

Weiss Bypass Sampling / Reconnaissance Trip Report

March 09, 2004

May 18, 2004

As part of the Weiss Bypass Adaptive Management Plan – Baseline Monitoring, APC, ADCNR, USFWS, and Kleinschmidt performed field collections on March 09, 2004 in the Weiss Bypass Channel. Two types of collections were performed: 1) an initial macroinvertebrate and fish reconnaissance survey and 2) the 2004 spring spawning fish survey. This trip report provides a summary of those efforts.

Macroinvertebrate and Fish Reconnaissance Survey

The Weiss Bypass Channel was boated from just below the spillway area downstream to the boat ramp near Pollard Bend in order to locate possible non-game fish and benthic macroinvertebrate sampling collection sites to use in baseline monitoring and also to attempt some preliminary crayfish sampling.

Three sources of water influenced the observed bypass depths and flows. A bypass flow of approximately 200 cfs was released from the Weiss Bypass spillway gates to provide adequate depths for sampling and boat travel in the bypass channel. Terrapin Creek flows during the survey was approximately 400 cfs. Weiss Dam released water through the turbines during the period. Unit operations for March 8 and March 9 are presented in Table 1.

Visibility was approximately 12 inches and flow was moderate. Only two areas were encountered that had potential as baseline sampling localities. One was a shallow area located immediately below the spillway, and the second was located above the County Road 20 bridge, where the water flows around a small island. Both of these areas have sections with gravel substrate and should be shallow enough to sample under either “no flow” or “spillage only” regimes.

Water levels appeared to be approximately two feet above the expected “spillage” levels, and benthic sampling could only be performed at a small stream/beaver run complex on the west bank just below the spillway - boat launch, at the small island upstream of the County Road 20 bridge, and at the mouth of Terrapin Creek. Three juvenile crayfishes were collected at the small stream/beaver run; no other crayfishes were seen or collected at the other locations. Other benthic macroinvertebrates were uncommon in dip net samples, perhaps due to the elevated water levels. Taxa encountered included:

amphipods	isopods
gyrinid (<i>Dineutus</i> ; <i>Gyrinus</i>)	haliplid (<i>Peltodytes</i>)
dytiscid beetles (<i>Copelatus</i>)	corixids water boatmen
gerrid waterstriders (<i>Limnopus</i>)	heptageniid mayflies (<i>Stenonema</i>)
chironomid midge larvae	tipulid dipteran larvae (<i>Tipula</i>)
caddisflies - limnephilid (<i>Ironoquia</i>) and rhyacophilid (<i>Rhyacophila</i>)	
odonates - corduliid (<i>Somatochlora</i>) and coenagrionid (<i>Ischnura</i>).	

Other animals encountered during sampling included ranid frogs, brook salamanders, juvenile sunfishes, and mosquitofish. Wood ducks were very common on the river in this area. Other wildlife seen included great blue heron, great egret, kingfisher, and Alabama map turtle.

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From Terrapin Creek downstream to the boat ramp near Pollard Bend, channel velocity (downstream flow) appeared to decrease noticeably despite the additional flow from Terrapin Creek. This was due to upstream flows resulting from backflow generation from the Weiss powerhouse. Water levels still appeared to be two feet higher than “spillage only” levels.

Table 1. Weiss Dam Operations – March 8 & 9, 2004.

March 8

Time	Unit Operation	Elapsed Time
0000 to 0500	Zero Discharge	5:00
0500 to 0600	One Unit	1:00
0600 to 1100	Three Units	5:00
1100 to 1730	Two Units	6:30
1730 to 2100	Three Units	3:30
2100 to 2115	Two Units	0:15
2115 to 2235	One Discharge	1:20
2235 to 2400	Zero Discharge	1:25

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0000 to 0500	Zero Discharge	5:00
0500 to 0625	One Unit	1:25
0625 to 1010	Three Units	3:45
1010 to 1700	Two Units	6:50
1700 to 2050	Three Units	3:50
2050 to 2115	Two Units	0:25
2115 to 2215	One Discharge	1:00
2215 to 2400	Zero Discharge	1:45

Spring Spawning Fish Survey

Spring spawning fish collections were performed at three locations in the Weiss Bypass: Section 1 (just downstream of the spillway), Section 3 (pool upstream of the sod farm), and Section 9 (near ???). GPS data was recorded for each collection site and is presented below.

