



ENVIRONMENTAL BOARD MOTION - 032107-A3

Date: March 21, 2007

Subject: Consideration of a Resolution In Opposition to Direct Discharge of Wastewater in the Contributing Zone of the Barton Springs Segment of the Edwards Aquifer

Motioned By: Karin Ascot

Seconded By: Dr. Mary G. Maxwell

Recommendation

The Environmental Board offers the attached resolution in opposition to Direct Discharge of Wastewater in the Contributing Zone of the Barton Springs Segment of the Edwards Aquifer.

Staff Conditions

Not Applicable.

Rationale

Not Applicable.

Vote 6-0-0-3

For: Anderson, Ascot, Moncada, Curra, Maxwell, Dupnik

Against:

Abstain:

Absent: Jenkins, Ahart and Beall

Approved By:

Dave Anderson P.E., CFM, Chair

RESOLUTION NO. 03212007-001

**A RESOLUTION OF THE CITY OF AUSTIN'S ENVIRONMENTAL BOARD,
OPPOSING THE AUTHORIZATION OF ANY AND ALL DIRECT DISCHARGE OF
TREATED EFFLUENT INTO THE CONTRIBUTING ZONE OF THE BARTON
SPRINGS SEGMENT OF THE EDWARDS AQUIFER**

WHEREAS, the Barton Springs Segment of the Edwards Aquifer (Aquifer) is a unique underground system of water-bearing formations in Central Texas, wherein water enters the Aquifer through the ground as surface stream inflow and rainfall infiltration, is rapidly transported in the subsurface by solution conduits and intrinsic permeability of the rock, and leaves the Aquifer through well withdrawals and spring flow; and

WHEREAS, the Aquifer is either a sole source or primary source of drinking water for tens of thousands of people and is a vital resource to the general economy and welfare of the City of Austin and the State of Texas; and

WHEREAS, the complex of springs known as Barton Springs is the direct natural outlet for water flowing through the Aquifer; and

WHEREAS, Barton Springs provides the only known habitat for the endangered Barton Springs salamander, *Eurycea sosorum*, and the Austin blind salamander, *Eurycea waterlooensis*, a candidate for endangered listing under the federal Endangered Species Act; and

WHEREAS, currently, there are no active Texas Pollution Discharge Elimination System (TPDES) permitted point-source wastewater discharge outfalls located within the contributing or recharge zone of the Aquifer; and

WHEREAS, the Hays County Water Control and Improvement District (WCID) No. 1 has applied to the Texas Commission on Environmental Quality for the first TPDES direct-discharge permit in the contributing zone or the recharge zone, seeking to discharge up to 800,000 gallons per day of treated domestic sewage directly into the upper reaches of an intermittent yet high-quality stream, Bear Creek; and

WHEREAS, creek flow in Bear Creek directly and rapidly recharges the Barton Springs segment of the Edwards Aquifer, offering very little opportunity for assimilation and dilution of contaminants in the subsurface before discharging at Barton Springs; and

WHEREAS, the discharge of the 800,000 gallons per day of treated municipal wastewater into Bear Creek, which is typically dry for most of the year, would create an effluent-dominated stream a relatively short distance up-gradient of the recharge zone of the Aquifer; and

WHEREAS, the sizes and types of treatment facility being proposed maybe subject to "upset conditions" that could cause the effluent quality to have substantial excursions from its designed performance on a not-infrequent basis and potentially even further degrade Barton Springs and the Aquifer ; and

WHEREAS, all other domestic wastewater treatment facilities in this region successfully use an alternative "no discharge" disposal method to dispose of treated effluent; and

WHEREAS, City of Austin and other entities' scientific analysis and modeling efforts have demonstrated that the proposed discharge of treated sewage from even a properly operating advanced treatment facility will cause substantial degradation of Barton Springs and the Aquifer and its endangered species habitat; and

WHEREAS, recognizing the vulnerability of the Aquifer, Representative Patrick Rose in this 80th Texas Legislative session has filed House Bill No. 3039 to prohibit the TCEQ from issuing permits authorizing direct discharges of wastewater into the contributing zone or recharge zone of the Barton Springs segment of the Edwards Aquifer; and

NOW, THEREFORE BE IT RESOLVED that the City of Austin's Environmental Board does hereby adopt this Resolution to recommend that the Austin City Council:

1. oppose approval by the TCEQ of the proposed Hays County WCID No. 1 TPDES direct discharge application; and
2. oppose any other proposal for direct discharge of wastewater within the contributing zone of the Barton Springs segment of the Edwards Aquifer; and
3. support the passing of House Bill No. 3039 to prohibit the TCEQ from issuing permits authorizing direct discharges of wastewater into the contributing zone or recharge zone of the Barton Springs segment of the Edwards Aquifer.

BE IT RESOLVED BY THE CITY OF AUSTIN ENVIRONMENTAL BOARD:

In Favor 6

Opposed 0

PASSED AND APPROVED THIS 21st DAY OF MARCH, 2007.

