



Floodplain ESA Assessment Form

Environmental Services and Sustainability

A Floodplain ESA Assessment Form is to be completed for each feature identified as potentially to exist on the Official ESA Map. Features of substantially similar characteristics and location may be grouped together on one form. More information about Undeveloped Floodplains and assessing this feature may be found on the [City of Denton webpage](#).

Property Address or Property ID:	R	Feature ID(s):	
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Property ID can be found through Denton Central Appraisal District Provide a unique ID for each feature when multiple features are assessed

Hydrologic Segment Information:

Name:	Width	Order
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When available, stream segment name.

Approximate stream width.

Stream order.

Assessment Conclusion:

Select one of the following.

- IS an ESA. Based upon this assessment the area is an Undeveloped Floodplain ESA. I recommend the Official ESA Map be updated to confirm the ESA designation in this area.
- NOT an ESA. Based upon this assessment the floodplain is developed. I recommend the Official ESA Map be updated to remove the ESA designation from this area.

Assessment Comments:

Provide a summary of details found in the field to support the conclusion selected above.

Attachments Provided:

Required:	<input type="checkbox"/> overall site map <input type="checkbox"/> current map of feature <input type="checkbox"/> proposed map of feature <input type="checkbox"/> soils map <input type="checkbox"/> photographs representative of feature
Other:	

Field Assessor:

Name of Field Assessor:

Affiliation of Field Assessor (Organization):

Date the assessment was performed:

I certify that the information provided here is an accurate description of the area(s) assessed.	
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Environmental Services Representative:

I concur with the description of this ESA and conclusion of this assessment.	
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Section 1. General Information

General Land Use:

Provide description of land hydrologically influencing feature. Select all that apply and provide more details as appropriate.

<input type="checkbox"/> Forest	Briefly describe:
<input type="checkbox"/> Agricultural:	<input type="checkbox"/> Pasture <input type="checkbox"/> Fallow <input type="checkbox"/> Crop, crop type:
<input type="checkbox"/> Residential:	<input type="checkbox"/> Low Intensity <input type="checkbox"/> High Intensity
<input type="checkbox"/> Commercial/Industrial	
<input type="checkbox"/> Recreational	
<input type="checkbox"/> Other:	

Soil Map Unit Name(s):

Provide soil classification types where feature occurs.

Section 2. Floodplain Conditions

Are there modifications (cut/fill) of the floodplain?	<input type="checkbox"/> yes (answer question below) <input type="checkbox"/> no
Describe:	
Are there structures in the floodplain?	<input type="checkbox"/> yes (answer question below) <input type="checkbox"/> no
Describe:	

Waterway present: yes (complete the table below and Riparian Buffer ESA form) no

Waterway	<input type="checkbox"/> natural <input type="checkbox"/> channelized <input type="checkbox"/> impounded
Sinuosity	<input type="checkbox"/> meandering <input type="checkbox"/> braided <input type="checkbox"/> straight

Section 3. Soil Erosion and Deposition

Is there evidence of sheet flow across the floodplain?	<input type="checkbox"/> yes (answer question below) <input type="checkbox"/> no
Active sheet flow erosion is:	<input type="checkbox"/> slight <input type="checkbox"/> moderate <input type="checkbox"/> severe
Is there evidence of concentrated flow?	<input type="checkbox"/> yes (answer question below) <input type="checkbox"/> no
Active concentrated flow erosion is:	<input type="checkbox"/> slight <input type="checkbox"/> moderate <input type="checkbox"/> severe

Does the floodplain slope to the waterway or is a natural levee present?

toward natural levee. Complete the table below.

Does natural levee create conditions for water-related habitat?	<input type="checkbox"/> yes (complete Water-Related Habitat form) <input type="checkbox"/> no
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Section 4. Brief Vegetation Survey

List all vegetative species covering >10% of the feature area.

Scientific name	Common name	% Cover