net)]  
**Sent:** Wednesday, January 21, 2015 9:08 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Alan Montemayor

**E-MAIL:** [alan.montemayor@sbcglobal.net](mailto:alan.montemayor@sbcglobal.net)

**COMPANY:**

**ADDRESS:** 2186 JACKSON KELLER RD # 432  
SAN ANTONIO TX 78213-2723

**PHONE:** 2103429721

**FAX:**

**COMMENTS:** This permit seeks a major amendment to the permit issued to the 4S Ranch to allow them to go from TLAP to TPDES and discharge their effluent into a tributary of the Cibolo Creek. I oppose direct discharge of effluent into waterways that recharge the Edwards Aquifer. Given that this permit has the potential to negatively impact the quality of the Edwards Aquifer waters and local Edwards wells, I request a public hearing on this permit prior to proceeding.

*mu*

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Monday, November 16, 2015 8:33 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [smoore59@aol.com](mailto:smoore59@aol.com) [mailto:[smoore59@aol.com](mailto:smoore59@aol.com)]  
**Sent:** Sunday, November 15, 2015 1:56 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd*  
*94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Sonia L Moore

**E-MAIL:** [smoore59@aol.com](mailto:smoore59@aol.com)

**COMPANY:**

**ADDRESS:** 31109 SMITHSON VALLEY RD  
BULVERDE TX 78163-2753

**PHONE:** 8309804307

**FAX:**

**COMMENTS:** request a contested case hearing.

*MW*

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Friday, April 29, 2016 8:35 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

**From:** smooore59@aol.com [mailto:smooore59@aol.com]  
**Sent:** Thursday, April 28, 2016 6:08 PM  
**To:** DoNot Reply <donotreply@tceq.texas.gov>  
**Subject:** Public comment on Permit Number WQ0015095001

MWD  
-----  
94933

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MRS Sonia L Moore

**E-MAIL:** [smooore59@aol.com](mailto:smooore59@aol.com)

**COMPANY:**

**ADDRESS:** 31109 SMITHSON VALLEY RD  
BULVERDE TX 78163-2753

**PHONE:** 8309804307

**FAX:**

**COMMENTS:** The smell is one factor. The other is the fact That Oak Village North subdivision is known to have flooding in the area and waste water would be a terrible health hazard to those affected. Also it would be unhealthy for wildlife.

MWD

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, January 29, 2015 8:21 AM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [stan.moulton@gmail.com](mailto:stan.moulton@gmail.com) [mailto:[stan.moulton@gmail.com](mailto:stan.moulton@gmail.com)]  
**Sent:** Wednesday, January 28, 2015 5:58 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mmw  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** David S Moulton

**E-MAIL:** [stan.moulton@gmail.com](mailto:stan.moulton@gmail.com)

**COMPANY:**

**ADDRESS:** PO BOX 103  
HONDO TX 78861-0103

**PHONE:** 8304261343

**FAX:**

**COMMENTS:** I have the privilege of working on a method of sewage treatment that produces completely sterile products. It is feasible and practical. I oppose any discharge of a non-sterile waste stream into surface waters, and strongly oppose such practice if the surface water feeds a potable water supply such as the Edwards-aquifer. Public hearings should be held on this application.

*mmw*

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, January 15, 2015 4:07 PM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

*MWD  
94933*

H

**From:** [bexaraudubon@earthlink.net](mailto:bexaraudubon@earthlink.net) [mailto:[bexaraudubon@earthlink.net](mailto:bexaraudubon@earthlink.net)]  
**Sent:** Thursday, January 15, 2015 4:02 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Gregory Pasztor

**E-MAIL:** [bexaraudubon@earthlink.net](mailto:bexaraudubon@earthlink.net)

**COMPANY:** Bexar Audubon Society

**ADDRESS:** PO BOX 6084  
SAN ANTONIO TX 78209-0084

**PHONE:** 2102151127

**FAX:**

**COMMENTS:** This permit seeks a major amendment to the permit issued to the 4S Ranch to allow them to go from TLAP to TPDES and discharge their effluent into a tributary of the Cibolo Creek. Bexar Audubon Society, a member of the Greater Edwards Aquifer Alliance, opposes direct discharge of effluent into waterways that recharge the Edwards Aquifer. Given that this permit has the potential to negatively impact the quality of the

*MWD*

Edwards Aquifer waters and local Edwards wells, we request a public hearing on this permit prior to proceeding.

- Alamo Group of the Sierra Club
- Aquifer Guardians in Urban Areas
- Austin Regional Sierra Club
- Bexar Audubon Society
- Bexar Green Party
- Boerne Together
- Cibolo Nature Center
- Citizens Allied for Smart Expansion
- Citizens for the Protection of Cibolo Creek Environment Texas
- First Universalist Unitarian Church of San Antonio
- Friends of Canyon Lake
- Friends of Government Canyon
- Fuerza Unida
- Green Party of Austin
- Hays Community Action Network
- Headwaters Coalition
- Helotes Heritage Association
- Helotes Nature Center
- Hill Country Planning Association
- Guadalupe River Road Alliance
- Guardians of Lick Creek
- Kendall County Well Owners Association
- Kinney County Ground Zero
- Medina County Environmental Action Association
- Northwest Interstate Coalition of Neighborhoods
- Preserve Castroville
- Preserve Lake Dunlop Association
- San Antonio Audubon Society
- San Antonio Conservation Society
- San Geronimo Nature Center
- San Geronimo Valley Alliance
- San Marcos Greenbelt Alliance
- San Marcos River Foundation
- Save Barton Creek Association
- Save Our Springs Alliance
- Scenic Loop/Boerne Stage Alliance
- Securing a Future Environment
- SEED Coalition
- Solar San Antonio
- Sisters of the Divine Providence
- Texas Water Alliance
- Water Aid, Texas State University
- West Texas Springs Alliance
- Wildlife Rescue & Rehabilitation
- Wimberley Valley Watershed Association

PO Box 15618  
San Antonio, Texas 78212  
(210) 320-6294  
www.AquiferAlliance.org

April 27, 2016

Bridge Bohac  
Chief Clerk  
Texas Commission on Environmental Quality  
MC 105  
P.O. Box 13087, Austin, Texas 78711-3087

REVIEWED  
MAY 02 2016  
By MP

H  
MIND  
94933

2016 MAY -2 PM 2:38  
CHIEF CLERKS OFFICE

TEXAS  
COMMISSION  
ON ENVIRONMENTAL  
QUALITY

Re: Hearing Request Regarding Draft Permit No. WQ0015095001,  
Proposed for Issuance to 633-4S-Ranch, Ltd., and Stahl Lane, Ltd.

Ms. Bohac:

On behalf of the fifty-one member organizations and individual members of the Greater Edwards Aquifer Alliance (GEAA), I am submitting this request for a contested case hearing with regard to the above-referenced Application. Several comments were previously submitted with regard to the application, including comments submitted by GEAA on behalf of our members who live in this area. The Draft Permit issued by the Executive Director does not resolve of the concerns expressed in those comments. The Greater Edwards Aquifer Alliance may be contacted at 210-320-6294 or by fax 210-320-8518.

**I. GEAA is an "Affected Person"**

GEAA submits this request as representing our members in this area and all those who rely on groundwater from the Edwards and Trinity aquifer formations, is an "affected person", as that term is defined in the TCEQ regulations. The Greater Edwards Aquifer Alliance is a non-profit organization dedicated to protecting and preserving the Edwards and Trinity aquifers, their springs and watersheds, and the Texas Hill Country. Our purpose includes protection of the health and safety of the residents and landowners in the greater Bulverde area, including residents and property owners in the Oak Village North and Twin Creeks subdivisions adjacent to the proposed wastewater treatment plant property. To this end, GEAA is dedicated to preservation of water quality of the Edwards and Trinity aquifers, and watershed contributing recharge to these highly vulnerable karst formations. In order to implement these goals, GEAA seeks to pursue these purposes through education and participation in administrative proceedings. Additionally, GEAA has individual members that would have standing as "affected persons" in their own right.

**II. GEAA Seeks a Hearing on Several Issues Raised During the Comment Period**

We believe the Application should be denied in light of several remaining deficiencies. The Executive Director's Response to Comments did not

CM

resolve the concerns of GEAA related to these issues. Accordingly, GEAA seeks a contested case hearing on the disputed issues identified in this section.

A. The Draft Permit Has Not Been Shown To Be Adequately Protective of Groundwater

GEAA is primarily concerned about the approval of this permit and related development because we believe it will have a negative impact on water quality; we request a contested case hearing with regard to whether the draft permit is sufficiently protective of groundwater. The wastewater project for which the applicant has been granted this permit is located too close to the Edwards Aquifer Recharge Zone (EARZ). It is located on the Edwards Aquifer Contributing Zone within the three miles of the Edwards Aquifer Contributing Zone contiguous to the Recharge Zone – within an area afforded protection equal to the EARZ by the Edwards Aquifer Authority in their regulations on Hazardous Materials. The Edwards Aquifer Authority recognizes that boundaries of the Recharge Zone are often arbitrary, and often do not reflect geology. Studies currently being conducted by Southwest Research Institute for the Edwards Aquifer Authority indicate that the Contributing Zone of the Edwards Aquifer, especially areas within the Glenrose formations of the Trinity Aquifer, may be far more significant in terms of recharge to the Edwards than was previously believed.

Our understanding is that recharge features are to be found within the area impacted by the permit. According to a study performed by the Texas Speleological Society for the City of Bulverde (Attachment 1) several caves, some containing endangered species, could potentially be impacted by direct discharge of sewage effluent into Lewis Creek. The applicant should be required to hire a consultant to conduct a professional survey for cave or recharge features on the proposed site and the results reported to TCEQ. The wastewater permit writers at TCEQ should subsequently evaluate the results of such a study and evaluate the propriety of siting a wastewater plant and route for the direct discharge of effluent at this location.

We are concerned not only about the treated wastewater discharged from the plant, but also with regard to the untreated or partially treated wastewater stored within the wastewater treatment plant units. During the Labor Day flood of 2015, we witnessed overflow of a similar plant located at the Johnson Ranch subdivision. Furthermore, the facility and the proposed discharge have the potential to adversely impact the Trinity Aquifer in addition to the Edwards Aquifer. These impacts are particularly troubling given the reliance of nearby communities upon groundwater wells as their source of water for drinking water purposes, and other domestic purposes.

B. The Draft Permit Has Not Been Shown to be Adequately Protective of Surface Water

GEAA also seeks a hearing with regard to whether the draft permit is adequately protective of surface water. The draft permit will result in the discharge of contaminants including, without limitation, bacteria, nutrients, emerging (anthropogenic) contaminants, and oxygen-demanding constituents. The immediate receiving water is particularly sensitive to eutrophication as a result of the added nutrients, and Upper Cibolo Creek is impaired for bacteria and chlorides. Among other concerns, it has not been demonstrated that the immediate receiving waters will not be impaired for nutrients and dissolved oxygen as a result of the discharge. Furthermore, it has not been demonstrated that the discharge will not contribute to the impairment of Upper Cibolo Creek for bacteria.

This is particularly of concern given other existing discharges in the area, which should have been considered in a proper Tier 2 anti-degradation analysis. Cumulative impacts to Cibolo Creek, which is a significant Edwards Aquifer Recharge feature, should be considered when permitting discharge of effluent into tributaries of Cibolo Creek. According to our research (Attachment 2), existing Waste Water Discharge permits indicate that 1,530,000 gallons per day are discharged into Cibolo Creek where it passes through Comal County. Additional permits, including that of 4S Ranch and Meyers Ranch, will further increase the amount of effluent that is not treated to drinking water standards flowing into Cibolo Creek and entering the Edwards Aquifer through the extremely porous limestone creek bed.

