

APPENDIX A

Water Quality and Biological Data

Water Quality and Biological Data

Below is a list of programs and projects in the Tallapoosa Basin that involve the gathering of physical, chemical, bacteriological, and biological data.

Alabama Department of Environmental Management

The Alabama Department of Environmental Management (ADEM) has a number of surface water quality and biological monitoring programs. Data gathered between 1997 and 2003 were used in all three Clean Water Partnership (CWP) Dataviewers, as well as the assessment process. Below are brief descriptions of the programs performed in the Tallapoosa River Basin.

Alabama's 2004 Integrated Water Quality Monitoring and Assessment Report

The 2004 Alabama 305(b) report is significantly different from those in years past. This report combines surface and groundwater management programs with a comprehensive list of Alabama's waters. This is consistent with the U.S. Environmental Protection Agency's (EPA's) 2003 guidance.

Alabama's 2002 Water Quality Report to Congress (Clean Water Act §305(b) Report)

Every 2 years, ADEM sends a water quality report to congress as part of the "National Water Quality Inventory Report to Congress (305(b) Report)." The purpose of this report is to characterize Alabama's water quality, to identify impairments, and to describe the programs that are used to restore and protect our water resources.

§303(d) Waterbody Monitoring Project

ADEM monitors waterbodies suspected of having water quality impairments for the purpose of 303(d) listing and de-listing. Chemical, habitat, and biological data are collected.

Alabama Monitoring and Assessment Program (ALAMAP)

To evaluate the status of streams across the State of Alabama, ADEM randomly monitors 250 stations for chemical, physical, and habitat parameters over a 5-year period. Select historical ambient monitoring stations are monitored in June, August, and October to provide data adequate for trend analysis. Fifty stations are selected each. The data collected at these stations will statistically represent all streams. This type of assessment is used to address overall state water quality.

Clean Water Strategy Project

In 1996, ADEM sampled locations with known water quality problems and areas where there were insufficient data. Monthly water quality samples were taken from June through October.

Intensive Water Quality Survey of Coosa and Tallapoosa River Reservoirs, 1997

(<http://www.adem.state.al.us/FieldOps/WQReports/WQCoosa&Tall97.pdf>)

Because of the proposed water diversion activities in the Coosa and Tallapoosa River Basins, intensive monitoring of these reservoirs was used to gather pre-diversion water quality data. In 1997, stations were monitored on a monthly basis (April through October) at the deepest point in the dam forebay. Several physical, chemical, and biological measurements were taken including, but not limited to, temperature, ammonia, and chlorophyll *a*. Eleven stations were monitored in the Tallapoosa River Basin (Harris, Martin, Yates, and Thurlow Reservoirs).

Reservoir Water Quality Monitoring Program (RWQMP)

ADEM's RWQMP monitors the water quality and trophic status index (TSI) of the large publicly owned lakes and reservoirs in Alabama. Monitoring occurs during the growing season (April through October) every 2 years, although many lakes and reservoirs are monitored every year. More intense monitoring is done if funding is available. The RWQMP focuses on the vertical profiles of certain physical and chemical parameters. The development of an adequate water quality database for all publicly owned lakes, the establishment of trends in lake trophic status, and the satisfaction of Section 314 (a)(1) of the Water Quality Act of 1987 are the primary goals of the program.

Screening Assessment of the Tallapoosa River Basin–2000

(<http://www.adem.state.al.us/FieldOps/WQReports/SurfaceWQScreenAssessTallRiv00.pdf>)

The aquatic assessment unit of the Field Operations Division completes a nonpoint source screening assessment of each river basin in the state every 5 years. In 2000, an assessment of the Tallapoosa River Basin was performed.

State Parks Monitoring Project

In 1998, ADEM sampled streams flowing through watersheds located in Alabama state parks. The purpose of this program is to identify impairments and streams they may be considered for upgrades to Outstanding Alabama Water. The assessments include chemical, physical, habitat, and biological monitoring.

Water Quality Assessment, Unnamed Tributary to Crooked Creek (Lineville Lagoon), Lineville, Alabama, Clay County, June 1999

Aquatic macroinvertebrate, habitat assessments, toxicity testing, and physical/chemical analyses were performed to evaluate the influence of a permitted lagoon in discharging to an unnamed tributary to Crooked Creek. The water quality was determined to be slightly impaired and the macroinvertebrate assessment revealed a good score.

Alabama Department of Public Health

Fish Consumption Advisories, 2003

(<http://www.adph.org/risk/AlabamaFishConsumptionsAdvisories03.pdf>)

Finally, ADEM conducts annual fish tissue sample surveys in lakes and rivers across the state. The sample fish tissues collected through this survey are analyzed for the presence of toxic substances. The results from this analysis are used as the basis for fish consumption advisories issued by the Alabama Department of Public Health (ADPH). In Fiscal Year 2001, ADEM conducted a survey at two locations on Lake Wedowee, four on Lake Martin, and one on Yates Reservoir. No fish consumption advisories were issued for any of the reservoirs on the Tallapoosa River based on those surveys.

Alabama Water Watch

Alabama Water Watch (AWW) is a citizen-monitoring program that is managed through Auburn University's Department of Fisheries and Allied Aquacultures and the International Center for Aquaculture and Aquatic Environments. The AWW staff perform training sessions; compile and maintain data about the citizen volunteers, monitoring sites, and water quality data; interpret technical data gathered by monitors; create a variety of media; and supply online summary graphs and maps.

From the inception of the AWW Program in 1992, more than 200 citizen groups have become involved with water monitoring on hundreds of waterbodies. According to the AWW website, citizens have sampled 1,400 sites on 500 waterbodies and submitted more than 25,000 chemistry and 4,000 bacteriological data forms.

AWW's citizen monitoring program offers two field-testing capabilities with EPA-approved protocols—manuals, testing kits, and training for water chemistry and bacteria. Chemistry monitoring is done with the Lamotte test kit, which tests for six water parameters: temperature, pH, dissolved oxygen (DO), hardness, alkalinity, and turbidity. Additionally, water clarity is measured using a Secchi Disk, and air temperature also is measured as part of the sampling protocol. Bacteriological sampling is done using Coliscan Easygel sampling techniques. Citizen data are compiled and stored as part of the AWW online database at Auburn University.

Listed below are the AWW groups in the Tallapoosa River Basin and the respective links to data, where available. Note that only AWW groups that contributed data between 1997 and 2003 are included. These data were included in all three CWP Dataviewers and were used in the assessment process.

Auburn Outing Club

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/aoc/07017000.htm>)

Chewacla Water Watch

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/chew/07012000.htm>)

Environmental Awareness Organization

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/eao/07007000.htm>)

Friends of Chewacla-Uphapee Watershed

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/chewup/07016000.htm>)

Friends of Hodnett Creek

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/hodnett/07015000.htm>)

Lake Watch of Lake Martin

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/lwlm/07001000.htm>)

Lake Wedowee Property Owners Association

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/lwpoa/07004000.htm>)

League of Women Voters

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/lwv/07002000.htm>)

Save Our Saugahatchee

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/sos/07011000.htm>)

Southern Union Community College

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/succ/07013000.htm>)

Tri-River Region Water Watch

(<http://www.alabamawaterwatch.org/watershedsites/tallapoosa/mww/07009000.htm>)

Wrights Mill Road Elementary School

Geological Survey of Alabama

The Geological Survey of Alabama (GSA) monitors water well usage, groundwater levels, and water quality. Groundwater data from 2000 were obtained for the Middle and Lower Tallapoosa watersheds. The data include basic water quality parameters (such as dissolved oxygen, pH, and temperature), metals (i.e., aluminum, cadmium, and chromium), other ions (for example, bromine, fluoride, and chloride), and nutrients (i.e., phosphate, nitrate, and nitrite), as well as pesticides (such as Alachlor, Aldicarb, and Atrazine).

Soil and Water Conservation Districts

The Alabama Soil and Water Conservation Districts (SWCDs) performed assessments of the subwatersheds in every county of Alabama in 1998. Data gathered include estimated land use percentages, sediment loads, animal information, and domestic wastewater. This

information was included in all three CWP Dataviewers and used in the assessment process for each watershed in the Tallapoosa.

U.S. Geological Survey

(<http://www.usgs.gov/>)

The U.S. Geological Survey (USGS) website provides access to gauging stations throughout the Tallapoosa Basin. Exhibit A-1 lists the active stations in the Tallapoosa basin that have real-time, peak flow, daily flow, and/or water quality data associated with them. These data were included in all three CWP Dataviewers and were used in the assessment process.

EXHIBIT A-1
Active USGS Stations in the Tallapoosa River Basin
Tallapoosa River Basin Management Plan

Station Number	Station Name
02413300	Little Tallapoosa River near Newell, Alabama
02412000	Tallapoosa River near Heflin, Alabama
02414500	Tallapoosa River at Wadley, Alabama
02414525	High Pine Creek near Roanoke, Alabama
02414715	Tallapoosa River near New Site, Alabama
02415000	Hillabee Creek near Hackneyville, Alabama
02416035	Sugar Creek near Alexander City, Alabama
02416481	Norrell Branch near Dadeville, Alabama
02419625	Calebee Creek near Tuskegee, Alabama
02418760	Chewacla Creek at Chewacla State Park near Auburn, Alabama
02419835	Chubbahatchee Creek near Friendship, Alabama
02418230	Saugahatchee Creek at Co. Rd. 188 near Loachapoka, Alabama
02418000	Tallapoosa River at Cherokee Bluffs near Tallassee, Alabama
02419500	Tallapoosa River at Milstead, Alabama
02418500	Tallapoosa River below Tallassee, Alabama
02419890	Tallapoosa River near Montgomery, Water Works and Sanitary Sewer Board of the City of Montgomery, Alabama
02419000	Uphapee Creek near Tuskegee, Alabama

Auburn University

The Fisheries and Allied Aquacultures Department in the College of Agriculture has studied water quality and biota in the Tallapoosa River Basin extensively. Data gathered by the

department was used in the assessment process and included in the Middle and Lower Tallapoosa Dataviewers.

Tuskegee University

The Agricultural and Environmental Science department in the College of Agricultural, Environmental, and Natural Sciences has been studying the Uphapee, Calebee, and Cubahatchee watersheds since 2001. This information was used during the assessment process and included in the Lower Tallapoosa Dataviewer.

Water Works Sanitary and Sewer Board of the City of Montgomery

The Water Works and Sanitary Sewer Board of the City of Montgomery (MWWSSB) has been monitoring the water quality of the locations listed in Exhibit A-2 since March 2000. They monitor basic water quality parameters (dissolved oxygen, temperature, and pH), bacteria levels (total coliform and E. coli), nutrients (such as nitrates, ammonia, and total Kjeldahl nitrogen [TKN]), and other parameters (total dissolved solids [TDS] and total suspended solids [TSS]). These data were included in the Lower Tallapoosa CWP Dataviewer and used in the assessment process.

EXHIBIT A-2
MWWSSB Monitoring Locations
Tallapoosa River Basin Management Plan

Station Number	Station Name
A	Harwell Mill Creek
B	Unnamed Creek
D	Marl Creek
F	Brenshaw Branch
H	Goodwater Creek
J	Tumkeehatchee Creek
L	Wallahatchee Creek
M	Uphapee Creek
O	Calebee Creek
Q	Cubahatchee Creek
R	Line Creek
S	Millie's Creek
V	Jenkins Creek

Auburn Water Works Board

The Auburn Water Works Board (AWWB) has been monitoring the water quality of the locations listed in Exhibit A-3 since 1989. The AWWB monitors basic water quality parameters (alkalinity, dissolved oxygen, pH, hardness, temperature, TDS, and turbidity), bacteria levels (fecal coliform and total coliform), nutrients (such as nitrate, ammonia, total nitrogen, orthophosphate, and total phosphorus), metals (such as aluminum, copper, iron, lead, and magnesium), and other parameters (such as chlorophyll *a*, calcium, potassium, and sodium). These data were included in the Lower Tallapoosa CWP Dataviewer and used in the assessment process.

