

MAY 09 2022

Approved

**REQUEST FOR AGENDA PLACEMENT FORM**

**Submission Deadline - Tuesday, 12:00 PM before Court Dates**

<b>SUBMITTED BY:</b> Jennifer VanderLaan	<b>TODAY'S DATE:</b> 05/03/2022
<b><u>DEPARTMENT:</u></b>	<u>Public Works</u>
<b><u>SIGNATURE OF DEPARTMENT HEAD:</u></b>	_____
<b><u>REQUESTED AGENDA DATE:</u></b>	<u>05/09/2022</u>

**SPECIFIC AGENDA WORDING:**

Consideration of approval to send FEMA Conditional Letter of Map Revision for Turkey Creek Landfill project to Half Engineering for review and recommendations.

**PERSON(S) TO PRESENT ITEM:** Jennifer VanderLaan

**SUPPORT MATERIAL: (Must enclose supporting documentation)**

<b>TIME:</b> 10 minutes	<b>ACTION ITEM:</b> <u>  X  </u>
(Anticipated number of minutes needed to discuss item)	<b>WORKSHOP:</b> _____
	<b>CONSENT:</b> _____
	<b>EXECUTIVE:</b> _____

**STAFF NOTICE:**

<b>COUNTY ATTORNEY:</b> _____	<b>IT DEPARTMENT:</b> _____
<b>AUDITOR:</b> _____	<b>PURCHASING DEPARTMENT:</b> _____
<b>PERSONNEL:</b> _____	<b>PUBLIC WORKS:</b> <u>  X  </u>
<b>BUDGET COORDINATOR:</b> _____	<b>OTHER:</b> _____

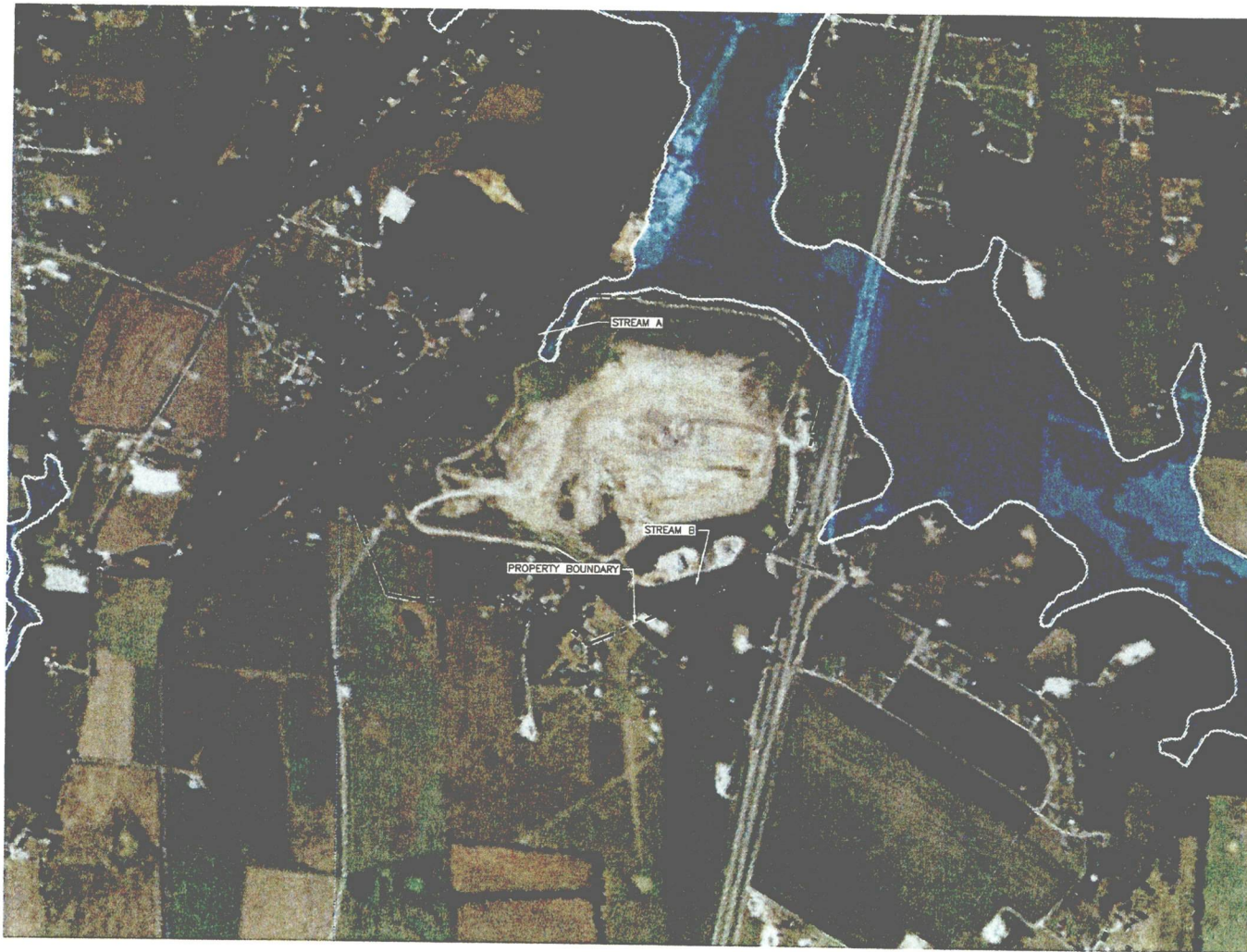
\*\*\*\*\*This Section to be Completed by County Judge's Office\*\*\*\*\*