C. The Draft Permit Has Not Been Shown to Ensure Compliance With the Location Restrictions Set Forth in Subchapter B of Chapter 309 of the TCEQ Rules.

GEAA further seeks a hearing with regard to whether the draft permit ensures compliance with the requirements of the Location Standards set forth in the TCEQ regulations. The location of the plant fails to minimize the possible contamination of surface water and groundwater.

According to our review of the Lewis Creek Drainage Study<sup>1</sup> and comparison with reports from rain events during 2015, we surmise that, as the amount of impervious cover within the study area increases, floodplain maps rapidly become inaccurate and outdated. Many residences within the study area that are not located in the floodplain are repeatedly being flooded. We do not believe that the wastewater treatment plant is sufficiently outside the floodplain and protected from flooding.

Additionally, the plant is located over the recharge area of a major aquifer without the necessary showing of a sufficient containment structure design. Moreover, the plant has not been shown to be adequately protective with regard to the production and spread of nuisance odors.

D. The Design of the Wastewater Treatment Plant Has Not Been Shown to be Sufficient.

GEAA seeks a hearing with regard to whether the design of the facility meets all applicable requirements. Particularly in light of the sensitive nature of the area where the facility will be located, sufficient measures have not been included to prevent and address the potential for the release of untreated wastewater, or partially treated wastewater. Furthermore, the conditions of the permit do not ensure use of the proper technology in light of the technology available, the quality of the receiving waters, and the sensitivity of the area.

The TCEQ has designated the Edwards Aquifer as the major aquifer in the state most vulnerable to pollution since the surface and subsurface environments are highly interconnected in karst areas and the physical nature of these terrains allows pollution to travel great distances quickly and with little to no filtration. Actions of individuals on the surface are directly correlated to groundwater quality.

Passage of SB 921<sup>2</sup> during the 84<sup>th</sup> Legislative session exempted wastewater treatment facilities from requirements to immediately report spills of 1,000 gallons or less. We are concerned that

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<sup>1</sup> "Flood Insurance Rate Map." *Lewis Creek Drainage Study*. N.p., n.d. Web. 10 Nov. 2015. <http://bulverdetx.gov/245/Lewis-Creek-Drainage-Study>

<sup>2</sup> <http://www.legis.state.tx.us/BillLookup/Text.aspx?LegSess=84R&Bill=SB912>

spills in volumes exempted from reporting requirements could have a negative impact on nearby wells and well owners would not be properly notified in the event of a spill.

**E. The Permit Has Not Been Shown to be Adequately Protective of Human Health and Safety.**

GEAA seeks a hearing with regard to whether the draft permit is adequately protective of human health and safety. The proposed discharge will result in the release of contaminants in an area where they will quickly move into groundwater relied upon as a source of drinking water by many people in the area. Furthermore, given the flooding conditions in the area, it is likely that contaminants in the wastewater will be deposited onto area properties when the receiving waters rise under flood conditions.

Emerging contaminants, which are not typically removed in wastewater treatment processes, are a matter of concern. On-going monitoring by the Edwards Aquifer Authority indicate that emerging contaminants (pharmaceuticals and personal care products) are being detected on a regular basis in the flows from Comal and Hueco springs (Attachment 3). This indicates that wastewater effluent is already having a negative impact on water quality of the Edwards Aquifer.

In the context of the thin soils, numerous springs, and sensitive Texas Hill Country streams, rivers, and aquifers, any wastewater effluent system represents a threat of permanent and significant degradation. Only by soundly based and strictly enforced regulations can we balance the provision of wastewater infrastructure to suburban residences with protection of the natural streams and springs.

**F. The Draft Permit Has Not Been Shown to be Adequately Protective of the Use and Enjoyment of Property.**

GEAA seeks a hearing with regard to whether the draft permit is adequately protective of the use and enjoyment of property. As noted, the draft permit will authorize the discharge of contaminants that will flow onto the property of others, and that will be deposited on the property of others particularly as a result of storm and flooding events.

According to the expert testimony of Dr. Lauren Ross<sup>3</sup>, as presented in the Johnson Ranch case, virtually all of the ammonia-nitrogen in wastewater is oxidized to nitrate in the aerated activated sludge treatment process. Therefore, the proposed discharge will contribute an amount of nitrate that will cause adverse impacts to the downstream channel. Because the nitrate concentrations "would likely range from 10 to 30 milligrams per liter," Dr. Ross determined the effluent nitrate concentration would be 1,500 times greater than the average nitrate concentrations measured in Texas Hill Country streams. Dr. Ross concluded that this nutrient loading will "include significant increases in the amount of vegetation, the occurrence of algae growth and blooms, and a loss of the very clear, high-quality water which would currently be present in the stream during times of flow."

As Dr. Ross explained, the nutrient loading would degrade the dissolved oxygen and create murky water, stimulate microbial activity, which may be harmful to human health, and produce anoxic dissolved oxygen concentrations during nighttime algae respiration. Under resulting

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<sup>3</sup> <http://www.aquiferalliance.net/wp-content/uploads/2014/01/PROPOSAL-FOR-DECISION-3-9-151.pdf> - page 26

anoxic conditions, bacteria will reduce sulfate, producing black muck and a "rotten egg" odor associated with eutrophic water bodies. Further, vegetation will impede access to the clean and open channel bottom where decaying vegetation, decomposing algae, and anoxic dissolved oxygen concentrations may lead to unpleasant odors and migration of metal ions that would otherwise remain bound to sediments.

**G. A Sufficient Need for the Facility has not been Demonstrated.**

GEAA further seeks a hearing with regard to whether a sufficient need has been demonstrated for the facility. The Applicant has an existing land application permit that sufficiently provides wastewater service to the service area of the proposed treatment plant, and the availability of alternate service options has not been adequately addressed.

By approving the amendment to the original land application permit, you are allowing the neighboring subdivision to relegate sewage infrastructure on to property that they do not own. In essence, you are giving them the right to dump their refuse on to the property of their neighbor, thereby depriving the neighboring property owners of the full use and enjoyment of their land while substantially devaluing their property.

It is not as if this TPDES permit is absolutely necessary for the health and safety of those residing in the 4S Ranch Subdivision. We believe that the subdivision simply seeks to convert their existing TLAP permit to a discharge permit in order to free up land currently planned for use for application of treated sewage from the subdivision so that they could build additional homes on this site.

It appears to us that property rights are being apportioned without regard to the true meaning of this standard. In making the decision to grant this amendment to the TLAP in this matter, TCEQ seems to be recognizing a very tenuous right of the developer over the over the solid rights of the downstream property owners on both sides of Lewis Creek to enjoy their property free from incursion, and negative impacts, of sewage effluent.

**H. The Draft Permit Has Not Been Shown to Include Sufficient Monitoring Requirements.**

GEAA seeks a hearing with regard to whether the monitoring requirements of the draft permit are sufficient. The surface water and groundwater in the area of the facility are particularly sensitive to contamination, and, as noted, a number of people rely on groundwater in the area as a source of drinking water. Under these circumstances, it is imperative that any problem be detected and addressed in a timely manner to minimize the risks to human health and the environment. The monitoring required by the draft permit does not accomplish this, and has not been shown to meet the requirements of the TCEQ rules.

**Conclusion**

Because urban development occurs (and degrades water quality) in increments on a project-by-project basis, and often without context, we are concerned that the TCEQ is issuing permits without examining what the cumulative impacts of these permits will mean for those who rely on Edwards and Trinity wells within this area, on flows from Comal and Hueco springs, and for the future of our region in terms of reliance on the Edwards Aquifer as a high quality water supply. The effects of high density development within this extremely vulnerable karst landscape are not limited to destruction of rural lands, wildlife habitats, and pristine Hill Country

streams and springs. They include severe financial and social costs as well, some of which we are only beginning to understand.

For these reasons, GEAA seeks a contested case hearing with regard to the Application by 633-4S-Ranch, Ltd., and Stahl Lane, Ltd. for TPDES Permit No. WQ0015095001 with regard to the issues identified within this request.

Thank you for the opportunity submit this request.

Respectfully,

A handwritten signature in black ink, appearing to read "Annalisa Peace", with a long horizontal flourish extending to the right.

Annalisa Peace  
Executive Director  
Greater Edwards Aquifer Alliance

Attachment 1

Subject: TSS Bulverde data request  
Date: Sat, 22 Oct 2005 12:19:29 -0500  
From: George Veni <[gveni@satx.rr.com](mailto:gveni@satx.rr.com)>  
Organization: George Veni & Associates  
To: [csparks@bulverdecity.com](mailto:csparks@bulverdecity.com)  
CC: "William H. Russell" <[whrussell@gmail.com](mailto:whrussell@gmail.com)>, Orion Knox  
<[Orion-Knox@alumni.utexas.net](mailto:Orion-Knox@alumni.utexas.net)>

Dear Chance,

The Texas Speleological Survey (TSS) has approved your data request on behalf of the City of Bulverde for information on caves and karst features in the Oak Village North Subdivision. The TSS has information on six caves and two karst features in the study area. Attached are three files on those features in response to your request. The first is a location map of the reported caves and karst features. The second is an Excel spreadsheet with specific information about them. The third is an invoice for services. It is critical for you to be aware that none of the features have been located by GPS and the locations are approximate at best. Based on recent trips into the area by various people, TSS is confident that the locations for Ebert Cave (COM035), Falling Shadows Sink (COMF060), and Kappelman Salamander Cave (COM058) are fairly accurate. The accuracy of the remaining locations is unknown and they are based on rough sketches when the property was ranch and/or newly developed. Two of the caves, Flatrock Chasm (COM041) and Kappelman's Unnamed Cave (COM060) have locations that plot outside of Oak Village North, but because of the uncertainty about their locations they may in fact be within the city limits. It is also possible that both of these are the same cave, but listed as different caves by people who discovered them about 20 years apart. The "uncertainty" column in the Excel file lists the estimated precision of the GPS coordinates provided in the spreadsheet.

Other information in the file includes the owners' names, which are certainly well out of date, and any known significance for the caves. A "FALSE" entry may not mean there is no significance within a particular category, but only that nothing is yet known. Two caves are known to contain species of salamander that are on the Texas list of threatened species and are marked "TRUE" under the columns for biological significance. Ebert Cave is the only known cave to capture significant quantities of water. Per your agreement to receive this information, TSS will greatly appreciate whatever updates, corrections, and new information you can provide.

On Monday morning I will mail you copies of maps and printed information that are not digitally available.

If you have questions, I will be out most of this week but will be glad to reply the following week.

Cordially,

George Veni

TSS President and Comal County Data Manager

\*\*\*\*\*

George Veni, Ph.D.