ATTEST: _____

David J. Anderson, P. E., CFM
Environmental Board Chair

File copy
Rec'd 3/7/07
3/21/07 EB meeting

Tejas Plaza
SER Request No. 2519

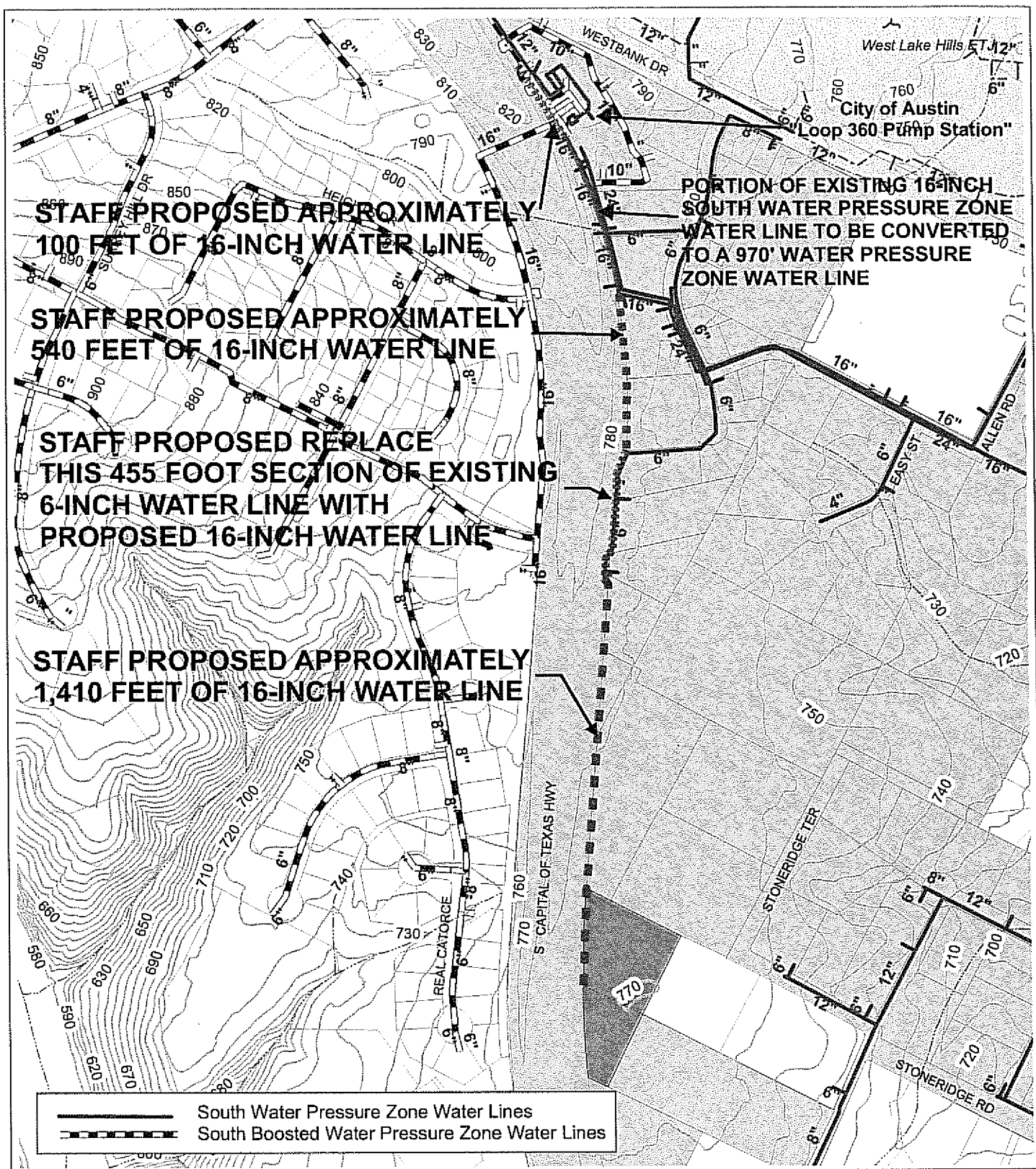
Tejas Plaza is located on Capital of Texas Highway West, in the Eanes Creek and Barton Creek Watershed, over the Edward's Aquifer Recharge Zone. Please refer to the attached location map for the property. Tejas Plaza has an approved Site Plan, SP-05-158D, and is grandfathered from current watershed regulations to 1971 regulations. The tract has a sedimentation filtration pond meeting TCEQ standards for water quality. Approximately 50% impervious cover is proposed on this site.

This site is requesting Water Service from the City of Austin, and will have onsite septic. This site plan was approved prior to the request for water service extension, and the site plan was approved with an existing well, but is now requesting water service to provide improved fire flow. No additional impervious cover can result from the request for City water service. A tank for rainwater collection from the roof will provide the water for landscaping.




This site is the location of the Stoneridge Price Cave, which is identified on the site plan as a critical environmental feature, and the applicant has provided a voluntary setback on the site plan that varies from 100' to 150'. The area of the CEF and its buffer will remain undisturbed.

Because the request for water service does not result in increased development for the tract, WPDRD does not object to the request for extension of water service. Water service has been previously extended to the adjacent tract, and the water line for that adjacent tract's service is under construction, as shown on the attached location map.

Because this site is located within the drinking water protection zone, outside the City limits, the SER request must be approved by City Council. WPDRD is providing this courtesy review for the Environmental Board prior to Council review.



350 175 0 350 Feet

-  Subject Tract
-  City Limits
-  Limited-Purpose City Limits

W. S.E.R. Name: Tejas Plaza
W. S.E.R. Number: 2519



ENVIRONMENTAL BOARD MOTION 032107-C1

Date: March 21, 2007

Subject: Tejas Service Extension Request (SER NO. 2519)

Motioned By: John T. Dupnik, P. G.

Seconded by: Dr. Mary G. Maxwell

Recommendation

The Environmental Board postponed action on the Tejas Service Extension Request (SER No. 2519) to obtain further information on other tracts that could potentially be served by the proposed waterline, and to determine if impervious cover increases would be likely as a result of approval of this service extension request.

Staff Conditions

None.

Board Conditions

None.

Rationale

The environmental Board did not have sufficient information to provide a recommendation.

Vote 4-2-0-3

For: Anderson, Curra, Maxwell and Dupnik

Against: Ascot and Moncada

Abstain:

Absent: Jenkins, Ahart and Beall

Approved By:

Dave Anderson P.E., CFM
Environmental Board Chair

David T. Smith, P.E. *****
 201 North Rock Hill Road, Suite 100, Rock Hill, SC 29730-1000

October 24, 2006

Mr. Jeff Macklin
 Ranches and Rivers Realty
 1177 Ranch Road 222, Rock
 Hill, SC 29730

RE: Traffic Counts on Ranch Road 222 South

Dear Jeff:

For your request, I have reviewed the available data on traffic volume on Ranch Road 222 at Home Depot Boulevard between Lee Cave and Lohmeyer. Traffic information is available from 1994 through 2005 and is being provided to you in accordance with the 900 County's Letter to the public for 2005.

Average Daily Volume (ADV) has increased significantly since 1994. ADV from the 1994 to 1995 is 1,800 to 1,900. From 1995, ADV increased another 25% to 2,317 in 2005. With the planned opening of The 183 Country Club, traffic is expected to increase another 10% to 2,500 to 2,600 cars per day at this location.

With the continued growth in the area of Lohmeyer, the Home Depot Blvd and other nearby developments, the traffic volume on Ranch Road 222 will continue to increase in ADV as well as in volume.

Please feel free to call if you have any questions or need any additional information.

David T. Smith, P.E.

Proposed Solutions

- Relocate Reicher driveway so that access occurs through a controlled intersection.
- Two options were considered:
 - Divert driveway to the south to access Galleria Parkway
 - Adjoining owner not interested
 - Will not provide signal access
 - More impact on BCP
 - Divert driveway to the north to Home Depot Blvd.
 - Signal access available
 - Minimizes impact to BCP
 - Interested neighbor

Proposed Solutions

- Staff pursued Home Depot Blvd option
- Staff was contacted by neighbor to the north seeking a land exchange in Spring 2006
- Staff used this opportunity to explore potential access solutions

Proposed Solution

- A proposed exchange includes:
 - COA provides 7.2 acres of Reicher that is not habitat for protected species
 - COA receives:
 - 17.54 acres of transitional habitat on Barton Creek
 - Right of Way is dedicated and donated from signal at Home Depot Boulevard to Reicher Boundary
 - Road is constructed in ROW to Reicher Boundary

Proposed Solution

(continued)

A proposed exchange includes (continued):