EXHIBIT A-3
AWWB Monitoring Locations
Tallapoosa River Basin Management Plan

Station Name	Station Description
C1	Chewacla Creek
C2	Chewacla Creek
C3	Chewacla Creek
C4	Chewacla Creek
C5	Chewacla Creek
C6	Chewacla Creek
C7	Chewacla Creek
C8	Chewacla Creek
C9	Chewacla Creek
HQ1	Tributary to Chewacla Creek
L1	Lake Ogletree
L2	Lake Ogletree
L3	Lake Ogletree
L4	Lake Ogletree
L5	Lake Ogletree
L6	Lake Ogletree
T1	Nash Creek
T10	Tributary to Chewacla Creek
T11	Robinson Creek
T12	Tributary to Chewacla Creek
T12N	Tributary to Chewacla Creek
T13	Tributary to Chewacla Creek

EXHIBIT A-3
AWWB Monitoring Locations
Tallapoosa River Basin Management Plan

Station Name	Station Description
T14	Tributary to Chewacla Creek
T15	Tributary to Chewacla Creek
T16	Tributary to Chewacla Creek
T17	Tributary to Chewacla Creek
T18	Tributary to Chewacla Creek
T19	Tributary to Chewacla Creek
T2	Nash Creek
T20	Tributary to Chewacla Creek
T21/C7'	Tributary to Chewacla Creek
T22	Robinson Creek
T23	Tributary to Chewacla Creek
T24	Tributary to Chewacla Creek
T25	Tributary to Chewacla Creek
T26	Tributary to Chewacla Creek
T27	Tributary to Chewacla Creek
T28	Tributary to Chewacla Creek
T29	Tributary to Chewacla Creek
T3	Tributary to Chewacla Creek
T30	Tributary to Chewacla Creek
T31	Tributary to Chewacla Creek
T4	Tributary to Chewacla Creek
T5	Tributary to Chewacla Creek
T6	Tributary to Chewacla Creek
T7	Tributary to Chewacla Creek
T8	Tributary to Chewacla Creek
T9	Tributary to Chewacla Creek

City of Alexander City

The City of Alexander City has contracted with Auburn University's Fisheries Department to monitor the water quality of Lake Martin since the relocation of the diffuser outfall from

Sugar Creek to Lake Martin. Auburn University sampled the water from April through October 2003. These data were included in the Middle Tallapoosa Dataviewer and used in the assessment process.

Russell Corporation

Russell Corporation has been monitoring storm water runoff from its facility since 1994. This information was included in the Middle Tallapoosa Dataviewer.

APPENDIX B

Abbreviated Draft 2004 §303(d) List for Alabama

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Abbreviated Draft 2004 §303(d) List for Alabama

TABLE B-1
 Draft 2004 §303(d) List for Alabama
 Tallapoosa River Basin Management Plan

Assessment Unit ID	Waterbody Name	Support Status	Type	Rank	River Basin	County	Uses	Causes	Sources	Date of Data	Size	Downstream / Upstream Locations	1996 303(d)?	Draft TMDL Date
AL03150108-1004-300	Wolf Creek	Partial	R	M	Tallapoosa	Randolph	Fish & Wildlife	Pathogens	Feedlots	1990	4.0 miles	Little Tallapoosa River / Its source	Yes	2002
AL03150109-0503-401	Sugar Creek	Non	R	H	Tallapoosa	Tallapoosa	Fish & Wildlife	Chlorine Nutrients	Municipal	1990-96	4.8 miles	Elkahatchee Creek / Sugar Creek Alexander City	No	2004
AL03150110-0204-101	Yates Reservoir (Sougahatchee Creek Embayment)	Non	L	H	Tallapoosa	Tallapoosa	Public Water Supply Swimming Fish & Wildlife	Nutrients Organic Enrichment/DO	Industrial Municipal Non-irrigated crop production Pasture grazing	1994-97	224 acres	Sougahatchee Creek Embayment / NW1/4, S21, T19N, R22E	Yes	2003
AL03150110-0201-700	Pepperell Branch	Non	R	H	Tallapoosa	Lee	Fish & Wildlife	Nutrients	Industrial	1988	6.5 miles	Sougahatchee Creek / Its source	Yes	2003
AL03150110-0504-101	Calebee Creek	Non	R	H	Tallapoosa	Macon	Fish & Wildlife	Siltation Other habitat alterations	Agriculture Surface mining	1996	10 miles	Tallapoosa River / Macon County Road 9	No	2003

TABLE B-1
Draft 2004 §303(d) List for Alabama
Tallapoosa River Basin Management Plan

Assessment Unit ID	Waterbody Name	Support Status	Type	Rank	River Basin	County	Uses	Causes	Sources	Date of Data	Size	Downstream / Upstream Locations	1996 303(d)?	Draft TMDL Date
AL03150110-0703-100	Cubahatchee Creek	Non	R	H	Tallapoosa	Macon	Swimming	Siltation	Agriculture	1996	41 miles	Tallapoosa River /	No	2003
						Bullock	Fish & Wildlife	Other habitat alterations	Surface mining			Its source		
AL03150110-0903-101	Line Creek	Partial	R	M	Tallapoosa	Macon	Fish & Wildlife	Siltation	Agriculture	1996	10.0 miles	Tallapoosa River /	No	2003
						Montgomery		Other habitat alterations	Surface mining			Johnson Creek		
AL03150110-0903-102	Line Creek	Partial	R	M	Tallapoosa	Macon	Fish & Wildlife	Siltation	Agriculture	1996	5.1 miles	Johnsons Creek /	No	2003
						Montgomery			Surface mining			Panther Creek		
AL03150110-0301-400	Moores Mill Creek	Non	R	L	Tallapoosa	Lee	Swimming	Siltation	Land development	1998	10.1 miles	Chewacla Creek /	No	2003
							Fish & Wildlife		Urban runoff/ storm sewers			Its source		

Notes:
DO = dissolved oxygen
Source: ADEM Website ([http://www.adem.state.al.us/PublicNotice/Feb/303\(d\)%20List.htm](http://www.adem.state.al.us/PublicNotice/Feb/303(d)%20List.htm))

APPENDIX C

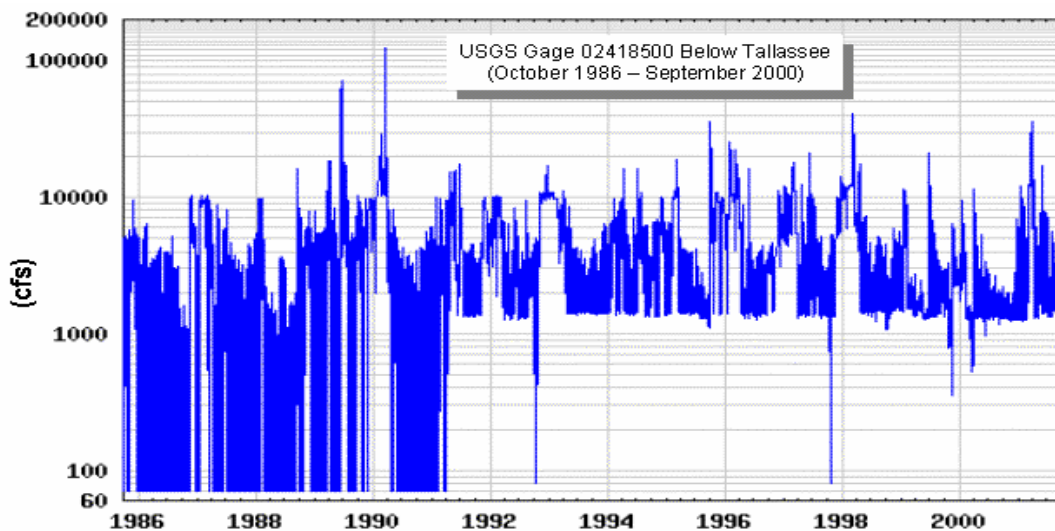
Water Quantity Information

Water Quantity Information

Alabama Power Company (APCo) operates its reservoir projects in the basin to meet a minimum flow of 1,200 cubic feet per second (cfs) below Thurlow Dam at Tallahassee and to fulfill downstream an Alabama-Coosa-Tallapoosa (ACT) River Basin system-wide requirement to maintain a flow of 4,640 cfs at Montgomery. Exhibit C-1 illustrates the change in the river's flow regime since the 1,200-cfs minimum daily discharge requirement was established for Thurlow Dam in 1991. The resulting flow augmentation substantially improved the aquatic habitats in the Lower Tallapoosa segment, especially for fish spawning and survival needs.

EXHIBIT C-1

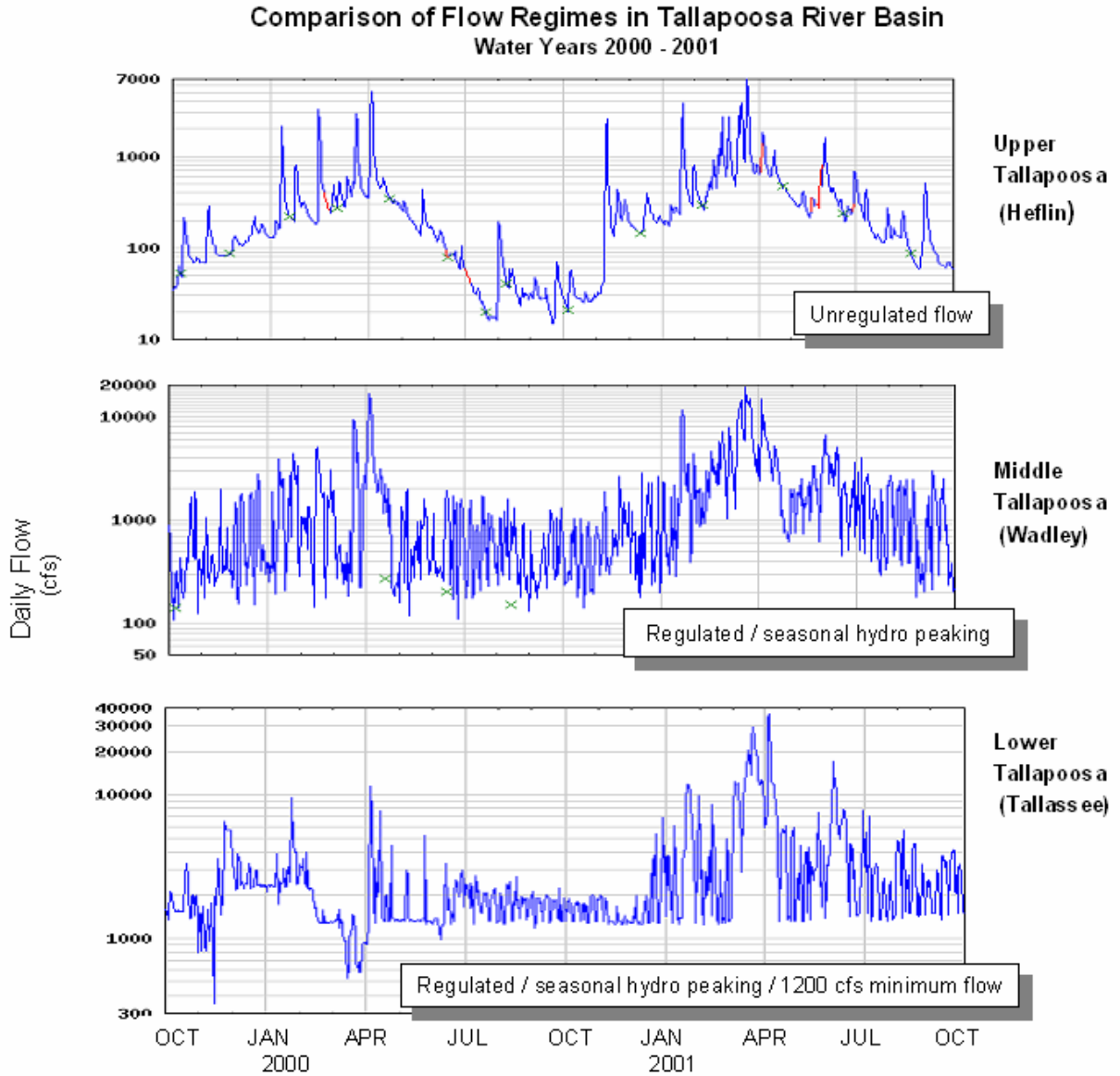
Effect of 1,200-cfs Minimum Flow below Thurlow Dam
Tallapoosa River Basin Management Plan



Source: USGS Daily Streamflow Data for Alabama

Additional effects of the reservoir operations on the Tallapoosa's flow regime can be seen in the comparison hydrographs of daily flow rates for the U.S. Geological Survey (USGS) gage stations in the upper segment (Heflin), the middle segment (Wadley), and the lower segment for Tallassee for the drought years 2000 and 2001 (Exhibit C-2). The hydrograph for Heflin illustrates the unregulated, natural flow regime of the river. The Wadley gage data show the effects of hydro-peaking operations at the R. L. Harris Dam. These effects are addressed further in Section 5 of this management plan. The Tallassee hydrograph shows the aggregate effect of how the flow attenuation and augmentation affect the downstream flows in the lower segment of the basin.

EXHIBIT C-2
Flow Regimes in the Upper, Middle, and Lower Tallapoosa Basin Segments
Tallapoosa River Basin Management Plan



Data Source: USGS Data for Tallapoosa River Gages 02412000, 02414500, and 02418500.

