

ORDINANCE NO. 030731-55

AN ORDINANCE AMENDING ORDINANCE NO. 020627-115 RELATING TO ADMINISTRATIVE VARIANCES FOR THE AUSTIN CLEAN WATER PROGRAM.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

PART 1. Ordinance No. 020627-115, Part 1 is amended to read as follows:

PART 1. In this ordinance:

- (A) Director means the director of the Watershed Protection and Development Review Department.
- (B) AO means the EPA Region 6 Administrative Order entered in Clean Water Act Docket No. VI-99-1221 requiring elimination of sanitary sewer overflows from the City wastewater collection system no later than December 31, 2007.
- (C) AO Related Austin Clean Water Program Projects means projects that are necessary to eliminate sanitary sewer overflows as required under the AO, and include:
 - (1) repair, replacement, or new construction of wastewater lines and any items necessary to construct, access, and maintain the lines;
 - (2) improvements to creek beds and banks if necessary to maintain stable drainage and wastewater facilities; and
 - (3) permanent maintenance access routes for wastewater lines outside existing city streets, if in compliance with standards set out in Exhibit A attached to and incorporated as part of this ordinance.

PART 2. Ordinance No. 020627-115, Part 2 is amended to read as follows:

PART 2. An administrative variance process is established allowing the director to grant a variance from the Land Development Code Sections 25-1-133 (*Notice of Applications and Administrative Decisions*), 25-1-134 (*Procedures and Requirements for Notice*), 25-7-61(A)(5)(b) and (c) and (B) (*Criteria for Approval of Plats, Construction Plans, and Site Plans*), 25-8-211 (*Water Quality Control Requirement*), 25-8-261 (*Critical Water Quality Zone Development*), 25-8-281 (*Critical Environmental Features*), 25-8-301 (*Construction of a Roadway or a Driveway*), 25-8-321(A) (*Clearing of Vegetation*), 25-8-341 (*Cut Requirements*), 25-8-342 (*Fill Requirements*), [and] 25-8-361 (*Wastewater Restrictions*) 25-8-453 (*Water Quality Transition Zone*), 25-8-392 (*Critical Water Quality Zone*), 25-8-393 (*Water Quality Transition Zone*), 25-8-422 (*Critical Water Quality Zone*), 25-8-423 (*Water Quality Transition Zone*), and 25-8-452 (*Critical Water Quality Zone*) for AO Related Austin Clean Water Program Projects.

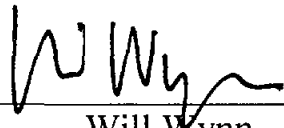
PART 3. The unamended portions of Ordinance No. 020627-115 remain in effect.

PART 4. This ordinance expires on December 31, 2007.

PART 5. The Council waives the requirements of Sections 2-2-3 and 2-2-7 of the City Code for this ordinance.

PART 6. This ordinance takes effect on August 11, 2003.

PASSED AND APPROVED

_____, July 31, 2003 §
§
§ 
Will Wynn
Mayor

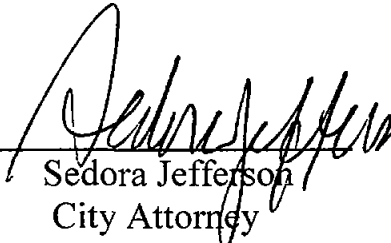
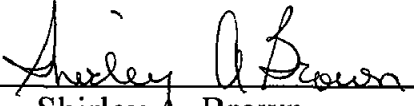
APPROVED:  ATTEST: 
Sedora Jefferson Shirley A. Brown
City Attorney City Clerk

Exhibit A
Ordinance No. 030731-55

Austin Clean Water Program
Description and Details of Proposed Access Paths in Critical Water Quality Zones
6/17/03

The purpose of this memorandum is to describe proposed access paths as part of the Austin Clean Water Program improvements. These paths are generally about twelve feet in width built of earthen and rock material. The paths are being constructed for the purpose of emergency access to ACWP sewer projects as well as occasional programmed maintenance (five year maintenance cycle). It is expected that the path would be used on an average, once about every five years by the Water and Wastewater Utility. Currently five proposed access paths have been identified throughout the Cross-town Interceptor Basin. Currently we expect that approximately eight more will be need throughout the rest of the City.

- I. Description.** Access paths shall provide dedicated vehicular access from existing public Right-of-Way to manholes within a drainageway (creek or manmade channel), hence within the Critical Water Quality Zone (CWQZ). Dedicated vehicular access shall include an access easement and a gated, stabilized access path to the manhole. The stabilized access path will include one or both of the following, depending on location of the manhole within CWQZ and site topography:

 - a. path over flat or gently sloping land in the creek overbank area;
 - b. path over a steep slope, as in the side slope of a streambank.
- II. Design Details.** Stabilized access paths will consist of the following elements:

 - a. Existing on-site soils, graded to a minimum slope of 4(H):1(V)
 - b. Six-inch layer of loosely placed 3"x5" limestone "Berm Rock" to prevent soil erosion and provide traction for equipment
 - c. Maximum cross-slope of 2%
 - d. Runoff from off-site and from the access path shall be maintained as sheet flow, which shall be intercepted at 20 foot intervals along the path to be diverted to stable, vegetated areas
 - e. Access paths shall be sited to avoid significant trees and/or tree clusters, tall slopes and Critical Environmental Features (CEFs). In the event that a steep, tall slope is unavoidable, the access path will need to be cut into the slope, with the side slopes of the cut stabilized with a retaining structure.
 - f. Access paths and retaining structures shall be designed such that:

1. There is no reduction of channel cross-sectional area or increase in Water Surface Elevation (WSEL)
2. The adjacent streambank is stable so that the access path is not outflanked
3. The adjacent streambank is not subject to local scour due to the access path.

The Drainage Engineer (DE) and Environmental Reviewer (ER) of the Watershed Protection and Development Review Department (WPDRD) will participate in siting and design of access paths. DE and ER shall review and comment on designs at 30%, 60%, 90% and 100% plan submittals for adherence to design guidelines.

III. Frequency of Use. Since the rehabilitated pipes and manholes are designed with the capacity to convey sanitary flows and the Infiltration/Inflow associated with the 5-year design storm, it is anticipated that access will be needed no more frequently than once every 5-years to remediate spills, or in emergency situations (during sanitary sewer overflows due to vandalism, pipe failure, or unexpected blockages).

IV. Applicability. The above criteria are applicable only to Austin Clean Water Program (ACWP) Projects in watersheds outside of the Barton Springs Zone. Any access paths for ACWP projects within the Barton Springs Zone shall be temporary. Any disturbance caused by the access paths shall be properly stabilized and re-vegetated per applicable COA Codes and Criteria Manuals.

V. Currently identified Access Paths in Cross-town Tunnel interceptor Basin

| Project Name | Watershed | BSZ (Y/N) | Retaining Structure Needed? |
|---|------------------|--------------|--------------------------------|
| Lower Hancock | Shoal | N | No |
| Spicewood @ Woodhollow | Shoal | N | No |
| Spicewood @ Foster | Shoal | N | Yes |
| Shoal Tunnel, 29 th to 34th | Shoal | N | No |
| Little Walnut 290 @ 183 | Little Walnut | N | No |