George Veni and Associates

11304 Candle Park

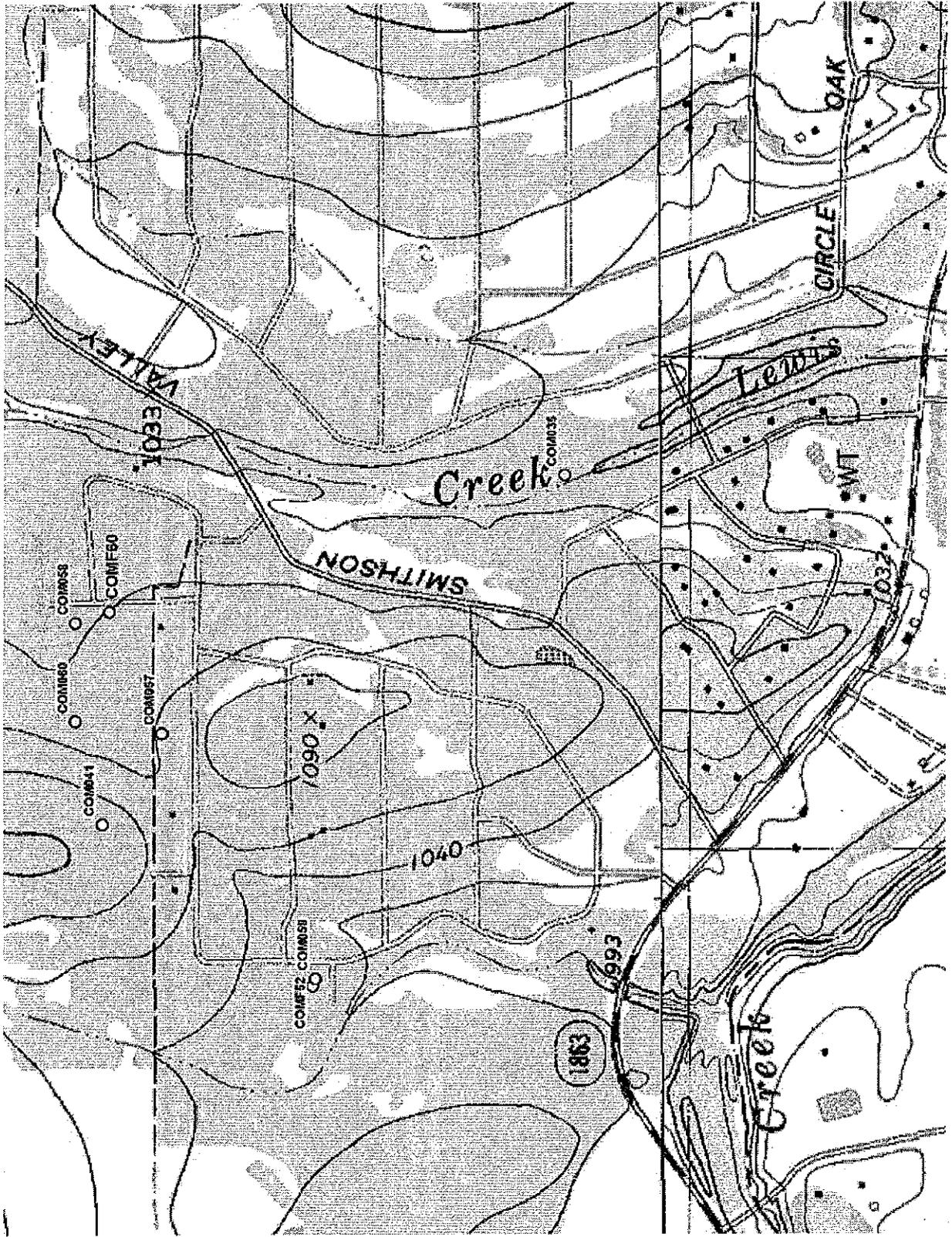
San Antonio, Texas 78249-4421

210-558-4403

413-383-2276 (fax)

[gveni@satx.rr.com](mailto:gveni@satx.rr.com)

Texas Professional Geoscientist License #682



Attachment 2 – Current Permit Applications for Effluent Discharge Received by Cibolo Creek

Name	Stream Segment	Daily Average Flow	Cubic Feet per Second
45 Buzzell WWTP	1908, Lewis Creek	480,000	0.74281
Bulverde 46 Water Recycling Center	1908, Upper Cibolo	60,000	0.09283
C D Reed WWTP	1908, Upper Cibolo	180,000	0.2784
Cibola Valley WWTP	1908, Upper Cibolo Creek	500,000	0.7736
GISD Simonsen Valley High School	1908, Drilling Springs Creek	27,000	0.04176
Johnson Ranch WWTP	1908, Upper Cibolo Creek	75,000	0.116
Park Village WWTP	1908, Upper Cibolo Creek	195,000	0.3017
Spring Branch Middle School	1908, Upper Cibolo Creek	13,000	0.02011

Facility Name	Address	City	County	Waste Type	Permit Number	Status	Stream Segment	Daily Average Flow
45 BRANCH WWTP	400 FT N OF INTER OF SIMONSEN VALLEY RD & FM 1883		COMAL	WASTEWATER	WQ0014503500	PERMIT ACTIVE	1908, Lewis Creek	480,000
BULVERDE 46 WATER RECYCLING CENTER	400 OLD BOERNE RD BULVERDE TX 78162 3383		COMAL	WASTEWATER	WQ0014613700	PERMIT ACTIVE	1908, Upper Cibolo	60,000
C D REED WWTP	10142 AMMAN RD BULVERDE TX 78162 3000		COMAL	WASTEWATER	WQ0014802000	PERMIT ACTIVE	1908, Upper Cibolo	180,000
CIBOLA VALLEY WWTP	1000 SUC OF 221 AND 1883		COMAL	WASTEWATER	WQ0014803000	PERMIT ACTIVE	1908, Upper Cibola Creek	500,000
GISD SIMONSEN VALLEY HIGH SCHOOL	14011 HIGHWAY 40 W SPRING BRANCH TX 78076 7023		COMAL	WASTEWATER	WQ0014222000	PERMIT ACTIVE	1908, Drilling Springs Creek	27,000
JOHNSON RANCH WWTP	305 FM 1883 BULVERDE TX 78163		COMAL	WASTEWATER	WQ0014072000	PERMIT ACTIVE	1908, Upper Cibola Creek	75,000
PARK VILLAGE WWTP	APPROXIMATELY 5,300 FT DUE SOUTH OF THE INTERSECTION		COMAL	WASTEWATER		PERMIT ACTIVE		



H.B. 595

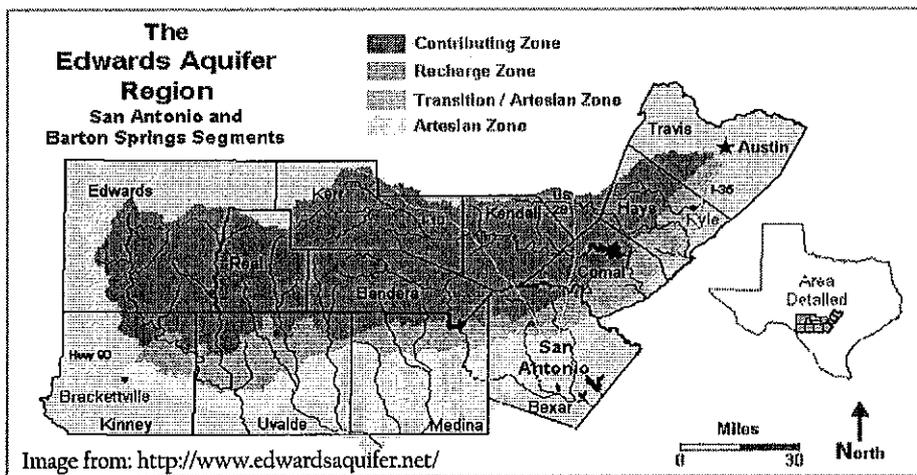
Leibowitz

### *Bill Summary*

H.B. 595 prohibits the Texas Commission on Environmental Quality (TCEQ) from authorizing the discharge of domestic sewage effluent into any water in the contributing or recharge zones of the San Antonio or Barton Springs segments of the Edwards Aquifer.

### Recharging the Edwards Aquifer

The Edwards Aquifer, the primary source of drinking water for almost 2 million Texans, is recharged through rainfall and runoff that enter the aquifer through fractures, caves, sinkholes, and streams within the contributing and recharge zones of the aquifer. Most of the water that recharges the aquifer enters via streams that originate in the contributing zone and subsequently cross the recharge zone (i.e., the Nueces, Frio, Sabinal, Medina, Guadalupe and Blanco Rivers, and the Hondo, Cibolo, Barton, Onion, and San Geronimo Creeks, etc.).



### A High Risk Practice To Be Avoided

In December 2008, TCEQ approved a permit for wastewater discharge in Hays County that allowed discharge of treated effluent from the Belterra subdivision into Bear Creek, a tributary of Onion Creek that recharges the Barton Spring segment of the Edwards Aquifer. Currently, Baruch Properties' pending application for the Hills of Castle Rock subdivision proposes to release treated effluent into the San Geronimo Creek, a prolific Edwards Aquifer Recharge Creek.

Effluent discharged directly into creeks and waterways that recharge the Edwards enters the Aquifer unfiltered through fractures and sink-holes within the creek beds. Consensus among scientists is that this practice results in eutrophication – an excess of nutrients (such as phosphorus) that end up in creeks, and eventually in groundwater, producing an increase of microorganisms and algae and a depression of oxygen. Such an outcome would be disastrous for the Edwards Aquifer – and the millions of Texans who depend on it for their water. Additionally, the U.S. Environmental Protection Agency



and the U.S. Geological Survey have both acknowledged an increasing presence of pharmaceutical chemicals that have not historically been considered as contaminants in treated water. These emerging contaminants may be toxic or carcinogenic for people at very low concentrations. They are not removed during the water treatment process. Emerging contaminants will be present in the treated effluent that TCEQ has allowed to be directly recharged into the Aquifer.

### **Land Application: The Better Alternative**

Developments located on the contributing or recharge zones of the Aquifer typically apply for a Texas Land Application Permit (TLAP), which allows them to dispose of treated effluent by land application (surface irrigation, evaporation, drain fields, or subsurface land application), rather than directly into recharge waterways. Treated effluent discharged onto land goes through a natural filtration process by being used in vegetation and percolating through large volumes of soil, under specific regulation by TCEQ. Appropriate application removes most of the dangerous chemicals before they reach our drinking water supply. Water that recharges the Aquifer this way is of much better (and safer) quality. Almost all subdivisions within the Hill Country have successfully employed this method of wastewater treatment.

### **Protect Aquifer Water Quality**

Prohibiting discharge of effluent into contributing zone waterways will help to ensure that the quality of water that Central Texans drink and use every day stays as pristine as possible. This bill encourages growth and development that does not unnecessarily harm the most prolific natural resource of Central Texas: the Edwards Aquifer.

## Emerging Contaminants

### What Are They?

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Research is documenting with increasing frequency that many **chemical and microbial constituents that have not historically been considered as contaminants** are present in the environment on a global scale. Emerging contaminants (sometimes called “Organic Wastewater Contaminants” [OWCs] or “Pharmaceuticals and Personal Care Products as Pollutants” [PPCPs]) can originate from a variety of animal- and human-waste sources, including municipal, agricultural, and industrial wastewater pathways. These pathways to the environment range from rapid and direct discharges of effluent into a water body to the slow leaching of stored waste through soils. These newly recognized contaminants represent a shift in traditional thinking, as many are produced industrially yet are dispersed to the environment from domestic, commercial, and industrial uses<sup>1,2</sup>.

### Common sources of emerging contaminants include<sup>3</sup>:

- Human activity (bathing, shaving, swimming, ingested chemicals and pharmaceuticals, etc.)
- Veterinary drug use, especially antibiotics and steroids
- Residues from hospitals

### Are They Harmful?

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Much is yet to be known about the potential toxicological effects of many emerging contaminants. Due to the contaminants’ low concentrations, acute effects appear limited. **However, more subtle, chronic effects from low-level environmental exposure over time are of much greater concern.** Further, little is known about the potential interactive effects (synergistic or antagonistic toxicity) that may occur from complex mixtures of these compounds in the environment<sup>4</sup>.

Despite growing concerns about the effects of emerging contaminants, the federal government does not require testing for these compounds, and it has not set safety limits for these newly recognized contaminants in water. At present, no municipal sewage treatment plants are engineered specifically for the removal of these compounds or for any other unregulated contaminants<sup>5</sup>.

For this reason, the Greater Edwards Aquifer Alliance is calling on our State Elected Officials to pass HB 595, which would prohibit discharge of treated sewage effluent into waterways that recharge the Edwards Aquifer.

