TRANSPORTATION AND NATURAL RESOURCES
CYNTHIA C. MCDONALD, COUNTY EXECUTIVE, TNR

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DATE: August 3, 2020 APPLICATION #: 20-28538

ENV REVIEW COMMENTS: # 1
☐ RESIDENTIAL ☐ NON-RES (COA ETJ)
☐ FINAL PLAT ☒ NON-RES
☐ PRELIM PLAN ☐ UTILITY
☐ OTHER: _____

PROJECT NAME & ADDRESS:
Barr Lane Concrete Recycling
10506 Barr Lane

Additional Jurisdictions:
☒ Municipal ETJ: Austin ☐ LCRA/HLWO ☐ TCEQ Edwards Aquifer

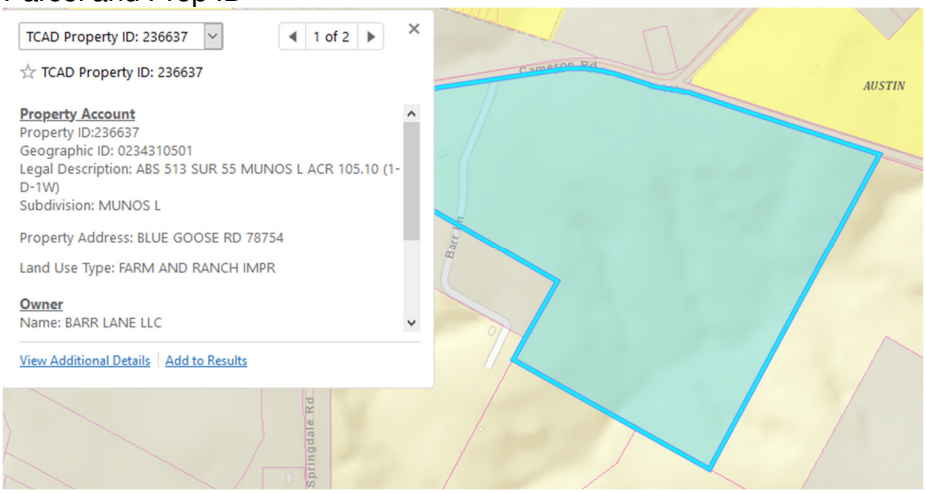
Environmental Technical Standards:
☒ Austin Environmental Criteria Manual ☐ LCRA Technical Manual ☐ Edwards Aquifer

ENV REVIEWER(s): David Kemp - (512) 854-7590 - David.Kemp@traviscountytx.gov

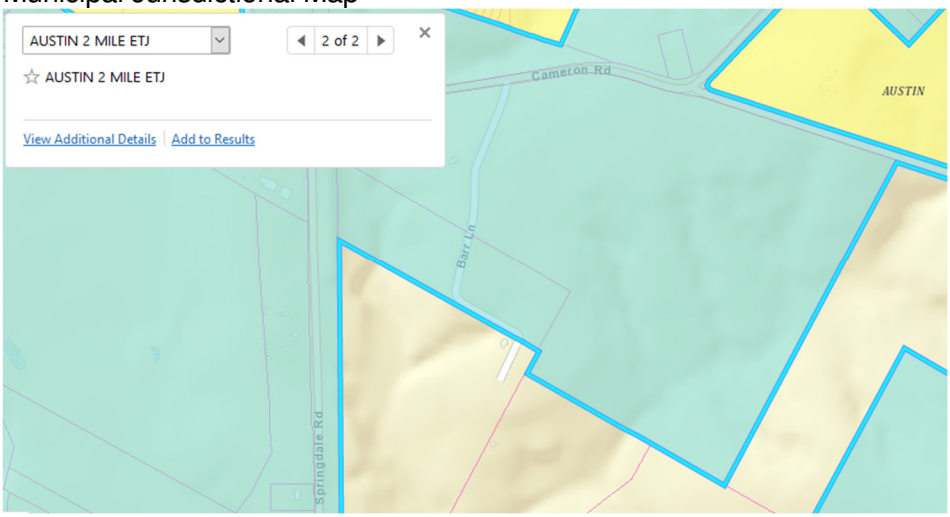
GENERAL

COMMENT NO.	SHEET NO.	COMMENTS
1.	-	This project is within the City of Austin 2-mile ETJ and must provide documentation of an approved Site Plan from the City of Austin in addition to a County permit. Provide a sign-off block for the City of Austin Development Services Department and submit the site plan for their review and approval.

