

Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ATHENS - MIDDLE OCONEE RIVER

Potential Source Description	Release Potential						Risk Potential		
	Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake		
	(Comments)			(Comments)		(Comments)			
IMZ									
A-012	RCRIS	LOW						MEDIUM	
Chemitrol Corp 1015 Lavender Road Athens (Clarke County)	L	L	L	L			M	H	
		less than 1,000 gallons		no reported releases					
A-013	RCRIS	MEDIUM						MEDIUM	
Southeast Terminal (TransMontaigne) 3450 Jefferson Road Athens (Clarke County)	L	L	M	M			M	H	
		Large volume stored, but control measures (containment) on site		small and infrequent line leaks					
A-023	RCRIS	LOW						MEDIUM	
Hogan Lumber Co 325 Tallasse Rd Athens (Clarke County)	L	M	L	L			M	H	
		small quantity generator; less than 1,000 gallons		no reported releases					
A-038	RCRIS	MEDIUM						MEDIUM	
Chevron Usa Inc Athens Ga Terminal 3460 Jefferson Rd Athens (Clarke County)	L	L	M	M			M	H	
		large storage areas for gasoline (greater than 10,000 gallons), with containment measures		no reported releases, opportunity for one-time catastrophic event					
A-082	RCRIS	MEDIUM						MEDIUM	
Fairfield Customizing 108 Fairfield Circle Bogart (Clarke County)	H	M	L	L			M	H	
		less than 1,000 gallons		no reported releases					
A-104	RCRIS	LOW						MEDIUM	
Minit-Lube #1158 3745 Hwy 78 Bogart (Clarke County)	L	L	L	L			M	M	
		less than 1,000 gallons		no reported releases			automotive products, waste oil		

Note: Distance from Water - H (within 500 ft), L (further than 500 ft); Ease - H (hilly, overland flow very likely), M (moderate topography, overland flow likely), L (flat, overland flow not likely)
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		(Comments)		(Comments)		(Comments)		
A-112	RCRIS	LOW					MEDIUM	
The Pep Boys 3702 Athens Atlanta Hwy Athens (Clarke County)		L	L	L	M	M	H	
		less than 1,000 gallons		had two documented spills one of oil and the other hazardous material in 93 and 99				
A-130	RCRIS	LOW					MEDIUM	
Reliance Electric Co 145 Coile Dr Athens (Clarke County)		L	L	L	L	M	H	
		less than 1,000 gallons		no reported releases		chemicals on site		
A-140	RCRIS	LOW					MEDIUM	
Nixon Automotive Inc 104 Whitehead Rd Athens (Clarke County)		L	M	L	L	M	H	
		less than 1,000 gallons		no reported releases				
A-141	RCRIS	LOW					MEDIUM	
Murfin Division Athens Plant 235 Conway Dr Bogart (Clarke County)		L	M	L	L	M	H	
		small quantity generator		no reported releases		chemicals used in printing		
A-154	RCRIS	LOW					MEDIUM	
Barrett Dodge Chrysler Ply 4145 Atlanta Hwy Bogart (Clarke County)		L	M	L	L	M	H	
		less than 1,000 gallons		no reported releases				
C-017	IFD	MEDIUM					HIGH	
Athens Clarke Co D'Ble Gte STP Aubrey Drive Athens (Clarke County)		H	H	L	M	H	H	
		less than 1,000 gallons		chronic small events				