### Want More Information?

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Visit the United States Geological Survey’s “Toxic Substances Hydrology Program” homepage at <http://toxics.usgs.gov/regional/emc> or go to the Environmental Protection Agency’s fact sheet at <http://www.epa.gov/ppcp/faq.html#Insimpleterms>.

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<sup>1</sup> <http://toxics.usgs.gov/regional/emc/>

<sup>2</sup> <http://www.epa.gov/ppcp/faq.html#Insimpleterms>

<sup>3</sup> <http://www.epa.gov/ppcp/faq.html#Insimpleterms>

<sup>4</sup> Kolpin, D.W., Furlong, E.T., Meyer, M.T., Thurman, E.M., Zaugg, S.D., Barber, L.B., and Buxton, H.T., 2002, Pharmaceuticals, hormones, and other organic wastewater contaminants in U.S. streams, 1999- 2000: A national reconnaissance: *Environmental Science & Technology*, v. 36, no. 6, p. 1202-1211.

<sup>5</sup> <http://www.epa.gov/ppcp/faq.html#Insimpleterms>



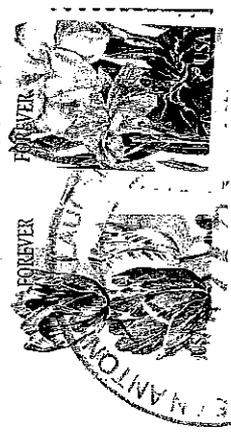
**GEAA**  
Greater  
Edwards  
Aquifer  
Alliance  
P.O. Box 15618, San Antonio, Texas 78212

**RECEIVED**

MAY 02 2016

TCEQ MAIL CENTER  
MM

Bridge Bohac  
Chief Clerk  
Texas Commission on Environmental Quality  
MC 105  
P.O. Box 13087, Austin, Texas 78711-3087



TEXAS  
COMMISSION  
ON ENVIRONMENTAL  
QUALITY  
MAY -2 PM 2:37  
CHIEF CLERKS OFFICE

7871133087 8012

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Friday, April 29, 2016 11:06 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: GEAA Hearing Request Regarding Draft Permit No. WQ0015095001  
**Attachments:** GEAARequestContested4SRanchPermit4-29-2016.pdf

MWD  
94933

H

**From:** Bridget C. Bohac  
**Sent:** Friday, April 29, 2016 10:58 AM  
**To:** PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>  
**Subject:** FW: GEAA Hearing Request Regarding Draft Permit No. WQ0015095001

**From:** Annalisa Peace [<mailto:annalisa@aquiferalliance.org>]  
**Sent:** Thursday, April 28, 2016 5:54 PM  
**To:** Bridget C. Bohac <[Bridget.C.Bohac@tceq.texas.gov](mailto:Bridget.C.Bohac@tceq.texas.gov)>  
**Subject:** GEAA Hearing Request Regarding Draft Permit No. WQ0015095001

Dear Ms. Bohac,

Attached is a request on behalf of the Greater Edwards Aquifer Alliance for a hearing regarding Draft Permit No. WQ0015095001. If you have any questions or require additional information, please contact me at your convenience.

Thank you for the opportunity to submit this request.

Respectfully,

Annalisa Peace  
Executive Director  
Greater Edwards Aquifer Alliance  
210-320-6294  
[www.AquiferAlliance.org](http://www.AquiferAlliance.org)

Check out GEAA's [Facebook Page](#)

MWD



**Member Organizations**

- Alamo, Austin, and Lone Star chapters of the Sierra Club
- Aquifer Guardians in Urban Areas
- Bexar Audubon Society
- Bexar Green Party
- Boerne Together
- Cibolo Nature Center
- Citizens Allied for Smart Expansion
- Citizens for the Protection of Cibolo Creek
- Environment Texas
- First Universalist Unitarian Church of San Antonio
- Friends of Canyon Lake
- Friends of Dry Comal Creek
- Friends of Government Canyon
- Fuerza Unida
- Green Party of Austin
- Headwaters at Incarnate Word
- Hays Community Action Network
- Helotes Heritage Association
- Helotes Nature Center
- Hill Country Planning Association
- Guadalupe River Road Alliance
- Guardians of Lick Creek
- Kendall County Well Owners Association
- Kinney County Ground Zero
- Leon Springs Business Association
- Medina County Environmental Action Association
- Native Plant Society of Texas – SA
- Northwest Interstate Coalition of Neighborhoods
- Preserve Castroville
- Preserve Lake Dunlop Association
- San Antonio Audubon Society
- San Antonio Conservation Society
- San Geronimo Nature Center
- San Geronimo Valley Alliance
- San Marcos Greenbelt Alliance
- San Marcos River Foundation
- Save Barton Creek Association
- Save Our Springs Alliance
- Scenic Loop/Boerne Stage Alliance
- Securing a Future Environment
- SEED Coalition
- Solar San Antonio
- Sisters of the Divine Providence
- Travis County Green Party
- West Texas Springs Alliance
- Water Aid – Texas State University
- Wildlife Rescue & Rehabilitation
- Wimberley Valley Watershed Association

PO Box 15618  
 San Antonio, Texas 78212  
 210-320-6294  
[www.AquiferAlliance.org](http://www.AquiferAlliance.org)

April 27, 2016

Bridge Bohac  
 Chief Clerk  
 Texas Commission on Environmental Quality  
 MC 105  
 P.O. Box 13087, Austin, Texas 78711-3087

Re: Hearing Request Regarding Draft Permit No. WQ0015095001,  
 Proposed for Issuance to 633-4S-Ranch, Ltd., and Stahl Lane, Ltd.

Ms. Bohac:

On behalf of the fifty-one member organizations and individual members of the Greater Edwards Aquifer Alliance (GEAA), I am submitting this request for a contested case hearing with regard to the above-referenced Application. Several comments were previously submitted with regard to the application, including comments submitted by GEAA on behalf of our members who live in this area. The Draft Permit issued by the Executive Director does not resolve of the concerns expressed in those comments. The Greater Edwards Aquifer Alliance may be contacted at 210-320-6294 or by fax 210-320-8518.

**I. GEAA is an "Affected Person"**

GEAA submits this request as representing our members in this area and all those who rely on groundwater from the Edwards and Trinity aquifer formations, is an "affected person", as that term is defined in the TCEQ regulations. The Greater Edwards Aquifer Alliance is a non-profit organization dedicated to protecting and preserving the Edwards and Trinity aquifers, their springs and watersheds, and the Texas Hill Country. Our purpose includes protection of the health and safety of the residents and landowners in the greater Bulverde area, including residents and property owners in the Oak Village North and Twin Creeks subdivisions adjacent to the proposed wastewater treatment plant property. To this end, GEAA is dedicated to preservation of water quality of the Edwards and Trinity aquifers, and watershed contributing recharge to these highly vulnerable karst formations. In order to implement these goals, GEAA seeks to pursue these purposes through education and participation in administrative proceedings. Additionally, GEAA has individual members that would have standing as "affected persons" in their own right.

**II. GEAA Seeks a Hearing on Several Issues Raised During the Comment Period**

We believe the Application should be denied in light of several remaining deficiencies. The Executive Director's Response to Comments did not

resolve the concerns of GEAA related to these issues. Accordingly, GEAA seeks a contested case hearing on the disputed issues identified in this section.

A. The Draft Permit Has Not Been Shown To Be Adequately Protective of Groundwater

GEAA is primarily concerned about the approval of this permit and related development because we believe it will have a negative impact on water quality; we request a contested case hearing with regard to whether the draft permit is sufficiently protective of groundwater. The wastewater project for which the applicant has been granted this permit is located too close to the Edwards Aquifer Recharge Zone (EARZ). It is located on the Edwards Aquifer Contributing Zone within the three miles of the Edwards Aquifer Contributing Zone contiguous to the Recharge Zone – within an area afforded protection equal to the EARZ by the Edwards Aquifer Authority in their regulations on Hazardous Materials. The Edwards Aquifer Authority recognizes that boundaries of the Recharge Zone are often arbitrary, and often do not reflect geology. Studies currently being conducted by Southwest Research Institute for the Edwards Aquifer Authority indicate that the Contributing Zone of the Edwards Aquifer, especially areas within the Glenrose formations of the Trinity Aquifer, may be far more significant in terms of recharge to the Edwards than was previously believed.

Our understanding is that recharge features are to be found within the area impacted by the permit. According to a study performed by the Texas Speleological Society for the City of Bulverde (Attachment 1) several caves, some containing endangered species, could potentially be impacted by direct discharge of sewage effluent into Lewis Creek. The applicant should be required to hire a consultant to conduct a professional survey for cave or recharge features on the proposed site and the results reported to TCEQ. The wastewater permit writers at TCEQ should subsequently evaluate the results of such a study and evaluate the propriety of siting a wastewater plant and route for the direct discharge of effluent at this location.

We are concerned not only about the treated wastewater discharged from the plant, but also with regard to the untreated or partially treated wastewater stored within the wastewater treatment plant units. During the Labor Day flood of 2015, we witnessed overflow of a similar plant located at the Johnson Ranch subdivision. Furthermore, the facility and the proposed discharge have the potential to adversely impact the Trinity Aquifer in addition to the Edwards Aquifer. These impacts are particularly troubling given the reliance of nearby communities upon groundwater wells as their source of water for drinking water purposes, and other domestic purposes.

B. The Draft Permit Has Not Been Shown to be Adequately Protective of Surface Water

GEAA also seeks a hearing with regard to whether the draft permit is adequately protective of surface water. The draft permit will result in the discharge of contaminants including, without limitation, bacteria, nutrients, emerging (anthropogenic) contaminants, and oxygen-demanding constituents. The immediate receiving water is particularly sensitive to eutrophication as a result of the added nutrients, and Upper Cibolo Creek is impaired for bacteria and chlorides. Among other concerns, it has not been demonstrated that the immediate receiving waters will not be impaired for nutrients and dissolved oxygen as a result of the discharge. Furthermore, it has not been demonstrated that the discharge will not contribute to the impairment of Upper Cibolo Creek for bacteria.

This is particularly of concern given other existing discharges in the area, which should have been considered in a proper Tier 2 anti-degradation analysis. Cumulative impacts to Cibolo Creek, which is a significant Edwards Aquifer Recharge feature, should be considered when permitting discharge of effluent into tributaries of Cibolo Creek. According to our research (Attachment 2), existing Waste Water Discharge permits indicate that 1,530,000 gallons per day are discharged into Cibolo Creek where it passes through Comal County. Additional permits, including that of 4S Ranch and Meyers Ranch, will further increase the amount of effluent that is not treated to drinking water standards flowing into Cibolo Creek and entering the Edwards Aquifer through the extremely porous limestone creek bed.

C. The Draft Permit Has Not Been Shown to Ensure Compliance With the Location Restrictions Set Forth in Subchapter B of Chapter 309 of the TCEQ Rules.

GEAA further seeks a hearing with regard to whether the draft permit ensures compliance with the requirements of the Location Standards set forth in the TCEQ regulations. The location of the plant fails to minimize the possible contamination of surface water and groundwater.

According to our review of the Lewis Creek Drainage Study<sup>1</sup> and comparison with reports from rain events during 2015, we surmise that, as the amount of impervious cover within the study area increases, floodplain maps rapidly become inaccurate and outdated. Many residences within the study area that are not located in the floodplain are repeatedly being flooded. We do not believe that the wastewater treatment plant is sufficiently outside the floodplain and protected from flooding.

Additionally, the plant is located over the recharge area of a major aquifer without the necessary showing of a sufficient containment structure design. Moreover, the plant has not been shown to be adequately protective with regard to the production and spread of nuisance odors.