APPENDIX D

Water Use Data

APPENDIX D

Water Use Data

EXHIBIT D-1

Surface and Groundwater Usage in the 11-digit HUCs in the Tallapoosa River Basin
Tallapoosa River Basin Management Plan

Subwatershed Name	11-Digit HUC	Water Usage Type	Annual Average (mgd)
Tallapoosa River	03150108110	Groundwater	0.002
Cahulga Creek	03150108120	Surface Water	0.591
Chulafinnee Creek	03150108140	Groundwater	0.644
Ketchepedrakee Creek	03150108150	Groundwater	0.003
Tallapoosa River	03150108160	Groundwater	0.059
Mad Indian Creek	03150108170	Groundwater	0.032
Upper Little Tallapoosa River	03150108240	Surface Water	0.292
Cohobadiah Creek	03150108250	Groundwater	0.002
Crooked Creek	03150108030	Surface Water	1.550
High Pine Creek	03150109070	Surface Water	1.496
Chatahospee Creek	03150109100	Surface Water	0.344
Enitachopco Creek	03150109150	Groundwater	0.001
Hillabee Creek	03150109170	Surface Water	0.172
Tallapoosa River	03150109180	Groundwater	0.008
Elkahatchee Creek	03150109190	Surface Water	10.138
Sandy Creek	03150109200	Surface Water	0.582
Oakachoy Creek	03150109220	Groundwater	0.003
Oakachoy Creek	03150109220	Surface Water	0/920
Wind Creek	03150110010	Groundwater	0.011
Sougahatchee Creek	03150110030	Surface Water	5.791
Stone Creek	03150110040	Surface Water	1.935
Chewacla Creek	03150110050	Groundwater	0.804
Chewacla Creek	03150110050	Surface Water	6.681
Opintlocco Creek	03150110060	Surface Water	0.821
Uphapee Creek	03150110070	Groundwater	0.647
Uphapee Creek	03150110070	Surface Water	0.178

EXHIBIT D-1

Surface and Groundwater Usage in the 11-digit HUCs in the Tallapoosa River Basin
Tallapoosa River Basin Management Plan

Subwatershed Name	11-Digit HUC	Water Usage Type	Annual Average (mgd)
Tallapoosa River	03150110080	Groundwater	0.079
Tallapoosa River	03150110080	Surface Water	3.233
Tumkeehatchee Creek	03150110090	Surface Water	0.089
Calebee Creek	03150110100	Groundwater	0.304
Calebee Creek	03150110100	Surface Water	0.138
Cubahatchee Creek	03150110120	Groundwater	0.207
Cubahatchee Creek	03150110120	Surface Water	3.078
Old Town Creek	03150110130	Groundwater	0.473
Line Creek	03150110140	Groundwater	0.081
Chubbehatchee Creek	03150110160	Groundwater	0.060
Chubbehatchee Creek	03150110160	Surface Water	2.010
Jenkins Creek	03150110170	Groundwater	0.818
Jenkins Creek	03150110170	Surface Water	23.782
Harwells Mill Creek	03150110180	Groundwater	0.058

Notes:

Source: ADECA, OWR, 2004

HUC = hydrologic unit code

mgd = million gallons per day

TABLE D-2
Surface Water Withdrawals (mgd) in Counties in the Tallapoosa River Basin–2000
Tallapoosa River Basin Management Plan

County	Public Supply		Commercial	Domestic	Industrial		Thermoelectric		Mining		Livestock	Aquaculture		Irrigation	Total	
	Fresh	Saline	Fresh	Fresh	Fresh	Saline	Fresh	Saline	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline
Autauga	0.00			0.00	26.60	0.00	0.00	0.00				0.00		0.40	27.00	0.00
Baldwin	0.00			0.00	5.70	0.00	0.00	0.00				0.00		17.00	22.70	0.00
Barbour	0.00			0.00	0.00	0.00	0.00	0.00				0.00		17.60	17.60	0.00
Bibb	0.00			0.00	0.00	0.00	0.00	0.00				0.00		0.00	0.00	0.00
Blount	29.26			0.00	0.00	0.00	0.00	0.00				0.00		0.45	29.71	0.00
Bullock	0.00			0.00	0.00	0.00	0.00	0.00				0.00		5.20	5.20	0.00
Butler	0.00			0.00	0.00	0.00	0.00	0.00				0.00		0.00	0.00	0.00
Calhoun	3.21			0.00	0.00	0.00	0.00	0.00				0.00		4.80	8.01	0.00
Chambers	6.20			0.00	5.70	0.00	0.00	0.00				0.00		0.90	12.80	0.00
Cherokee	1.91			0.00	0.00	0.00	0.00	0.00				1.44		13.70	17.05	0.00
Chilton	1.40			0.00	0.00	0.00	0.00	0.00				0.00		0.00	1.40	0.00
Choctaw	0.00			0.00	50.00	0.00	0.00	0.00				0.00		0.00	50.00	0.00
Clarke	0.29			0.00	20.00	0.00	0.00	0.00				0.00		0.00	20.29	0.00
Clay	1.10			0.00	0.00	0.00	0.00	0.00				0.00		0.00	1.10	0.00
Cleburne	0.59			0.00	0.00	0.00	0.00	0.00				0.00		0.00	0.59	0.00
Coffee	0.00			0.00	0.00	0.00	0.00	0.00				0.00		28.50	28.50	0.00
Colbert	7.31			0.00	82.60	0.00	1,251	0.00				0.00		8.00	1,348.91	0.00
Conecuh	0.00			0.00	0.00	0.00	0.00	0.00				0.00		0.00	0.00	0.00
Coosa	0.34			0.00	0.00	0.00	0.00	0.00				0.00		0.00	0.34	0.00

TABLE D-2
Surface Water Withdrawals (mgd) in Counties in the Tallapoosa River Basin–2000
Tallapoosa River Basin Management Plan

County	Public Supply		Commercial	Domestic	Industrial		Thermoelectric		Mining		Livestock	Aquaculture		Irrigation	Total	
	Fresh	Saline	Fresh	Fresh	Fresh	Saline	Fresh	Saline	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline
Covington	0.00			0.00	0.00	0.00	20.80	0.00				0.00		6.00	26.80	0.00
Crenshaw	0.00			0.00	0.00	0.00	0.00	0.00				0.00		2.40	2.40	0.00
Cullman	39.60			0.00	1.15	0.00	0.00	0.00				0.00		0.33	41.08	0.00
Dale	0.00			0.00	0.00	0.00	0.00	0.00				0.00		5.10	5.10	0.00
Dallas	0.00			0.00	40.00	0.00	0.00	0.00				0.00		1.40	41.40	0.00
De Kalb	15.60			0.00	0.00	0.00	0.00	0.00				0.00		0.80	16.40	0.00
Elmore	2.10			0.00	0.00	0.00	0.00	0.00				0.00		4.40	6.50	0.00
Escambia	0.00			0.00	34.00	0.00	0.00	0.00				0.00		3.60	37.60	0.00
Etowah	19.00			0.00	18.30	0.00	150	0.00				0.00		9.50	196.80	0.00
Fayette	1.57			0.00	0.50	0.00	0.00	0.00				0.00		0.00	2.07	0.00
Franklin	3.00			0.00	0.00	0.00	0.00	0.00				0.00		0.02	3.02	0.00
Geneva	0.00			0.00	0.00	0.00	0.00	0.00				0.00		6.90	6.90	0.00
Greene	0.00			0.00	0.00	0.00	357.28	0.00				0.00		0.00	357.28	0.00
Hale	0.00			0.00	0.00	0.00	0.00	0.00				0.00		0.04	0.04	0.00
Henry	0.00			0.00	0.00	0.00	0.00	0.00				0.00		20.00	20.00	0.00
Houston	0.00			0.00	0.00	0.00	104.12	0.00				0.00		12.30	116.42	0.00
Jackson	5.95			0.00	9.18	0.00	1,546	0.00				0.00		3.00	1,564.13	0.00
Jefferson	45.18			0.00	0.00	0.00	37.88	0.00				0.00		0.08	83.14	0.00
Lamar	0.00			0.00	0.00	0.00	0.00	0.00				0.00		11.00	11.00	0.00

TABLE D-2
Surface Water Withdrawals (mgd) in Counties in the Tallapoosa River Basin–2000
Tallapoosa River Basin Management Plan

County	Public Supply		Commercial	Domestic	Industrial		Thermoelectric		Mining		Livestock	Aquaculture		Irrigation	Total	
	Fresh	Saline	Fresh	Fresh	Fresh	Saline	Fresh	Saline	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline
Lauderdale	12.00			0.00	0.00	0.00	0.00	0.00				0.00		2.71	14.71	0.00
Lawrence	2.10			0.00	55.80	0.00	0.00	0.00				0.00		6.74	64.64	0.00
Lee	11.50			0.00	2.40	0.00	0.00	0.00				0.00		12.30	26.20	0.00
Limestone	8.10			0.00	0.00	0.00	2,106.67	0.00				0.00		27.70	2,142.47	0.00
Lowndes	0.00			0.00	0.00	0.00	0.00	0.00				0.00		3.42	3.42	0.00
Macon	3.00			0.00	0.00	0.00	0.00	0.00				0.00		7.04	10.04	0.00
Madison	20.00			0.00	1.34	0.00	0.00	0.00				0.00		8.44	29.78	0.00
Marengo	0.00			0.00	18.20	0.00	0.00	0.00				0.00		0.25	18.45	0.00
Marion	4.96			0.00	0.00	0.00	0.00	0.00				0.00		0.00	4.96	0.00
Marshall	15.60			0.00	0.00	0.00	0.00	0.00				0.00		0.12	15.72	0.00
Mobile	125.00			0.00	18.00	0.00	1,111.79	0.00				0.00		2.00	1,256.79	0.00
Monroe	0.00			0.00	59.00	0.00	0.00	0.00				0.00		1.60	60.60	0.00
Montgomery	23.20			0.00	0.70	0.00	0.00	0.00				0.00		2.40	26.30	0.00
Morgan	32.72			0.00	124.32	0.00	0.00	0.00				0.00		1.70	158.74	0.00
Perry	0.00			0.00	0.00	0.00	0.00	0.00				0.00		0.00	0.00	0.00
Pickens	0.00			0.00	0.00	0.00	0.00	0.00				0.00		0.13	0.13	0.00
Pike	0.00			0.00	0.00	0.00	0.00	0.00				0.00		18.50	18.50	0.00
Randolph	1.36			0.00	0.00	0.00	0.00	0.00				0.00		0.00	1.36	0.00
Russell	7.00			0.00	22.80	0.00	0.00	0.00				0.00		10.00	39.80	0.00

TABLE D-2
Surface Water Withdrawals (mgd) in Counties in the Tallapoosa River Basin–2000
Tallapoosa River Basin Management Plan

County	Public Supply		Commercial	Domestic	Industrial		Thermoelectric		Mining		Livestock	Aquaculture		Irrigation	Total	
	Fresh	Saline	Fresh	Fresh	Fresh	Saline	Fresh	Saline	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline
St Clair	0.50			0.00	0.00	0.00	0.00	0.00				0.00		0.01	0.51	0.00
Shelby	1.54			0.00	0.01	0.00	763.94	0.00				0.00		5.30	770.79	0.00
Sumter	0.00			0.00	0.00	0.00	0.00	0.00				0.00		0.00	0.00	0.00
Talladega	8.40			0.00	73.60	0.00	0.00	0.00				0.00		0.50	82.50	0.00
Tallapoosa	10.70			0.00	0.00	0.00	0.00	0.00				0.00		3.60	14.30	0.00
Tuscaloosa	23.20			0.00	1.96	0.00	0.00	0.00				0.00		2.20	27.36	0.00
Walker	58.34			0.00	0.00	0.00	632.88	0.00				0.00		0.67	691.89	0.00
Washington	0.32			0.00	4.80	0.00	107.61	0.00				0.00		0.18	112.91	0.00
Wilcox	0.00			0.00	23.00	0.00	0.00	0.00				0.00		0.00	23.00	0.00
Winston	0.00			0.00	0.00	0.00	0.00	0.00				0.00		0.00	0.00	0.00
Total:	553.15			0.00	699.66	0.00	8,189.97	0.00				1.44		300.93	9,745.15	0.00

Note:
Source: USGS Water Resources Division – Will Mooty

TABLE D-3
Groundwater Withdrawals (mgd) in Counties in the Tallapoosa River Basin–2000
Tallapoosa River Basin Management Plan