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D-009	Landfill	MEDIUM						MEDIUM	
Coggins-Trade Street N End Of Trade St Athens (Clarke County)		L	M	M	M	M	M	H	
				volume due to landfill run-off	on-going releases from run-off	closed landfill; no known groundwater contamination	closed; construction and demolition landfill		
K-087	NPDES	MEDIUM						MEDIUM	
Williams Brothers Inc 198 Tracey Street Athens (Clarke County)		L	M	M	M	M	L	H	
				between 1,000 and 10,000 gallons	NPDES permit, on-going permitted releases	one spill, but no permit violations	Sediment from process		
N-0132	CAFOS	LOW						MEDIUM	
Confined Animal Feeding Operation		L	L	L	L		M	H	
				volume due to stormwater run-off and cleaning	no reported releases		pathogens, but typically dry poultry litter or diluted by run-off		
N-0608	CAFOS	LOW						MEDIUM	
Confined Animal Feeding Operation		L	L	L	L		M	M	
				volume due to stormwater run-off and cleaning	no reported releases		pathogens, but typically dry poultry litter or diluted by run-off		
N-0609	CAFOS	LOW						MEDIUM	
Confined Animal Feeding Operation		L	M	L	L		M	M	
				volume due to stormwater run-off and cleaning	no reported releases		pathogens, but typically dry poultry litter or diluted by run-off		
N-0610	CAFOS	LOW						MEDIUM	
Confined Animal Feeding Operation		L	L	L	L		M	M	
				volume due to stormwater run-off and cleaning	no reported releases		pathogens, but typically dry poultry litter or diluted by run-off		

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		Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake
<i>Potential Source Description</i>				(Comments)	(Comments)	(Comments)	(Comments)	
N-0611	CAFOS	MEDIUM					MEDIUM	
Confined Animal Feeding Operation	H	M	L	L			M	M
			volume due to stormwater run-off and cleaning	no reported releases			pathogens, but typically dry poultry litter or diluted by run-off	
N-0612	CAFOS	LOW					MEDIUM	
Confined Animal Feeding Operation	L	L	L	L			M	M
			volume due to stormwater run-off and cleaning	no reported releases			pathogens, but typically dry poultry litter or diluted by run-off	
N-0800	CAFOS	LOW					MEDIUM	
Confined Animal Feeding Operation	L	L	L	L			M	M
			volume due to stormwater run-off and cleaning	no reported releases			pathogens, but typically dry poultry litter or diluted by run-off	
N-0801	CAFOS	LOW					MEDIUM	
Confined Animal Feeding Operation	L	L	L	L			M	M
			volume due to stormwater run-off and cleaning	no reported releases			pathogens, but typically dry poultry litter or diluted by run-off	
N-0802	CAFOS	LOW					MEDIUM	
Confined Animal Feeding Operation	L	M	L	L			M	M
			volume due to stormwater run-off and cleaning	no reported releases			pathogens, but typically dry poultry litter or diluted by run-off	
P-030	TRI	MEDIUM					MEDIUM	
Conagra Hatchery/ Feed Mill 130 Mill Drive Athens (Clarke County)	L	L	M	M			M	H
			have secondary containment on large quantity of chemicals but also have USTs	chronic small events associated with the feed mill			chemicals and petroleum on site	

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	(Comments)			(Comments)		(Comments)	(Comments)	
S-003 Powerplant	MEDIUM						LOW	
Oglethorpe Power-Tallasee facility off Tallasee road Athens (Clarke County)	H	H	L	L			L	M
	less than 1,000 gallons			no reported releases; have caused turbidity problems due to dredging			mostly sediments dredged from the bottom of the channel (may have high heavy metals)	
ZZ-001 Pipeline crossing	MEDIUM						MEDIUM	
Atlanta Gas Light	H	H	L	L		L	L	H
				little likelihood of a release from pipeline		Less than 5 stream crossings	natural gas pipeline; volatile	
ZZ-007 Pipeline crossing	MEDIUM						MEDIUM	
Colonial Pipeline	H	H	L	L		H	L	H
				little likelihood of a release from pipeline		10 or more stream crossings	natural gas pipeline; volatile	
ZZ-014 Pipeline crossing	MEDIUM						MEDIUM	
Plantation Pipeline	H	H	L	L		H	L	H
				little likelihood of a release from pipeline		10 or more stream crossings	natural gas pipeline; volatile	
ZZ-024 Pipeline crossing	MEDIUM						MEDIUM	
Transcontinental Gas	H	H	L	L		L	L	H
				little likelihood of a release from pipeline		Less than 5 stream crossings	natural gas pipeline; volatile	
ZZ-025 Pipeline crossing	MEDIUM						MEDIUM	
Transcontinental Gas	H	H	L	L		M	L	H
				little likelihood of a release from pipeline		Between 5 and 9 stream crossings	natural gas pipeline; volatile	