Fish were collected with variable mesh gill nets that were 100 ft long and 6 ft tall fitted with 20 ft panels of 1”, 1 ½ “, 2”, 2 ½ “ and 3” bar mesh. Gill nets were set and tended every 1 to 1 ½ hours to prevent excessive mortality of adult spawning fish. Sampling began in the morning at approximately 8:00 AM and continued until the late afternoon (3:00 PM). Fish collected during each set were placed in a cooler, identified, and measured (total length-nearest mm, weight-nearest gram), and released downstream of the sampling area. Other information pertinent to collections (date, time, weather conditions, sample location, collection technique, net time, water temperature, sex and maturity of fish if apparent) was also recorded

A total of 299 fish representing 19 species were collected during the entire survey. The entire data set of fish collected is available in Appendix A. Table 2. provides a breakdown of the number of fish and species collected in each area. Catch Per Unit Effort (CPUE) was calculated

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based on the elapsed set time of each gill net set. Of note was the collection of a flier (Centrarchus macropterus), which was a noted range extension for this species.

Table 2. Weiss Bypass Gill Netting Results – March 09, 2004

Section	Total Fish Collected	Total Species	Total Effort (Hours)	Average CPUE (fish / hour)
Section 1	122	14	5.83	20.91
Section 3	151	11	5.50	27.45
Section 9	26	10	5.22	4.98
Total	299	19	16.55	18.07

Specific GPS collection sites were:

Section 1 – Spillway

Lat: N37.17004

Lon: W085.752178 (Units are decimal degrees and datum is WGS 84)

Section 3 – Sod Farm

Lat:

Lon:

Section 9 -

Lat: N34.116442

Lon: W085.766157

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APPENDIX A

Alabama Power Company

Fish Collected with Gill Net

3/9/2004

LOCATION	NET SET	NET PULLED	SPECIES	LENGTH (MM)	WEIGHT (GM)	COMMENTS
Weiss Bypass (T-1) Spillway	8:10	9:10	Spotted sucker	413		
Weiss Bypass (T-1) Spillway	8:10	9:10	Spotted sucker	417		
Weiss Bypass (T-1) Spillway	8:10	9:10	Gizzard shad	267		
Weiss Bypass (T-1) Spillway	8:10	9:10	Gizzard shad	172		
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	373		female
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	363		female
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	356		male
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	401		male
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	350		male
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	330		male
Weiss Bypass (T-1) Spillway	8:10	9:10	White crappie	335		
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	350		female
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	385		male
Weiss Bypass (T-1) Spillway	8:10	9:10	Blue catfish	355		
Weiss Bypass (T-1) Spillway	8:10	9:10	Blue catfish	413		
Weiss Bypass (T-1) Spillway	8:10	9:10	Channel catfish	465		
Weiss Bypass (T-1) Spillway	8:10	9:10	White bass	317		male
Weiss Bypass (T-1) Spillway	8:10	9:10	Smallmouth buffalo	465		
Weiss Bypass (T-1) Spillway	8:10	9:10	Common carp	505		
Weiss Bypass (T-1) Spillway	8:10	9:10	Common carp	530		
Weiss Bypass (T-1) Spillway	8:10	9:10	Common carp	512		
Weiss Bypass (T-1) Spillway	8:10	9:10	Common carp	494		
Weiss Bypass (T-1) Spillway	8:10	9:10	Gizzard shad	292		
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	352	555	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	368	700	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	361	705	
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	353	575	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	326	415	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	355	620	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	357	600	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	378	815	female
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	344	540	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	330	495	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	345	545	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	315	450	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	325	455	
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	375	750	female
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	348	535	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	403	975	female
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	364	680	male