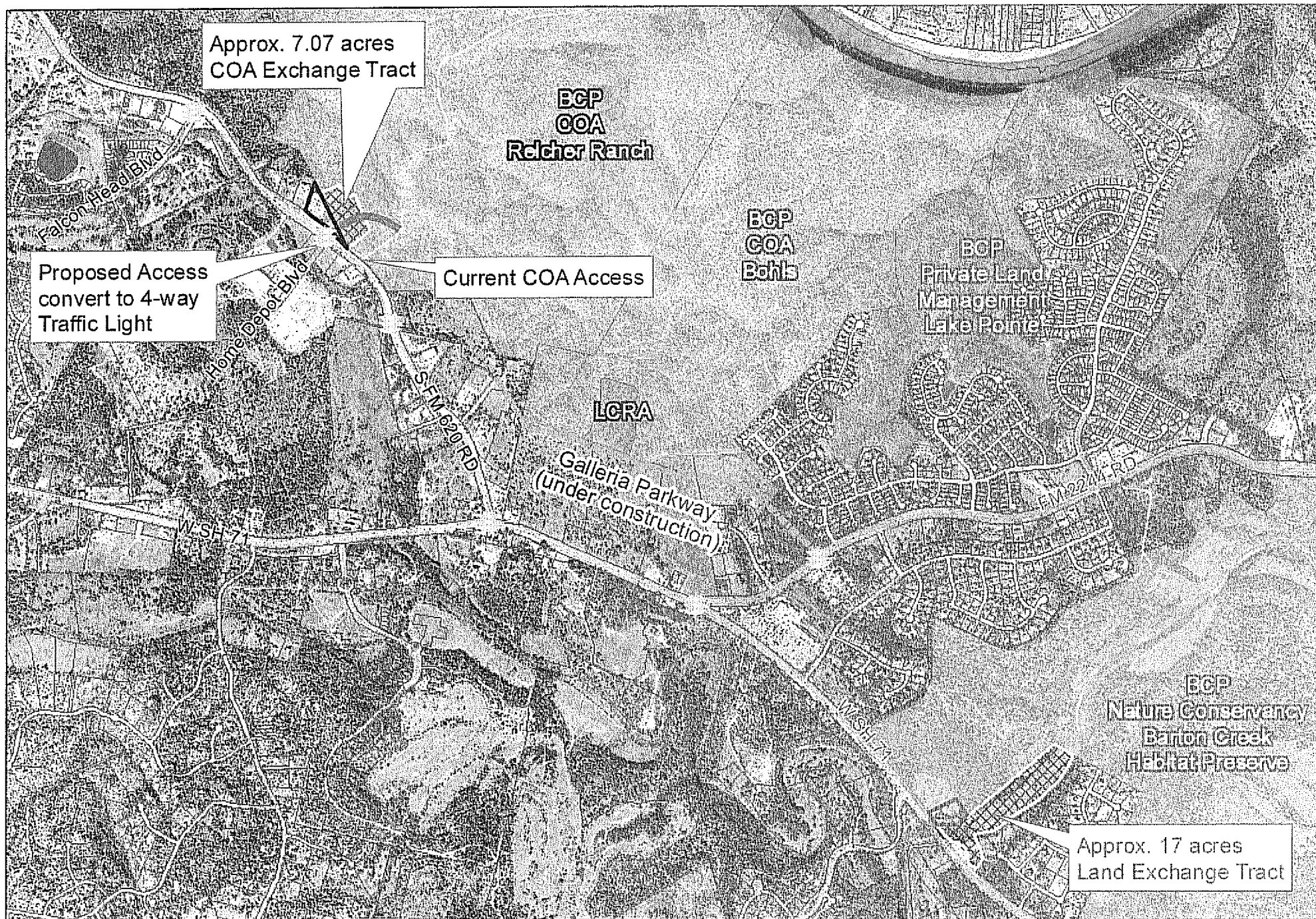
- COA receives (continued):
 - Signal at Home Depot Blvd is enhanced to a four sided signal to serve Reicher access
 - A new driveway is constructed from Reicher boundary at Home Depot Blvd to existing Reicher driveway
 - BCP will receive \$50,000 for additional land acquisition

Approvals To Date

- BCCP Citizens Advisory Committee July, 2006
- BCCP Scientific Advisory Committee July, 2006
- BCCP Coordinating Committee July 24, 2006
- US Fish and Wildlife Service July 24, 2006

Results

- COA receives 17.54 acres of habitat in exchange for 7.2
- COA receives funding for additional land up to 5 acres
- Expected land exchange ratio of 3:1
- COA receives capital improvements equal in value to 17.54 acre land exchange at no cost to BCP budget





ENVIRONMENTAL BOARD MOTION 032107-C2

Date: March 21, 2007

Subject: Reicher Ranch Driveway Relocation

Motioned By: Karin Ascot

Seconded by: Dr. Mary G. Maxwell

Recommendation

The Environmental Board recommends approval of the Reicher Ranch Driveway Relocation.

Staff Conditions

None.

Board Conditions

None.

Rationale

1. Advantageous to the Balcones Canyonland Preserves;
2. Improves public safety;
3. Other committees have supported the Reicher Ranch Driveway location;
4. Protects contributing waters of Barton Creek;
5. 3:1 exchange ratio acceptable because of public safety issue and offer improvements that ring the value equivalent to the desired 5:1 ratio.

Vote 6-0-0-3

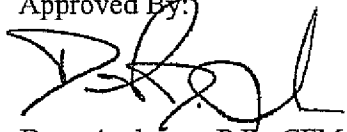
For: Anderson, Ascot, Moncada, Curra, Maxwell and Dupnik

Against:

Abstain:

Absent: Jenkins, Ahart and Beall

Approved By:


Dave Anderson P.E., CFM
Environmental Board Chair



EXECUTIVE SUMMARY

The Austin Clean Water Program (ACWP) is required to present a semi-annual report to the City Council, Parks and Recreation Board and Environmental Board per City of Austin Ordinance 020627-115. This Ordinance established an integrated design/permitting process and an administrative process for approval of variances from specific sections of the City of Austin Land Development Code. The ACWP Ordinance was necessary to meet regulatory schedule milestones imposed by the US Environmental Protection Agency for critical projects within the ACWP.

A new Ordinance 030731-55 was passed on July 31, 2003 as an amendment to Ordinance 020627-115. This Ordinance allows for the administrative approval of variances from additional sections of the City of Austin Land Development Code, namely construction of access paths within the Critical Water Quality Zone (CWQZ) in order to allow access to ACWP sewer projects for emergency situations and maintenance.

