

Aquatic Life Monitoring and Habitat Assessment Checklist

Background Information

Name of water body: _____

Segment number: _____ Station ID: _____

On segment: Yes No

Permit number, if applicable: _____ Circle monitoring objective: ALM ALU UAA RWA

Historic stream characterization:

Intermittent Intermittent with perennial pools Perennial Unknown
sufficient to support significant aquatic
life use

Basis for historic stream characterization (describe):

Current aquatic life use designation (if classified segment or site specific standard determined):

Exceptional High Intermediate Limited

Current assessment status on the (year) _____ Water Quality Inventory, 305(b) Report:

Supported Partially Supported Not Supported Concern Not Assessed

Field data entry (FDE) information: Date entered into FDE: _____ RTAG #: _____
(TCEQ regional biologists only)

Field data (CRP partners only): Tag #: _____

Objective for Aquatic Life Use Assessment

Is this water body supporting its designated uses? Yes No Reason:

Known or potential causes of aquatic life use concern or impairment:

Identify sources of pollution:

Point source: Yes No Identify:

Nonpoint source: Yes No Identify:

Ambient toxicity tests in water body? Yes No

Results:

	Sediment Chronic	Sediment Acute	Water Chronic	Water Acute
Significant effect				
No significant effect				

Monitoring Information

Biological monitoring conducted during index period (03/15 to 06/30 and 10/01 to 10/15) and critical period (07/01-09/30).

Stream characterization event 1, date:

Dry	Pools covering _____% of the _____meters assessed	Flowing at cfs (measured)
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Note: If sampling event for a RWA, characterize the receiving stream upstream of the existing discharge point or downstream of the proposed discharge point.

Stream characterization event 2, date:

Dry	Pools covering _____% of the _____meters assessed	Flowing at cfs (measured)
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Describe conditions which may have adversely affected stream during each sampling event (for example, recent rains, drought, and construction):

Nekton sampling event 1:

Minimum 15-minute (900 seconds) electrofishing:	Yes	No
Minimum 6 seine hauls (or equivalent effort to sample 60 meters):	Yes	No
Fish sampling conducted in all available habitat types:	Yes	No

If no, please describe why:

Benthic macroinvertebrate sampling event 1:

Indicate method(s) used:
Rapid bioassessment (5-minute kicknet or snags):
Quantitative (Surber, snags, or dredge):

Habitat assessment event 1:

TCEQ habitat protocols:	Yes	No
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Stream flow measurement event 1:

Instantaneous measurement:	Yes	No
USGS gauge reading:	Yes	No

Nekton sampling event 2:

Minimum 15-minute (900 seconds) electrofishing:	Yes	No
Minimum 6 seine hauls (or equivalent effort to sample 60 meters):	Yes	No
Fish sampling conducted in all available habitat types:	Yes	No

If no, please describe why:

Benthic macroinvertebrate sampling event 2:

Indicate method(s) Used:
Rapid bioassessment (5-minute kicknet or snags):
Quantitative (Surber, snags or dredge):

Habitat assessment event 2:

TCEQ habitat protocols:	Yes	No
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If no, flow, wetted channel width, photographs, description of bank conditions relative to first event, and description of canopy cover conditions relative to first event must be provided in this packet.

Stream flow measurement event 2:

Instantaneous measurement:	Yes	No
USGS gauge reading:	Yes	No

Assessment Results (Optional)

Fish community index event 1:

Exceptional	High	Intermediate	Limited
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Fish community index event 2:

Exceptional	High	Intermediate	Limited
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Benthic macroinvertebrate community index event 1:

Exceptional	High	Intermediate	Limited
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Benthic macroinvertebrate community index event 2:

Exceptional	High	Intermediate	Limited
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Habitat index event 1:

Exceptional	High	Intermediate	Limited
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Habitat index event 2:

Exceptional	High	Intermediate	Limited
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