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Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	345	515	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	336	495	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	356	570	male
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	352	595	female
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	365	685	female
Weiss Bypass (T-1) Spillway	9:30	10:40	White bass	327	410	male
Weiss Bypass (T-1) Spillway	9:30	10:40	Common carp	482		
Weiss Bypass (T-1) Spillway	9:30	10:40	Smallmouth buffalo	450	1525	
Weiss Bypass (T-1) Spillway	9:30	10:40	Spotted sucker	421	1080	
Weiss Bypass (T-1) Spillway	9:30	10:40	Blue catfish	525	1405	
Weiss Bypass (T-1) Spillway	9:30	10:40	Channel catfish	303	220	
Weiss Bypass (T-1) Spillway	9:30	10:40	Gizzard shad	295	230	
Weiss Bypass (T-1) Spillway	9:30	10:40	Gizzard shad	354	430	
Weiss Bypass (T-1) Spillway	9:30	10:40	Black crappie	215	125	
Weiss Bypass (T-1) Spillway	9:30	10:40	Largemouth bass	252	210	
Weiss Bypass (T-1) Spillway	11:00	12:10	White bass	314	400	male
Weiss Bypass (T-1) Spillway	11:00	12:10	White bass	331	495	male
Weiss Bypass (T-1) Spillway	11:00	12:10	White bass	348	525	male
Weiss Bypass (T-1) Spillway	11:00	12:10	White bass	347	540	male
Weiss Bypass (T-1) Spillway	11:00	12:10	Gizzard shad	345	415	
Weiss Bypass (T-1) Spillway	11:00	12:10	Common Carp	562	2445	
Weiss Bypass (T-1) Spillway	11:00	12:10	Spotted sucker	430	1070	
Weiss Bypass (T-1) Spillway	11:00	12:10	Common carp	561	2395	
Weiss Bypass (T-1) Spillway	11:00	12:10	Freshwater drum	296	280	
Weiss Bypass (T-1) Spillway	11:00	12:10	Common carp	512	1670	
Weiss Bypass (T-1) Spillway	11:00	12:10	Blue catfish	432	615	
Weiss Bypass (T-1) Spillway	11:00	12:10	Freshwater drum	304	305	
Weiss Bypass (T-1) Spillway	11:00	12:10	Channel catfish	375	435	
Weiss Bypass (T-1) Spillway	11:00	12:10	Longnose gar	990		
Weiss Bypass (T-1) Spillway	12:25	13:35	Longnose gar	980		
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	365	705	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	377	710	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	315	445	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	327	465	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	339	485	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	356	630	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	350	355	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	392	800	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	345	485	
Weiss Bypass (T-1) Spillway	12:25	13:35	White bass	334	485	
Weiss Bypass (T-1) Spillway	12:25	13:35	Freshwater drum	360	555	
Weiss Bypass (T-1) Spillway	12:25	13:35	Freshwater drum	337	455	
Weiss Bypass (T-1) Spillway	12:25	13:35	Black crappie	224	165	
Weiss Bypass (T-1) Spillway	12:25	13:35	Gizzard shad	266	170	
Weiss Bypass (T-1) Spillway	12:25	13:35	Gizzard shad	429	730	
Weiss Bypass (T-1) Spillway	12:25	13:35	Blue catfish	293	155	
Weiss Bypass (T-1) Spillway	12:25	13:35	Channel catfish	340	345	

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Weiss Bypass (T-1) Spillway	12:25	13:35	Common carp	505		
Weiss Bypass (T-1) Spillway	12:25	13:35	Common carp	515		
Weiss Bypass (T-1) Spillway	12:25	13:35	Smallmouth buffalo	515		
Weiss Bypass (T-1) Spillway	12:25	13:35	River redhorse	432	970	
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	318	420	male
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	412	1015	female
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	328	425	male
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	392	875	female
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	390	805	female
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	382	830	female
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	360	665	female
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	351	550	male
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	341	470	male
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	355	575	male
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	362	640	male
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	370	810	female
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	366	660	male
Weiss Bypass (T-1) Spillway	13:50	15:10	Gizzard shad	440		
Weiss Bypass (T-1) Spillway	13:50	15:10	Black crappie	322	515	
Weiss Bypass (T-1) Spillway	13:50	15:10	Gizzard shad	358	525	
Weiss Bypass (T-1) Spillway	13:50	15:10	Gizzard shad	339	390	
Weiss Bypass (T-1) Spillway	13:50	15:10	Gizzard shad	328	390	
Weiss Bypass (T-1) Spillway	13:50	15:10	Common carp	490		
Weiss Bypass (T-1) Spillway	13:50	15:10	Common carp	590		
Weiss Bypass (T-1) Spillway	13:50	15:10	Common carp	474		
Weiss Bypass (T-1) Spillway	13:50	15:10	Smallmouth buffalo	557	2870	
Weiss Bypass (T-1) Spillway	13:50	15:10	Common carp	506		
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	339	505	male
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	370	790	female
Weiss Bypass (T-1) Spillway	13:50	15:10	White bass	342	565	male
Weiss Bypass (T-1) Spillway	13:50	15:10	Common carp	572		
Weiss Bypass (T-1) Spillway	13:50	15:10	Smallmouth buffalo	540		
Weiss Bypass (T-1) Spillway	13:50	15:10	Blue catfish	457	840	
Weiss Bypass (T-1) Spillway	13:50	15:10	Flier	175	95	
Weiss Bypass (T-1) Spillway	13:50	15:10	Blue catfish	522	1340	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	715		
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	760		
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	702		
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	655		
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	760		
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	661		
Weiss Bypass Sod Farm	8:10	9:10	Blue catfish	370	390	
Weiss Bypass Sod Farm	8:10	9:10	Blue catfish	430	610	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	596		
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	760		
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	760		
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	731		