ACWP Ordinance 020627-115 requires the semi-annual report to address three items:

- A list of variances granted under the Ordinance:
As of March 13, 2007: Sixty (60) variances for seventy-one (71) permitted projects have been granted under this Ordinance (38 for CWQZ, 20 for CEFs and 2 for Access Paths).
- The construction status of any project granted a variance under the Ordinance.
As of March 13, 2007:
 - **Permits** – Forty-eight (48) ACWP projects have received permits under the process established by the ACWP Ordinance. An additional twenty-three (23) ACWP projects received permits under the General Permit process. General permit projects do not require variances.
 - **Construction** - There are currently six (6) ACWP permitted projects in construction. An additional two (2) ACWP projects in construction were processed under the General Permit process. The ACWP Johnson Creek project is also in the construction phase however the notice to proceed will not be issued until the permit is granted.
 - **Substantial Completion/Closeout** – Twenty-one (21) ACWP permitted projects have reached substantial completion or are in close out. An additional six (6) substantially complete ACWP projects were permitted under the General Permit process.
 - **Complete** – Twenty (20) ACWP permitted projects are complete. An additional ten (10) ACWP projects were permitted under the General Permit process. One additional project, the ACWP Harold Court Emergency project, is also complete and did not require a permit due to its emergency status.
 - **Bidding or Pre-construction** – Ten (10) ACWP projects are in the bidding or pre-construction phase. Six (6) of these projects have received permits (1 ACWP permit and 5 General Permits).
 - **Design** – Eighteen (18) ACWP projects are in the design phase.
- The status of review and permitting process for AO-related ACWP projects.
As of March 13, 2007: The required infrastructure inspection (sewer system evaluation study (SSES) and technical review (ACWP review of the SSES) is complete for all three

basins. The permitting process was initiated on January 15, 2003 and the ACWP has submitted more than 300 interim submittals through Intake for WPDRD review, including general permit projects.

PROCESS TO IDENTIFY AO-RELATED PROJECTS

Sewer system evaluation surveys (SSES) were performed by consultants outside the ACWP to determine the condition of the existing wastewater infrastructure. The SSES consultants made recommendations for proposed improvements to the system. The ACWP received the SSES studies, analyzed the recommendations and made independent suggestions for remediation based on the findings. The ACWP's independent suggestions were outlined in technical memoranda. The project sites were visited by the Stream Team and the information was presented in AO reports. The resulting 87 projects were then assigned to design consultants from the ACWP rotation list.

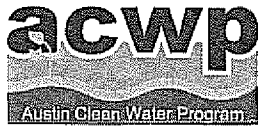
In addition to those projects identified through the SSES process, an additional 8 projects were identified by the AWU as critical. These projects were also assigned to design consultants from the ACWP rotation list.

STATUS OF REVIEW AND PERMITTING FOR AO-RELATED ACWP PROJECTS

There are currently ninety-five (95) ACWP projects within the Crosstown Basin, Onion and Govalle Basins. Table 1 includes details about route studies, granted and currently anticipated variances, and potential use of parkland. The status column indicates the most recent phase that has been completed for each project.

Project Highlights:

- Nineteen (19) of the ninety-five (95) ACWP projects included route studies to consider new alignments outside the creeks. All these projects will move at least a portion of the line out of the creeks. Others are evaluating the use of alternative/trenchless construction technology to limit environmental impact.
- Fifty-two (52) of the ninety-five (95) ACWP projects are currently anticipated to require a variance for development/wastewater within the critical water quality zone (Land Development Code 25-8-361). Thirty-eight (38) of these variances have been approved and are noted as approved in Table 1.
- Twenty-four (24) of the ninety-five (95) ACWP projects are currently anticipated to require a variance to work within the 150-foot buffer space of a critical environmental feature, including wetlands, springs, canyon rimrock or bluffs (Land Development Code 25-8-281). Twenty (20) of these variances have been approved and are noted as approved in Table 1.
- Two of the ACWP projects are currently anticipated to require a variance to construct an access path within the Critical Water Quality Zone (Land Development Code 25-8-261). These variances have been approved. Table 2 lists all projects which anticipate a variance from 25-8-261.



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- Twenty-seven (27) of the ACWP projects are currently anticipated to require use of parkland for either installation of wastewater lines or for construction of permanent access.
- All of the ACWP projects will be submitted to the City of Austin for a minimum of 30%, 60% or 90% permitting review.
- Seventy-one (71) of the ACWP projects have received permits, including twenty-three (23) general permits.
- Thirty (30) ACWP permitted projects are complete (10 of the 30 projects were permitted under the General Permit process). The ACWP Harold Court Emergency Project is also complete but did not receive a permit due to its emergency status.
- Twenty-seven (27) ACWP permitted projects have reached substantial completion or are in close out (6 of the 27 projects were permitted under the General Permit process).
- There are currently eight (8) ACWP permitted projects in construction (2 of the 8 projects were permitted under the General Permit process). The ACWP Johnson Creek project is also in the construction phase however the notice to proceed will not be issued until the permit is granted.
- 10 ACWP projects are in the bidding or pre-construction phase.
- 18 ACWP projects are in the design phase.

ACWP Assessment Procedure

The ACWP has established a procedure for review of projects that have not acquired all necessary easements. An assessment application is submitted with the project to the Watershed Protection and Development Review Department. If a project reaches 100% and has outstanding easements, the case manager issues an assessment approval, stating all comments have been addressed and the project may not be constructed until real estate issues are resolved.

NEXT STEPS FOR THE AUSTIN CLEAN WATER PROGRAM

The ACWP will continue to manage the design phase of all projects and will continue submitting plans to Intake for interim reviews at the 30%, 60%, 90% and 100% completion levels.

Following the permitting phase, the ACWP will move projects through bid/award phase and into construction.

The next semi-annual report will be presented to City Council, Environmental Board and the Parks and Recreation Board in approximately six months.

Table 1 –ACWP Projects

PROJECT NAME	Status	Percent Constructed	Subbasin	Existing Line In Creek	Existing Line In Street or Outside Creek	Route Study	Alternate Route Chosen	Anticipated Variances from LDC		Anticipated Parks Use
								CWQZ Variance	Critical Environmental Feature –Spring, Wetland, Rimrock or Bluff	
1. Govalle 1–Townlake Park Segment	Complete	100%	GV-Town Lake	0%	0%	No	–	No	No	Yes
2. Govalle 3–Montopolis Drive Streambank Erosion	Complete	0%	GV-Carson	100%	0%	No	–	Yes - APPROVED	No	Yes
3. Govalle 5–Taylor Slough South	Complete	100%	GV-Taylor South	5% three crossings	95%	Yes	Yes	Yes – APPROVED	YES – Wetland – APPROVED	Yes
4. Hwy 183 Siphon Replacement	Complete	100%	CT-Little Walnut	0%	100%	No	–	No	No	No
5. Little Walnut – Dungan St.	Complete	100%	CT-Little Walnut	0%	100%	No	–	No	No	No
6. Little Walnut – Little Emily Way	Complete	100%	CT-Little Walnut	0%	100%	No	–	No	No	No
7. Little Walnut – Meadowood Drive	Complete	100%	CT-Little Walnut	0%	100%	No	–	No	No	No
8. Little Walnut – Rockhurst Lane	Complete	100%	CT-Little Walnut	0%	100%	No	–	No	No	No
9. Little Walnut Rehabilitation, Loyola Lane	Complete	100%	CT-Little Walnut	0%	100%	No	–	No	No	No
10. Lower South Boggy–Phase	Complete	100%	ON-South Boggy	100%	0%	No	–	Yes – APPROVED	Yes–Spring, Wetland – APPROVED (2)	Yes
11. Shoal Creek WW Improvements Seton/Churchill	Complete	100%	CT-Shoal	5%	95%	No	–	Yes – APPROVED	No	No
12. South Congress Overflow Abatement	Complete	100%	ON-Slaughter	0%	100%	No	–	No	No	No
13. Upper Shoal–Lower Hancock Branch @ North Loop	Complete	100%	CT–Upper Shoal	100%	0%	No	–	YES–APPROVED	No	No
14. Upper Shoal–Spicewood Branch @ Foster Lane	Complete	100%	CT–Upper Shoal	5%	95%	Yes	Some	Yes–APPROVED	No	No
15. Upper Shoal–Upper Hancock Branch @ Hardy Drive	Complete	100%	CT–Upper Shoal	0%	100%	No	–	No	No	No