D. The Design of the Wastewater Treatment Plant Has Not Been Shown to be Sufficient.

GEAA seeks a hearing with regard to whether the design of the facility meets all applicable requirements. Particularly in light of the sensitive nature of the area where the facility will be located, sufficient measures have not been included to prevent and address the potential for the release of untreated wastewater, or partially treated wastewater. Furthermore, the conditions of the permit do not ensure use of the proper technology in light of the technology available, the quality of the receiving waters, and the sensitivity of the area.

The TCEQ has designated the Edwards Aquifer as the major aquifer in the state most vulnerable to pollution since the surface and subsurface environments are highly interconnected in karst areas and the physical nature of these terrains allows pollution to travel great distances quickly and with little to no filtration. Actions of individuals on the surface are directly correlated to groundwater quality.

Passage of SB 921<sup>2</sup> during the 84<sup>th</sup> Legislative session exempted wastewater treatment facilities from requirements to immediately report spills of 1,000 gallons or less. We are concerned that

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<sup>1</sup> "Flood Insurance Rate Map." *Lewis Creek Drainage Study*. N.p., n.d. Web. 10 Nov. 2015. <http://bulverdetx.gov/245/Lewis-Creek-Drainage-Study>

<sup>2</sup> <http://www.legis.state.tx.us/BillLookup/Text.aspx?LegSess=84R&Bill=SB912>

spills in volumes exempted from reporting requirements could have a negative impact on nearby wells and well owners would not be properly notified in the event of a spill.

E. The Permit Has Not Been Shown to be Adequately Protective of Human Health and Safety.

GEAA seeks a hearing with regard to whether the draft permit is adequately protective of human health and safety. The proposed discharge will result in the release of contaminants in an area where they will quickly move into groundwater relied upon as a source of drinking water by many people in the area. Furthermore, given the flooding conditions in the area, it is likely that contaminants in the wastewater will be deposited onto area properties when the receiving waters rise under flood conditions.

Emerging contaminants, which are not typically removed in wastewater treatment processes, are a matter of concern. On-going monitoring by the Edwards Aquifer Authority indicate that emerging contaminants (pharmaceuticals and personal care products) are being detected on a regular basis in the flows from Comal and Hueco springs (Attachment 3). This indicates that wastewater effluent is already having a negative impact on water quality of the Edwards Aquifer.

In the context of the thin soils, numerous springs, and sensitive Texas Hill Country streams, rivers, and aquifers, any wastewater effluent system represents a threat of permanent and significant degradation. Only by soundly based and strictly enforced regulations can we balance the provision of wastewater infrastructure to suburban residences with protection of the natural streams and springs.

F. The Draft Permit Has Not Been Shown to be Adequately Protective of the Use and Enjoyment of Property.

GEAA seeks a hearing with regard to whether the draft permit is adequately protective of the use and enjoyment of property. As noted, the draft permit will authorize the discharge of contaminants that will flow onto the property of others, and that will be deposited on the property of others particularly as a result of storm and flooding events.

According to the expert testimony of Dr. Lauren Ross<sup>3</sup>, as presented in the Johnson Ranch case, virtually all of the ammonia-nitrogen in wastewater is oxidized to nitrate in the aerated activated sludge treatment process. Therefore, the proposed discharge will contribute an amount of nitrate that will cause adverse impacts to the downstream channel. Because the nitrate concentrations "would likely range from 10 to 30 milligrams per liter," Dr. Ross determined the effluent nitrate concentration would be 1,500 times greater than the average nitrate concentrations measured in Texas Hill Country streams. Dr. Ross concluded that this nutrient loading will "include significant increases in the amount of vegetation, the occurrence of algae growth and blooms, and a loss of the very clear, high-quality water which would currently be present in the stream during times of flow."

As Dr. Ross explained, the nutrient loading would degrade the dissolved oxygen and create murky water, stimulate microbial activity, which may be harmful to human health, and produce anoxic dissolved oxygen concentrations during nighttime algae respiration. Under resulting

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<sup>3</sup> <http://www.aquiferalliance.net/wp-content/uploads/2014/01/PROPOSAL-FOR-DECISION-3-9-151.pdf> - page 26

anoxic conditions, bacteria will reduce sulfate, producing black muck and a "rotten egg" odor associated with eutrophic water bodies. Further, vegetation will impede access to the clean and open channel bottom where decaying vegetation, decomposing algae, and anoxic dissolved oxygen concentrations may lead to unpleasant odors and migration of metal ions that would otherwise remain bound to sediments.

G. A Sufficient Need for the Facility has not been Demonstrated.

GEAA further seeks a hearing with regard to whether a sufficient need has been demonstrated for the facility. The Applicant has an existing land application permit that sufficiently provides wastewater service to the service area of the proposed treatment plant, and the availability of alternate service options has not been adequately addressed.

By approving the amendment to the original land application permit, you are allowing the neighboring subdivision to relegate sewage infrastructure on to property that they do not own. In essence, you are giving them the right to dump their refuse on to the property of their neighbor, thereby depriving the neighboring property owners of the full use and enjoyment of their land while substantially devaluing their property.

It is not as if this TPDES permit is absolutely necessary for the health and safety of those residing in the 4S Ranch Subdivision. We believe that the subdivision simply seeks to convert their existing TLAP permit to a discharge permit in order to free up land currently planned for use for application of treated sewage from the subdivision so that they could build additional homes on this site.

It appears to us that property rights are being apportioned without regard to the true meaning of this standard. In making the decision to grant this amendment to the TLAP in this matter, TCEQ seems to be recognizing a very tenuous right of the developer over the over the solid rights of the downstream property owners on both sides of Lewis Creek to enjoy their property free from incursion, and negative impacts, of sewage effluent.

H. The Draft Permit Has Not Been Shown to Include Sufficient Monitoring Requirements.

GEAA seeks a hearing with regard to whether the monitoring requirements of the draft permit are sufficient. The surface water and groundwater in the area of the facility are particularly sensitive to contamination, and, as noted, a number of people rely on groundwater in the area as a source of drinking water. Under these circumstances, it is imperative that any problem be detected and addressed in a timely manner to minimize the risks to human health and the environment. The monitoring required by the draft permit does not accomplish this, and has not been shown to meet the requirements of the TCEQ rules.

Conclusion

Because urban development occurs (and degrades water quality) in increments on a project-by-project basis, and often without context, we are concerned that the TCEQ is issuing permits without examining what the cumulative impacts of these permits will mean for those who rely on Edwards and Trinity wells within this area, on flows from Comal and Hueco springs, and for the future of our region in terms of reliance on the Edwards Aquifer as a high quality water supply. The effects of high density development within this extremely vulnerable karst landscape are not limited to destruction of rural lands, wildlife habitats, and pristine Hill Country

streams and springs. They include severe financial and social costs as well, some of which we are only beginning to understand.

For these reasons, GEAA seeks a contested case hearing with regard to the Application by 633-4S-Ranch, Ltd., and Stahl Lane, Ltd. for TPDES Permit No. WQ0015095001 with regard to the issues identified within this request.

Thank you for the opportunity submit this request.

Respectfully,

A handwritten signature in black ink, appearing to read "Annalisa Peace". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Annalisa Peace  
Executive Director  
Greater Edwards Aquifer Alliance

Attachment 1

Subject: TSS Bulverde data request  
Date: Sat, 22 Oct 2005 12:19:29 -0500  
From: George Veni <[gveni@satx.rr.com](mailto:gveni@satx.rr.com)>  
Organization: George Veni & Associates  
To: [csparks@bulverdecity.com](mailto:csparks@bulverdecity.com)  
CC: "William H. Russell" <[whrussell@gmail.com](mailto:whrussell@gmail.com)>, Orion Knox  
<[Orion-Knox@alumni.utexas.net](mailto:Orion-Knox@alumni.utexas.net)>

Dear Chance,

The Texas Speleological Survey (TSS) has approved your data request on behalf of the City of Bulverde for information on caves and karst features in the Oak Village North Subdivision. The TSS has information on six caves and two karst features in the study area. Attached are three files on those features in response to your request. The first is a location map of the reported caves and karst features. The second is an Excel spreadsheet with specific information about them. The third is an invoice for services. It is critical for you to be aware that none of the features have been located by GPS and the locations are approximate at best. Based on recent trips into the area by various people, TSS is confident that the locations for Ebert Cave (COM035), Falling Shadows Sink (COMF060), and Kappelman Salamander Cave (COM058) are fairly accurate. The accuracy of the remaining locations is unknown and they are based on rough sketches when the property was ranch and/or newly developed. Two of the caves, Flatrock Chasm (COM041) and Kappelman's Unnamed Cave (COM060) have locations that plot outside of Oak Village North, but because of the uncertainty about their locations they may in fact be within the city limits. It is also possible that both of these are the same cave, but listed as different caves by people who discovered them about 20 years apart. The "uncertainty" column in the Excel file lists the estimated precision of the GPS coordinates provided in the spreadsheet.

Other information in the file includes the owners' names, which are certainly well out of date, and any known significance for the caves. A "FALSE" entry may not mean there is no significance within a particular category, but only that nothing is yet known. Two caves are known to contain species of salamander that are on the Texas list of threatened species and are marked "TRUE" under the columns for biological significance. Ebert Cave is the only known cave to capture significant quantities of water. Per your agreement to receive this information, TSS will greatly appreciate whatever updates, corrections, and new information you can provide.

On Monday morning I will mail you copies of maps and printed information that are not digitally available.

If you have questions, I will be out most of this week but will be glad to reply the following week.

Cordially,

George Veni

TSS President and Comal County Data Manager

\*\*\*\*\*

George Veni, Ph.D.

George Veni and Associates

11304 Candle Park

San Antonio, Texas 78249-4421

[210-558-4403](tel:210-558-4403)

[413-383-2276](tel:413-383-2276) (fax)

[gveni@satx.rr.com](mailto:gveni@satx.rr.com)

Texas Professional Geoscientist License #682



Prompted\_County\_All\_Data

Name	Other name	ID	County	Cave	Sink	Shelter	Spring	Rumored
Falling Shadows Sink		COMF60	Comal	FALSE	TRUE	FALSE	FALSE	FALSE
Kappelman Uncave		COMF52	Comal	FALSE	TRUE	FALSE	FALSE	FALSE
Ebert Cave	Ebert's Cav	COM035	Comal	TRUE	FALSE	FALSE	FALSE	FALSE
Flatrock Chasm		COM041	Comal	TRUE	FALSE	FALSE	FALSE	FALSE
Kappelman Cave		COM057	Comal	TRUE	FALSE	FALSE	FALSE	FALSE
Kappelman Salamand		COM058	Comal	TRUE	FALSE	FALSE	FALSE	FALSE
Kappelman Trash Cav		COM059	Comal	TRUE	FALSE	FALSE	FALSE	FALSE
Kappelman's Unname		COM060	Comal	TRUE	TRUE	FALSE	FALSE	FALSE

Prompted\_County\_All\_Data

Carbonate	Gypsum	Granite	Sediments	Volcanic	Owner	Area	Quad	Zone
TRUE	FALSE	FALSE	FALSE	FALSE		Bulverde	Anhalt	14
TRUE	FALSE	FALSE	FALSE	FALSE		Cibolo Cre	Anhalt	14
TRUE	FALSE	FALSE	FALSE	FALSE	August Eb	Bulverde	Anhalt	14
TRUE	FALSE	FALSE	FALSE	FALSE		Bulverde	Anhalt	14
TRUE	FALSE	FALSE	FALSE	FALSE	Arno Kapp	Bulverde	Anhalt	14
TRUE	FALSE	FALSE	FALSE	FALSE	Arno Kapp	Bulverde	Anhalt	14
TRUE	FALSE	FALSE	FALSE	FALSE	Arno Kapp	Bulverde	Anhalt	14
TRUE	FALSE	FALSE	FALSE	FALSE		Bulverde	Anhalt	14