Parcel and Prop ID-



Municipal Jurisdictional Map-



2.	-	Provide this office with documentation once obtained that demonstrates the site's compliance with the US Army Corps of Engineers (USACE) requirement for a Pre-Construction Notification (PCN).
3.	-	Texas Parks & Wildlife Department sand & gravel permit is generally required to disturb or take material within any state-owned stream, any stream that meets the state definition of a navigable stream (Texas Natural Resources Code Chapter §21). If this is the case, contact Tom.Heger@tpwd.texas.gov
4.	-	This project has a proposed driveway tie-in to a county road and is required to obtain a separated driveway permit.
5.	-	Describe what each side of the project will function as and what activities will take place.
6.	-	Provide cut and fill calculations for each side of the project.
7.	-	Clarify the acreage of the select fill removal area, Sheet 5 says 12.15ac and Sheet 15 says 17ac.
8.	-	Provide documentation that this project is compliant with Code Siting Requirements of Chapter 312.003.
9.	-	Engineering Review Comments will be provided separately.
10.	1	Provide total site area (entire area within LOC) on Cover Sheet.
11.	1	Provide total area of disturbance on Cover Sheet.
12.	1	Provide total area of new impervious cover on Cover Sheet.
13.	1	Add Name and Segment ID for downstream receiving waters.
14.	1	Provide note that states the engineer will make periodic inspections and reports of the site status and conditions during construction to ensure compliance with the plans and to address any necessary structural compliance items.

15. 1 Provide a note that states all structural field changes require a plan revision approval in writing before commencement of the work.

WATERWAY & CEF SETBACKS, BCCP INFO AND TREE PRESERVATION

COMMENT NO.	SHEET NO.	COMMENTS
16.	-	Provide a tree assessment and mitigation plan for any trees that may be removed in association with construction activities within the Travis County R.O.W per Sec 482.973.
17.	-	Provide a copy of the Environmental Assessment submitted to the City of Austin.
18.	-	Submit a copy of the Phase 1 ESA completed for this site, if any.
19.	-	Show all waterway/wetland/CEF set-back buffers. - Provide a barrier/demarcation of the protected area to prevent disturbances within setback areas from construction and development activities. - If not already platted, and once approved, the setback area(s) must be recorded by the owner in the Official Public Records of Travis County, Texas.

CONSTRUCTION BMPs – SWP3, ESC PLAN, ETC

COMMENT NO.	SHEET NO.	COMMENTS
20.	NA	The SWP3 **does not have to be submitted for review at this time**, but ultimately must be consistent and identical to all corresponding items in these construction plans as approved by Travis County AND **must be made available at the preconstruction meeting for inspection and verification**. - For clarifying purposes, the City of Austin is the MS4 Operator with lead jurisdiction on this site. SWP3 Inspections must be conducted at the frequency defined by the City of Austin.
21.	NA	Provide an itemized Engineer's estimate for the temporary and permanent erosion and sediment controls (*ESC*) for approval. *See Appendix S-1 of the Austin ECM for guidance. Provide documentation that the City of Austin has approved and will be holding the ESC Fiscal or:* Upon approval, fiscal surety will need to be posted with the County prior to permit issuance. *See 482.1006, Exhibits 482.401 (A)-(D).* - Once approval obtained, Contact Sara Sternberg at 512-854-7689 and/or sara.sternberg@traviscountytx.gov to post ESC Fiscal. - Provide/Upload ESC Fiscal posting receipt to clear this comment.

22.	5-14	Revise the Erosion and Sediment Control (ESC) Plan Sheet. Refer to Sec. 482.935(g)(3) for all requirements/components. Provide them all.
23.	5-14	Bold the Limits of Construction (LOC).
24.	5&7	Indicate SWP3 Sign and Travis County Development Permit posting (Notifications & Permit) location.
25.	5&7	Show rain gauge.
26.	7	Show ESC measures for the driveway construction disturbance within the ROW. Box in upstream end of driveway culvert with silt fence and install a silt fence check/rock berm a minimum of 25' away from down end of driveway culvert.
27.	5	Provide a cross sections of the select fill removal area and pad& stock pile area, provide an additional sheet if needed.
28.	5-14	Provide a contractors staging and spoils area and Install perimeter ESC around it leaving one opening for entry/exit.
29.	5-15	Provide more frequent contour elevation numbers, at least every 5'.
30.	5-14	Add j-hooks to silt fence locations that cross contour lines. Use J-hooks at downhill fence ends to prevent runoff from escaping around sides.
31.	5-14	Show double (silt fence) ESC measures in all locations where the slope grade is 2:1 and steeper and along the entire down gradient length of ponds.
32.	5, 13	Ensure all ESC measures are within the LOC
33.	3&4	Provide a temporary 18" rock berm with filter fabric face inside of the detention pond in front of and against the outlet structure.
34.	5-14	Add the following notes to the ESC Plan Sheet:

- If a concrete washout is to be utilized during construction add a note on the plan sheets that states that the location will be determined once construction has begun and will be properly notated on the site map at that time.

- All required Notices and Permits must be placed in a highly visible location onsite before the commencement of construction.

- All erosion and sedimentation controls (*ESC*) must be installed prior to any disturbance to the project site.

- Install silt fence accordingly for run-on diversion or offsite sediment control depending on up or down slope, facing post side on the down gradient side.

- All ESC used onsite must be regularly monitored and maintained as needed.