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PROJECT NAME	Status	Percent Constructed	Subbasin	Existing Line in Creek	Existing Line in Street or Outside Creek	Route Study	Alternate Route Chosen	Anticipated Variances from LDC		Anticipated Parks Use
								CWQZ Variance	Critical Environmental Feature – Spring, Wetland, Rimrock or Bluff	
16. Upper Tannehill–Airport & I35	Complete	100%	CT–Upper Tannehill	33%	67%	Yes	Some	Yes–APPROVED	No	No
17. Upper Tannehill–Briarcliff & Belfast	Complete	100%	CT–Upper Tannehill	58%	42%	Yes	All	Yes–APPROVED	No	No
18. Upper Tannehill–Lower Fort Branch–Manor Hills	Complete	100%	CT–Upper Tannehill	70%	30%	No	–	Yes–APPROVED	No	No
19. Upper Tannehill–Old Manor	Complete	100%	CT–Upper Tannehill	70%	30%	No	–	Yes–APPROVED	No	No
20. Wellington/Boggy Creek	Complete	100%	Govalle	0%	100%	No	–	No	No	No
21. West University Phase 1	Complete	100%	CT–Upper Shoal	0%	100%	No	–	No	No	Yes
22. West University, Phase 2	Complete	100%	CT–Upper Shoal	70%	30%	No	No	Yes – APPROVED	Yes – Rimrock – APPROVED	Yes
23. Westgate/Tahoe	Complete	100%	ON–Williamson	100%	0%	Yes	All	No	No	No
24. Windsor Phase 1	Complete	100%	GV–Shoal	0%	100%	No	–	No	No	Yes
25. Windsor Phase 2	Complete	100%	GV–Shoal	0%	100%	No	–	No	No	Yes
26. Great Streets & Lower Little Walnut	Complete	100%	CT –Little Walnut	0%	100%	No	–	No	No	No
27. Harold Court SSO Emergency Project	Complete	100%	GV- Boggy	100%	0%	No	–	No	No	No
28. Onion Creek/Lower South Boggy Phase II	Complete	100%	GV-Boggy	0%	100%	No	–	No	No	No
29. Govalle 3–Wickershire Lane/ Burleson Court (Phase 1)	Complete	100%	GV–Country Club	2%	98%	No	–	Yes – APPROVED	No	Yes
30. Little Walnut/Buttermilk at 290 & 183 – 183 crossing	Complete	100%	CT-Little Walnut	0%	100%	No	–	No	No	No
31. Little Walnut/Buttermilk – Colony Creek North (Capital Metro)	Complete	100%	CT-Walnut	0%	100%	No	–	No	No	No
32. Barn Swallow Drive	Close Out	100%	GV–Eanes	0%	100%	No	–	Yes – APPROVED	Yes – APPROVED	TBD
33. Little Walnut/Buttermilk– Colony Creek South	Close out	100%	CT–Little Walnut	100%	0%	No	–	Yes – APPROVED	YES – Wetland – APPROVED	No



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PROJECT NAME	Status	Percent Constructed	Subbasin	Existing Line in Creek	Existing Line in Street or Outside Creek	Route Study	Alternate Route Chosen	Anticipated Variances from LDC		Anticipated Parks Use
								CWQZ Variance	Critical Environmental Feature – Spring, Wetland, Rimrock or Bluff	
34. Shoal Creek WW Improvements 25 th to 29 th	Close Out	100%	CT-Shoal	0%	100%	No	–	Yes – APPROVED	No	Yes
35. Upper West Waller–45 th & Speedway	Close Out	100%	CT-Upper Waller	15%	85%	Yes	All	Yes–APPROVED	No	No
36. Upper Shoal–Spicewood Branch @ Wood Hollow Drive	Close Out	100%	CT-Upper Shoal	100%	0%	Yes	Some	Yes–APPROVED	Yes–Spring, Wetland–APPROVED	No
37. Upper Shoal–Spicewood Springs Road West of Mesa Blvd.	Close Out	100%	CT-Upper Shoal	0%	100%	Yes	All	No	No	No
38. 13 th Street WW Improvements	Substantial Complete	100%	GV–Town Lake and Waller	0%	100%	No	–	No	No	No
39. Chicon Street WW Improvements	Substantial Complete	100%	GV–Town Lake and Waller	0%	100%	No	–	No	No	No
40. Pedernales Street 8-inch WW Improvements	Substantial Complete	100%	GV–Town Lake and Waller	0%	100%	No	–	No	No	No
41. San Bernard Street WW Improvements	Substantial Complete	100%	GV–Town Lake and Waller	0%	100%	No	–	No	No	No
42. Breeze Way/ Auburndale	Substantial Completion	100%	CT–Little Walnut	95%	5%	No	No	Yes – APPROVED	Yes – Wetland – APPROVED	Yes
43. Govalle 3–Town Lake/ Riverside Area Drive	Substantial Completion	100%	GV–Town Lake	10%	90%	No	–	Yes – APPROVED	No	No
44. Govalle 3–Wickershire Lane/ Burleson Court (Phase 2)	Substantial Completion	100%	GV–Country Club	5%	95%	No	–	Yes–APPROVED	No	No
45. Little Walnut – Georgian Drive	Substantial Completion	100%	CT–Little Walnut	100%	0%	No	–	Yes – APPROVED	No	No
46. Little Walnut/Buttermilk–Buttermilk Creek	Substantial Completion	100%	CT–Buttermilk	86%	14%	Yes	Most	Yes – APPROVED	No	No
47. Little Walnut/Buttermilk–Colony Creek North	Substantial Completion	100%	CT–Little Walnut	100%	0%	No	–	Yes – APPROVED	Yes – Wetland – APPROVED	No
48. Little Walnut/Buttermilk–Little Walnut @ 290/183	Substantial Completion	100%	CT–Little Walnut	100%	0%	No	–	Yes–APPROVED	Yes–Spring, Rimrock–APPROVED	No