County	Public Supply	Commercial	Domestic	Industrial	Thermoelectric		Mining	Livestock		Aquaculture		Irrigation	Total		
	Fresh	Saline	Fresh	Fresh	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline
Autauga	5.70			2.95	1.69	0.00	0.00						0.29	10.63	0.00
Baldwin	19.70			2.46	0.79	0.00	0.00						35.50	58.45	0.00
Barbour	4.85			0.51	0.94	0.00	0.00						1.03	7.33	0.00
Bibb	3.78			0.22	0.00	0.00	0.00						0.00	4.00	0.00
Blount	2.55			0.38	0.00	0.00	0.00						0.00	2.93	0.00
Bullock	2.50			0.09	0.00	0.00	0.00						0.00	2.59	0.00
Butler	3.35			0.17	0.25	0.00	0.00						0.14	3.91	0.00
Calhoun	18.80			0.97	1.28	0.00	0.00						0.00	21.05	0.00
Chambers	0.01			0.27	0.00	0.00	0.00						0.00	0.28	0.00
Cherokee	1.20			0.18	0.00	0.00	0.00						0.06	1.44	0.00
Chilton	2.11			1.10	0.49	0.00	0.00						0.03	3.73	0.00
Choctaw	1.08			0.63	0.00	0.00	0.00						0.00	1.71	0.00
Clarke	2.29			0.24	0.00	0.00	0.00						0.00	2.53	0.00
Clay	0.00			0.57	0.00	0.00	0.00						0.00	0.57	0.00
Cleburne	0.06			0.81	0.62	0.00	0.00						0.00	1.49	0.00
Coffee	7.13			0.82	3.00	0.00	0.00						0.83	11.78	0.00
Colbert	0.74			0.63	3.00	0.00	0.00						4.17	8.54	0.00
Conecuh	1.56			0.11	0.82	0.00	0.00						0.00	2.49	0.00

TABLE D-3
Groundwater Withdrawals (mgd) in Counties in the Tallapoosa River Basin–2000
Tallapoosa River Basin Management Plan

County	Public Supply	Commercial	Domestic	Industrial	Thermoelectric		Mining	Livestock		Aquaculture	Irrigation		Total		
	Fresh	Saline	Fresh	Fresh	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline
Coosa	0.01			0.30	0.00	0.00	0.00			0.00			0.00	0.31	0.00
Covington	6.63			0.28	0.47	0.00	0.00			0.00			0.07	7.45	0.00
Crenshaw	1.85			0.10	0.00	0.00	0.00			0.00			0.00	1.95	0.00
Cullman	0.00			0.58	0.00	0.00	0.00			0.00			0.00	0.58	0.00
Dale	6.88			0.94	0.00	0.00	0.00			0.00			0.28	8.10	0.00
Dallas	10.02			0.94	0.34	0.00	0.00			1.65			1.69	14.64	0.00
De Kalb	1.05			0.48	0.86	0.00	0.00			0.00			0.00	2.39	0.00
Elmore	3.33			0.54	0.00	0.00	0.00			0.00			0.33	4.20	0.00
Escambia	5.60			0.60	1.33	0.00	0.00			0.00			7.56	15.09	0.00
Etowah	3.91			1.24	0.00	0.00	0.00			0.00			0.00	5.15	0.00
Fayette	0.06			0.72	0.00	0.00	0.00			0.00			0.00	0.78	0.00
Franklin	1.04			0.76	0.00	0.00	0.00			0.00			0.00	1.80	0.00
Geneva	1.69			0.91	0.14	0.00	0.00			0.00			0.13	2.87	0.00
Greene	0.78			0.44	0.01	0.00	0.00			1.06			1.06	3.35	0.00
Hale	2.38			0.55	0.04	0.00	0.00			2.91			5.51	11.39	0.00
Henry	1.83			0.12	0.25	0.00	0.00			0.00			3.89	6.09	0.00
Houston	18.92			1.91	1.33	0.00	0.00			0.00			13.88	36.04	0.00
Jackson	1.27			0.69	0.04	0.00	0.00			0.00			0.00	2.00	0.00

TABLE D-3
Groundwater Withdrawals (mgd) in Counties in the Tallapoosa River Basin–2000
Tallapoosa River Basin Management Plan

County	Public Supply	Commercial	Domestic	Industrial	Thermoelectric		Mining	Livestock		Aquaculture	Irrigation		Total		
	Fresh	Saline	Fresh	Fresh	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline
Jefferson	13.90			4.95	0.30	0.00	0.00			0.43			1.13	20.71	0.00
Lamar	1.71			0.12	0.07	0.00	0.00			0.00			0.00	1.90	0.00
Lauderdale	1.14			1.74	0.00	0.00	0.00			0.00			0.00	2.88	0.00
Lawrence	0.00			1.11	0.00	0.00	0.00			0.00			0.00	1.11	0.00
Lee	1.20			0.86	0.00	0.00	0.00			0.00			0.07	2.13	0.00
Limestone	2.72			0.62	0.00	0.00	0.00			0.00			4.06	7.40	0.00
Lowndes	1.41			0.28	0.00	0.00	0.00			0.00			1.30	2.99	0.00
Macon	0.36			0.42	0.06	0.00	0.00			0.00			0.44	1.28	0.00
Madison	29.96			0.20	0.00	0.00	0.00			0.00			7.25	37.41	0.00
Marengo	2.18			0.56	0.80	0.00	0.00			1.38			1.38	6.30	0.00
Marion	0.38			0.23	0.00	0.00	0.00			0.00			0.00	0.61	0.00
Marshall	2.53			0.10	0.76	0.00	0.00			0.00			0.12	3.51	0.00
Mobile	11.03			6.73	21.18	0.00	0.00			0.00			8.26	47.20	0.00
Monroe	5.30			15.56	0.39	0.00	0.00			0.00			4.03	25.28	0.00
Montgomery	21.10			1.68	0.29	0.00	0.00			0.00			0.71	23.78	0.00
Morgan	0.00			1.22	3.12	0.00	0.00			0.00			0.00	4.34	0.00
Perry	2.72			0.33	0.00	0.00	0.00			0.58			0.58	4.21	0.00
Pickens	2.70			0.11	0.12	0.00	0.00			0.00			0.03	2.96	0.00

TABLE D-3
Groundwater Withdrawals (mgd) in Counties in the Tallapoosa River Basin–2000
Tallapoosa River Basin Management Plan

County	Public Supply	Commercial	Domestic	Industrial	Thermoelectric		Mining	Livestock		Aquaculture	Irrigation		Total		
	Fresh	Saline	Fresh	Fresh	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline	Fresh	Fresh	Saline
Pike	4.42			0.64	0.00	0.00	0.00			0.00			5.16	10.22	0.00
Randolph	0.00			0.88	0.00	0.00	0.00			0.00			0.00	0.88	0.00
Russell	1.14			0.00	0.11	0.00	0.00			0.00			0.00	1.25	0.00
St Clair	5.54			1.97	0.00	0.00	0.00			0.00			0.11	7.62	0.00
Shelby	11.19			2.39	0.00	0.00	0.00			0.00			5.16	18.74	0.00
Sumter	1.49			0.80	0.00	0.00	0.00			0.00			0.00	2.29	0.00
Talladega	7.06			2.54	1.51	0.00	0.00			0.00			0.00	11.11	0.00
Tallapoosa	0.02			0.31	0.00	0.00	0.00			0.00			0.00	0.33	0.00
Tuscaloosa	3.37			4.32	0.35	0.00	0.00			0.75			7.18	15.97	0.00
Walker	0.11			1.21	0.11	0.00	0.00			0.00			0.00	1.43	0.00
Washington	1.07			0.87	9.17	0.00	0.00			0.00			0.00	11.11	0.00
Wilcox	0.66			0.34	0.00	0.00	0.00			0.17			0.17	1.34	0.00
Winston	0.23			0.58	0.00	0.00	0.00			0.00			0.00	0.81	0.00
Total:	281.30			78.88	56.03	0.00	0.00			8.93			123.59	548.73	0.00

Note:
Source: U.S. Geological Survey Resources Division, Will Mooty.

APPENDIX E

Sociological Setting

Sociological Setting

Generally speaking, the concentration of urban population increases from north to south within the Tallapoosa River Basin. As the data in Exhibit E-1 show, four of the five most urban counties in the basin (Lee, Macon, Montgomery, and Russell counties) fall within the boundaries of the Lower Tallapoosa River watershed. However, it is important to note that the urbanized areas within Russell and Chambers counties (two of the most urban counties in the basin) fall outside the basin's boundaries. In contrast, all three counties that comprise the Upper Tallapoosa River watershed (Clay, Cleburne, and Randolph counties) are among the four most rural counties in the basin, as well as the most rural in the entire State of Alabama.

EXHIBIT E-1

Urban and Rural Population in the Tallapoosa River Basin
Tallapoosa River Basin Management Plan

Population Area	Total Population	Urban	Percent Urban	Rural	Percent Rural
Montgomery County	223,510	196,892	88%	26,618	12%
Lee County	115,092	77,197	67%	37,895	33%
Russell County	49,756	31,895	64%	17,861	36%
Chambers County	36,583	18,374	50%	18,209	50%
Macon County	24,105	12,005	50%	12,100	50%
Elmore County	65,874	25,069	38%	40,805	62%
Bullock County	11,714	4,139	35%	7,575	65%
Tallapoosa County	41,475	10,265	25%	31,210	75%
Randolph County	22,380	4,873	22%	17,507	78%
Coosa County	12,202	317	3%	11,885	97%
Clay County	14,254	0	0%	14,254	100%
Cleburne County	14,123	0	0%	14,123	100%

Notes:

Source: U.S. Department of Commerce, Bureau of the Census, 2000
 Population, Summary File 1, Table P2. Special tabulation by the Alabama State Data Center.

The distribution of major cities in the basin also reflects this pattern of progressively higher population densities from the northern to the southern reaches of the river. The highest concentration of cities with populations of 10,000 or more (according to the 2000 Census) is located in the Lower Tallapoosa River section. The cities of Montgomery (201,568), Auburn (42,987), Opelika (23,498), and Tuskegee (11,846) are all located in this watershed. In fact, the Montgomery and Auburn/Opelika metropolitan statistical areas are the only large

urbanized areas that extend into the basin. The largest city in the Middle Tallapoosa River watershed, Alexander City (15,008), is the only city in that watershed with a population of more than 10,000. Although the City of Roanoke's population was only 6,563 in 2000, it is the only other city in the entire basin with 5,000 or more persons. By contrast, the largest city in the Upper Tallapoosa River watershed is Heflin, which had a 2000 population of only 3,002.

Recent population growth trends in the basin counties, as illustrated in Exhibit E-2, document higher rates of growth in the urban counties. The counties with the highest rates of growth over the past two decades (1980 to 2000) were Elmore, Lee, and Montgomery. These counties represent three of the four counties within the basin that are part of a standard metropolitan statistical area (MSA), and are the three most populous counties in the basin, according to the 2000 Census. These counties also are located in the Lower Tallapoosa River watershed.

EXHIBIT E-2
Population Trends in the Tallapoosa River Basin (1980 to 2000)
Tallapoosa River Basin Management Plan

County	Total Population (U.S. Census)			% Change 1980-2000	% Change 1990-2000
	1980	1990	2000		
Bullock	10,596	11,042	11,714	10.6%	6.1%
Chambers	39,191	36,876	36,583	-6.7%	-0.8%
Clay	13,703	13,252	14,254	4.0%	7.6%
Cleburne	12,595	12,730	14,123	12.1%	10.9%
Coosa	11,377	11,063	12,202	7.3%	10.3%
Elmore	43,390	49,210	65,874	51.8%	33.9%
Lee	76,283	87,146	115,092	50.9%	32.1%
Macon	26,829	24,928	24,105	-10.2%	-3.3%
Montgomery	197,038	209,085	223,510	13.4%	6.9%
Randolph	20,075	19,881	22,380	11.5%	12.6%
Russell	47,356	46,860	49,756	5.1%	6.2%
Tallapoosa	38,676	38,826	41,475	7.2%	6.8%
Totals	539,089	562,889	633,068	17.5%	12.5%

Notes:
Source: U.S. Census Bureau

Two of the rural counties in the northern portions of the basin (Cleburne and Randolph) also recorded strong population gains in recent years, largely because of the ongoing gradual westward expansion of the suburban Atlanta market into Alabama along the I-20 corridor. The counties in the Middle Tallapoosa River section registered the most modest

rates of growth within the basin. These counties have been hardest hit by job losses in the textile industry, and are the farthest removed from large urban centers and major interstate highway corridors. The rural “black belt” counties of Chambers and Macon recorded the only population declines in the basin.

Overall, the Tallapoosa River Basin counties grew at a faster rate than the state as a whole. While the basin’s counties grew by 17.5 percent between 1980 and 2000 and by 12.5 percent over the past decade, Alabama’s population grew by the more modest rates of 14.2 percent and 10.1 percent, respectively.

The data in Exhibit E-3 show that only one county in the basin (Elmore) has fewer incidents of poverty than the state in all three measures. Elmore County benefits from the migration of relatively affluent households in the Montgomery metropolitan area. Likewise, the statistics for Montgomery County are close to the state averages. Although Cleburne County in the northern portions of the basin is rural, incomes there are supported by a growing influx of commuters from the Anniston and Atlanta metropolitan areas.