ASSIGNED AGENDA DATE: \_\_\_\_\_

REQUEST RECEIVED BY COUNTY JUDGE'S OFFICE \_\_\_\_\_

COURT MEMBER APPROVAL \_\_\_\_\_ Date \_\_\_\_\_

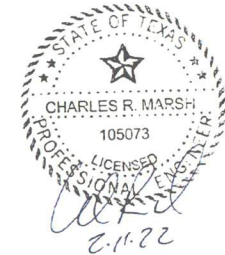
C:\PFT\COMMISSIONS\2024\CDMMA\2-FIRM\fig. 1.a11.mxd, 1:3



### FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR DRAFT FIRM PANEL LAYOUT

	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
	0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee See Notes Zone X
	Area with Flood Risk due to Levee Zone D
	NO SCREEN Area of Minimal Flood Hazard Zone X
	Effective LOMRs
	Area of Undetermined Flood Hazard Zone D
	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
	20.2 Cross Sections with 1% Annual Chance
	17.5 Water Surface Elevation
	8 Coastal Transsect
	Coastal Transsect Baseline
	Profile Baseline
	Hydrographic Feature
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary



**LEGEND**  
 PROPERTY BOUNDARY

**NOTES:**

- REPRODUCED FROM FEMA FIRM NUMBERS 4808810350J AND 4808790350J FOR CITY OF GRANDVIEW, AND JOHNSON COUNTY, UNINCORPORATED AREAS, EFFECTIVE DECEMBER 4TH, 2010.

<input type="checkbox"/> DRAFT	PREPARED FOR	<b>TEXAS REGIONAL LANDFILL COMPANY, LP</b>  CLOMR REQUEST FLOOD INSURANCE RATE MAP (FIRM)									
<input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY											
<input type="checkbox"/> ISSUED FOR CONSTRUCTION		TURKEY CREEK LANDFILL JOHNSON COUNTY, TEXAS  WWW.WCGRP.COM <b>FIGURE A.2</b>									
DATE: 02/20/22 FILE: 077-386-11 DAD: 4.3-FRM.DWG	DRAWN BY: BPT CHECKED BY: BPT REVIEWED BY: CWB	REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION						
NO.	DATE	DESCRIPTION									
<b>Weaver Consultants Group</b> TBPE REGISTRATION NO. F-3727											

COPYRIGHT © 2022 WEAVER CONSULTANTS GROUP. ALL RIGHTS RESERVED.





May 4, 2022  
32083.022

Mr. Ralph McBroom, C.P.M.  
Johnson County  
Purchasing Agent  
1102 E. Kilpatrick, Suite B  
Cleburne, Texas 76031

**RE: Professional Services for Review of The Turkey Creek Landfill CLOMR Application**

Dear Mr. McBroom,

Johnson County has requested Halff Associates, Inc. (Halff) to provide professional engineering services for a review of the FEMA Conditional Letter of Map Revision (CLOMR) application submittal for the Turkey Creek Landfill. This proposal includes the Project Description, Scope of Work, Deliverables, and Fees. The following exhibit is attached to the Proposal:

Exhibit A      Scope of Work

**Project Description**

Halff received a CLOMR application for the Turkey Creek Landfill dated February 11, 2022 by Weaver Consultant Group, LLC. The CLOMR application is based on a proposed revision to an existing landfill which includes modifications to two (2) tributaries to Turkey Creek and the Turkey Creek Zone A floodplain. The existing landfill has a tributary running along the north side and discharging into Turkey Creek on the east side, as well as a tributary running along the south side and discharging into Turkey Creek on the east side. The proposed revision includes realigning the tributaries to accommodate an expanded footprint. Halff Associates will review the hydrologic and hydraulic analysis for the proposed project and the FEMA MT-2 submittal. A detailed Scope of Work is included in the attached Exhibit A.

**Deliverables**

Halff will review and provide written comments to the County for consideration based on the Subdivision Rules and Regulations of Johnson County, state and federal regulations, calculations provided by the applicant, and engineering judgement. Halff requests the County provide any additional adopted ordinances or criteria that should be applied to this review.

**Fees**

**Halff proposes to bill the County hourly for effort associated with the review with a total not to exceed fee of \$6,700.** If the entire budget is not utilized for this review, it will not be billed. If additional effort is required to complete the review, Halff will communicate with the County for approval before exceeding this agreed amount.

We appreciate the opportunity to be of service to Johnson County. If you have any questions, please do not hesitate to call me at (817) 847-1422.

Sincerely,

**HALFF ASSOCIATES, INC.**

A handwritten signature in black ink that reads "Scott A. Rushing".