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	(Comments)			(Comments)		(Comments)		
ZZ-033 Railroad Crossing	HIGH						MEDIUM	
CSX	H	H	H	M	M	M	H	
				could have a one-time catastrophic event	between 5 and 9 stream crossings	chronic, chemicals from transporter cars		
ZZ-049 Road Crossing	MEDIUM						MEDIUM	
ATHENS LOOP HWY	H	H	M	M	L	M	H	
				could have a one-time catastrophic event	Less than 5 stream crossings	chronic, chemicals from tanker trucks		
ZZ-072 Road Crossing	MEDIUM						MEDIUM	
GA Hwy 330	H	H	M	M	L	M	H	
				could have a one-time catastrophic event	Less than 5 stream crossings	chronic, chemicals from tanker trucks		
ZZ-107 Road Crossing	MEDIUM						MEDIUM	
Secondary road	H	H	M	M	M	M	H	
				could have a one-time catastrophic event	between 50 and 100 stream crossings	chronic, chemicals from tanker trucks		
OMZ								
A-062 RCRIS	LOW						MEDIUM	
Ga Army National Guard - Winder AASF 1 Ronald Wood Road Winder (Barrow County)	L	L	L	M	L	M	L	
	More than 2,500 gallons of petroleum on site, but secondary containment and Stormwater Protection Plan are in place			NPDES Industrial Stormwater releases, one spill in October 2000	no known compliance problems	Large variety of chemicals stored on site; oil/water separators in place		
A-072 RCRIS	LOW						LOW	
Voyles Waste Oil 152 Mountain Creek Rd Pendergrass (Jackson County)	L	L	L	L		L	L	
	less than 1,000 gallons			no reported releases		only transport waste no chemicals on-site		

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A-093	RCRIS	LOW					MEDIUM	
Joe Sikes Oil Service 3551 Athens Hwy Jefferson (Jackson County)		L	L	L	M		M	L
				Conditionally exempt SQG, but have had past spills	chronic small events		used and unused oil	
A-148	RCRIS	MEDIUM					MEDIUM	
Watson Waste Oil Off St Hwy 332 Pendergrass (Jackson County)		H	H	L	L		M	L
				high probability just a transporter	no reported releases			
B-007	HSI	MEDIUM					MEDIUM	
Griffith Oil Company Poplar Springs Road Jefferson (Jackson County)		L	L	M	M	L	M	L
				No longer in business; soil and groundwater are contaminated; source has been removed	still have ground water contamination	Site fully remediated		
C-027	IFD	MEDIUM					MEDIUM	
Winder Cedar Cr WPCP 101 N Broad Street Winder (Barrow County)		L	L	M	M	L	M	L
				between 1,000 and 10,000 gallons	chronic small events	no known compliance problems		
D-007	Landfill	MEDIUM					MEDIUM	
Barrow Co-Finch Rd Ph 2&3 Ws Finch Rd 5 Mi Ne Of Winder (Barrow County)		L	L	M	M	M	M	L
				volume due to landfill run-off	on-going releases from run-off	closed landfill; no known groundwater contamination	closed; sanitary landfill	
D-019	Landfill	MEDIUM					MEDIUM	
Barrow County Off Jones Rd. (Barrow County)		L	M	M	M	M	M	L
				volume due to landfill run-off	on-going releases from run-off	closed landfill; no known groundwater contamination	closed; sanitary landfill	