EXHIBIT E-3
Measures of Poverty in the Tallapoosa River Basin (1999)
Tallapoosa River Basin Management Plan

County/State	Percent of Population with Incomes below the Poverty Level	Percent of Households Receiving Public Assistance	Percent of Families with Incomes under 150% of the Poverty Level
Alabama	16.1%	2.2%	27.1%
Bullock	33.4%	3.2%	49.3%
Chambers	17.0%	2.7%	30.8%
Clay	17.1%	2.7%	31.6%
Cleburne	13.9%	2.0%	29.4%
Coosa	14.9%	2.4%	30.2%
Elmore	10.2%	1.3%	18.5%
Lee	21.8%	1.5%	35.3%
Macon	32.8%	3.3%	45.4%
Montgomery	17.3%	2.4%	24.8%
Randolph	17.0%	2.4%	31.8%
Russell	19.9%	3.6%	34.0%
Tallapoosa	16.6%	2.1%	29.4%

Notes:
Source: U.S. Census Bureau, 2000 Census

In contrast, 6 of the 12 counties in the basin (Bullock, Chambers, Clay, Macon, Randolph, and Russell) have greater incidents of poverty than the state in all three measures. The highest levels of poverty are found in the traditional “black belt” counties of Bullock and Macon, both of which are within the Lower Tallapoosa River watershed. Overall, the levels of poverty are greater in the southern, rural portions of the Tallapoosa River Basin. However, pockets of poverty are known to exist in all rural counties within the basin, regardless of their overall averages.

APPENDIX F

Water Use Classifications

APPENDIX F

Water Use Classifications

EXHIBIT F-1
 Water Use Classifications
Tallapoosa River Basin Management Plan

Stream	From	To	Classification
Beaverdam Creek	Tallapoosa River	Its Source	F&W
Bulger Creek	Uphapee Creek	Its Source	PWS/F&W
Cahulga Creek	Tallapoosa River	U.S. Highway 78	F&W
Cahulga Creek	U.S. Highway 78	Its Source	PWS/F&W
Calebee Creek	Tallapoosa River	Its Source	F&W
Chatahospee Creek	Tallapoosa River	Its Source	F&W
Chattasoka Creek	Sandy Creek	Its Source	F&W
Chewacla Creek	Chewacla State Park Lake (Moores Mill Creek)	Its Source	PWS/F&W
Chewacla Creek	Uphapee Creek	Chewacla State Park Lake (Moores Mill Creek)	F&W
Christian Creek	Oaktasasi Creek	Its Source	F&W
Coley Creek	Tallapoosa River (Lake Martin)	Its Source	F&W
Crooked Creek	Alabama Highway 9	Its Source	PWS/F&W
Crooked Creek	Tallapoosa River	Alabama Highway 9	F&W
Cubahatchee Creek	Tallapoosa River	Its Source	S/F&W
Dobbs Creek	Oaktasasi Creek	Its Source	F&W
Elkahatchee Creek	Alabama Highway 22	Its Source	F&W
Elkahatchee Creek	Alabama Highway 63	Alabama Highway 22	F&W
Elkahatchee Creek	Tallapoosa River (Lake Martin)	Alabama Highway 63	PWS/F&W
Finley Creek	Mill Creek	Its Source	PWS/F&W
Graves Creek	High Pine Creek	Its Source	F&W
Hackney Creek	Town Creek	Its Source	PWS/F&W
Harold Creek	Elkahatchee Creek	Its Source	F&W
Head Creek	Saugahatchee Creek	Its Source	F&W
High Pine Creek	U.S. Highway 431 Crossing	Its Source	PWS
High Pine Creek	Tallapoosa River	U.S. Highway 431 Crossing	F&W

EXHIBIT F-1
Water Use Classifications
Tallapoosa River Basin Management Plan

Stream	From	To	Classification
Hillabee Creek	Co. Rd. bridge 3 miles east of Hackneyville	Its Source	F&W
Hillabee Creek	Jct. of Oaktasasi and Towns Creek	Co. Rd. bridge 3 miles east of Hackneyville	PWS/F&W
Hillabee Creek	Tallapoosa River	Jct. of Oaktasasi and Towns Creek	F&W
Horsetrough Creek	Crooked Creek	Its Source	F&W
Hutton Creek	Tallapoosa River	Its Source	F&W
Jones Creek	High Pine Creek	Its Source	PWS
Little Kowaliga Creek (Lake Martin)	Big Kowaliga Creek (Lake Martin)	Reservoir Limits	PWS/S/F&W
Little Sandy Creek	Central Georgia RR	Its Source	PWS/F&W
Little Sandy Creek	South Fork of Sand Creek	Central of Georgia RR	F&W
Little Tallapoosa River	Five miles upstream of U.S. Highway 431	Alabama-Georgia State Line	F&W
Little Tallapoosa River (R.L. Harris Lake)	Tallapoosa River (R.L. Harris Lake)	U.S. Highway 431	S/F&W
Little Tallapoosa River (R.L. Harris Lake)	U.S. Highway 431	Five miles upstream of U.S. Highway 431	PWS/S/F&W
Manoy Creek	Tallapoosa River (Lake Martin)	Reservoir Limits (Lake Martin)	F&W
Mill Creek	Chatahospee Creek	Its Source	F&W
Moore's Mill Creek	Chewacla Creek (Dam at Chewacla State Park Lake)	Its Source	S/F&W
North Fork of Sandy Creek	Sandy Creek	Its Source	F&W
Oakfuskee Creek (Line Creek)	Tallapoosa River	Its Source	F&W
Oaktasasi Creek	Hillabee Creek	Its Source	F&W
Old Town Creek	Oakfuskee Creek (Line Creek)	Its Source	F&W
Parkerson Mill Creek	Chewacla Creek	Its Source	F&W
Pepperell Branch	Saugahatchee Creek	Its Source	A&I
Sandy Creek	Tallapoosa River (Lake Martin)	Its Source	F&W
Saugahatchee Creek	Opelika water supply reservoir	Its Source	PWS/F&W
Saugahatchee Creek	Tallapoosa River	Opelika water supply reservoir	F&W

EXHIBIT F-1
Water Use Classifications
Tallapoosa River Basin Management Plan

Stream	From	To	Classification
South Fork of Sandy Creek	Sandy Creek	Its Source	F&W
Sugar Creek	Elkahatchee Creek	Its Source	F&W
Tallapoosa River	Alabama River	U.S. Highway 231	F&W
Tallapoosa River	Cleburne County Rd. 19	Alabama-Georgia State Line	F&W
Tallapoosa River	Four miles upstream of Randolph Co. Rd. 88 (Lee Bridge)	One-half mile upstream of Cleburne Co. Rd. 36	F&W
Tallapoosa River	Hillabee Creek	R. L. Harris Dam	F&W
Tallapoosa River	One-half mile upstream of Cleburne Co. Rd 36	Cleburne County Rd. 19	PWS/F&W
Tallapoosa River	Thurlow Dam	Yates Dam	PWS/S/F&W
Tallapoosa River	U.S. Highway 231	Thurlow Dam	PWS/F&W
Tallapoosa River	Yates Dam	Martin Dam	PWS/S/F&W
Tallapoosa River (Lake Martin)	U.S. Highway 280	Hillabee Creek	PWS/S/F&W
Tallapoosa River (Lake Martin)	Martin Dam	U.S. Highway 280	S/F&W
Tallapoosa River (R.L. Harris Lake)	R. L. Harris Dam	Four miles upstream of Randolph Co. Rd. 88 (Lee Bridge)	S/F&W
Town Creek	High Pine Creek	Its Source	F&W
Town Creek	Hillabee Creek	Its Source	F&W
Uphapee Creek	Tallapoosa River	Its Source	F&W
UT to Jones Creek northwest of Roanoke	Jones Creek	Its Source	PWS
Wedowee Creek	Little Tallapoosa River	Its Source	F&W

Notes:
PWS = Public Water Supply
S = Swimming
F&W = Fish & Wildlife
Source: ADEM Website (<http://www.adem.state.al.us/WaterDivision/WQuality/WQUseClass.htm>)

APPENDIX G

ADEM Water Quality Criteria

APPENDIX G

ADEM Water Quality Criteria

EXHIBIT G-1

Summary of ADEM's Water Use Classifications and Water Quality Criteria, January 2001
Tallapoosa River Basin Management Plan

Rank	Classification	Sewage, Industrial Waste or Other Waste	pH (s.u.)	Temperature (°F)	Dissolved Oxygen (mg/L)	Bacteria (colonies/100ml)	Turbidity (NTU)	Toxicity, Taste, Odor, and Color	Description
* ⁱ	Outstanding National Resource Water (ONRW)	No new or expanded point source discharges shall be allowed.							The water quality criteria are contingent upon the use classification of the specific waterbody that has been assigned the ONRW designation. For example, Little River has been designated as an ONRW waterbody; however, it has been classified by ADEM as a PWS, S, & F&W; therefore, the applicable water quality criteria associated with the PWS, S, & F&W classification apply.
1	Outstanding Alabama Water (OAW)	No new or expanded point source discharges allowed, unless no other feasible alternative can be demonstrated to the satisfaction of the Department.	6.0-8.5	Shall not exceed 90 °F; (86°F) ⁱⁱ Maximum in-stream rise above ambient conditions shall not exceed 5°F; (4.0/1.5 °F) ⁱⁱⁱ	Shall not be less than 5.5	Fecal coliform group shall not exceed a geometric mean of 100 (coastal waters) and 200 (all other waters)	Shall not exceed 50 NTUs above background	Must meet all toxicity requirements, not affect propagation or palatability of fish/shellfish, or affect aesthetic values	
2	Public Water Supply (PWS)	Must be treated or controlled in accordance with ADEM Rule 335-6-10-.08	6.0-8.5	Shall not exceed 90 °F; (86°F) Maximum in-stream rise above ambient conditions shall not exceed 5°F; (4.0/1.5 °F)	Shall not be less than 5.0	1,000 geometric mean 2,000 max. single sample (year-round) [100 (coastal waters) and 200 (all other waters) Jun-Sep] ^{iv}	Shall not exceed 50 NTUs above background	Shall not render waters unsafe or unsuitable for drinking supply or food processing; must meet all toxicity requirements and not affect fish palatability	
3	Swimming and Other Whole Body Water-Contact Sports (S)	Must be treated or controlled in accordance with ADEM Rule 335-6-10-.08	6.0-8.5	Shall not exceed 90 °F; (86°F) Maximum in-stream rise above ambient conditions shall not exceed 5°F; (4.0/1.5 °F)	Shall not be less than 5.0	Fecal coliform group shall not exceed a geometric mean of 100 (coastal waters) and 200 (all other waters)	Shall not exceed 50 NTUs above background	Shall not render the water unsafe for water-contact; not exhibit acute or chronic toxicity; not impair fish palatability or affect the aesthetic value	
4	Shellfish Harvesting (SH)	Must be treated or controlled in accordance with ADEM Rule 335-6-10-.08	6.0-8.5	Shall not exceed 90 °F; (86°F) Maximum in-stream rise above ambient conditions shall not exceed 5°F; (4.0/1.5 °F)	Shall not be less than 5.0	Fecal coliform group shall not exceed a geometric mean of 100 (coastal waters) and 200 (all other waters). Not to exceed FDA limits ^v	Shall not exceed 50 NTUs above background	Shall not exhibit acute or chronic toxicity; not affect marketability or palatability of fish and shellfish or affect the aesthetic value	
5	Fish and Wildlife (F&W)	Must be treated or controlled in accordance with ADEM Rule 335-6-10-.08	6.0-8.5	Shall not exceed 90 °F; (86°F) Maximum in-stream rise above ambient conditions shall not exceed 5°F; (4.0/1.5 °F)	Shall not be less than 5.0	1,000 geometric mean 2,000 max. single sample (year-round) [100 (coastal waters) and 200 (all other waters) Jun-Sep] ^{vi}	Shall not exceed 50 NTUs above background	Shall not exhibit acute or chronic toxicity; not affect marketability or palatability of fish and shellfish or affect the aesthetic value	

EXHIBIT G-1
Summary of ADEM's Water Use Classifications and Water Quality Criteria, January 2001
Tallapoosa River Basin Management Plan

Rank	Classification	Sewage, Industrial Waste or Other Waste	pH (s.u.)	Temperature (°F)	Dissolved Oxygen (mg/L)	Bacteria (colonies/100ml)	Turbidity (NTU)	Toxicity, Taste, Odor, and Color	Description
6	Limited Warmwater Fishery (LWF)	Must be treated or controlled in accordance with ADEM Rule 335-6-10-.08	6.0-8.5	Shall not exceed 90 °F; (86°F) Maximum in-stream rise above ambient conditions shall not exceed 5°F; (4.0/1.5 °F)	Shall not be less than 5.0 (Dec-Apr) Shall not be less than 3.0 (May-Nov)	Fecal coliform group shall not exceed a geometric mean of 1000 (coastal waters) and 2000 for any single sample	Shall not exceed 50 NTUs above background	Shall not exhibit acute or chronic toxicity; shall not render waters unsuitable for agricultural irrigation, livestock watering, industrial cooling, industrial process water supply, fish survival, or interfere with downstream water uses.	
7	Agricultural and Industrial Water Supply (A&I)	Must be treated or controlled in accordance with ADEM Rule 335-6-10-.08	6.0-8.5	Shall not exceed 90 °F; (86°F) Rise above ambient conditions shall not exceed 5°F.	Shall not be less than 3.0	Fecal coliform group shall not exceed a geometric mean of 2000; nor exceed a maximum of 4000 for any single sample	Shall not exceed 50 NTUs above background	Shall not render waters unsuitable for agricultural irrigation, livestock watering, industrial cooling, industrial process water supply, fish survival, or interfere with downstream water uses.	

