

Appendix H. Segment 0831 Nekton IBIs and Species Lists

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	14	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	3	5
4. Total number of sucker species	0	1
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	59.84	1
7. Percentage of individuals as omnivores	0.8	5
8. Percentage of individuals as insectivores	85.94	5
9. Percentage of individuals as piscivores	4.42	3
10. Number of individuals in sample	252	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	11	1
AQUATIC LIFE USE: Intermediate	Total Points:	40

STREAM : Clear Fork Trinity Seg. 0831
 DATE: 8August2001
 COUNTY: Parker
 LOCATION: Station **17446**

ECOREGION #: 29

PARAMETRIC DATA

Station 17446

8 August 2001

STORET CODE	(<) OR (>)	Value	Description
98498		2	Pimphales vigilax
98502		18	Campostoma anamolum
98437		1	Cyprinus carpio
98564		1	Ameiurus natalis
98677		1	Fundulus notatus
99094		7	Lepomis cyanellus
99099		9	Lepomis megalotis
99097		4	Lepomis macrochirus
99090		2	Micropterus salmoides
99085		2	Etheostoma spectabile

Measurement Comments and Field Observations:

Electrofishing effort; water color milky to gray green; construction in area

PARAMETRIC DATA

Station 17446

8 August 2001

STORET CODE	(<) OR (>)	Value	Description
98498		12	Pimphales vigilax
98474		74	Cyprinella lutrensis
98487		17	Cyprinella venusta
98502		4	Campostoma anamolum
98677		14	Fundulus notatus
98713		25	Gambusia affinis
98728		16	Menidia beryllina
99097		38	Lepomis macrochirus
99092		3	Lepomis spp.
99090		2	Micropterus salmoides

Measurement Comments and Field Observations:

Seining effort; water color milky to gray green; construction in area

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	12	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	1	3
4. Total number of sucker species	1	3
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	0.67	5
7. Percentage of individuals as omnivores	0.34	5
8. Percentage of individuals as insectivores	93.6	5
9. Percentage of individuals as piscivores	1.35	3
10. Number of individuals in sample	335	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: High	Total Points:	48

STREAM : Clear Fork Trinity Seg. 0831
 DATE: 8August2001
 COUNTY: Parker
 LOCATION: Station **11060**

ECOREGION #: 29

PARAMETRIC DATA

Station 11060

8 August 2001

STORET CODE	(<) OR (>)	Value	Description
98486		3	Lythurus umbratilis
98487		2	Cyprinella venusta
98498		4	Pimphales vigilax
98502		14	Campostoma anamolium
98564		1	Ameiurus natalis
99085		3	Etheostoma spectabile

Measurement Comments and Field Observations:

Electrofishing effort; zsd is 9" in 2.5 ft; brownish water

PARAMETRIC DATA

Station 11060

8 August 2001

STORET CODE	(<) OR (>)	Value	Description
98474		1	Cyprinella lutrensis
98486		111	Lythurus umbratilis
98487		54	Cyprinella venusta
98498		54	Pimphales vigilax
98517		3	Minytrema melanops
98677		29	Fundulus notatus
98713		1	Gambusia affinis
99085		1	Etheostoma spectabile
99090		4	Micropterus salmoides
99092		38	Lepomis spp.
99099		12	Lepomis megalotis

Measurement Comments and Field Observations:

Seining effort; Zsd is 9" in 2.5 ft; brownish water

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	12	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	3	5
4. Total number of sucker species	0	1
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	21	1
7. Percentage of individuals as omnivores	0	5
8. Percentage of individuals as insectivores	65	3
9. Percentage of individuals as piscivores	1	3
10. Number of individuals in sample	584	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Intermediate	Total Points:	42

STREAM : Clear Fork Trinity Seg. 0831
 DATE: 9August2001
 COUNTY: Parker
 LOCATION: Station **17445**

ECOREGION #:

29

PARAMETRIC DATA

Station 17445

9 August 2001

STORET CODE	(<) OR (>)	Value	Description
98474		1	Cyprinella lutrensis
98487		1	Cyprinella venusta
98486		1	Lythurus umbratilis
98502		1	Campostoma anamolum
98677		1	Fundulus notatus
99094		2	Lepomis cyanellus
99099		2	Lepomis megalotis
99097		1	Lepomis macrochirus

Measurement Comments and Field Observations:

Electrofishing effort; abundant algae; cattle downstream

PARAMETRIC DATA

Station 17445

9 August 2001

STORET CODE	(<) OR (>)	Value	Description
98498		15	Pimphales vigilax
98474		39	Cyprinella lutrensis
98487		108	Cyprinella venusta
98486		5	Lythurus umbratilis
98502		197	Campostoma anamolum
98677		121	Fundulus notatus
98713		81	Gambusia affinis
99099		1	Lepomis megalotis
99090		5	Micropterus salmoides
99085		2	Etheostoma spectabile

Measurement Comments and Field Observations:

Seining effort; abundant algae; cattle downstream

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	14	3
2. Total number of darter species	0	1
3. Total number of sunfish species (excl. Bass)	3	5
4. Total number of sucker species	1	3
5. Total number of intolerant species	1	3
6. Percentage of individuals as tolerants	36.12	1
7. Percentage of individuals as omnivores	0.12	5
8. Percentage of individuals as insectivores	93.74	5
9. Percentage of individuals as piscivores	0.24	1
10. Number of individuals in sample	1671	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0.3	5
AQUATIC LIFE USE: Intermediate	Total Points:	42

STREAM : Clear Fork Trinity Seg. 0831
 DATE: 9August2001
 COUNTY: Parker
 LOCATION: Station **17444**

ECOREGION #:

29

PARAMETRIC DATA

Station 17444

9 August 2001

STORET CODE	(<) OR (>)	Value	Description
98498		711	Pimphales vigilax
98474		458	Cyprinella lutrensis
98487		232	Cyprinella venusta
98486		1	Lythurus umbratilis
98502		98	Campostoma anamolum
98517		1	Minytrema melanops
98574		1	Noturus gyrinus
98561		2	Ictalurus punctatus
98677		12	Fundulus notatus
98713		133	Gambusia affinis
99094		1	Lepomis cyanellus
99096		0	Lepomis humilis
99099		3	Lepomis megalotis
99097		5	Lepomis macrochirus
99092		10	Lepomis spp.
99090		3	Micropterus salmoides

Measurement Comments and Field Observations:

Seining effort; clear water; no electrofishing due to wet equipment so over 100 meters were seined; electroshock was compromised when crew found a hole deeper than could be waded and equipment got wet.

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	23	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	5	5
4. Total number of sucker species	1	3
5. Total number of intolerant species	2	3
6. Percentage of individuals as tolerants	52	1
7. Percentage of individuals as omnivores	7	5
8. Percentage of individuals as insectivores	87	5
9. Percentage of individuals as piscivores	5	5
10. Number of individuals in sample	271	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0.4	5
AQUATIC LIFE USE: High	Total Points:	50

STREAM : Clear Fork Trinity Seg. 0831
 DATE: 10August2001
 COUNTY: Parker
 LOCATION: Station **13691**

ECOREGION #: 29

PARAMETRIC DATA

Station 13691

10 August 2001

STORET CODE	(<) OR (>)	Value	Description
98498		4	Pimphales vigilax
98487		2	Cyprinella venusta
98502		14	Campostoma anamolum
98564		1	Ameiurus natalis
99060		2	Percina carbonaria

Measurement Comments and Field Observations:

Electrofishing effort; zsd is 12" in 18"; greenish color; attached & floating algae;