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D-020	Landfill	MEDIUM					MEDIUM	
City Of Winder-Closed (Barrow County)		H	M	L	L	M	M	L
				closed landfill, volume due to stormwater run-off	no reported releases	closed landfill; no known groundwater contamination	closed; sanitary landfill	
D-021	Landfill	MEDIUM					LOW	
North 11 Inert (Barrow County)		L	L	M	M	M	L	L
				volume due to stormwater run-off	on-going releases from run-off	inert landfill, no known groundwater contamination	open; sanitary (MSW) landfill	
D-022	Landfill	MEDIUM					MEDIUM	
City Of Winder - Closed (Barrow County)		H	H	L	L	M	M	L
				closed landfill, volume due to stormwater run-off	no reported releases	closed landfill; no known groundwater contamination	closed; sanitary landfill	
D-023	Landfill	MEDIUM					MEDIUM	
City Of Winder - Closed (Barrow County)		H	M	L	L	M	M	L
				closed landfill, volume due to stormwater run-off	no reported releases	closed landfill; no known groundwater contamination	closed; sanitary landfill	
D-024	Landfill	MEDIUM					MEDIUM	
City Of Winder - Closed (Barrow County)		H	H	L	L	M	M	L
				closed landfill, volume due to stormwater run-off	no reported releases	closed landfill; no known groundwater contamination	closed; sanitary landfill	
D-025	Landfill	MEDIUM					MEDIUM	
City Of Winder - Closed (Barrow County)		H	M	L	L	M	M	L
				closed landfill, volume due to stormwater run-off	no reported releases	closed landfill; no known groundwater contamination	closed; sanitary landfill	

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D-030	Landfill	MEDIUM						MEDIUM	
John Manville Landfill		H	M	M	M	M	M	L	
		volume due to landfill run-off		on-going releases from run-off		closed landfill; no known groundwater contamination		closed; industrial landfill	
D-031	Landfill	MEDIUM						MEDIUM	
John Manville Landfill		L	M	M	M	M	M	L	
		volume due to landfill run-off		on-going releases from run-off		closed landfill; no known groundwater contamination		closed; industrial landfill	
D-032	Landfill	MEDIUM						LOW	
Inert Landfill-Tommy Ledbetter		L	M	M	M	M	L	L	
		volume due to stormwater run-off		on-going releases from run-off		inert landfill, no known groundwater contamination		open; sanitary (MSW) landfill	
F-029	Pump Station	MEDIUM						MEDIUM	
Cedar Creek 431 N Mile Patrick Rd. Winder (Barrow County)		L	M	H	L		H	L	
		capacity is 2500 gpm or 3.6 MGD		no reported releases				acute/pathogens	
F-030	Pump Station	LOW						MEDIUM	
Clay Howard 297 N Broad St. Winder (Barrow County)		L	L	H	L		H	L	
		capacity is 500 gpm or 0.72 mgd		no reported releases				acute/pathogens	
F-031	Pump Station	HIGH						MEDIUM	
Dreamland 248 Dreamland Circle Winder (Barrow County)		H	H	H	L		H	L	
		capacity is 200 gpm or 0.29 mgd		no reported releases				acute/pathogens	

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F-032	Pump Station	MEDIUM						MEDIUM	
Glenwood 290 Capital Ave. Winder (Barrow County)		L	M	H	L			H	L
				capacity is 150 gpm or 0.22 mgd	no reported releases			acute/pathogens	
F-033	Pump Station	MEDIUM						MEDIUM	
Lake Drive 89 Lake Drive Winder (Barrow County)		L	M	M	L			H	L
				capacity is 60 gpm or 86,400 gpd	no reported releases			acute/pathogens	
F-038	Pump Station	LOW						MEDIUM	
West End Winder Highway Jefferson (Jackson County)		L	H	L	L			H	L
				small pumping capacity; alarms, with plans for an automated monitoring system	no reported releases			acute/pathogens	
F-039	Pump Station	MEDIUM						MEDIUM	
MLK 1 Martin Luther King Dr. Jefferson (Jackson County)		H	L	M	L			H	L
				capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system	no reported releases			acute/pathogens	
F-040	Pump Station	MEDIUM						MEDIUM	
MLK 2 Martin Luther King Dr. Jefferson (Jackson County)		H	M	M	L			H	L
				capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system	no reported releases			acute/pathogens	
F-041	Pump Station	MEDIUM						MEDIUM	
MLK 3 Martin Luther King Dr. Jefferson (Jackson County)		H	M	M	L			H	L
				capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system	no reported releases			acute/pathogens	