- ⁱ ONRW is a special designation and is not defined as a separate use classification. Specific water quality criteria are dependent on the particular waterbody and its associated use classification.
- ⁱⁱ For streams, lakes, and reservoirs in the Tennessee and Cahaba River Basins, and for specific segments of the Tallapoosa River Basin that have been designated by the Alabama Department of Conservation and Natural Resources as supporting smallmouth bass, sauger, or walleye, the in-stream temperature shall not exceed 86°F.
- ⁱⁱⁱ The maximum in-stream temperature rise above ambient water temperature due to the addition of artificial heat by a discharger shall not exceed 4°F in coastal or estuarine waters during the period October through May, nor shall the rise exceed 1.5°F during the period June through September.
- ^{iv} For incidental water contact and recreation during June through September, the bacterial quality of the water is acceptable when a sanitary survey by the controlling health authority reveals no source of dangerous pollution and when the geometric mean fecal coliform organism density does not exceed 100 col/100 mL (coastal waters) and 200 col/100 mL (other waters).
- ^v Not to exceed the limits specified in the latest edition of the *National Shellfish Sanitation Program Manual of Operations, Sanitation of Shellfish Growing Areas* (1965), published by the Food and Drug Administration, U.S. Department of Health and Human Services.
- ^{vi} For incidental water contact and recreation during June through September, the bacterial quality of the water is acceptable when a sanitary survey by the controlling health authority reveals no source of dangerous pollution and when the geometric mean fecal coliform organism density does not exceed 100 col/100 mL (coastal waters) and 200 col/100 mL (other waters).

APPENDIX H

NPDES Permits and Other Registrations

APPENDIX H

NPDES Permits and Other Registrations

EXHIBIT H-1
 NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG180327	ANDY'S AUTO PARTS	INDUSTRIAL	NO	WEDOWEE CREEK		03150108
ALG200032	ASSOCIATED RUBBER COMPANY PROBLEND	INDUSTRIAL	NO	MUSCADINE CREEK		03150108
ALG180441	CAMMCO INC	INDUSTRIAL	NO	UT CHULAFINNEE CREEK		03150108
ALP920137	CROWNTUFT MANUFACTURING	INDUSTRIAL	NO			03150108
ALP30041	CROWNTUFT MFG CORP	INDUSTRIAL	NO			03150108
ALG340340	H FLOY LOVVORN ESTATE	INDUSTRIAL	NO	UT SHOAL CREEK		03150108
AL0056146	HEFLIN WASTEWATER TREATMENT LAGOON	MUNICIPAL	NO	TALLAPOOSA RIVER	0.6	03150108
AL0052175	HEFLIN WATER TREATMENT PLANT	MUNICIPAL	NO	CAHULGA CREEK	0.0167	03150108
AL0045306	I 20 WELCOME CENTER LAGOON	MUNICIPAL	NO	KEMP CREEK	0.013	03150108

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NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
AL0074560	MICAVILLE PROCESSING PLANT	INDUSTRIAL	NO	UNNAMED TRIBUTARY TO TALLAPOOSA RV		03150108
ALG180524	MITCHELL AUTO&USED PARTS	INDUSTRIAL	NO	UT LOST CREEK, UT FARMERS CREEK		03150108
AL0053716	ROANOKE TREATMENT PLANT	MUNICIPAL	NO	UNNAMED TRIB HIGH PINE CREEK		03150108
ALG670057	SOUTHERN NATURAL GAS CO	INDUSTRIAL	NO	UT CAHULGA CK, CAHULGA CK, CANE CK, TALLAPOOSA RIVER		03150108
ALG120360	SOUTHWIRE FORTE POWER SYSTEMS	INDUSTRIAL	NO	UT LAKE CHARLES		03150108
AL0002810	TYSON FOODS INC HEFLIN	INDUSTRIAL	NO	TALLAPOOSA RIVER	0.001	03150108
ALG110018	WEBB CONCRETE INC	INDUSTRIAL	NO	UT TOWN CREEK		03150108
AL0024171	WEDOWEE LAGOON	MUNICIPAL	NO	WEDOWEE CREEK	0.15	03150108
ALG240063	WEHADKEE YARN ROCK MILLS	INDUSTRIAL	NO	WEHADKEE CREEK		03150108
ALG180345	WYSNER MOTORS	INDUSTRIAL	NO	UT CHULAFINNEE CREEK		03150108
ALG060380	3D WOODCRAFT INC	INDUSTRIAL	NO	UT FOX CREEK		03150109

EXHIBIT H-1
NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG200023	ACE PRODUCTS INC	INDUSTRIAL	NO	UT CROOKED CREEK		03150109
AL0067695	ADAMS WATER TREATMENT PLANT	MUNICIPAL	NO	UT OF TALLAPOOSA RIVER MARTIN LAKE		03150109
ALG360017	ALABAMA POWER COMPANY - HARRIS HYDRO	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150109
ALG360014	ALABAMA POWER COMPANY - MARTIN DAM HYDRO	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150109
ALG060046	ALABAMA RIVER CHIP JACKSONS GP	INDUSTRIAL	NO	MANOY CREEK		03150109
AL0064661	AMOCO FABRICS AND FIBERS CO	INDUSTRIAL	NO	UT TOWN CREEK		03150109
AL0020141	ASHLAND WWTP	MUNICIPAL	YES	HORSETROUGH CREEK	1.07	03150109
ALG240028	AVONDALE MILLS- BEVELLE	INDUSTRIAL	NO	UT SUGAR CREEK		03150109
ALG180280	BAKER AUTOMOTIVE	INDUSTRIAL	NO	SOAPSTONE CREEK		03150109
ALG060329	BASELINE FORESTRY SERVICES	INDUSTRIAL	NO	UT CHATAHOSPEE CREEK		03150109

EXHIBIT H-1
NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG110014	BROWN'S CONCRETE AND CONSTRUCTION	INDUSTRIAL	NO	UT CROOKED CREEK		03150109
AL0073784	CALPINE HILLABEE ENERGY CTR	INDUSTRIAL	NO	OAKTASASI CREEK		03150109
AL0024210	CAMP HILL WASTEWATER TRMT PLT	MUNICIPAL	NO	SANDY CREEK SOUTH FORK	0.15	03150109
AL0054551	CANDLEWICK YARNS	INDUSTRIAL	NO	UN TRIB TOWN CREEK	0.032	03150109
ALG140548	CHUCK'S MARINA INC	INDUSTRIAL	NO	LAKE MARTIN		03150109
ALG120338	CLARK MACHINE SHOP	INDUSTRIAL	NO	HIGH PINE CREEK		03150109
AL0052680	CLAY COUNTY WATER TRMT PLANT	MUNICIPAL	NO	CROOKED CREEK		03150109
ALG060392	CMS HOLDINGS COMPANY	INDUSTRIAL	NO	GLADNEY MILL BRANCH		03150109
AL0021156	COLEY CREEK WWTP	MUNICIPAL	YES	COLEY CREEK MARTIN LAKE	1.95	03150109
ALG110188	CONCRETE COMPANY	INDUSTRIAL	NO	UT HAROLD CREEK		03150109
ALG110215	CONCRETE COMPANY - ROANOKE	INDUSTRIAL	NO	UT GLADNEY MILL BRANCH CREEK		03150109

EXHIBIT H-1
NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG340352	CROWN CENTRAL PETRO CORP	INDUSTRIAL	NO			03150109
AL0063797	DADEVILLE WWTP	MUNICIPAL	NO	CHATTASOFKA CREEK	0.42	03150109
ALU930008	DANIEL OIL COMPANY INC	INDUSTRIAL	NO			03150109
ALG180436	DARNELLS JUNK YARD	INDUSTRIAL	NO	UT SANDY CREEK		03150109
ALG140623	DARWIN DOBBS CO. CUSTOM D	INDUSTRIAL	NO	SUGAR CREEK		03150109
ALG060269	DON GAY LUMBER CO	INDUSTRIAL	NO	UT HIGH PINE CREEK		03150109
AL0074098	DUKE ENERGY ALEXANDER CTY	INDUSTRIAL	NO	HILLABEE CREEK		03150109
ALG020098	DUNN CONST CO INC-ALEX CY	INDUSTRIAL	NO	UT BLACKMAN CREEK		03150109
AL0052230	EARL C. KNOWLTON WTP	MUNICIPAL	NO	HILLABEE CREEK		03150109
ALG060385	ECON CO- PINEYWOODS MULCH	INDUSTRIAL	NO	UT LAKE MARTIN		03150109
AL0053325	GOODWATER FILTER PLANT	MUNICIPAL	NO	UNNAMED TRIB WILDCAT CREEK		03150109
ALG140396	GRANGER OIL CO INC	INDUSTRIAL	NO	ELKAHATCHEE CREEK		03150109

EXHIBIT H-1
NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
AL0056448	HANSON AGGREGATES SOUTHEAST INCORPORATED	INDUSTRIAL	NO	UNNAMED TRIBUTARIES TO OAKACHOY CR		03150109
ALG140208	HARBOR POINT MARINA	INDUSTRIAL	NO	LAKE MARTIN		03150109
ALH01136	HARRIS ROAD DEVELOPMENT	INDUSTRIAL	NO			03150109
ALG340104	HARRY L DANIEL JOBBER	INDUSTRIAL	NO	UT CHATTASOFKA CREEK		03150109
AL0052043	HILLABEE WATER TREATMENT PLANT	MUNICIPAL	NO	HILLABEE CREEK		03150109
ALG140312	HOLMAN'S ALEX CITY MVG	INDUSTRIAL	NO	GROUNDWATER		03150109
ALG110251	HUEY CONCRETE PRODUCTS CO	INDUSTRIAL	NO	TOWN CREEK		03150109
AL0053538	KOWALIGA RETREAT WWTP	MUNICIPAL	NO	TALLAPOOSA RIVER LAKE MARTIN	0.045	03150109
AL0062839	LAFAYETTE MILL CREEK WWTP	MUNICIPAL	YES	MILL CREEK	1	03150109
AL0053678	LAFAYETTE WTP	MUNICIPAL	NO	UNNAMED TRIBUTARY FINLEY CREEK		03150109
AL0050644	LINEVILLE LAGOON	MUNICIPAL	NO	UNNAMED TRIBUTARY TO CROOKED CREEK	0.5	03150109

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NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG120289	MAYFIELD SALVAGE, INC.	INDUSTRIAL	NO	RADIO TOWER ROAD CREEK		03150109
ALG180022	MCGUIRE'S SALVAGE YARD	INDUSTRIAL	NO	TURKEY BRANCH		03150109
ALG180065	MIDWAY AUTO SALVAGE	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150109
ALG160137	NORTH CENTRAL AVE C&D LF	MUNICIPAL	NO	UT OAKTASASI CREEK		03150109
ALG120354	PLANTATION PATTERNS	INDUSTRIAL	NO	CARLISLE BRANCH		03150109
ALG140211	PLEASURE POINT PK& MARINA	INDUSTRIAL	NO	LAKE MARTIN		03150109
ALG110360	RANDOLPH COUNTY CONCRETE COMPANY	INDUSTRIAL	NO	UT LAKE WEDOWEE		03150109
ALG160021	RANDOLPH COUNTY SANITARY LANDFILL	INDUSTRIAL	NO	UT WILDCAT CREEK		03150109
ALG140196	REAL ISLAND MARINA	INDUSTRIAL	NO	LAKE MARTIN		03150109
AL0062715	ROANOKE HCR LAGOON	MUNICIPAL	YES	HIGH PINE CREEK	1.3	03150109
ALG120197	ROBINSON FOUNDRY INC	INDUSTRIAL	NO	TRIB. ELKAHATCHEE CREEK		03150109