PARAMETRIC DATA

Station 13691

10 August 2001

STORET CODE	(<) OR (>)	Value	Description
98430		3	Dorosoma cepedianum
98437		13	Cyprinus carpio
98474		62	Cyprinella lutrensis
98487		35	Cyprinella venusta
98498		8	Pimphales vigilax
98502		3	Campostoma anamolum
98517		12	Minytrema melanops
98561		1	Ictalurus punctatus
98564		1	Ameiurus natalis
98570		7	Pylodictis olivaris
98574		1	Noturus gyrinus
98677		13	Fundulus notatus
98713		56	Gambusia affinis
98728		21	Menidia beryllina
99060		14	Percina carbonaria
99090		1	Micropterus salmoides
99094		1	Lepomis cyanellus
99096		1	Lepomis humilis
99097		6	Lepomis macrochirus
99099		6	Lepomis megalotis
99100		1	Lepomis microlophus
99109		1	Pomoxis nigromaculatus
99163		4	Morone chrysops

Measurement Comments and Field Observations:

Seining effort; zsd is 12" in 18"; greenish color; attached & floating algae;

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	17	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	4	5
4. Total number of sucker species	0	1
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	33	1
7. Percentage of individuals as omnivores	2.1	5
8. Percentage of individuals as insectivores	87	5
9. Percentage of individuals as piscivores	2	3
10. Number of individuals in sample	190	3
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Intermediate		Total Points: 42

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 08 MAY 2002
 COUNTY: Parker
 LOCATION: Station **17446**

Ecoregion #: 29

PARAMETRIC DATA

Station 17446

8 May 2002

STORET CODE	(<) OR (>)	Value	Description
98564		1	Ameiurus natalis
98713		1	Gambusia affinis
98437		2	Cyprinus carpio
99094		2	Lepomis cyanellus
98677		2	Fundulus notatus
99085		3	Etheostoma spectabile
98498		5	Pimphales vigilax
99099		6	Lepomis megalotis
99097		7	Lepomis macrochirus
98502		15	Campostoma anamolum

Measurement Comments and Field Observations:

Electrofishing effort

PARAMETRIC DATA

Station 17446

8 May 2002

STORET CODE	(<) OR (>)	Value	Description
98441		1	Notemigonus chrysoleucas
98563		1	Ameiurus melas
99090		1	Micropterus salmoides
99109		2	Pomoxis nigromaculatus
98486		3	Lythurus umbratilis
99099		4	Lepomis megalotis
98677		8	Fundulus notatus
99097		15	Lepomis macrochirus
98487		17	Cyprinella venusta
98474		33	Cyprinella lutrensis
98498		61	Pimphales vigilax

Measurement Comments and Field Observations:

Seining effort

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	18	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	6	5
4. Total number of sucker species	0	1
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	34	1
7. Percentage of individuals as omnivores	1	5
8. Percentage of individuals as insectivores	96	5
9. Percentage of individuals as piscivores	2	3
10. Number of individuals in sample	436	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Intermediate		Total Points: 44

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 08 MAY 2002
 COUNTY: Parker
 LOCATION: Station **11060**

Ecoregion #: 29

PARAMETRIC DATA

Station 11060

8 May 2002

STORET CODE	(<) OR (>)	Value	Description
98437		1	Cyprinus carpio
98441		1	Notemigonus chrysoleucas
99093		1	Lepomis auritus
99096		1	Lepomis humilis
99097		1	Lepomis macrochirus
98713		1	Gambusia affinis
98677		1	Fundulus notatus
98474		1	Cyprinella lutrensis
98570		2	Pylodictis olivaris
99109		2	Pomoxis nigromaculatus
99094		3	Lepomis cyanellus
99085		4	Etheostoma spectabile
98498		4	Pimphales vigilax
98564		5	Ameiurus natalis
98486		5	Lythurus umbratilis
99099		9	Lepomis megalotis
98487		11	Cyprinella venusta

Measurement Comments and Field Observations:

Electrofishing effort

PARAMETRIC DATA

Station 11060

8 May 2002

STORET CODE	(<) OR (>)	Value	Description
99096		1	Lepomis humilis
99097		3	Lepomis macrochirus
99090		5	Micropterus salmoides
98713		7	Gambusia affinis
98677		9	Fundulus notatus
98498		39	Pimphales vigilax
98486		55	Lythurus umbratilis
98474		131	Cyprinella lutrensis
98487		133	Cyprinella venusta

Measurement Comments and Field Observations:

Seining effort

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	16	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	4	5
4. Total number of sucker species	1	3
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	39	1
7. Percentage of individuals as omnivores	0.3	5
8. Percentage of individuals as insectivores	95	5
9. Percentage of individuals as piscivores	4	3
10. Number of individuals in sample	660	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Intermediate to High		Total Points: 46

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 07 MAY 2002
 COUNTY: Parker
 LOCATION: Station **17445**

Ecoregion #: 29

PARAMETRIC DATA

Station 17445

7 May 2002

STORET CODE	(<) OR (>)	Value	Description
99085		1	Etheostoma spectabile
98502		1	Campostoma anamolum
98487		1	Cyprinella venusta
98564		2	Ameiurus natalis
98570		2	Pylodictis olivaris
99097		3	Lepomis macrochirus
98677		3	Fundulus notatus
99099		4	Lepomis megalotis
99100		5	Lepomis microlophus
99094		7	Lepomis cyanellus

Measurement Comments and Field Observations:

Electrofishing effort

PARAMETRIC DATA

Station 17445

7 May 2002

STORET CODE	(<) OR (>)	Value	Description
98517		1	Minytrema melanops
98486		2	Lythurus umbratilis
98713		2	Gambusia affinis
99099		2	Lepomis megalotis
99100		2	Lepomis microlophus
99097		5	Lepomis macrochirus
98502		6	Campostoma anamolum
99090		17	Micropterus salmoides
98677		18	Fundulus notatus
98498		68	Pimphales vigilax
98474		241	Cyprinella lutrensis
98487		267	Cyprinella venusta

Measurement Comments and Field Observations:

Seining effort

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	7	1
2. Total number of darter species	0	1
3. Total number of sunfish species (excl. Bass)	1	3
4. Total number of sucker species	0	1
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	73	1
7. Percentage of individuals as omnivores	0.3	5
8. Percentage of individuals as insectivores	99	5
9. Percentage of individuals as piscivores	0.8	1
10. Number of individuals in sample	380	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Limited to Intermediate	Total Points:	34

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 15 MAY 2002
 COUNTY: Parker
 LOCATION: Station **17444**

Ecoregion #: 29

PARAMETRIC DATA

Station 17444

15 May 2002

STORET CODE	(<) OR (>)	Value	Description
98677		1	Fundulus notatus
99094		1	Lepomis cyanellus
99090		1	Micropterus salmoides
98487		1	Cyprinella venusta
98498		7	Pimphales vigilax
98474		12	Cyprinella lutrensis

Measurement Comments and Field Observations:

Electrofishing

PARAMETRIC DATA

Station 17444

15 May 2001

STORET CODE	(<) OR (>)	Value	Description
98437		1	Cyprinus carpio
99090		1	Micropterus salmoides
98498		23	Pimphales vigilax
98487		68	Cyprinella venusta
98474		264	Cyprinella lutrensis

Measurement Comments and Field Observations:

Seining effort

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	17	5
2. Total number of darter species	0	1
3. Total number of sunfish species (excl. Bass)	5	5
4. Total number of sucker species	0	1
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	73	1
7. Percentage of individuals as omnivores	2	5
8. Percentage of individuals as insectivores	96	5
9. Percentage of individuals as piscivores	2	3
10. Number of individuals in sample	567	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Intermediate	Total Points:	42

STREAM: Clear Fork Trinity Seg. 0831
DATE: 15 May 2002
COUNTY: Tarrant
LOCATION: Station **13691**