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Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	740	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	681	
Weiss Bypass Sod Farm	8:10	9:10	Gizzard shad	240	150
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	651	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	694	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	686	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	780	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	900	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	686	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	1100	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	800	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	736	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	1300	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	1800	
Weiss Bypass Sod Farm	8:10	9:10	Spotted gar	745	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	1000	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	710	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	900	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	753	
Weiss Bypass Sod Farm	8:10	9:10	Longnose gar	1100	
Weiss Bypass Sod Farm	8:10	9:10	Blue catfish	510	1230
Weiss Bypass Sod Farm	8:10	9:10	Smallmouth buffalo	400	
Weiss Bypass Sod Farm	8:10	9:10	Flathead catfish	810	6510
Weiss Bypass Sod Farm	8:10	9:10	Flathead catfish	650	3390
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	760	
Weiss Bypass Sod Farm	9:40	10:45	Longnose gar	525	
Weiss Bypass Sod Farm	9:40	10:45	Longnose gar	760	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	770	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	705	
Weiss Bypass Sod Farm	9:40	10:45	Black Crappie	229	160
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	680	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	680	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	740	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	570	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	700	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	585	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	660	
Weiss Bypass Sod Farm	9:40	10:45	Longnose gar	610	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	665	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	650	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	680	
Weiss Bypass Sod Farm	9:40	10:45	White bass	362	760
Weiss Bypass Sod Farm	9:40	10:45	Longnose gar	1010	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	712	
Weiss Bypass Sod Farm	9:40	10:45	Spotted sucker	410	960
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	810	
Weiss Bypass Sod Farm	9:40	10:45	Longnose gar	950	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	810	

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Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	695	
Weiss Bypass Sod Farm	9:40	10:45	Longnose gar	1100	
Weiss Bypass Sod Farm	9:40	10:45	Spotted gar	746	
Weiss Bypass Sod Farm	11:05		Yellow bass	165	55
Weiss Bypass Sod Farm	11:05		Yellow bass	180	60
Weiss Bypass Sod Farm	11:05		Yellow bass	183	65
Weiss Bypass Sod Farm	11:05		Spotted gar	663	
Weiss Bypass Sod Farm	11:05		Gizzard shad	260	
Weiss Bypass Sod Farm	11:05		Spotted gar	682	
Weiss Bypass Sod Farm	11:05		Blue catfish	330	
Weiss Bypass Sod Farm	11:05		Spotted gar	830	
Weiss Bypass Sod Farm	11:05		Flathead catfish	555	1990
Weiss Bypass Sod Farm	11:05		Gizzard shad	362	490
Weiss Bypass Sod Farm	11:05		Blue catfish	495	1140
Weiss Bypass Sod Farm	11:05		Gizzard shad	410	785
Weiss Bypass Sod Farm	11:05		Gizzard shad	339	435
Weiss Bypass Sod Farm	11:05		Gizzard shad	241	145
Weiss Bypass Sod Farm	11:05		Blue catfish	321	195
Weiss Bypass Sod Farm	11:05		Blue catfish	415	620
					weighed more than 25 lbs
Weiss Bypass Sod Farm	11:05		Blue catfish	950	
Weiss Bypass Sod Farm	11:05		Spotted gar	810	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	651	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	712	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	692	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	758	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	726	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	642	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	553	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	762	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	606	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	608	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	587	
Weiss Bypass Sod Farm	12:20	13:20	Blue catfish	700	4000
Weiss Bypass Sod Farm	12:20	13:20	Blue catfish	395	630
Weiss Bypass Sod Farm	12:20	13:20	Blue catfish	525	1520
Weiss Bypass Sod Farm	12:20	13:20	Freshwater drum	320	395
Weiss Bypass Sod Farm	12:20	13:20	White bass	365	830
Weiss Bypass Sod Farm	12:20	13:20	Gizzard shad	333	415
Weiss Bypass Sod Farm	12:20	13:20	Black crappie	300	510
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	780	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	695	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	670	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	735	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	660	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	760	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	750	