EXHIBIT H-1
NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG140194	ROYSTER ENTERPRISES INC	INDUSTRIAL	NO	ENITACHOPCO CREEK		03150109
ALG240054	RUSSELL CORP ALEX CITY	INDUSTRIAL	NO	SUGAR CREEK		03150109
ALP960066	RUSSELL CORP ALEX CITY	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150109
ALG140751	RUSSELL LANDS - KOWALIGA MARINA	INDUSTRIAL	NO	LAKE MARTIN		03150109
ALG140750	RUSSELL LANDS-RIDGE MARINA	INDUSTRIAL	NO	LAKE MARTIN		03150109
ALG140752	RUSSELL LANDS-RIVER NORTH	INDUSTRIAL	NO	LAKE MARTIN		03150109
ALG120125	RUSSELL PIPE & FOUNDRY	INDUSTRIAL	NO	UT ELKAHATCHEE CREEK		03150109
ALG200045	SHAPE SOUTH, INC.	INDUSTRIAL	NO	BUCK CREEK		03150109
ALG110020	SHERMAN INDUSTRIES INC	INDUSTRIAL	NO	UT TALLAPOOSA RIVER		03150109
ALG140507	SKYLINE TRANSPORTATION	INDUSTRIAL	NO	UT SUGAR CREEK		03150109
ALG160080	SOLID WASTE DISPOSAL AUTHORITY	INDUSTRIAL	NO	TANYARD BRANCH		03150109
ALG120391	STEELFAB INC OF ALABAMA	INDUSTRIAL	NO	UT GLADNEY MILL BRANCH CREEK		03150109

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NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
AL0047601	STILLWATERS RESORT SPRAYFIELD	INDUSTRIAL	NO	GROUNDWATER	0.09	03150109
ALG020134	STRAIN ASPHALT AND PAVING	INDUSTRIAL	NO	UT GLADNEY MILL BRANCH CREEK		03150109
AL0048861	SUGAR CK WWTP	MUNICIPAL	YES	TALLAPOOSA R MARTIN LK AND SUGAR CK	8.5	03150109
ALG140373	T C RUSSELL AIRPORT	INDUSTRIAL	NO	SUGAR CREEK		03150109
ALG670007	TRANS GAS PIPELINE CORP- WADLEY	INDUSTRIAL	NO	BEAVER DAM CREEK		03150109
ALG670165	TRANSCO- MOMENTUM KELLYTON	INDUSTRIAL	NO	HILLABEE CREEK		03150109
ALG70007	TRANSCONTINENTA L GAS PL CORP	INDUSTRIAL	NO	BEAVER DAM CREEK		03150109
ALG060300	TRU-WOOD CABINETS INC	INDUSTRIAL	NO	UT ENITACHOPCO CREEK		03150109
ALG150033	TYSON FOODS INC - ASHLAND	INDUSTRIAL	NO	HORSETROUGH CREEK		03150109
ALG140636	URRUTIA INC	INDUSTRIAL	NO	UT ELKAHATCHEE CREEK		03150109
AL0062847	WADLEY LAGOON	MUNICIPAL	NO	TALLAPOOSA RIVER	0.15	03150109

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NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG060395	WELL MADE INC	INDUSTRIAL	NO	UT CROOKED CREEK/ JETER BRANCH FOX CREEK		03150109
ALG060004	WELLBORN CABINETS INC	INDUSTRIAL	NO	UT METCALF CREEK		03150109
ALG060187	WELLBORN FOREST PRDTS	INDUSTRIAL	NO	TRIB. SUGAR CREEK		03150109
ALG180272	WILLIES CYCLE, INC.	INDUSTRIAL	NO	GROUNDWATER AND UPPER TALLAPOOSA		03150109
AL0029424	WIND CREEK STATE PARK LAGOON	MUNICIPAL	NO	TALLAPOOSA RIVER LAKE MARTIN	0.1	03150109
ALHA01127	84 LUMBER COMPANY MONTGOMERY	INDUSTRIAL	NO			03150110
AL0051403	AL DCOR RED EAGLE HONOR FARM L	MUNICIPAL	NO	TALLAPOOSA RIVER	0.025	03150110
ALG670133	ALABAMA GAS-PINE LEVEL #2	INDUSTRIAL	NO	UT MIDDLE CREEK		03150110
ALG360013	ALABAMA POWER COMPANY- THURLOW HYDRO	INDUSTRIAL	NO			03150110
AL0050181	ALABAMA SHERIFF GIRLS RANCH	MUNICIPAL	NO	WIND CREEK	0.012	03150110

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NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
AL0073024	ANDERSON ROAD MATERIALS LLC	INDUSTRIAL	NO	UT TO TALLAPOOSA RIVER GROUNDWATER		03150110
ALG020015	APAC ALABAMA INC	INDUSTRIAL	NO	UT CHEWACLA		03150110
ALG020041	APAC ALABAMA INCORPORATED MONTGOMERY	INDUSTRIAL	NO	UT TALLAPOOSA RIVER		03150110
ALG020002	APAC INCORPORATED	INDUSTRIAL	NO	UT HOGANS CREEK		03150110
ALG360010	APCO YATES HYDRO	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150110
ALG140468	AU OPELIKA AP	INDUSTRIAL	NO	UT MOORE'S MILL CREEK		03150110
ALG140369	AVERITT EXPRESS INC	INDUSTRIAL	NO	JENKINS CREEK		03150110
AL0050016	BAMA RAILCAR	INDUSTRIAL	NO	CUBAHATCHEE CREEK	0.01	03150110
ALG060322	BAMA WOOD INC-KELLYTON	INDUSTRIAL	NO	OAKTASASI CREEK		03150110
AL0043656	BEAUREGARD HIGH SCHOOL LAGOON	MUNICIPAL	NO	UT TO CHEWACLA CREEK	0.018	03150110
ALG340098	BLACKBURN OIL COMPANY INC	INDUSTRIAL	NO	UT SOUGAHATCHEE CREEK		03150110

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NPDES Permits
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Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG120330	BRIGGS & STRATTON CORP	INDUSTRIAL	NO	UT PARKERSON MILL AND PARKERSON MILL		03150110
ALG110274	BUILDERS SUPPLY EAST PLANT	INDUSTRIAL	NO	JENKINS CREEK		03150110
ALG120339	C AND D SCRAP	INDUSTRIAL	NO	UT BURT MILL CREEK		03150110
AL0065731	C T PERRY WTP	MUNICIPAL	NO	TALLAPOOSA RIVER		03150110
ALG060161	CAPITAL VENEER WORKS	INDUSTRIAL	NO	UT CONLEY CREEK		03150110
ALG110026	CASTONE CORPORATION	INDUSTRIAL	NO	UT CHEWACLA		03150110
AL0071315	CENTRAL ELMORE WATER AUTHORITY	MUNICIPAL	NO	UNNAMED TRIB TO MARTIN LAKE		03150110
ALG250028	CHAR-BROIL A DIV OF WC BRADLEY	INDUSTRIAL	NO	PEPPERMILL BRANCH CREEK		03150110
ALG340383	CITY OF OPELIKA-PUBLIC WORKS	MUNICIPAL	NO	EAST CREEK		03150110
ALL045641	COLONY APARTMENTS	MUNICIPAL	NO			03150110
AL0045641	COLONY CONDOMINIUMS WWTP	MUNICIPAL	NO	UT TO SAUGAHATCHEE CREEK	0.02	03150110
ALG110019	CONCRETE COMPANY	INDUSTRIAL	NO	UT SEVEN MILE CREEK		03150110

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Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG110276	CONCRETE COMPANY	INDUSTRIAL	NO	HOGANS CREEK		03150110
ALG110308	CONCRETE COMPANY INC	INDUSTRIAL	NO	UT CHEWACLA CREEK		03150110
AL0064955	CONWAY ACRES TRAILER PK LAGOON	MUNICIPAL	NO	CHOCTAFAULA CREEK	0.037	03150110
AL0073644	COOSADA READY MIX USA	INDUSTRIAL	NO	UT SEVEN MILE CREEK		03150110
ALG110362	COUCH READY MIX USA	INDUSTRIAL	NO	UT ROBINSON CREEK		03150110
ALG140721	D&J ENTERPRISES	INDUSTRIAL	NO	UT CHOCTAFAULA CREEK		03150110
ALP900155	DIVERSIFIED PRODUCTS TUBE	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150110
ALP890054	DP TUBE MILL	INDUSTRIAL	NO			03150110
ALP890055	DP WILLIAMSON AVE	INDUSTRIAL	NO			03150110
ALG020101	EAST ALABAMA PAVING COMPANY INC	INDUSTRIAL	NO	UT CHEWACLA		03150110
AL0067903	ECLECTIC LAGOON & SPRAYFIELD	MUNICIPAL	NO	GROUNDWATER		03150110
ALG150049	FLOWERS BAKING CO.	INDUSTRIAL	NO	PEPPERELL BRANCH		03150110

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NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG180098	FOREIGN AUTO SALVAGE	INDUSTRIAL	NO	GALBRAITH MILL CREEK		03150110
ALG140393	FULLER WAREHOUSE & GIN	INDUSTRIAL	NO	UT HANEY CREEK		03150110
ALG120331	GKN WESTLAND AEROSPACE	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150110
AL0050237	H C MORGAN WPCF	MUNICIPAL	YES	PARKERSON MILL CREEK	9	03150110
ALG180256	HEART OF DIXIE AUTO PARTS	INDUSTRIAL	NO	GROUNDWATER AND/OR UT		03150110
AL0052981	HOLTVILLE FILTER PLANT	MUNICIPAL	NO	UNNAMED TRIB MORTAR CREEK		03150110
ALG180489	J & M AUTO SALVAGE	INDUSTRIAL	NO	STONE CREEK		03150110
ALG340342	JET PEP #48	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150110
ALG110142	KIRKPATRICK CONCRETE INC.	INDUSTRIAL	NO	UT HOGAN'S CREEK		03150110
ALG110040	LAFARGE/AUBURN READY MIX	INDUSTRIAL	NO	UT SOUGAHATCHEE CREEK		03150110
ALG140406	LAMBERT TRF & STORAGE	INDUSTRIAL	NO	UT SOUGAHATCHEE CREEK		03150110
ALG240074	LESHNER CORPORATION	INDUSTRIAL	NO	UT SOUGAHATCHEE CREEK		03150110

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NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
AL0068454	LINE CREEK	INDUSTRIAL	NO	LINE CK GROUNDWATER UT TO LINE CK		03150110
AL0043672	LOACHAPOKA HIGH SCHOOL LAGOON	MUNICIPAL	NO	UT TO CHOCLAFAULA CREEK	0.137	03150110
ALG140481	M & M TRUCKING CO, INC	INDUSTRIAL	NO	PARKERSON MILL CREEK		03150110
AL0049841	MACON COUNTY GREYHOUND PK INC	INDUSTRIAL	NO	GROUNDWATER	0.04	03150110
ALG060355	MASTERBRAND CABINETS, INC	INDUSTRIAL	NO	UT PARKERSON MILL CREEK		03150110
ALG200056	MICHELIN N A UNIROYGAL GOODRICH TIRE MANUFACTURING DIVISION	INDUSTRIAL	NO	CHEWACLA CREEK & LITTLE UCHEE CREEK		03150110
ALG240039	MOUNT VERNON MILLS	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150110
AL0047236	MT NEBO WASTEWATER TRMT PLANT	MUNICIPAL	NO	PERSIMMON CREEK	0.027	03150110
ALG120404	NEPTUNE TECH GROUP INC	INDUSTRIAL	NO	LEWIS CREEK/ WALLAHATCHEE CREEK		03150110
AL0050245	NORTHSIDE WPCF	MUNICIPAL	YES	SOUGAHATCHEE CREEK	1.6	03150110

EXHIBIT H-1
NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG340227	NOTASULGA FINA	INDUSTRIAL	NO	UT RED CREEK		03150110
AL0070939	NOTASULGA LAGOON & SPRAYFIELD	MUNICIPAL	NO	GROUNDWATER	0.085	03150110
AL0050130	OPELIKA CITY WASTEWATER WESTSIDE TREATMENT FACILITY	MUNICIPAL	YES	SAUGAHATCHEE CREEK	4	03150110
ALG120124	OPELIKA FOUNDRY COMPANY	INDUSTRIAL	NO	HALAWAKEE CREEK SAUGAHATCHEE CREEK		03150110
ALG340385	PETRO STATION #242	INDUSTRIAL	NO	TUSKEGEE CITY LAKE		03150110
AL0065757	PETRO STOPPING CENTERS WWTP	MUNICIPAL	NO	CUBAHATCHEE CREEK	0.006	03150110
ALG120026	PROGRESS RAIL SERVICES	INDUSTRIAL	NO	TALLAPOOSA RIVER		03150110
AL0003310	QUANTEGY INC	INDUSTRIAL	NO	TRIB TO PEPPERELL BRANK	0.29	03150110
AL0074314	RAILWORKS WOOD WASTE	INDUSTRIAL	NO	MILLER CREEK		03150110
ALG140435	RENTAL SERVICE COMPANY	INDUSTRIAL	NO	GROUNDWATER		03150110

