Elements of the Biological Data Summary Packet

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:_____ Check monitoring objective: ALM ❑ ALU ❑ UAA ❑ RWA ❑

Historic Stream Characterization (circle one):

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

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 ❑

Data Entry

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)

Describe conditions that may have adversely affected stream during each sampling event (for example, recent rains, drought, construction):

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)

Describe conditions that may have adversely affected stream during each sampling event (for example, recent rains, drought, 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 ❑ snags ❑
Quantitative: Surber ❑ snags ❑ dredge ❑

Habitat assessment event 1:
TCEQ habitat protocols: Yes ❑ No ❑

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 ❑ snags ❑
Quantitative: Surber ❑ snags ❑ dredge ❑

Habitat assessment event 2:
TCEQ habitat protocols: Yes ❑ No ❑

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 ❑
Fish community index event 2:
Exceptional ❑ High ❑ Intermediate ❑ Limited ❑

Benthic macroinvertebrate community index event 1:
Exceptional ❑ High ❑ Intermediate ❑ Limited ❑
Benthic macroinvertebrate community index event 2:
Exceptional ❑ High ❑ Intermediate ❑ Limited ❑

Habitat index event 1:
Exceptional ❑ High ❑ Intermediate ❑ Limited ❑
Habitat index event 2:
Exceptional ❑ High ❑ Intermediate ❑ Limited ❑