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Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	615	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	685	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	650	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	490	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	585	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	745	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	740	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	705	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	785	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	680	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	725	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	720	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	690	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	705	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	680	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	720	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	735	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	635	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	700	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	660	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	580	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	720	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	655	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	700	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	720	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	750	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	720	
Weiss Bypass Sod Farm	12:20	13:20	Spotted gar	650	
Weiss Bypass Sod Farm	12:20	13:20	Longnose gar	860	
Weiss Bypass Sod Farm	12:20	13:20	Longnose gar	1050	
Weiss Bypass Sod Farm	13:35	15:00	Spotted gar	735	
Weiss Bypass Sod Farm	13:35	15:00	Spotted gar	420	
Weiss Bypass Sod Farm	13:35	15:00	Spotted gar	625	
Weiss Bypass Sod Farm	13:35	15:00	Spotted gar	710	
Weiss Bypass Sod Farm	13:35	15:00	Spotted gar	755	
Weiss Bypass Sod Farm	13:35	15:00	Spotted gar	670	
Weiss Bypass Sod Farm	13:35	15:00	Spotted gar	520	
Weiss Bypass Sod Farm	13:35	15:00	Smallmouth buffalo	585	
Weiss Bypass Sod Farm	13:35	15:00	Smallmouth buffalo	550	
Weiss Bypass Sod Farm	13:35	15:00	Blue catfish	835	6440
Weiss Bypass Sod Farm	13:35	15:00	Blue catfish	441	590
Weiss Bypass Sod Farm	13:35	15:00	Gizzard shad	334	450
Weiss Bypass Sod Farm	13:35	15:00	Blue catfish	551	1205
Weiss Bypass Sod Farm	13:35	15:00	White bass	336	815
Weiss Bypass Sod Farm	13:35	15:00	Gizzard shad	331	335
Weiss Bypass Section 9	8:53	10:06	Channel catfish	252	123
Weiss Bypass Section 9	8:53	10:06	Channel catfish	239	76

Weiss Bypass Sampling / Reconnaissance Trip Report
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Weiss Bypass Section 9	8:53	10:06	Channel catfish	254	100
Weiss Bypass Section 9	8:53	10:06	striped bass	445	560
Weiss Bypass Section 9	8:53	10:06	flathead catfish	427	858
Weiss Bypass Section 9	8:53	10:06	Smallmouth buffalo	750	
Weiss Bypass Section 9	10:15	11:40	Smallmouth buffalo	450	
Weiss Bypass Section 9	10:15	11:40	Smallmouth buffalo	770	
Weiss Bypass Section 9	10:15	11:40	Smallmouth buffalo	550	
Weiss Bypass Section 9	10:15	11:40	Gizzard shad	367	549
Weiss Bypass Section 9	10:15	11:40	Striped bass	430	1064
Weiss Bypass Section 9	10:15	11:40	Freshwater drum	320	348
Weiss Bypass Section 9	10:15	11:40	Blue catfish	595	2141
Weiss Bypass Section 9	10:15	11:40	Striped bass	548	979
Weiss Bypass Section 9	10:15	11:40	Striped bass	480	1635
Weiss Bypass Section 9	10:15	11:40	Hybrid Striped bass	572	2988
Weiss Bypass Section 9	10:15	11:40	Striped bass	452	1054
Weiss Bypass Section 9	10:15	11:40	Striped bass	447	1128
Weiss Bypass Section 9	10:15	11:40	Channel catfish	412	546
Weiss Bypass Section 9	10:15	11:40	Yellow bass	173	51
Weiss Bypass Section 9	10:15	11:40	Channel catfish	227	101
Weiss Bypass Section 9	11:40	13:00	Striped bass	475	1306
Weiss Bypass Section 9	11:40	13:00	Smallmouth buffalo	484	1829
Weiss Bypass Section 9	11:40	13:00	Blue catfish	304	205
Weiss Bypass Section 9	11:40	13:00	White bass	309	437
Weiss Bypass Section 9	11:40	13:00	White bass	385	857
Weiss Bypass Section 9	13:15	14:30	No Fish		