Prompted\_County\_All\_Data

Zone	Letter	East	North	Datum	Latitude	Longitude	Coordinate	Uncertainty	Location
R		558490	3292160	NAD27			George Ve	20	On the wes
R		557720	3291760	NAD27	29.75637	-98.403	George Ve	100	
R		558760	3291250	NAD27	29.75172	-98.3923	A. Richard	50	
R		558050	3292185	NAD27	29.76019	-98.3996	Randy Wat	200	
R		558235	3292065	NAD27	29.7591	-98.3977	A. Richard	50	
R		558460	3292240	NAD27	29.76067	-98.3953	USGS Top	50	
R		557735	3291755	NAD27	29.75633	-98.4029	George Ve	100	
R		558260	3292240	NAD27	29.76068	-98.3974	George Ve	100	

Prompted\_County\_All\_Data

Units	Explen-Tru	Expdep	Survlen-Tru	Survdep	Entrances	Aesthetic	Archaeolog	Bad Air
m	1	1			1	FALSE	FALSE	FALSE
m	1	2			1	FALSE	FALSE	FALSE
m	141	13.7	141	13.7	1	FALSE	FALSE	FALSE
m	24.3	25			1	FALSE	FALSE	FALSE
m	29.9	12.2			1	FALSE	FALSE	FALSE
m	15.2	15.2			1	FALSE	FALSE	FALSE
m	9	1.5			2	FALSE	FALSE	FALSE
m	3	9			1	FALSE	FALSE	FALSE

Prompted\_County\_All\_Data

Bats	Ex Bats	Biological	Geological	Historical	Hydrologic	Paleontolo	Preserve	Geology
FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	Glen Rose
FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	Glen Rose
FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	Glen Rose
FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	Glen Rose
FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	Glen Rose
FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	Glen Rose
FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	Glen Rose
FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	Glen Rose

Prompted\_County\_All\_Data

Synopsis	Need	Comments	More	Reported	Map	Surveyed
Sinkhole n	Excavation	The sinkhole was show		2004-04-02	FALSE	FALSE
Formation, upper member, Interval D biostron				1963-03-16	FALSE	TRUE
Formation, upper mem		Eurycea tridentifera Mi		1965-03-28	TRUE	TRUE
Formation, upper member, Interval D biostron				1985-04-28	FALSE	FALSE
Formation, upper mem		Plethodon albagula Gr		1963-03-16	FALSE	TRUE
Formation, upper mem		Eurycea tridentifera Mi		1964-03-15	FALSE	TRUE
Formation, upper member, Interval D biostron				1964-04	FALSE	FALSE
Formation, upper member, Interval D biostron				1963-03-16	FALSE	FALSE

Attachment 2 – Current Permit Applications for Effluent Discharge Received by Cibolo Creek

Name	Stream Segment	Daily Average Flow	Cubic Feet per Second
45 Ranch WWTP	1908, Lewis Creek	480,000	0.74281
Bulverde 46 Water Recycling Center	1908, Upper Cibolo	60,000	0.09283
C. D. Reed WWTP	1908, Upper Cibolo	180,000	0.2783
Cibolo Valley WWTP	1908, Upper Cibolo Creek	500,000	0.7736
CISD Smallbone Valley High School	1908, Dripping Springs Creek	27,000	0.04178
Johnson Ranch WWTP	1908, Upper Cibolo Creek	75,000	0.116
Park Village WWTP	1908, Upper Cibolo Creek	195,000	0.3017
Spring Branch Middle School	1908, Upper Cibolo Creek	13,000	0.02011

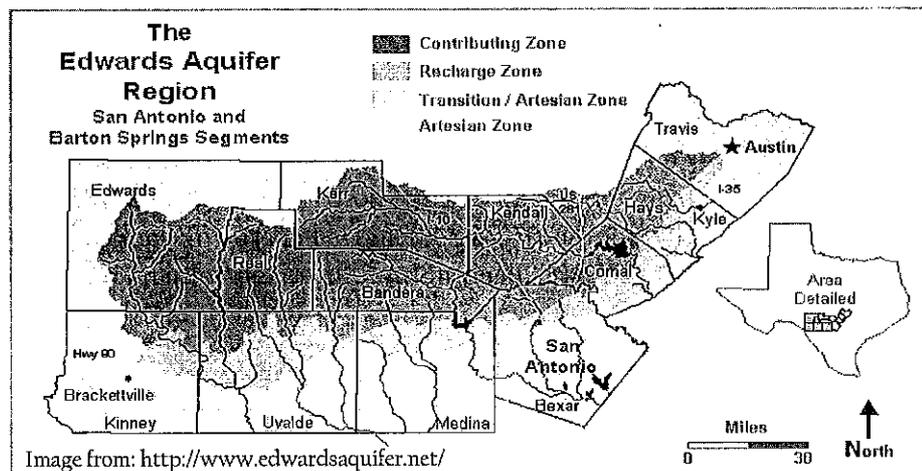
Name	Address	County	Waste Type	TCEQ ID Number	Permit	Status	Stream Segment	Daily Average Flow (gpd)
45 RANCH WWTP	10001 FM 1483 CROSS OF JOHNSON VALLEY RD & FM 1483	COMAL	WASTEWATER	WQ001508500 1	PERMIT	ACTIVE	1908, Lewis Creek	480,000
BULVERDE 46 WATER RECYCLING CENTER	1000 OLD KASERLE RD BULVERDE TX 71603 3265	COMAL	WASTEWATER	WQ001413100 1	PERMIT	ACTIVE	1908, Upper Cibolo	60,000
C. D. REED WWTP	1000 E ANNAH RD BULVERDE TX 78102 2019	COMAL	WASTEWATER	WQ001400300 1	PERMIT	ACTIVE	1908, Upper Cibolo	180,000
CIBOLO VALLEY WWTP	1000 EE OF 281 AND 1853	COMAL	WASTEWATER	WQ001498600 1	PERMIT	ACTIVE	1908, Upper Cibolo Creek	500,000
CISD SMALLBONE VALLEY HIGH SCHOOL	1001 HIGHWAY 46 W SPRING BRANCH TX 71053 7053	COMAL	WASTEWATER	WQ001423500 1	PERMIT	ACTIVE	1908, Dripping Springs Creek	27,000
JOHNSON RANCH WWTP	1000 FM 1069 BULVERDE TX 78163	COMAL	WASTEWATER	WQ001397500 1	PERMIT	ACTIVE	1908, Upper Cibolo Creek	75,000
PARK VILLAGE WWTP	APPROXIMATELY 5 000 FT CIRC SOUTH OF THE INTERSECTION	COMAL	WASTEWATER		PERMIT	ACTIVE		

*Bill Summary*

H.B. 595 prohibits the Texas Commission on Environmental Quality (TCEQ) from authorizing the discharge of domestic sewage effluent into any water in the contributing or recharge zones of the San Antonio or Barton Springs segments of the Edwards Aquifer.

### Recharging the Edwards Aquifer

The Edwards Aquifer, the primary source of drinking water for almost 2 million Texans, is recharged through rainfall and runoff that enter the aquifer through fractures, caves, sinkholes, and streams within the contributing and recharge zones of the aquifer. Most of the water that recharges the aquifer enters via streams that originate in the contributing zone and subsequently cross the recharge zone (i.e., the Nueces, Frio, Sabinal, Medina, Guadalupe and Blanco Rivers, and the Hondo, Cibolo, Barton, Onion, and San Geronimo Creeks, etc.).



### A High Risk Practice To Be Avoided

In December 2008, TCEQ approved a permit for wastewater discharge in Hays County that allowed discharge of treated effluent from the Belterra subdivision into Bear Creek, a tributary of Onion Creek that recharges the Barton Spring segment of the Edwards Aquifer. Currently, Baruch Properties' pending application for the Hills of Castle Rock subdivision proposes to release treated effluent into the San Geronimo Creek, a prolific Edwards Aquifer Recharge Creek.

Effluent discharged directly into creeks and waterways that recharge the Edwards enters the Aquifer unfiltered through fractures and sink-holes within the creek beds. Consensus among scientists is that this practice results in eutrophication – an excess of nutrients (such as phosphorus) that end up in creeks, and eventually in groundwater, producing an increase of microorganisms and algae and a depression of oxygen. Such an outcome would be disastrous for the Edwards Aquifer – and the millions of Texans who depend on it for their water. Additionally, the U.S. Environmental Protection Agency



and the U.S. Geological Survey have both acknowledged an increasing presence of pharmaceutical chemicals that have not historically been considered as contaminants in treated water. These emerging contaminants may be toxic or carcinogenic for people at very low concentrations. They are not removed during the water treatment process. Emerging contaminants will be present in the treated effluent that TCEQ has allowed to be directly recharged into the Aquifer.

### **Land Application: The Better Alternative**

Developments located on the contributing or recharge zones of the Aquifer typically apply for a Texas Land Application Permit (TLAP), which allows them to dispose of treated effluent by land application (surface irrigation, evaporation, drain fields, or subsurface land application), rather than directly into recharge waterways. Treated effluent discharged onto land goes through a natural filtration process by being used in vegetation and percolating through large volumes of soil, under specific regulation by TCEQ. Appropriate application removes most of the dangerous chemicals before they reach our drinking water supply. Water that recharges the Aquifer this way is of much better (and safer) quality. Almost all subdivisions within the Hill Country have successfully employed this method of wastewater treatment.

### **Protect Aquifer Water Quality**

Prohibiting discharge of effluent into contributing zone waterways will help to ensure that the quality of water that Central Texans drink and use every day stays as pristine as possible. This bill encourages growth and development that does not unnecessarily harm the most prolific natural resource of Central Texas: the Edwards Aquifer.

## Emerging Contaminants

### What Are They?

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Research is documenting with increasing frequency that many **chemical and microbial constituents that have not historically been considered as contaminants** are present in the environment on a global scale. Emerging contaminants (sometimes called “Organic Wastewater Contaminants” [OWCs] or “Pharmaceuticals and Personal Care Products as Pollutants” [PPCPs]) can originate from a variety of animal- and human-waste sources, including municipal, agricultural, and industrial wastewater pathways. These pathways to the environment range from rapid and direct discharges of effluent into a water body to the slow leaching of stored waste through soils. These newly recognized contaminants represent a shift in traditional thinking, as many are produced industrially yet are dispersed to the environment from domestic, commercial, and industrial uses<sup>1,2</sup>.

### Common sources of emerging contaminants include<sup>3</sup>:

- Human activity (bathing, shaving, swimming, ingested chemicals and pharmaceuticals, etc.)
- Veterinary drug use, especially antibiotics and steroids
- Residues from hospitals

### Are They Harmful?

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Much is yet to be known about the potential toxicological effects of many emerging contaminants. Due to the contaminants’ low concentrations, acute effects appear limited. **However, more subtle, chronic effects from low-level environmental exposure over time are of much greater concern.** Further, little is known about the potential interactive effects (synergistic or antagonistic toxicity) that may occur from complex mixtures of these compounds in the environment<sup>4</sup>.

Despite growing concerns about the effects of emerging contaminants, the federal government does not require testing for these compounds, and it has not set safety limits for these newly recognized contaminants in water. At present, no municipal sewage treatment plants are engineered specifically for the removal of these compounds or for any other unregulated contaminants<sup>5</sup>.

For this reason, the Greater Edwards Aquifer Alliance is calling on our State Elected Officials to pass HB 595, which would prohibit discharge of treated sewage effluent into waterways that recharge the Edwards Aquifer.

### Want More Information?

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Visit the United States Geological Survey’s “Toxic Substances Hydrology Program” homepage at <http://toxics.usgs.gov/regional/emc> or go to the Environmental Protection Agency’s fact sheet at <http://www.epa.gov/ppcp/faq.html#Insimpleterms> .