Ecoregion #: 29

PARAMETRIC DATA

Station 13691

15 May 2002

STORET CODE	(<) OR (>)	Value	Description
98502		1	Campostoma anamolom
98561		1	Ictalurus punctatus
99109		1	Pomoxis nigromaculatus
99094		1	Lepomis cyanellus
98677		1	Fundulus notatus
99099		1	Lepomis megalotis
98487		1	Cyprinella venusta
98437		2	Cyprinus carpio
98570		2	Pylodictis olivaris
98498		4	Pimphales vigilax
99097		18	Lepomis macrochirus
98474		33	Cyprinella lutrensis

Measurement Comments and Field Observations:

Electrofishing effort

PARAMETRIC DATA

Station 13691

15 May 2002

STORET CODE	(<) OR (>)	Value	Description
98677		1	Fundulus notatus
99099		1	Lepomis megalotis
99100		1	Lepomis microlophus
98728		6	Menidia beryllina
99097		6	Lepomis macrochirus
99090		6	Micropterus salmoides
98430		10	Dorosoma petenense
98487		26	Cyprinella venusta
98713		43	Gambusia affinis
98498		89	Pimphales vigilax
98474		312	Cyprinella lutrensis

Measurement Comments and Field Observations:

Seining effort

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	20	5
2. Total number of darter species	2	3
3. Total number of sunfish species (excl. Bass)	5	5
4. Total number of sucker species	2	5
5. Total number of intolerant species	1	3
6. Percentage of individuals as tolerants	23.30	1
7. Percentage of individuals as omnivores	0.532	5
8. Percentage of individuals as insectivores	95.32	5
9. Percentage of individuals as piscivores	2.34	3
10. Number of individuals in sample	940	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: High	Total Points:	50

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 30 Jul 2002
 COUNTY: Parker
 LOCATION: Station **17446**

Ecoregion #: 29

PARAMETRIC DATA

Station 17446

30 July 2002

STORET CODE	(<) OR (>)	Value	Description
98487		4	Cyprinella venusta
98498		1	Pimphales vigilax
98502		4	Campostoma anamolum
98564		2	Ameiurus natalis
98677		1	Fundulus notatus
98713		1	Gambusia affinis
99090		3	Micropterus salmoides
99094		5	Lepomis cyanellus
99099		7	Lepomis megalotis
99100		1	Lepomis microlophus

Measurement Comments and Field Observations:

Electrofishing effort

PARAMETRIC DATA

Station 17446

30 July 2002

STORET CODE	(<) OR (>)	Value	Description
98474		12	Cyprinella lutrensis
98486		407	Lythurus umbratilis
98487		13	Cyprinella venusta
98498		73	Pimphales vigilax
98677		73	Fundulus notatus
98713		94	Gambusia affinis
98728		87	Menidia beryllina
99060		1	Percina carbonaria
99085		1	Etheostoma spectabile
99090		5	Micropterus salmoides
99092		13	Lepomis spp.
99094		9	Lepomis cyanellus
99096		8	Lepomis humilis
99097		94	Lepomis macrochirus
99099		15	Lepomis megalotis

Measurement Comments and Field Observations:

Seining effort

PARAMETRIC DATA

Station 17446

30 July 2002

STORET CODE	(<) OR (>)	Value	Description
98561		1	Ictalurus punctatus
99097		1	Lepomis macrochirus
98511		2	Carpoides carpio
98517		2	Minytrema melanops

Measurement Comments and Field Observations:

Gillnet effort in a deep pool that could not be seined nor shocked; *experimental gill net with six different mesh sizes was used.*

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	14	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	4	5
4. Total number of sucker species	0	1
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	19.07	3
7. Percentage of individuals as omnivores	0	5
8. Percentage of individuals as insectivores	82.99	5
9. Percentage of individuals as piscivores	2.84	3
10. Number of individuals in sample	388	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Intermediate to High	Total Points:	46

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 31 Jul 2002
 COUNTY: Parker
 LOCATION: Station **11060**