PROJECT NAME	Status	Percent Constructed	Subbasin	Existing Line in Creek	Existing Line in Street or Outside Creek	Route Study	Alternate Route Chosen	Anticipated Variances from LDC		Anticipated Parks Use
								CWQZ Variance	Critical Environmental Feature—Spring, Wetland, Rimrock or Bluff	
49. Little Walnut/Buttermilk–Little Walnut @ Centre Creek	Substantial Completion	100%	CT–Little Walnut	100%	0%	No	–	Yes – APPROVED	Yes – Spring, Rimrock – APPROVED	No
50. Little Walnut/Buttermilk–Little Walnut North	Substantial Completion	100%	CT–Little Walnut	57%	43%	No	–	Yes	Yes – Wetland – APPROVED	No
51. Little Walnut/Buttermilk–Little Walnut South	Substantial Completion	100%	CT–Little Walnut	100%	0%	Yes	All	Yes –APPROVED	Yes–Wetland – APPROVED	Yes
52. Little Walnut/Buttermilk–Quail Creek	Substantial Completion	100%	CT–Little Walnut	82%	18%	Yes	Some	Yes – APPROVED	Yes – Wetland – APPROVED	Yes
53. Moss/Rountree/ Pannell–WW	Substantial Completion	100%	GV–Upper Boggy	0%	100%	No	–	Yes – APPROVED	No	No
54. P2, P9, T11, Williamson	Substantial Completion	100%	ON–Williamson	100%	0%	Yes	All	No	No	Yes
55. Shoal Creek Channel Stabilization	Substantial Completion	100%	CT–Shoal	100%	0%	No	–	No	No	Yes
56. Shoal Creek WW Improvements 29th St. to 34th St. (Tunnel)	Substantial Completion	100%	Border of Crosstown/Govalle	Under Creek	5%	No	–	Yes – APPROVED	YES – Rimrock and Springs – APPROVED	Yes
57. Upper Shoal–Lower Hancock Branch	Substantial Completion	100%	CT–Upper Shoal	80%	20%	Yes	Most	Yes–APPROVED	Yes–Spring, Wetland/Bluff– APPROVED	No
58. Upper Tannehill–Broadmoor & Cameron	Substantial Completion	100%	CT–Upper Tannehill	98%	2%	Yes	Most	Yes–APPROVED	Yes–Wetland– APPROVED	Yes
59. Barton Springs Lift Station Relief Tunnel	Construction	100%	GV–Barton Springs Zone	10%	90%	Yes	Some	Yes – APPROVED	Yes – Spring – APPROVED	Yes
60. Downtown / Whitehorse Trail WW Improvements Phase I	Construction	65%	GV–Town Lake	0%	100%	No	–	No	No	No
61. Downtown/Whitehorse Trail WW Improvements Phase II	Construction	85%	GV – Town Lake	60%	40%	No	-	Yes – APPROVED (2)	No	No
62. Govalle 3–Carson Creek at Montopolis Drive	Construction	42%	GV–Carson	100%	0%	No	–	Yes –APPROVED	Yes – Wetland, Spring – APPROVED	No
63. 12 th Street WW Improvements	Construction	0%	GV–Town Lake and Waller	0%	100%	No	–	No	No	No



AUSTIN CLEAN WATER PROGRAM
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 March 2007

PROJECT NAME	Status	Percent Constructed	Subbasin	Existing Line in Creek	Existing Line in Street or Outside Creek	Route Study	Alternate Route Chosen	Anticipated Variances from LDC		Anticipated Parks Use
								CWQZ Variance	Critical Environmental Feature – Spring, Wetland, Rimrock or Bluff	
64. 4 th Street WW Improvements	Construction	0%	GV–Town Lake and Waller	0%	100%	No	–	No	No	No
65. Govalle 5–Johnson Creek	Construction	0%	GV–Johnson	100%	0%	Yes	Yes	Yes	No	No
66. Little Walnut - Bridgeport Fairfield	Construction	10%	CT–Little Walnut	5%	95%	No	-	Yes - APPROVED	No	No
67. Ft. Branch Bridge & Channel (350 ft Bore)	Construction	85%	CT–Little Walnut	100%	0%	No	-	Yes-APPROVED	No	No
68. Govalle 1–East of Lamar	Bid	--	GV–West Bouldin and East Bouldin	2%	98%	No	–	Yes	Yes – Spring	Yes
69. Govalle 1–Newton Street	Bid	--	GV–East Bouldin	20%	80%	No	–	Yes	No	No
70. Govalle 1–West of Lamar	Bid	--	GV–West Bouldin and Barton	5%	95%	No	–	Yes	No	Yes
71. Govalle 3–Montopolis Drive Area	Bid	--	GV–Carson, Country Club	2%	98%	No	–	Yes - APPROVED	Yes - APPROVED	Yes
72. Govalle 3–Parker Lane/ Metcalfe Road	Bid	--	GV–Country Club	95%	5%	No	–	Yes	No	No
73. 11 th Street Alley WW Improvements	Bid	--	GV–Town Lake and Waller	0%	100%	No	–	No	No	No
74. Angelina Street WW Improvements	Bid	--	GV–Town Lake and Waller	0%	100%	No	–	No	No	No
75. Govalle 5–Bowman Ave/Townes Lane & West 29th	Bid	--	GV–Johnson, Shoal and Taylor South	0%	100%	No	–	No	No	No
76. Barton Heights and Kinney Avenue W and WW Improvements	Bid	--	GV–West Bouldin	0%	100%	No	-	No	No	No
77. Upper Waller SSO (30 th to 31 st) – Priority 1	Bid	--	GV–Waller	0%	100%	No	-	No	No	No
78. Webberville Road WW Improvements	Design 100%	--	GV–Town Lake and Waller	0%	100%	No	–	No	No	No
79. Govalle 1–South 2 nd Street Reroute–Phase 1	Design 100%	--	GV–East Bouldin	50%	50%	Yes	Most	Yes	Yes – Rimrock and Spring	Yes
80. Govalle 4–Manor/Comal/Rosewood WW Improvements	Design 100%	--	GV–Boggy	0%	100%	No	–	Yes	Yes – Wetland	Yes




AUSTIN CLEAN WATER PROGRAM
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PROJECT NAME	Status	Percent Constructed	Subbasin	Existing Line in Creek	Existing Line in Street or Outside Creek	Route Study	Alternate Route Chosen	Anticipated Variances from LDC		Anticipated Parks Use
								CWQZ Variance	Critical Environmental Feature – Spring, Wetland, Rimrock or Bluff	
81. Govalle 4–UT/West 40 th WW Improvements	Design 100%	--	GV–Waller	0%	100%	No	--	Yes	Yes – Wetland	No
82. Govalle 5–Wethersfield/Hartford	Design 100%	--	GV–Johnson, Shoal and Taylor South	0%	100%	No	--	No	Yes	No
83. Upper Tannehill Interceptor	Design 100%	--	CT–Upper Tannehill	90%	10%	No	-	Yes	No	No
84. Govalle /Crosstown Various SSO (Marshall/Murray, Confederate, Upper Tannehill) – Priority 1	Design 30%	--	CT–Upper Tannehill	TBD	TBD	No	-	TBD	TBD	No
85. Govalle 4–Waller/Pedernales WW Improvements	Design 60%	--	GV–Town Lake and Waller	0%	100%	No	--	Yes	No	Yes
86. 24 th and Green	Design 60%	--	GV–Shoal	0%	100%	Yes	No	No	No	No
87. Govalle SSO (W. 5 th and 6 th Street)	Design 60%	--	GV– Fort Branch	0%	100%	No	-	Yes	No	No
88. Gaston Lane WW Improvements	Design 90%	--	Crosstown	5%	95%	No	--	Yes	No	Yes
89. Govalle 2–Travis Heights	Design 90%	--	GV–E. Bouldin and Blunn	0%	100%	No	--	Yes	No	Yes
90. Siphons @ Waynesburg Cove, Loyola/Manor	Design 90%	--	CT–Little Walnut	100%, crossing	0%	No	--	Yes	No	Yes
91. Govalle 2 – Blunn Creek	Design 90%	--	GV– Blunn	0%	100%	No	-	Yes	No	No
92. Little Walnut and Upper Ft. Branch SSO (Rogge/Sweeney, overbrook/Darlington) – Priority 1	Design 90%	--	CT–Walnut/Fort Branch	TBD	TBD	No	-	TBD	TBD	No
93. Cross-Town SSO (Harris Park) – Priority 1	Design 90%	--	CT–Shoal	0%	100%	No	-	No	No	No
94. Govalle 2–Harper’s Branch	Preliminary Engineering	--	GV–Travis Heights	100%	0%	Yes	Yes	No	No	No
95. Govalle 5 Various	Preliminary Engineering	--	GV	TBD	TBD	TBD	TBD	TBD	TBD	TBD

