



January 28, 2014

Ms. Lynn Baumgardner
Texas Commission on Environmental Quality
14250 Judson Road
San Antonio, Texas 78233-4480

Re: File No. 2215 - Water Pollution Abatement Plan Review for **Helotes Canyon**, located southwest of the intersection of Highway 16 and Shadow Canyon Drive.

Dear Ms. Baumgardner:

The San Antonio Water System (SAWS) Aquifer Protection and Evaluation Section has completed its review of the above referenced Water Pollution Abatement Plan (WPAP) received on January 17, 2014. This WPAP application is for the construction of a single family residential development with associated streets. Proposed impervious cover for this project is below 20%, therefore, no BMPs are proposed. The site covers 93.69 acres with a proposed impervious cover of 12.991 acres (13.87%).

TECHNICAL REVIEW

SAWS Aquifer Protection and Evaluation staff conducted a site investigation, and noted no sensitive geologic features. However, a water well was also identified outside of the Recharge Zone, and was not assigned a geologic feature rating. Based on our general review of the Geologic Assessment, proposed BMP, and site plan, we noted no apparent deficiencies.

Based on the site evaluation of the property and the WPAP information submitted by the engineer, staff recommends **approval** of this application provided that the applicant complies with the applicable requirements of the Aquifer Recharge Zone and Watershed Protection Ordinance No. 81491. In accordance with Ordinance No. 81491, an Aquifer Protection Plan for all Category 2 and 3 properties is required to be submitted to, and approved by, the Aquifer Protection & Evaluation Section of the San Antonio Water System. At this time, this project does comply with the minimum requirements found in the Aquifer Recharge Zone and Watershed Protection Ordinance No. 81491 of the City Code, Chapter 34, Article VI, Division 6 for water quality controls. Additionally, SAWS recommends that the identified water well be properly plugged and abandoned.

ENVIRONMENTAL RECOMMENDATIONS

The following recommendations which address the environmental concerns raised by the construction of the proposed project are:

1. The City of San Antonio shall inspect all pending construction of sewer mains and service laterals for proper construction according to State and City Regulations and Codes.
2. The storage, handling, use and disposal of hazardous materials within this development shall be consistent with the labeling of those materials, and applicable regulations. Failure to comply with the label warnings may constitute a violation of Federal law.

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3. Landscaped areas should be sensitive to minimizing water needs (i.e. use of native plants) and that a minimal amount of pesticides, herbicides, or fertilizers should be used.
4. If any solution openings, caves, sinkholes, or wells are discovered on the property during construction or blasting, the owner should notify the SAWS Aquifer Protection and Evaluation Section at (210) 233-3173.
5. The Ground Water Resource Protection Section should be notified at 233-3173 upon discovery and plugging of wells. Wells that are no longer in use or abandoned shall be properly plugged in accordance with SAWS water well plugging procedures.
6. Prior to the start of the BMP construction, the owner should notify the SAWS Aquifer Protection and Evaluation Section at (210) 233-3515 to schedule a site inspection.
7. After BMP construction is complete and prior to the start of business, the owner should notify the SAWS Aquifer Protection and Evaluation Section at (210) 233-3515 to schedule a site inspection. Additionally, we recommend a maintenance plan and schedule be developed and submitted to SAWS Aquifer Protection and Evaluation Section.
8. If the BMP fails to drain properly, the owner should notify the Construction Section of the Resource Compliance Division at (210) 233-3515 prior to any discharge of water.
9. If at any time the ownership of the property changes, the seller must inform the buyer of all requirements for maintenance of the BMP. A signed basin maintenance plan and schedule agreement, from the new owner, must be submitted to the Resource Protection Division of SAWS.

If you have any questions or require additional information, please contact Bruce Keels at (210) 233-3173.

Sincerely,



Michael J. Barr, Supervisor
Aquifer Protection and Evaluation Section

Approved:



Andrew Wiatrek, Manager
Edwards Aquifer and Watershed Protection Division

AW:BVK

cc: Drake Thompson, McMillan Texas Development, LLC
Clayton Rollins, Edwards Aquifer Authority
Rick Wood, Pape-Dawson Engineers, Inc.