---

<sup>1</sup> <http://toxics.usgs.gov/regional/emc/>

<sup>2</sup> <http://www.epa.gov/ppcp/faq.html#Insimpleterms>

<sup>3</sup> <http://www.epa.gov/ppcp/faq.html#Insimpleterms>

<sup>4</sup> Kolpin, D.W., Furlong, E.T., Meyer, M.T., Thurman, E.M., Zaugg, S.D., Barber, L.B., and Buxton, H.T., 2002, Pharmaceuticals, hormones, and other organic wastewater contaminants in U.S. streams, 1999- 2000: A national reconnaissance: *Environmental Science & Technology*, v. 36, no. 6, p. 1202-1211.

<sup>5</sup> <http://www.epa.gov/ppcp/faq.html#Insimpleterms>

## Increased Urbanization in the Edwards Aquifer Recharge and Contributing zones is **Impairing Water Quality**

- Results of EAA well tests (2011 – 2012\*) detecting anthropogenic or **"emerging" contaminants** (pharmaceuticals and personal care products)

Analytic Method Chemical Name Result Unit MAY-68-28-2118/22/11 10:50 AMWS-LC-002217a-Estradiol 1.2ng/LAY-68-28-2118/22/11 10:50 AMWS-LC-0022Equilenin 3.8ng/MAY-68-28-2118/22/11 10:50 AMWS-LC-0022Estrone 6.9ng/MAY-68-28-2118/22/11 10:50 AME1694Triclocarban 2.9ng/MAY-68-28-2118/22/11 10:50 AME1694Tylosin 2.3ng/MAY-68-28-6088/18/11 10:30 AME1694Cotinine 1.7ng/MAY-68-28-6088/18/11 10:30 AME1694Cotinine 1.7ng/MAY-68-28-6088/18/11 10:30 AME1694Lincomycin 0.51ng/MAY-68-28-6088/18/11 10:30 AME1694Lincomycin 0.51ng/MAY-68-28-6088/18/11 10:30 AME1694Diltiazem 7.5ng/MAY-68-29-1128/18/11 1:35 PME1694Lincomycin 0.42ng/MAY-68-29-1121/11/12 11:05 AME1694Caffeine 53ng/MAY-68-29-1121/11/12 11:05 AMWS-LC-0022Estrone 1.6ng/MAY-68-29-1121/11/12 11:05 AME1694Lincomycin 0.31ng/MAY-68-29-1138/18/11 12:05 PME1694Lincomycin 0.31ng/MAY-68-29-1131/10/12 11:25 AMWS-LC-002217a-Estradiol 1.4ng/MAY-68-29-1131/10/12 11:25 AMWS-LC-002217b-Estradiol 1.5ng/MAY-68-29-1131/10/12 11:25 AME1694Caffeine 320ng/MAY-68-29-1131/10/12 11:25 AME1694Diltiazem 0.48ng/MAY-68-29-1131/10/12 11:25 AMWS-LC-0022Estrone 1.3ng/MAY-68-29-1131/10/12 11:25 AME1694Lincomycin 0.69ng/MAY-68-29-1131/10/12 11:25 AME1694Triclosan 17ng/MAY-68-29-1181/17/12 9:45 6/16/12 11:50 AME1694Triclosan 2662ng/IDX-68-15-901 Hico Springs 12/3/12 1:15 PME1694Estradiol 1.60ng/IDX-68-15-901 Hico Springs 12/3/12 1:15 PME1694Cotinine 4.85ng/IDX-68-15-901 Hico Springs 12/3/12 1:15 PME1694Diltiazem 0.705ng/IDX-68-29-301 Comal Springs 8/28/11 8:50 AMWS-LC-002217a-Estradiol 4.9ng/MDX-68-23-301 Comal Springs 8/23/11 8:50 AMWS-LC-002217b-Estradiol 7.0ng/IDX-68-29-301 Comal Springs 8/23/11 8:50 AMWS-LC-0022Estrone 5.5ng/ILR-67-09-101 Hotel Springs 8/23/11 11:50 AME1694Cotinine 4.73ng/ILR-67-09-101 Hotel Springs at Ear Martens 12/3/12 3:15 AME1694Diltiazem 0.451ng/ILR-67-09-101 12/14/12 12:00 AME1694Caffeine 250ng/ILR-67-09-101 12/14/12 12:00 AME1694Carbamazepine 15ng/ILR-67-09-101 12/14/12 12:00 AME1694Sulfamethoxazole 12ng/L

\* Includes results from test well near Cibola Nature Center

(Cotinine and diltiazem are antibiotics; Diltiazem is a blood pressure medication; Carbamazepine is an anti-epilepsy medication; Caffeine is a nicotine metabolite)

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, January 15, 2015 4:01 PM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [annalisa@aquiferalliance.org](mailto:annalisa@aquiferalliance.org) [mailto:[annalisa@aquiferalliance.org](mailto:annalisa@aquiferalliance.org)]  
**Sent:** Thursday, January 15, 2015 2:45 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MS Annalisa Peace

**E-MAIL:** [annalisa@aquiferalliance.org](mailto:annalisa@aquiferalliance.org)

**COMPANY:** Greater Edwards Aquifer Alliance

**ADDRESS:** PO BOX 15618  
SAN ANTONIO TX 78212-8818

**PHONE:** 2103206294

**FAX:** 2103208518

**COMMENTS:** This permit seeks a major amendment to the permit issued to the 4S Ranch to allow them to go from TLAP to TPDES and discharge their effluent into a tributary of the Cibolo Creek. The Greater Edwards Aquifer Alliance opposes direct discharge of effluent into waterways that recharge the Edwards Aquifer. Given that this permit has the potential to negatively impact the quality of the Edwards Aquifer waters and local Edwards wells, we request a public hearing on this permit prior to proceeding.

*MWD*

TCEQ Public Meeting Form  
November 19, 2015

#4

**633-4S Ranch, LTD. and Stahl Lane, Ltd.**  
**TPDES Permit for Municipal Wastewater**  
**TPDES Permit No. WQ0015095001**

PLEASE PRINT

Name: ANNA LISA PEACE

Mailing Address: 1809 BLANCO

Physical Address (if different): \_\_\_\_\_

City/State: SA, TX Zip: 78212

**\*\*This information is subject to public disclosure under the Texas Public Information Act\*\***

Email: \_\_\_\_\_

Phone Number: \_\_\_\_\_

• Are you here today representing a municipality, legislator, agency, or group?  Yes  No  
If yes, which one? \_\_\_\_\_

Please add me to the mailing list.

I wish to provide formal *ORAL COMMENTS* at tonight's public meeting. ✓

I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting. ✓

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

ms

I am speaking on behalf of the Greater Edwards Aquifer Alliance.

AT PUBLIC MEETING

The United Nations has designated November 19th World Toilet Day. GEAA is celebrating by meeting with you all to protest this discharge permit for a new sewage treatment plant that will treat 460,000 gallons per day to be discharged just north of the confluence of Dripping Springs and Lewis creeks, which flow into the nearby Cibolo Creek – a major source of recharge for the Edwards Aquifer.

This new treatment plant will serve the 4S Ranch subdivision just outside Bulverde that will put 1880 homes on 780 acres. Given that this subdivision will sit on the Edwards Aquifer Contributing Zone, very near the Recharge Zone, GEAA is available to work with you, the developer, and with local citizens to promote measures to mitigate negative impacts to the Aquifer.

Recharging the Edwards with sewage effluent that is not treated to drinking water standards will introduce emerging contaminants such as unmetabolized drugs and personal care products into our drinking water supply. Local wells will be at risk in the event of a sewage leak. The cumulative impacts of urban growth and new sewage infrastructure in this area will ultimately degrade the quality of our Edwards water.

We realize that sanitation is an important issue for the developing world. Likewise, appropriate, and inappropriate uses of sanitation infrastructure as it impacts the Edwards Aquifer has been a major focus of GEAA's resources of late. Local municipalities and folks in the unincorporated area really need the State of Texas to act on their behalf by addressing these issues on a permit by permit basis. Because Edwards water is not pretreated prior to use and distribution, we must be ever mindful of ensuring that water that recharges the Aquifer is clean and high quality.

We anticipate that the TPDES permit is being submitted for your approval for the purpose of implementing water and sewage infrastructure to allow high density development of this site. Such development is inconsistent with current land use patterns in this unincorporated area. It is also inconsistent with impervious cover limits of 8% to 15% recommended by karst scientists to protect water quality on the Edwards Aquifer Recharge Zone and nearby Contributing Zone. GEAA is particularly concerned about the cumulative impact that multiple high density developments in this area will have on the quality of water recharging the aquifer to supply local wells and the Comal Springs.

Handwritten initials: MM

Besides our concerns about the impact of high density housing on the Edwards Aquifer Recharge and Contributing Zones, we are concerned about the impacts of unplanned growth on this community. Approval of this and other high density developments in the area will most likely require a suite of expensive drainage, transportation, and other infrastructure projects in the near future.

Citizens rely on you to work with them to protect their property, their water resources, and their investment in this community. We urge you to deny approval of the amendment to the 4S Ranch Water Quality Permit.

Thank you for this opportunity to speak.

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Tuesday, September 08, 2015 8:30 AM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

PM

**From:** [annalisa@aquiferalliance.org](mailto:annalisa@aquiferalliance.org) [<mailto:annalisa@aquiferalliance.org>]  
**Sent:** Friday, September 04, 2015 4:29 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*mwd  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MS Annalisa Peace

**E-MAIL:** [annalisa@aquiferalliance.org](mailto:annalisa@aquiferalliance.org)

**COMPANY:** Greater Edwards Aquifer Alliance

**ADDRESS:** PO BOX 15618  
SAN ANTONIO TX 78212-8818

**PHONE:** 2103206294

**FAX:**

**COMMENTS:** The 51 member organizations of the Greater Edwards Aquifer Alliance oppose the 4S Ranch application for a major amendment to its wastewater permit. This development intends to discharge 480,000 gallons of wastewater per day into Lewis Creek, directly north of Oak Village North Subdivision. There are many homes in the area which will be negatively impacted by drainage issues. We are also concerned about the potential impacts on our groundwater resources. We request that a public meeting be held to allow the

*mwd*

community to express their concerns about how this permit amendment might impact their use and enjoyment of their properties, and to examine potential impacts on ground and surface water resources. Thank you for the opportunity to submit these comments.

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, January 22, 2015 8:10 AM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** sararanzau@gmail.com [mailto:sararanzau@gmail.com]  
**Sent:** Thursday, January 22, 2015 5:57 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTITY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Sara Ranzau

**E-MAIL:** [sararanzau@gmail.com](mailto:sararanzau@gmail.com)

**COMPANY:**

**ADDRESS:** 325 N PLANT AVE  
BOERNE TX 78006-1730

**PHONE:** 2104833209

**FAX:**

**COMMENTS:** "This permit seeks a major amendment to the permit issued to the 4S Ranch to allow them to go from TLAP to TPDES and discharge their effluent into a tributary of the Cibolo Creek. The Greater Edwards Aquifer Alliance opposes direct discharge of effluent into waterways that recharge the Edwards Aquifer. Given that this permit has the potential to negatively impact the quality of the Edwards Aquifer waters and local Edwards wells, we request a public hearing on this permit prior to proceeding."

