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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 6, 2008

Ms. Danielle Baldwin
 T-Mobile West Corporation
 3801 Capital of Texas Highway South, Suite 300
 Austin, Texas 78704

Re: Edwards Aquifer, Comal County
 NAME OF PROJECT: T-Mobile - Hammer; Located at 1356 River Road; New Braunfels, Texas
 TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP); 30 Texas
 Administrative Code (TAC) Chapter 213 Edwards Aquifer
 Edwards Aquifer Protection Program ID No. 2765.00; Investigation No. 638653; Regulated
 Entity No. RN105473367

Dear Ms. Baldwin:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP application for the above-referenced project submitted to the San Antonio Regional Office by Bleyl and Associates on behalf of T-Mobile West Corporation on February 28, 2008. Final review of the WPAP was completed after additional material was received on April 28, 2008. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed and dated by a Texas Licensed Professional Engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer Protection Plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.*

BACKGROUND

The site is an approximately 75' x 75' leased portion of a 6.5 acre tract of land of Subdivision No. Four of the J. M. Veramendi Two League Survey No. One, recorded in Volume 184, page 94 of the Deed Records of Comal County, Texas Records. The lease agreement for this site has been provided with the application.

PROJECT DESCRIPTION

The proposed commercial project will have an area of approximately 5,625 square feet, and will include an additional 750 square foot access and utility easement. It will include a covered platform, concrete generator slab with 132 gallon diesel generator (self contained tank), and a concrete monopole slab. The

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P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • Internet address: www.tceq.state.tx.us

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impervious cover will be approximately 3,481 square feet (60.25 percent). There will be no wastewater generated by this project.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, two engineered filter strips, designed using the TCEQ technical guidance document, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (2005), will be constructed to treat stormwater runoff.

The engineered filter strip treating Drainage Area 1, will provide treatment for 72 pounds of total suspended solids (TSS) produced from 3,481 square feet of TSS generating cover, within a 3,920 square foot catchment area. This filter strip is designed to treat a portion of the off-site access and utility easement, and will contain the following criteria:

- The engineered filter strips extend along the entire length of the contributing areas;
- The slope does not exceed 20%;
- The minimum dimension of the filter strip (in the direction of flow) is not less than 15 feet;
- The maximum width (in the direction of flow) of the contributing impervious area does not exceed 72 feet;
- The minimum vegetated cover is 80%;
- The contributing area to the filter strips is relatively flat so that run-off is distributed evenly to the vegetated area without the use of a level spreader;
- The vegetated filter strips are free of gullies or rills that can concentrate overland flow, and;
- The top edge of the vegetative filter strips are level.

The engineered filter strip treating Drainage Area 2, will provide treatment for 5 pounds of TSS produced from the remainder of the off-site access and utility easement, approximately 435 square feet of TSS generating cover. This filter strip is designed with the following criteria:

- The slope does not exceed 20%;
- The minimum dimension of the filter strip (in the direction of flow) is not less than 15 feet;
- The maximum width (in the direction of flow) of the contributing impervious area does not exceed 72 feet;
- The minimum vegetated cover is 80%;
- The contributing area to the filter strips is relatively flat so that run-off is distributed evenly to the vegetated area without the use of a level spreader;
- The vegetated filter strips are free of gullies or rills that can concentrate overland flow, and;
- The top edge of the vegetative filter strips are level.

The measures are presented to meet the required 80 percent removal of the increased load in TSS caused by the project.

GEOLOGY

The site contains undulating Comfort-rock outcrop complex soils, and is located on the Person Formation (Kep), characterized by limestone and dolomite, of the Edwards Aquifer.

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According to the geologic assessment included with the application, no features were located onsite. One geotechnical bore hole is located onsite. According to the geologist, the bore hole is 30 feet deep, and has been plugged by the drillers. The San Antonio Regional Office site assessment conducted on May 5, 2008 revealed the site is as described by the geologist.

SPECIAL CONDITIONS

- I. The engineer has provided a signed and sealed document stating that the filter strip design, as described in the application, will provide equivalent water quality protection compared to the filter strip criteria in RG-348 (2005) section 3.4.6.
- II. The portion of land labeled as "No construction is allowed in this zone..." on the Site Plan and Water Quality Plan sheet, shall remain undisturbed.
- III. The proposed amount of impervious cover onsite within 75' x 75' leased area is 0.08 acres, and 0.01 acres offsite (within the access and utility easement). A modification to an approved WPAP must be submitted and approved by the TCEQ prior to exceeding that amount.
- IV. All temporary controls shall be designed in accordance with the Construction Details sheet provided with the application.
- V. The inspection and maintenance plan for temporary controls did not specifically address the stabilized construction entrance/exit. Therefore the stabilized construction entrance/exit shall be maintained in accordance with RG-348 (2005) section 1.4.2., for as long as the structure remains onsite.
- VI. All permanent pollution abatement measures shall be operational prior to use of the facility.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.
2. The holder of the approved Edwards Aquifer protection plan must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the application.
3. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

4. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the San Antonio Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

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5. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.
6. Modification to the activities described in the referenced WPAP application following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.
7. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the San Antonio Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
8. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. If a water quality pond is proposed, it shall be used as a sedimentation basin during construction. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.
9. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

During Construction:

10. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
11. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment. Refer to Standard Condition No. 6, above.
12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the San Antonio Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director

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has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.

13. One geotechnical bore hole exists onsite. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
14. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
15. Intentional discharges of sediment laden storm water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.
16. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
17. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

After Completion of Construction:

18. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the San Antonio Regional Office within 30 days of site completion.
19. The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through San Antonio Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
20. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new

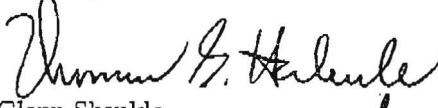
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regulated activity by the executive director is required prior to commencement of the new regulated activity.

21. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the San Antonio Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.
22. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

If you have any questions or require additional information, please contact Jason Jupe of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210) 403-4023.

Sincerely,


Glenn Shankle
Executive Director
Texas Commission on Environmental Quality

GS/JJ/eg

Enclosure: Deed Recordation Affidavit, Form TCEQ-0625
Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263

cc: Mr. Kenny Watkins, P.E., Bleyl and Associates
Mr. Bruce Boyer, City of New Braunfels
Mr. Tom Hornseth, P.E., Comal County
Ms. Velma Danielson, Edwards Aquifer Authority
TCEQ Central Records, Building F, MC212