- Mud and or dirt tracked into the roadway must be immediately removed upon discovery.

- Excess materials that will be transported to an offsite location must have that location cleared by County Inspector.

- Loose trash and debris must be disposed of properly onsite.

- Contractor shall maintain and utilize dust control for the duration of the project.

- The Stabilized Construction Entrance shall be maintained in a condition that prevents tracking onto the public roadway on an ongoing/regular basis.

- Inlet protection shall be installed immediately upon inlet installation.

- Initiate temporary stabilization when construction ceases in a disturbed area for 14 days.

- Initiate permanent stabilization immediately once work has ceased and final grade has been achieved.

- All disturbed/bare areas will require permanent stabilization before Final Acceptance can be achieved. Avoid disturbing areas of the project that are not necessary for construction.

- County Inspector may request additional controls be installed onsite as needed.

- Temporary ESC's shall remain in place in all disturbed areas until adequate stabilization has been achieved.

- Contractor must remove sediment from all Storm Sewer Inlet Boxes, Lines, Pipes and Culverts before Conditional/Final Acceptance can obtained.

- Travis County requires Certified SWP3 Inspectors to conduct SWP3 inspections and reporting on all projects with one acre of disturbance and larger.

- Permittee shall inspect all inlet protection devices as part of the weekly SWP3 report, upon receiving a forecast calling for a rain event for an extended period, modification of inlet protection should be made to prevent flooding or ponding of water if traffic or property concerns arise.

- A de-watering plan for the pond(s) must be approved by the County Environmental Inspector if the temporary sedimentation pond is de-watered after rainfall events. The de-watering method must minimize the discharge of suspended sediments to the greatest extent feasible by drawing water from the surface of the impoundment.

35. - Ensure that the Technical Specs of ESC devices and Best Management Practices (BMP) meet or exceed the City of Austin Environmental Criteria Manual.

RESTORATION, PERMANENT STABILIZATION

COMMENT NO.	SHEET NO.	COMMENTS

36. - Provide a standalone Stabilization/Restoration Plan showing when, where and how ALL disturbed areas will be stabilized/re-vegetated for final stabilization.

Slopes, channels and embankments can be considered critical site improvements that may experience significant erosion during the re-vegetation process. Additional soil cover measures such as soil blanket, sod, heavy mulching or equivalent measures will be required in these areas along with permanent seeding during re-vegetation.

- Use the maximum sheer stress to be experienced by the drainage channels and outfalls to determine soil blanket and riprap requirements.

- Calculate earthen slope runs that are 3:1 or steeper to determine that soil retention matting is required.

- Provide a standard detail for any and all soil retention matting to be used.

- Add note stating what type of measure will be utilized in association with planned revegetation efforts (*Call out class and type of control as applicable)*

37. - Add these notes to the Restoration Plan Sheet:

- Initiate permanent stabilization immediately once work has ceased and final grade has been achieved in any given area.

- The final stabilization/revegetation efforts shall be in accordance with the approved Restoration Plan details and specifications.

- All 3:1 slopes or steeper require soil retention blanket (SRB).

- The contractor is responsible for providing adequate watering/irrigation to achieve the permanent stabilization requirements in all disturbed/revegetated areas before final acceptance for this project can be obtained.

- All disturbed/bare areas will require permanent stabilization before Final Acceptance can be achieved. Avoid disturbing areas of the project that are not necessary for construction.

- Any disturbed area(s) not indicted to be restored on the restoration plan requires the same efforts as those indicated.

- All disturbed areas must meet the requirement for permanent stabilization.

- The Notice of Termination (NOT) for this project shall not be submitted until the Travis County Environmental Inspector approves clearance.

38. - Provide all seed and soil specifications and seasonal planting notes for final stabilization requirements on the Restoration Plan Sheet.

PERMANENT WATER QUALITY BMPs

COMMENT NO.	SHEET NO.	COMMENTS

39. - Per 482.931.d.2, provide a Water Quality Report (water quality treatment calculations) prepared by the design engineer, that contains:

- a permanent water quality control component which includes a narrative description and provides the calculations justifying the basis for the design of the proposed permanent WQC required under Section 482.944 (see City of Austin ECM Appendix R)

40. - Provide a 3"x5" outlet pipe dissipation pad detail for the filtration/sediment basin outlet pipe(s). This detail should be 3'Lx3'Wx1'D, beginning at the end of the headwall.

41. - Show/clarify how access for maintenance of the pond will be provided.

42. - Provide a Planting Plan for the Vegetative Benches in WQ Wet Ponds A & B.

**** **PLEASE NOTE** ****

1. *Additional ENV comments may be issued and based on the answers and information provided to items listed above.*

2. *When resubmitting information on mypermitnow.org, please include an email to david.kemp@traviscountytx.gov and **attach an ENV comment response letter** that indicates new information has been uploaded to your account and how it addresses outstanding comments.* ***REFERENCE YOUR APPLCATION #***