TABLE 2
Access Paths Approved Under Ordinance 030731-55

	PROJECT NAME	Watershed	Barton Springs Zone (Y/N)	Retaining Structure Needed?	Variance Approved?
1	Upper Shoal, Lower Hancock	Shoal	N	No	No
2	Upper Shoal, Spicewood @ Foster	Shoal	N	Yes	None Required
3	Shoal Creek Tunnel	Shoal	N	No	Yes
4	Little Walnut South Tunnel	Little Walnut	N	No	Yes
5	Siphon @ Waynesburg Cove, Loyola/Manor	Little Walnut	N	No	No

Note: All projects listed above are in the Crosstown Basin. No variances have been requested or granted under this Ordinance for the Govalle or Onion Basins





AUSTIN CLEAN WATER PROGRAM


SEMI-ANNUAL REPORT SUPPLEMENTAL

For The

City of Austin Environmental Board



March 2007







ACWP Highlights

- ◆ Private Lateral Repair Program approved by City Council January 2007.
- ◆ Policy Review Committee Meeting was held on December 6th.
- ◆ Managing/Tracking 101 individual projects; all projects on or ahead of schedule.
- ◆ Line televising for the Root Control Program Pilot Study has been completed and the television tapes are currently being evaluated.
- ◆ ACWP staff is currently working with Watershed Protection to determine water quality improvements as a result of the program.








Neighborhood Meetings

- ◆ Held quarterly meetings with Citizens Advisory Group (CAG), Private Lateral Task Force and numerous meetings with neighborhood groups.

– Zilker	– Barton Heights
– Heritage	– South Lamar Businesses
– West Austin	– Austin Heights
– Hyde Park	– Vance Circle
– North Austin Civic Association	




Public Events

Betty Cook Pond Tree Planting 11/06

- Pond was drained as part of the wastewater construction project.
- Working with Watershed, the contractor also completed a pond sediment removal project.
- In collaboration with the neighbors and volunteers from American Youthworks, 9 trees were planted around the pond in various locations.











CIP Project Snapshot

<u>Project Phase</u>	ACWP Managed Projects	Non-ACWP Managed Projects	<u>Total</u>
Planning -	Completed	Completed	0
Design -	18	4	22
Bidding -	10	1	11
Construction -	9	1	10
Substantially Complete	27	0	27
Completed	31	0	31
TOTAL PROJECTS	95	6	101




Construction Progress

Total Estimated Construction	
Cost for the Program:	\$262 M
Awarded to date:	\$141 M
Completed to date:	\$115 M
Remaining to be Awarded:	\$121 M



Construction Progress

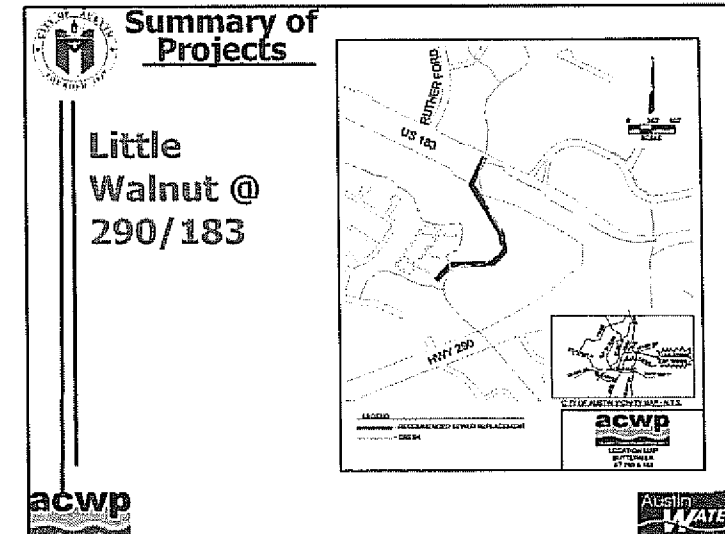
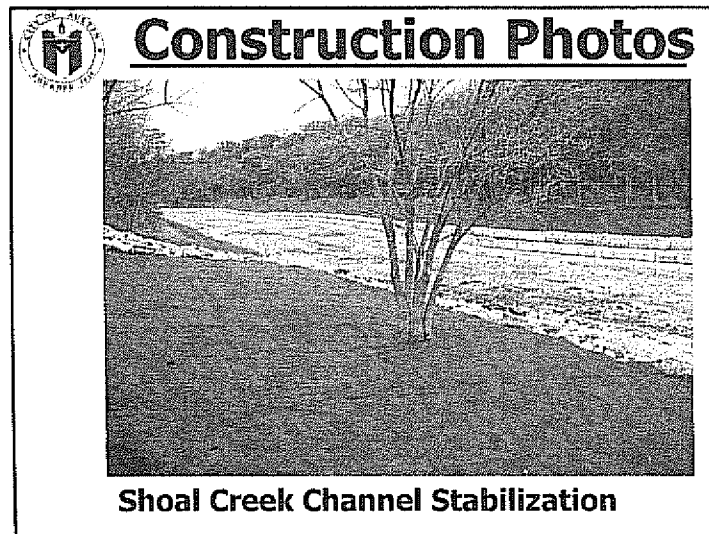
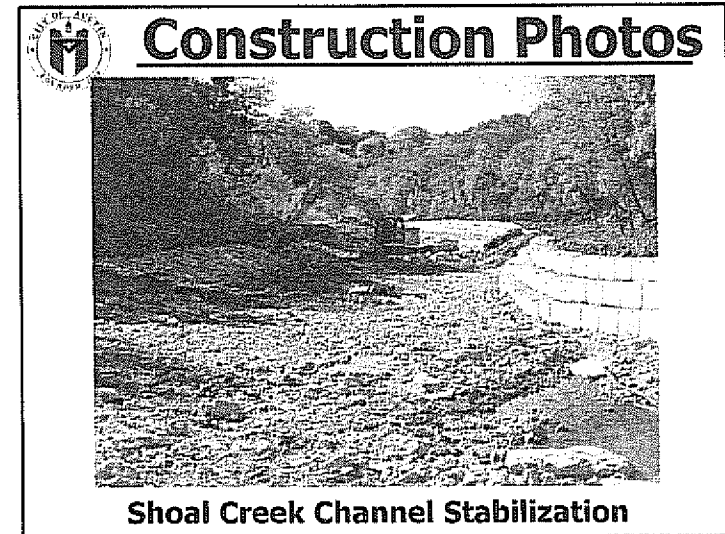
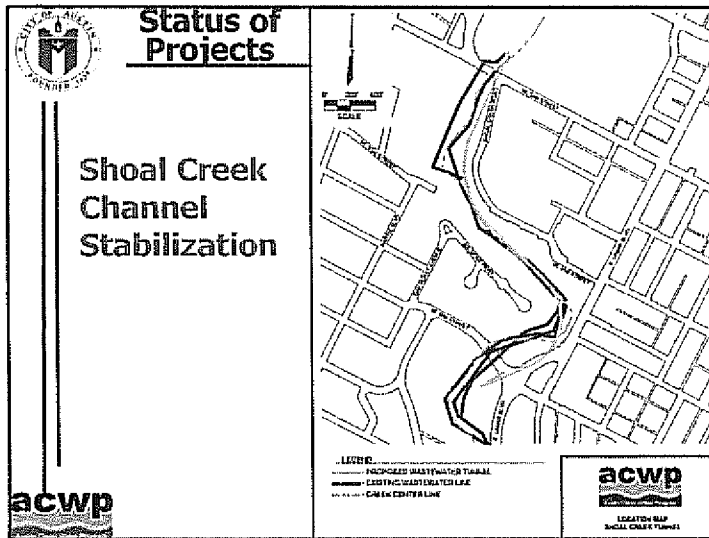
ACWP Projects:	
Pipe Installed Using Open Cut Method:	137,198 LF (~26 miles)
Pipe Installed Using Trenchless Methods:	47,453 LF (~9 miles)
50% of all new pipe required has been installed	