Ecoregion #: 29

PARAMETRIC DATA

Station 11060

31 July 2002

STORET CODE	(<) OR (>)	Value	Description
98474		1	Cyprinella lutrensis
98487		2	Cyprinella venusta
98498		17	Pimphales vigilax
98502		5	Campostoma anamolom
98570		1	Pylodictis olivaris
98713		6	Gambusia affinis
99085		4	Etheostoma spectabile
99094		3	Lepomis cyanellus
99097		2	Lepomis macrochirus
99099		22	Lepomis megalotis

Measurement Comments and Field Observations:

Electrofishing effort

PARAMETRIC DATA

Station 11060

31 July 2002

STORET CODE	(<) OR (>)	Value	Description
98474		40	Cyprinella lutrensis
98486		115	Lythurus umbratilis
98487		42	Cyprinella venusta
98498		8	Pimphales vigilax
98677		34	Fundulus notatus
98713		20	Gambusia affinis
99090		6	Micropterus salmoides
99092		50	Lepomis spp.
99094		1	Lepomis cyanellus
99097		1	Lepomis macrochirus
99099		6	Lepomis megalotis
99100		2	Lepomis microlophus

Measurement Comments and Field Observations:

Seining effort

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	18	5
2. Total number of darter species	1	3
3. Total number of sunfish species (excl. Bass)	5	5
4. Total number of sucker species	1	3
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	27.43	1
7. Percentage of individuals as omnivores	0.59	5
8. Percentage of individuals as insectivores	84.99	5
9. Percentage of individuals as piscivores	2.11	3
10. Number of individuals in sample	853	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Intermediate to High	Total Points:	46

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 31 Jul 2002
 COUNTY: Parker
 LOCATION: Station **17445**

Ecoregion #: 29

PARAMETRIC DATA

Station 17445

31 July 2002

STORET CODE	(<) OR (>)	Value	Description
98474		1	Cyprinella lutrensis
98487		10	Cyprinella venusta
98498		1	Pimphales vigilax
98502		8	Campostoma anamolum
98564		5	Ameiurus natalis
98570		2	Pyloodictis olivaris
98677		2	Fundulus notatus
98713		3	Gambusia affinis
99085		3	Etheostoma spectabile
99090		1	Micropterus salmoides
99093		1	Lepomis auritus
99094		2	Lepomis cyanellus
99097		8	Lepomis macrochirus
99099		14	Lepomis megalotis
99100		3	Lepomis microlophus

Measurement Comments and Field Observations:

Electrofishing effort

PARAMETRIC DATA

Station 17445

31 July 2002

STORET CODE	(<) OR (>)	Value	Description
98474		59	Cyprinella lutrensis
98486		23	Lythurus umbratilis
98487		252	Cyprinella venusta
98498		23	Pimphales vigilax
98502		4	Campostoma anamolum
98517		4	Minytrema melanops
98677		154	Fundulus notatus
98713		142	Gambusia affinis
98966		71	Cyprinidae
99085		1	Etheostoma spectabile
99090		5	Micropterus salmoides
99092		22	Lepomis spp.
99094		8	Lepomis cyanellus
99097		11	Lepomis macrochirus
99099		5	Lepomis megalotis
99100		5	Lepomis microlophus

Measurement Comments and Field Observations:

Seining effort

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	13	3
2. Total number of darter species	0	1
3. Total number of sunfish species (excl. Bass)	3	5
4. Total number of sucker species	0	1
5. Total number of intolerant species	0	1
6. Percentage of individuals as tolerants	7.54	3
7. Percentage of individuals as omnivores	0.477	5
8. Percentage of individuals as insectivores	67.75	3
9. Percentage of individuals as piscivores	0.76	1
10. Number of individuals in sample	1048	5
11. Percentage of individuals as hybrids	0	5
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Limited to Intermediate		Total Points: 38

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 01 Aug 2002
 COUNTY: Parker
 LOCATION: **17444**