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F-045	Pump Station	MEDIUM					MEDIUM	
Holder's Mill Holders Siding Rd. Jefferson (Jackson County)		H	M	M	L		H	L
		capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system			no reported releases		acute/pathogens	
F-047	Pump Station	MEDIUM					MEDIUM	
I-85 Spray Field Jefferson (Jackson County)		L	H	M	L		H	L
		capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system			no reported releases		acute/pathogens	
F-048	Pump Station	MEDIUM					MEDIUM	
Hardee's Hwy 129 And I-85 Jefferson (Jackson County)		L	M	H	L		H	L
		capacity is greater than 390 gpm or 0.56 mgd; alarms, with plans for an automated monitoring system			no reported releases		acute/pathogens	
F-049	Pump Station	MEDIUM					MEDIUM	
McDonald's Hwy 129 And I-85 Jefferson (Jackson County)		L	M	H	L		H	L
		capacity is greater than 390 gpm or 0.56 mgd; alarms, with plans for an automated monitoring system			no reported releases		acute/pathogens	
F-050	Pump Station	MEDIUM					MEDIUM	
John Brooks Rd John B Brooks Rd. Jefferson (Jackson County)		H	M	M	L		H	L
		capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system			no reported releases		acute/pathogens	

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I-002	RCRIS	LOW					MEDIUM		
Seydel Co. 244 John B. Brooks Rd Pendergrass (Jackson County)		L	L	M	L		H	L	
		large chemical company		no reported releases		industrial in-organic chemicals, surfactants, etc.			
K-001	NPDES	MEDIUM					MEDIUM		
Jackson County Water Authority Hwy 11 Jefferson (Jackson County)		H	M	H	M	L	H	L	
		greater than 10,000 gallons		NPDES permit, on-going permitted releases		no known compliance problems		acute/pathogens	
K-062	NPDES	MEDIUM					MEDIUM		
Hoschton Pond Hwy 332 Hoschton (Jackson County)		H	H	M	M	L	H	L	
		small oxidation pond		NPDES permit, on-going permitted releases		no known compliance problems		acute/pathogens	
K-064	Mine/NPDES	LOW					LOW		
Florida Rock Industries/Martin Marietta New Salem Church Road Jefferson (Jackson County)		L	L	M	M	L	L	L	
		pond for medium-sized granite quarry		NPDES permit, on-going permitted releases		minor permit violations		Sediment from process	
L-002	AGPOND	MEDIUM					MEDIUM		
Ag Waste Lagoon		L	M	H	L		H	L	
		greater than 10,000 gallons		no reported releases		concentrated pathogens			
L-083	AGPOND	LOW					MEDIUM		
Ag Waste Lagoon		L	L	H	L		H	L	
		greater than 10,000 gallons		no reported releases		concentrated pathogens			

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L-084	AGPOND	LOW					MEDIUM	
Ag Waste Lagoon		L	L	H	L		H	L
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
L-109	AGPOND	HIGH					MEDIUM	
Ag Waste Lagoon		H	H	H	L		H	L
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
O-011	LAS	MEDIUM					MEDIUM	
Cedar Creek LAS 431 Miles Patrick Road		L	M	M	M	L	M	L
		between 1,000 and 10,000 gallons		chronic small events	no known compliance problems		LAS system; treated prior to application	
R-031	Mine	MEDIUM					LOW	
Mining Operation Jefferson (Jackson County)		L	M	L	M		L	L
		stormwater run-off from site		no reported releases, stormwater run-off		primarily sediment from run-off		
U-003	CERCLIS	MEDIUM					MEDIUM	
Winder-Barrow Speedway 330 Donahoo Rd Winder (Barrow County)		L	H	L	M	H	H	L
		less than 1,000 gallons; clean-up on-going		ground water contaminated; source and most of contaminated soil was removed	groundwater contamination		toxic chemicals	
V-009	RCRIS/TRI/LQG	MEDIUM					MEDIUM	
Rhodia Incorporated 577 Bankhead Hwy Winder (Barrow County)		L	M	M	M	H	H	L
		large quantity generator		frequent releases	many unpermitted releases		many toxic chemicals	