Stream Bank Stabilization

<ul style="list-style-type: none"> ◆ Stream bank improvements total over \$6 M for the 30 projects ◆ Received bids for 69 ACWP projects ◆ 30 of the 69 projects have included stream bank stabilization.





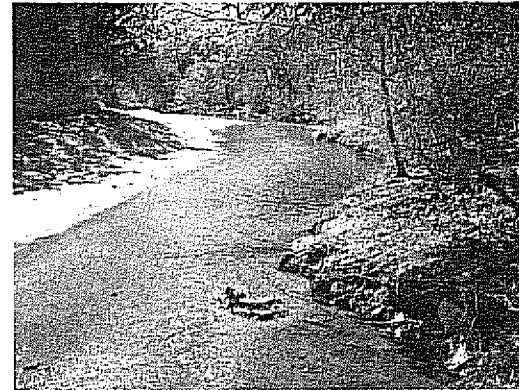
Construction Photos



Little Walnut @ 290/183 Stream Bank Stabilization



Construction Photos



Little Walnut @ 290/183 Creek clean-up -Creek concrete debris, old manhole covers and rings and stones were removed as part of the project



3/21/07

EB meeting
File copy

MEMORANDUM

TO: Environmental Board Members

FROM: Richard Morgan, Manager
AE Green Building

DATE: March 13, 2007

SUBJECT: Green Building basic rating

As requested by Members of the Environmental Board I have forwarded the basic requirements for a commercial green building rating by our program. Please note that multifamily projects that are permitted as commercial, i.e. over three floors of living or work space are rated a commercial projects. Projects that meet these basic requirements will achieve a one star green building rating from our program. To achieve a higher rating projects must meet the requirements of a rather long checklist of items covering energy efficiency/renewable energy, water conservation/water quality, efficient materials use (including diverting construction waste from landfills and using recycled content or recyclable materials), indoor environmental quality, and impact on the community. To fully explain the process of getting a rating higher than one star will require a work session with on of our staff that may or may not be helpful to the Board.

One item in the Austin Climate Protection Plan recently passed by council that is currently being developed is a requirement for a higher level of Green Building than one star for projects that are requesting a variance from the land development code.

If I can be of any further assistance please do not hesitate to contact me.

Respectfully,

Richard

Green Building update

7.2.1 COMMERCIAL RATING

A. REQUIRED MEASURES

The completion of all of the required measures in this subsection shall qualify as meeting the requirements of a GBP One Star Rating of the Commercial Program.

1) Building Systems Commissioning

Verify and ensure that all fundamental building elements and systems are designed, installed and calibrated to operate according to the design intent and the owner's operational needs, and includes the following:

- a. Develop design intent and basis of design documentation
- b. Develop and utilize a commissioning plan
- c. Include commissioning requirements in the construction documents
- d. Verify installation, functional performance, training and documentation
- e. Complete a commissioning report

2) Storm Water Run-off and Water Quality Control

Meet current city drainage and water quality standards applicable in the watershed where the project is located

3) Urban Heat Island Reduction

Use ENERGY STAR compliant, high-reflectance roofing (according to the EPA Energy Star Roof Criteria), for a minimum of 75% of the roof surface.

4) Energy Reduction

Reduce building design energy use compared to the current City of Austin Energy Code by 15%.

5) Building Water Use Reduction

Reduce planned indoor water consumption below the current City of Austin Plumbing Code in aggregate by a minimum of 15%.

6) Low-emitting Paint for Indoor Environmental Quality

All paint used in the interior of the building must meet or exceed the VOC (volatile organic compounds) limit of Green Seal Environmental Standard GS-11.

7) Storage and Collection of Recyclables

Provide an easily accessible area that serves the entire facility and is dedicated to the separation, collection, and storage of materials for recycling including, at a minimum, the top two identified recyclable waste stream items. Building loading dock or pick-up location must be sized appropriately to handle the recycling material volumes generated by the building occupants.

8) Construction Waste Management Plan

Recycle or salvage at least 50% (by weight) of construction, demolition, and land clearing waste.

B. VOLUNTARY MEASURES FOR HIGHER GBP STAR RATINGS

- 1) A Participant who voluntarily desires to achieve a GBP Star Rating higher than the minimum requirements of this document shall follow the process in this section to the fullest extent possible.
- 2) Participant must comply with all applicable requirements outlined in section 7.1.3 of this manual.

- 3) Participant must attend a meeting between GBP Staff and as many members of the project team as possible, at a minimum to include a financial decision-maker for the project and the project's design professional and mechanical engineer, to discuss the project including location, type of development, and current design phase, as well as the basic requirements in order for a project to achieve a GBP Star Rating.
- 4) Participant may complete a variety of the voluntary measures in order to achieve a higher GBP Star Rating.