EXHIBIT H-1
NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG120071	ROBERT BOSCH TOOL CORPORATION	INDUSTRIAL	NO	UT PARKERSON MILL CREEK		03150110
ALG110262	SHERMAN INDUSTRIES INC	INDUSTRIAL	NO	UT LAKE MARTIN		03150110
ALG110006	SHERMAN INTERNATIONAL CENTRAL AL DIV	INDUSTRIAL	NO	UT HOGANS CREEK		03150110
ALG120051	SIMCALA INC	INDUSTRIAL	NO	MILLER CREEK		03150110
ALG340345	SISTRUNK GROCERY	INDUSTRIAL	NO	BIG CREEK		03150110
ALG120016	SMC SOUTH	INDUSTRIAL	NO	UT CHOCTAFAULA CREEK		03150110
AL0051896	SOUTH MACON HIGH SCHOOL	MUNICIPAL	NO	CALEBEE CREEK	0.018	03150110
ALG670027	SOUTHERN NATURAL GAS CO	INDUSTRIAL	NO	BRUSH/SNAKE/WA TULA/FLAKE/MILL/ NAS		03150110
ALG670064	SOUTHERN NATURAL GAS CO	INDUSTRIAL	NO	COOSA R, TALLAPOOSA R, WALLAHATCHEE CK		03150110
ALG120477	STAHLSCHMIDT AND MAIWORM	INDUSTRIAL	NO	UT AND PARKERSON MILL CREEK		03150110

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NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
AL0058777	STATE OF AL DEPARTMENT OF YOUTH SERVICES	MUNICIPAL	NO	U T TO BUTLER CREEK	0.06	03150110
ALG160161	SUNFLOWER E.A.T.S., LLC	INDUSTRIAL	NO	UT SOUGAHATCHEE CREEK		03150110
AL0053082	TALLASSEE FILTER PLANT CITY OF	MUNICIPAL	NO	TALLAPOOSA RIVER	0.18	03150110
AL0020486	TALLASSEE SEWER STABILIZATION	MUNICIPAL	YES	TALLAPOOSA RIVER	1.4	03150110
ALG160159	TALLASSEE WASTE DISPOSAL	INDUSTRIAL	NO	UT GLEEDEN BRANCH		03150110
ALG340132	TAYLOR PETROLEUM INC.	INDUSTRIAL	NO	CHANNAHATCHEE CREEK		03150110
ALG110174	THE CONCRETE CO.-TALLASSE	INDUSTRIAL	NO	WALLAHATCHEE CREEK		03150110
ALG120171	THE FALK CORPORATION	INDUSTRIAL	NO	PARKERSON MILL CK AND WEBSTERS POND		03150110
AL0059242	THREE SPRINGS SCHOOL LAGOON	MUNICIPAL	NO	U T TO LITTLE PERSIMMON CREEK	0.015	03150110
AL0048763	TUSKEGEE NORTH WATER POLLUTION	MUNICIPAL	YES	TALLAPOOSA RIVER	2	03150110
ALG110143	TUSKEGEE READY MIX-TUSKEG	INDUSTRIAL	NO	UT CALEBEE CREEK		03150110

EXHIBIT H-1
NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
AL0025984	TUSKEGEE SOUTH WWTP	MUNICIPAL	YES	CALEBEE CREEK		03150110
AL0052124	TUSKEGEE WATER TREATMENT PLANT	MUNICIPAL	NO	UT TALLAPOOSA RIVER		03150110
ALG110222	TWIN CITY CONCRETE AUBURN	INDUSTRIAL	NO	UT MOORE'S MILL CREEK		03150110
AL0060445	UNION SPRINGS WWTP AND LAND AP	MUNICIPAL	YES	GROUNDWATER	1.5	03150110
ALG140019	W S NEWELL INC	INDUSTRIAL	NO	JENKINS CREEK		03150110
ALG180167	WAGNON AUTO PARTS INC	INDUSTRIAL	NO	UT SEVEN MILE CREEK		03150110
AL0068632	WARD PROPERTY	INDUSTRIAL	NO	UT TO CALEBEE CREEK		03150110
ALG180159	WASTE RECYCLING-OPELIKA	INDUSTRIAL	NO	PEPPERELL CREEK		03150110
AL0001074	WESTPOINT STEVENS GRIFFTEX CHEMICALS	INDUSTRIAL	NO	PEPPERELL BRANCH	0.0078	03150110
AL0002968	WESTPOINT-OPELIKA MILL	INDUSTRIAL	YES	PEPPERELL BRANCH	1.85	03150110

EXHIBIT H-1
 NPDES Permits
Tallapoosa River Basin Management Plan

Permit Number	Facility	Facility Type	Major Discharger	Receiving Waters	Flow (mgd)	8-Digit HUC
ALG340326	WILLIAMS EXPRESS INC 2139	INDUSTRIAL	NO	SOUGAHATCHEE CREEK		03150110
ALG340030	WILSON OIL COMPANY INC	INDUSTRIAL	NO	PARKERSON MILL CREEK		03150110

Notes:
 mgd = million gallons per day
 HUC = hydrologic unit code

EXHIBIT H-2
Sand and Gravel Mines/Rock Quarries
Tallapoosa River Basin Management Plan

Permit Number	Facility	Receiving Waters	8-digit HUC
ALR320688	JACK KITCHEN BORROW PIT		03150108
AL0075191	WEDOWEE QUARRY INCORPORATION		03150108
ALR320678	ALEX CITY PIT NUMBER 1		03150109
ALR320679	ALEX CITY PIT NUMBER 2		03150109
ALR320681	ALEX CITY PIT NUMBER 4		03150109
ALR320637	GRANGER ROY JIMMY SANFORD PIT		03150109
ALR101510	HIGHWAY 22 BORROW PIT SITE	UT HILLABEE CREEK	03150109
AL0067334	LARRY SCROGGINS PIT	UT TO THE TALLAPOOSA RV LAKE MARTIN	03150109
AL0067172	MORAN PIT	TALLAPOOSA RIVER	03150109
ALR320636	PINEY WOODS PIT		03150109
ALR320446	SAXON BORROW PIT	MATTOX BRANCH	03150109
AL0002640	AUBURN QUARRY	CHEWACLA CK LK OGLETREE IMPOUNDMENT	03150110
AL0069850	CITY PIT	UT TO OLIVER CK UT TO TALLAPOOSA RV	03150110
AL0061468	DUBOSE PIT 1	UT TO MILLER CK MILLER CREEK GW	03150110
AL0070637	GRAHAM MATTHEWS WAUGH PIT	UT TO LINE CREEK GROUNDWATER	03150110
ALR320754	HALL PIT		03150110
ALR105799	HANCOCK PIT		03150110
ALR320613	HOWARD GRIGGS PIT NUMBER 1		03150110
ALR320614	HOWARD GRIGGS PIT NUMBER 2		03150110
ALR105745	MCLEMORE PIT ATLANTA HIGHWAY		03150110

EXHIBIT H-2
 Sand and Gravel Mines/Rock Quarries
Tallapoosa River Basin Management Plan

Permit Number	Facility	Receiving Waters	8-digit HUC
AL0070122	OPELIKA QUARRY	UT OF CHEWACLA CK UT LITTLE UCHEE C	03150110
AL0062405	PINKSTON PIT	UT TO TALLAPOOSA RV CUBAHATCHEE CK	03150110
AL0057207	WAUGH PIT	GROUNDWATER LINE CR TANK BRANCH	03150110
AL0074136	WAUGH PIT NO 2	UT LINE CREEK GROUNDWATER	03150110
AL0074357	WEST LEE COUNTY QUARRY	UT TO SOUGAHATCHEE CREEK	03150110

Note:
 HUC = hydrologic unit code

EXHIBIT H-3
Registered CAFOs in the Tallapoosa River Basin
Tallapoosa River Basin Management Plan

Registration No.	Facility	Primary Animal Type	Near Surface Stream	8-Digit HUC
A000208	BEAR RIVER FARMS	POULTRY - BROILER	TALLAPOOSA RIVER	03150108
A000239	BILLY FRED LIPHAM FARMS	POULTRY - BROILER	COHOBADIAH CREEK	03150108
A000211	BLUE RIDGE, HAYWOOD, BIRD EGG FARMS	POULTRY LAYER DRY	CHULAFINNEE CREEK	03150108
A000209	CDL FARMS/GO FOR BROKE FARMS	POULTRY LAYER DRY	TALLAPOOSA RIVER	03150108
A000410	COCKADOODLE/FEATHER FARM	POULTRY - BROILER	CANE CREEK	03150108
A000213	CROSSON FARM	POULTRY - BROILER	UT UPPER TALLAPOOSA RIVER	03150108
A000242	H. G. MILES FARMS	POULTRY - BROILER	LITTLE TALLAPOOSA	03150108
A000240	HOMESTEAD FARM	POULTRY - BROILER	CANE CREEK	03150108
A000212	JACKSON POULTRY	POULTRY - BROILER	LOST CREEK	03150108
A000238	JASON SIMPSON FARMS	POULTRY - BROILER	LITTLE TALLAPOOSA RIVER	03150108
A000237	LITTLE RIVER FARMS, INC.	POULTRY - BROILER	LITTLE TALLAPOOSA RIVER	03150108
A000243	PHILLIPS POULTRY FARM	POULTRY - BROILER	LITTLE KETCHEPEDRAKEE CREEK	03150108
A000210	RED COMB FARM	POULTRY LAYER DRY	FARMER CREEK	03150108
A000241	SHELTON POULTRY FARM	POULTRY - BROILER	TALLAPOOSA RIVER	03150108

Notes:
CAFO = concentrated animal feed operation
HUC = hydrologic unit code

APPENDIX I

Abbreviated Final 2002 §303(d) List for Alabama

APPENDIX I

Abbreviated Final 2002 §303(d) List for Alabama

EXHIBIT I-1
 Final 2002 §303(d) List for Alabama
 Tallapoosa River Basin Management Plan

WaterbodyID	Waterbody Name	Support Status	Type of Water	Rank	River Basin	County	Uses	Causes	Sources	Date of Data	Size	Downstream / Upstream Locations	1996 303(d)?	Draft TMDL Date
AL/03150108-250_01	Wolf Creek	Partial	R	M	Tallapoosa	Randolph	Fish & Wildlife	Pathogens	Int. animal feeding oper.	1990	4.0 miles	L. Tallapoosa River / Its Source	Yes	2002
AL/03150109-190_01	Sugar Creek	Non	R	H	Tallapoosa	Tallapoosa	Fish & Wildlife	Metals (Cu) Chlorides Nutrients Color	Municipal	1990-96	4.8 miles	Elkahatchee Creek / Sugar Cr Alex City	No	2004
AL/Yates Res_01	Yates Reservoir (Sougahatchee Creek Embayment)	Non	L	H	Tallapoosa	Tallapoosa	Public Water Supply Swimming Fish & Wildlife	Nutrients	Industrial Municipal Nonirrigated crop prod. Pasture grazing	1994-97	224 acres	Soug. Cr. Embayment / NW1/4, S 21, T19N, R22E	Yes	2003
AL/03150110-030_01	Pepperell Branch	Non	R	H	Tallapoosa	Lee	Fish & Wildlife	Nutrients	Industrial	1988	6.5 miles	Sougahatchee Creek /	Yes	2003

EXHIBIT I-1
Final 2002 §303(d) List for Alabama
Tallapoosa River Basin Management Plan

WaterbodyID	Waterbody Name	Support Status	Type of Water	Rank	River Basin	County	Uses	Causes	Sources	Date of Data	Size	Downstream / Upstream Locations	1996 303(d)?	Draft TMDL Date
AL/03150110-100_01	Calebee Creek	Non	R	H	Tallapoosa	Macon	Fish & Wildlife	Siltation	Surface mining	1996	10 miles	Tallapoosa River / Its Source	No	2002
								Other habitat alteration	Agriculture			Macon Co. Rd. 9		
AL/03150110-120_01	Cubahatchee Creek	Non	R	H	Tallapoosa	Macon	Swimming	Siltation	Surface mining	1996	41 miles	Tallapoosa River /	No	2002
							Fish & Wildlife	Other habitat alteration	Agriculture			Its Source		
AL/03150110-140_01	Line Creek	Partial	R	M	Tallapoosa	Macon	Fish & Wildlife	Siltation	Surface mining	1996	10.0 miles	Tallapoosa River /	No	2002
								Other habitat alteration	Agriculture			Johnsons Creek		
AL/03150110-140_02	Line Creek	Partial	R	M	Tallapoosa	Macon	Fish & Wildlife	Siltation	Surface mining	1996	5.1 miles	Johnsons Creek /	No	2002
									Agriculture			Panther Creek		
AL/03150110-050_01	Moores Mill Creek	Non	R	L	Tallapoosa	Lee	Fish & Wildlife	Siltation	Land development	1998	10.1 miles	Chewacla Creek /	No	2002
							Swimming		Urban runoff/ Storm sewers			Its Source		

Notes:
OE/DO = organic enrichment/dissolved oxygen
Source: ADEM Website (<http://www.adem.state.al.us/WaterDivision/WQuality/303d/WQ303d.htm>)