Note: Distance from Water - H (within 500 ft), L (further than 500 ft); Ease - H (hilly, overland flow very likely), M (moderate topography, overland flow likely), L (flat, overland flow not likely)
Distance from Intake - H (within 7 miles upstream), M (between 7 and 15 miles), L (greater than 15 miles)

Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ATHENS - MIDDLE OCONEE RIVER

<i>Potential Source Description</i>	Release Potential						Risk Potential	
	Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake	
	(Comments)			(Comments)		(Comments)		
V-018 RCRIS	LOW						MEDIUM	
Ga Power Co Winder Operating Hqtrs Cedar Creek Rd Winder (Barrow County)	L	L	M	L		M	L	
	greater than 10,000 gallons, but have containment			no reported releases		fuel oil, gasoline storage on-site		
V-027 RCRIS	LOW						MEDIUM	
Foam Fabricators Incorporated 82 Galilee Church Rd Jefferson (Jackson County)	L	L	M	L		M	L	
	REPORTED AS A LARGER FACILITY			no reported releases		miscellaneous chemicals		
V-029 RCRIS	LOW						LOW	
Henry & Peppers Ga Hwy 129 Jefferson (Jackson County)	L	L	L	L		L	L	
	Transporters			no reported releases		mainly a transporter, no on-site storage		
V-030 TRI	LOW						MEDIUM	
IMC 265 John B Brooks Rd Pendergrass (Jackson County)	L	M	L	L		M	L	
	small quantity generator			no reported releases		miscellaneous chemicals		
V-031 RCRIS	MEDIUM						LOW	
Lance Waste Oil Rt. 1 Pendergrass (Jackson County)	H	M	L	L		L	L	
	don't have very much information but according to sources in Jefferson small operation			no reported releases		mainly a transporter, no on-site storage		
V-032 RCRIS	LOW						LOW	
Mission Foods Jefferson 225 John B. Brooks Rd. Pendergrass (Jackson County)	L	M	L	L		L	L	
	not many chemicals mostly water discharges to the sewer			no reported releases		some chemicals on-site but largest problem may be with food oils and grease		

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Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ATHENS - MIDDLE OCONEE RIVER

<i>Potential Source Description</i>	Release Potential						Risk Potential		
	Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake		
	(Comments)			(Comments)		(Comments)			
V-033	RCRIS	MEDIUM						MEDIUM	
Caterpillar Incorporated 420 John Brooks Rd Pendergrass (Jackson County)	L	M	M	L			M	L	
		between 1,000 and 10,000 gallons		no reported releases			cutting oils and metal shavings (hauled off-site)		
ZZ-002	Pipeline crossing	MEDIUM						LOW	
Atlanta Gas Light	H	H	L	L	H		L	M	
				little likelihood of a release from pipeline	10 or more stream crossings		natural gas pipeline; volatile		
ZZ-006	Pipeline crossing	MEDIUM						LOW	
Colonial Pipeline	H	H	L	L	H		L	M	
				little likelihood of a release from pipeline	10 or more stream crossings		natural gas pipeline; volatile		
ZZ-015	Pipeline crossing	MEDIUM						LOW	
Plantation Pipeline	H	H	L	L	H		L	M	
				little likelihood of a release from pipeline	10 or more stream crossings		natural gas pipeline; volatile		
ZZ-029	Pipeline crossing	MEDIUM						LOW	
United Cities Gas	H	H	L	L	H		L	M	
				little likelihood of a release from pipeline	10 or more stream crossings		natural gas pipeline; volatile		
ZZ-034	Railroad Crossing	HIGH						MEDIUM	
CSX	H	H	H	M	M		M	M	
				could have a one-time catastrophic event	between 5 and 9 stream crossings		chronic, chemicals from transporter cars		