Scott Rushing, P.E., CFM  
Water Resources Team Leader

**Exhibit 'A'**  
**Proposed Scope of Work**  
**Review of the Turkey Creek Landfill CLOMR Submittal**

**A. Review of Other Engineer's Work Products**

Halff Associates, Inc. shall serve as the ENGINEER to Johnson County who is the COUNTY.

The term "Other Engineer" means any person duly licensed as a professional engineer by the State of Texas and who is not affiliated with ENGINEER as a principal, staff employee or under subcontract involving the "WORK PRODUCT" that is the subject of review. Upon written request by COUNTY and acceptance in writing by ENGINEER, the ENGINEER shall review Drainage Reports and Construction Plans or similar material submitted by "Other Engineers" to COUNTY provided the materials submitted for review bear the "Other Engineer's" seal or suitable verification that such "Other Engineer" accepts full responsibility for the submittal.

**B. Time of Performance**

1. The review is anticipated to be completed within ten (10) business days of delivery to the ENGINEER and notice to proceed by the County.
2. If any individual task is expected to require more than ten (10) business days of delivery to the ENGINEER, due to complexity, regulatory requirements, or external review constraints, a mutually agreed upon schedule will be developed by the COUNTY and the ENGINEER.

**C. Basic Services**

All engineering work shall be reviewed for compliance with current drainage criteria in the Subdivision Rules and Regulations of Johnson County along with compliance with State and Federal regulations.

1. At the request of the COUNTY the ENGINEER will attend up to 2 meetings with the developer or COUNTY. If necessary, up to 1 meeting may be in person at the request of the COUNTY.
2. Discuss with the County, if necessary, any special problems or concerns relative to the proposed development.
3. Determine location of project and collect data on site and downstream conditions through aerial imagery and COUNTY drainage information.
4. Determine if the proposed development is in a FEMA-designated floodplain area.
5. Check to determine if drainage area maps provided in the plans and/or report accurately reflect the correct drainage areas.
6. Check to determine if drainage calculations which support the proposed improvements are provided in the plans and/or report.



7. Review analysis provided by the “Other Engineer” to determine if the proposed development will produce runoff discharges which will impact the downstream system, and recommend if additional off-site improvements (or additional on-site detention) are required to minimize the downstream impacts.
8. Comment on any areas of non-compliance of the plans with the COUNTY’s drainage criteria and Section 404 permitting criteria (impacts to jurisdictional waters, wetlands, or other environmentally sensitive areas).
9. Verify that the latest FEMA-designated floodplain limits, panel number and map number are shown on the drainage area map and plat, or have been modified by FEMA-approved flooding report prepared by the “Other Engineer”.
10. Comment on any potential maintenance or operation problems.
11. Provide value engineering comments, as needed.
12. Determine if the plans include an adequate erosion control plan to meet County, State and Federal requirements.
13. Review and check hydrology and hydraulic studies for open channels (when required by the COUNTY)
14. Submit review comments (via e-mail) and ‘red lined’ plans to the COUNTY, and discuss with the COUNTY and/or the “Other Engineer” the review comments, if necessary. Include any County comments in the letter. All review comments submitted to County staff will be submitted by ENGINEER’s designated point of contact or secondary point of contact.
15. Provide one (1) follow-up review and provide comments as required. After all comments have been resolved, provide final recommendation letter that the drainage issues have been addressed and for the County to release the drainage plans and/or report.

**D. Items Not included in this Scope of Services**

1. The ENGINEER cannot comment on the professional competence, integrity, honesty, ethics or other personal characteristics of the “Other Engineer”.
2. The ENGINEER cannot comment on the accuracy of all plan dimensions furnished.
3. The ENGINEER cannot comment on the validity of dedications, acknowledgements and certifications included in the plan and/or report submittals.
4. The ENGINEER cannot comment on the completeness, accuracy, precision and interpretation of the topographic field survey data provided by the “Other Engineer”.
5. The ENGINEER cannot confirm that construction of the proposed drainage improvements is performed in accordance with the reviewed report and/or plans.
6. The ENGINEER cannot assure that compliance with specific regulations as planned is feasible and field confirmation it is built as planned.
7. The ENGINEER cannot comment on operational and maintenance problems which are not detectable from the drawings.



- 8. The ENGINEER cannot comment on detailed drainage onto private land if off-site grading and improvements are not shown on the plans.
- 9. The ENGINEER cannot comment on permits or special arrangements for physical features not shown on the topographic plans.

**E. Items to be furnished by the "Other Engineer"**

The "Other Engineer" will furnish copies of all associated on-site and off-site drainage background information including record plans and studies for review with the initial study.

The "Other Engineer" shall address all comments either by plan revision or by written explanation. Disputed comments will be addressed in writing. Failure to address comments will be cause for additional reviews and possible additional compensation.

**AGREED AND ACCEPTED**

\_\_\_\_\_  
Scott Rushing, P.E., CFM  
Water Resources Team Leader

\_\_\_\_\_  
5/4/2022  
Date

  
\_\_\_\_\_  
Johnson County

\_\_\_\_\_  
5-9-22  
Date