*MWD*

#6

TCEQ Public Meeting Form  
November 19, 2015

**633-4S Ranch, LTD. and Stahl Lane, Ltd.**  
**TPDES Permit for Municipal Wastewater**  
**TPDES Permit No. WQ0015095001**

PLEASE PRINT

Name: Gary Rose

Mailing Address: 1620 Grand Ave Pkwy #140 Pflugerville 78660

Physical Address (if different): \_\_\_\_\_

City/State: Pflugerville, TX Zip: 78660

**\*\*This information is subject to public disclosure under the Texas Public Information Act\*\***

Email: grose@swwt.com ✓

Phone Number: 512-238-8316

• Are you here today representing a municipality, legislator, agency, or group?  Yes  No

If yes, which one? \_\_\_\_\_

Please add me to the mailing list. ✓

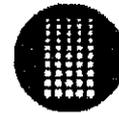
I wish to provide formal *ORAL COMMENTS* at tonight's public meeting. ✓

I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting. ✓

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

MC



**SouthWest  
Water Company**

SWWC Utilities, Inc.  
1620 Grand Avenue Parkway  
Suite 140  
Pflugerville, TX 78660  
Phone 512.531.6272  
Fax 512.252.8782  
www.swwc.com

**RECEIVED**  
H NOV 19 2015  
**AT PUBLIC MEETING**

November 19, 2015

Office of the Chief Clerk  
Texas Commission on Environmental Quality, MC-105  
PO Box 13087  
Austin, TX 78711-3087

Re: Formal Comment – SouthWest Water Company  
Proposed Major Amendment to TPDES Permit No. WQ001509001  
633-4S Ranch, Ltd. and Stahl Lane, Ltd. Wastewater Treatment Facility

To Whom It May Concern:

SouthWest Water Company owns and operates the Oak Village North water system, PWS ID# 0460037, located in Comal County. Oak Village North obtains, treats, and distributes groundwater from the Middle Trinity Aquifer. This groundwater is pumped from 8 wells located in the Lewis Creek watershed.

The Proposed Major Amendment to TPDES Permit No. WQ001509001 would convert the method of treated wastewater disposal from land application to surface water discharge at a daily average flow not to exceed 480,000 gallons per day. The current permit authorizes 180,000 gallons per day of treated wastewater via subsurface drip irrigation.

This amendment would allow treated domestic wastewater to be discharged into an unnamed tributary to Lewis Creek. Comal County is a known aquifer recharge zone. It is possible for this wastewater to directly influence the water quality of the Middle Trinity aquifer, the same aquifer the Oak Village North wells withdraw drinking water from downstream in the Lewis Creek watershed.

As the drinking water provider for the residents of Oak Village North, SouthWest Water Company requests the TCEQ hold a contested case hearing regarding the Amendment to Permit No. WQ001509001. SouthWest water believes it is in the best interest of the Lewis Creek watershed well owners, both private and public, to have the permit remain a subsurface drip irrigation disposal.

Sincerely,

Gary Rose  
Director of Operations  
SouthWest Water Company

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Tuesday, January 20, 2015 12:41 PM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [texas.wildflowers@yahoo.com](mailto:texas.wildflowers@yahoo.com) [mailto:[texas.wildflowers@yahoo.com](mailto:texas.wildflowers@yahoo.com)]  
**Sent:** Tuesday, January 20, 2015 11:10 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MISS Nancy Sandoval

**E-MAIL:** [texas.wildflowers@yahoo.com](mailto:texas.wildflowers@yahoo.com)

**COMPANY:**

**ADDRESS:** 1931 SILVER MTN  
SAN ANTONIO TX 78264-3730

**PHONE:** 2108442504

**FAX:**

**COMMENTS:** This permit seeks a major amendment to the permit issued to the 4S Ranch to allow them to go from TLAP to TPDES and discharge their effluent into a tributary of the Cibolo Creek. The Greater Edwards Aquifer Alliance opposes direct discharge of effluent into waterways that recharge the Edwards Aquifer. Given that this permit has the potential to negatively impact the quality of the Edwards Aquifer waters and local Edwards wells, we request a public hearing on this permit prior to proceeding.

*Crly*

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Thursday, November 19, 2015 8:41 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [kivull@msn.com](mailto:kivull@msn.com) [<mailto:kivull@msn.com>]  
**Sent:** Wednesday, November 18, 2015 6:50 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

MWD  
94933

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Emily Sauls

**E-MAIL:** [kivull@msn.com](mailto:kivull@msn.com)

**COMPANY:**

**ADDRESS:** 5374 FALLEN OAK DR  
BULVERDE TX 78163-2304

**PHONE:** 8304388314

**FAX:**

**COMMENTS:** I would like to request a Contested Case Hearing - WQ0015095001 I would also like to be placed on the mailing list I am concerned about the sanitation and the contamination of our drinking water in relation to the treatment facility plant proposal. Will the discharge into Lewis Creek make its way into the water company's wells that distribute drinking water to OVN residents? Our wells pump from the Lewis Creek watershed. So how will they be affected, particularly in the case of plant failure/human error? In light of the

MWD

recent flooding directly from those creeks where water flooded personal homes and flooded personal properties  
- who will be responsible for the clean up? Who will be responsible for a fresh supply of drinking water when this occurs? Will there be an increase in mosquito due to the increase of standing water in the creeks?

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Tuesday, January 20, 2015 9:27 AM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [c.swann@att.net](mailto:c.swann@att.net) [<mailto:c.swann@att.net>]  
**Sent:** Friday, January 16, 2015 2:22 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Caryl Swann

**E-MAIL:** [c.swann@att.net](mailto:c.swann@att.net)

**COMPANY:**

**ADDRESS:** 16546 HUNTING GLEN ST  
SAN ANTONIO TX 78247-1130

**PHONE:** 2106532860

**FAX:**

**COMMENTS:** This permit seeks a major amendment to the permit issued to the 4S Ranch to allow them to go from TLSP to TPDES and discharge their effluent into a tributary of Cibolo Creek, which recharges the Edwards Aquifer. Given that this permit has the potential to negatively impact the quality of the Edward Aquifer waters and local Edwards wells, I request a public hearing on the permit prior to proceeding.

*MSW*

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Tuesday, November 17, 2015 10:10 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [watsfamily2@yahoo.com](mailto:watsfamily2@yahoo.com) [<mailto:watsfamily2@yahoo.com>]  
**Sent:** Tuesday, November 17, 2015 10:00 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Cheryl Watson

**E-MAIL:** [watsfamily2@yahoo.com](mailto:watsfamily2@yahoo.com)

**COMPANY:**

**ADDRESS:** PO BOX 184  
BULVERDE TX 78163-0184

**PHONE:** 2103256771

**FAX:** 2103256771

**COMMENTS:** I request a contested case hearing and to be put on the mailing list as I live very close to Lewis Creek and get my water from Oak Village North wells, some of which are drilled in the Lewis Creek Bed. Some of my family members are on medications which would be critically affected if contaminated with waste water that contains pharmaceutical drugs or drugs of abuse. I have a family member that has copd and whose breathing function would be negatively affected by any airborne contaminates released from waste water in

*MWD*

Lewis Creek, along with exacerbating allergy symptoms for the entire family. Additionally, I have two children who could be compromised from these drugs especially any estrogen contaminates in the waste water if the water in Oak Village North wells is exposed to it through either flooding, or malfunction. This is all in addition to the increased exposure posed by heavy metals, nitrogen and other chemical runoff, not to mention the danger human waste contamination.

**Marisa Weber**

---

**From:** PUBCOMMENT-OCC  
**Sent:** Monday, November 16, 2015 8:36 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** watsfamily2@yahoo.com [mailto:watsfamily2@yahoo.com]  
**Sent:** Saturday, November 14, 2015 7:43 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Cheryl Watson

**E-MAIL:** [watsfamily2@yahoo.com](mailto:watsfamily2@yahoo.com)

**COMPANY:**

**ADDRESS:** PO BOX 184  
BULVERDE TX 78163-0184

**PHONE:** 2103256771

**FAX:**

**COMMENTS:** I requested a contested case hearing and to be placed on the mailing list. I am deeply concerned regarding the amended permit request by 4S ranch development. I would like to see a permanent cap placed on the amount of discharge 4s is allowed in the amount of the original 180,000 gallons per day, and only that permitted with clear guidelines for the quarterly testing of Lewis and Cibolo Creeks and posting publically of the test results for bacteria, specified nutrients emerging contaminants and toxic heavy metals. I would like to

*MWD*

request they be required to use UV disinfection and install a denitrification unit at the plant to limit the total nitrogen in the treated waste water. Furthermore I would like to see 4s Ranch held to the original permit discharge method, which is sprinkle irrigation over land in the 4s development that was stated to be set aside for that use (believe it was 41.6 acres, rather than surface discharge which will send it into Dripping Springs and Lewis Creek, exposing the drinking water of over 600 families to contamination, and in times of heavy rains, also the possibility of saturating the ground and air with containments and mosquitos, endangering their health and happiness.

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Friday, November 20, 2015 8:48 AM  
**To:** PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** [Francesca@francescawatson.com](mailto:Francesca@francescawatson.com) [<mailto:Francesca@francescawatson.com>]  
**Sent:** Thursday, November 19, 2015 7:59 PM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** Francesca Watson

**E-MAIL:** [Francesca@francescawatson.com](mailto:Francesca@francescawatson.com)

**COMPANY:**

**ADDRESS:** 7264 CIRCLE OAK DR  
BULVERDE TX 78163-2433

**PHONE:** 2106214665

**FAX:**

**COMMENTS:** I am hereby requesting a contested case hearing regarding this permit. Issuance of this permit will increase runoff downstream in an area that's already had an adverse impact on its water supply by area development. Issuance of the permit will adversely impact property values, our ability to quietly enjoy our property, and the safety of our water supply.

*MWD*

# TCEQ Public Meeting Form

#10

PLEASE PRINT

#10 ✓

Name: Francesca & Nick Watson

Mailing Address: 7264 Circle Oak Drive

Physical Address (if different): Same

City/State: Balverde TX Zip: 78163

**\*\*This information is subject to public disclosure under the Texas Public Information Act\*\***

Email: Francesca@FrancescaWatson.com

Phone Number: 210-621-4665

• Are you here today representing a municipality, legislator, agency, or group?  Yes  No  
If yes, which one? \_\_\_\_\_

Please add me to the mailing list. ✓

I wish to provide formal **ORAL COMMENTS** at tonight's public meeting. ✓

I wish to provide formal **WRITTEN COMMENTS** at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

*FW*

**Marisa Weber**

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**From:** PUBCOMMENT-OCC  
**Sent:** Friday, January 16, 2015 10:53 AM  
**To:** PUBCOMMENT-OCC2  
**Subject:** FW: Public comment on Permit Number WQ0015095001

H

**From:** bfy@prodigy.net [mailto:bfy@prodigy.net]  
**Sent:** Friday, January 16, 2015 10:45 AM  
**To:** DoNot Reply  
**Subject:** Public comment on Permit Number WQ0015095001

*MWD  
94933*

**REGULATED ENTY NAME** 4S RANCH WWTP

**RN NUMBER:** RN106753437

**PERMIT NUMBER:** WQ0015095001

**DOCKET NUMBER:**

**COUNTY:** COMAL

**PRINCIPAL NAME:** STAHL LANE LTD

**CN NUMBER:** CN604325951

**FROM**

**NAME:** MR Benjamin Youngblood, III

**E-MAIL:** [bfy@prodigy.net](mailto:bfy@prodigy.net)

**COMPANY:**

**ADDRESS:** 8207 CALLAGHAN RD 100  
SAN ANTONIO TX 78230-4735

**PHONE:** 2104927746

**FAX:**

**COMMENTS:** This permit seeks a major amendment to the permit issued to the 4S Ranch to allow them to go from TLAP to TPDES and discharge their effluent into a tributary of the Cibolo Creek. I oppose direct discharge of effluent into waterways that recharge the Edwards Aquifer. Given that this permit has the potential to negatively impact the quality of the Edwards Aquifer waters and local Edwards wells, I request a public hearing on this permit prior to proceeding.

*MWD*