Ecoregion #: 29

PARAMETRIC DATA

Station 17444

1 August 2002

STORET CODE	(<) OR (>)	Value	Description
98437		2	Cyprinus carpio
98498		2	Pimphales vigilax
98561		1	Ictalurus punctatus
98570		3	Pylodictis olivaris
98966		8	Cyprinidae
99094		2	Lepomis cyanellus
99097		1	Lepomis macrochirus
99099		2	Lepomis megalotis

Measurement Comments and Field Observations:

Electrofishing

PARAMETRIC DATA

Station 17444

1 August 2002

STORET CODE	(<) OR (>)	Value	Description
98487		115	Cyprinella venusta
98498		518	Pimphales vigilax
98502		3	Campostoma anamolum
98561		2	Ictalurus punctatus
98677		1	Fundulus notatus
98713		70	Gambusia affinis
98966		314	Cyprinidae
99090		2	Micropterus salmoides
99094		1	Lepomis cyanellus
99099		1	Lepomis megalotis

Measurement Comments and Field Observations:

Seining effort

Quantitative Biological Scoring for Evaluating
Aquatic Life Use Subcategories Based on Fish
Statewide Criteria

Metric	Value	Score
1. Total number of fish species	26	5
2. Total number of darter species	2	3
3. Total number of sunfish species (excl. Bass)	8	5
4. Total number of sucker species	0	1
5. Total number of intolerant species	2	3
6. Percentage of individuals as tolerants	17.66	3
7. Percentage of individuals as omnivores	2.09	5
8. Percentage of individuals as insectivores	53.81	3
9. Percentage of individuals as piscivores	2.61	3
10. Number of individuals in sample	957	5
11. Percentage of individuals as hybrids	0.10	3
12. Percentage of individuals with disease/anomalies	0	5
AQUATIC LIFE USE: Intermediate	Total Points:	44

STREAM: Clear Fork Trinity Seg. 0831
 DATE: 01 Aug 2002
 COUNTY: Tarrant
 LOCATION: Station **13691**

Ecoregion #: 29

PARAMETRIC DATA

Station 13691

1 August 2002

STORET CODE	(<) OR (>)	Value	Description
98430		1	Dorosoma cepedianum
98437		1	Cyprinus carpio
98498		12	Pimphales vigilax
98502		2	Campostoma anamolum
98561		6	Ictalurus punctatus
98563		1	Ameiurus melas
98564		9	Ameiurus natalis
98570		10	Pylodictis olivaris
98574		1	Noturus gyrinus
98958		1	Aplodinotus grunniens
98966		49	Cyprinidae
99060		1	Percina carbonaria
99085		1	Etheostoma spectabile
99092		1	Lepomis sp.
99093		4	Lepomis auritus
99094		5	Lepomis cyanellus
99096		7	Lepomis humilis
99097		19	Lepomis macrochirus
99099		20	Lepomis megalotis
99100		1	Lepomis microlophus
99104		1	Chaenobryttus gulosus
99109		1	Pomoxis nigromaculatus

Measurement Comments and Field Observations:

Electrofishing effort

PARAMETRIC DATA

Station 13691

1 August 2002

STORET CODE	(<) OR (>)	Value	Description
98437		1	Cyprinus carpio
98486		13	Lythurus umbratilis
98487		54	Cyprinella venusta
98498		221	Pimphales vigilax
98502		3	Campostoma anamolum
98561		1	Ictalurus punctatus
98570		1	Pylodictis olivaris
98574		1	Noturus gyrinus
98713		113	Gambusia affinis
98728		3	Menidia beryllina
98958		2	Aplodinotus grunniens
98966		342	Cyprinidae

continued on next page

99060		7	Percina carbonaria
99090		6	Micropterus salmoides
99097		17	Lepomis macrochirus
99099		12	Lepomis megalotis
99100		5	Lepomis microlophus
99109		1	Pomoxis nigromaculatus

Measurement Comments and Field Observations:

Seining effort