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Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ATHENS - MIDDLE OCONEE RIVER

		Release Potential					Risk Potential	
		Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake
<i>Potential Source Description</i>		(Comments)					(Comments)	
ZZ-051	Road Crossing	MEDIUM					MEDIUM	
GA Hwy 11		H	H	M	M	M	M	M
					could have a one-time catastrophic event	Between 5 and 9 stream crossings	chronic, chemicals from tanker trucks	
ZZ-063	Road Crossing	MEDIUM					MEDIUM	
GA Hwy 211		H	H	M	M	M	M	M
					could have a one-time catastrophic event	Between 5 and 9 stream crossings	chronic, chemicals from tanker trucks	
ZZ-073	Road Crossing	MEDIUM					MEDIUM	
GA Hwy 332		H	H	M	M	L	M	M
					could have a one-time catastrophic event	Less than 5 stream crossings	chronic, chemicals from tanker trucks	
ZZ-081	Road Crossing	MEDIUM					MEDIUM	
GA Hwy 53		H	H	M	M	L	M	M
					could have a one-time catastrophic event	Less than 5 stream crossings	chronic, chemicals from tanker trucks	
ZZ-089	Road Crossing	MEDIUM					MEDIUM	
GA Hwy 8		H	H	M	M	L	M	M
					could have a one-time catastrophic event	Less than 5 stream crossings	chronic, chemicals from tanker trucks	
ZZ-094	Road Crossing	HIGH					MEDIUM	
GA Hwy 82		H	H	M	M	H	M	M
					could have a one-time catastrophic event	10 or more stream crossings	chronic, chemicals from tanker trucks	

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Distance from Intake - H (within 7 miles upstream), M (between 7 and 15 miles), L (greater than 15 miles)

Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ATHENS - MIDDLE OCONEE RIVER

		Release Potential					Risk Potential	
		Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake
<i>Potential Source Description</i>		(Comments)		(Comments)		(Comments)		
ZZ-102	Road Crossing	HIGH					MEDIUM	
I-85		H	H	M	M	H	M	M
					could have a one-time catastrophic event	10 or more stream crossings	chronic, chemicals from tanker trucks	
ZZ-108	Road Crossing	HIGH					MEDIUM	
Secondary road		H	H	M	M	H	M	M
					could have a one-time catastrophic event	more than 100 stream crossings	chronic, chemicals from tanker trucks	
ZZ-136	Road Crossing	MEDIUM					MEDIUM	
US HWY 129		H	H	M	M	L	M	M
					could have a one-time catastrophic event	Less than 5 stream crossings	chronic, chemicals from tanker trucks	
NMZ								
D-011	Landfill	MEDIUM					MEDIUM	
Hall Co-Allen Creek Ph A Oak Grove Church Rd Gainesville (Hall County)		L	L	M	M	H	M	L
				landfill in the process of closing, still not capped	on-going releases from run-off	process of closing, groundwater contamination	open (process of closing); sanitary (MSW) landfill	
D-012	Landfill	MEDIUM					MEDIUM	
Reliable Tire Service, Monroe Ws Monroe Dr S Of 129 Gainesville (Hall County)		H	H	M	M	M	M	L
				volume due to stormwater run-off	on-going releases from run-off	open landfill, in compliance	open; construction and demolition landfill	
D-013	Landfill	MEDIUM					LOW	
Hall Co-Candler Rd (SR 60) 2.5 Mi S Of Gainesville Gainesville (Hall County)		L	M	M	M	M	L	L
				volume due to stormwater run-off	on-going releases from run-off	open landfill, in compliance	open; sanitary (MSW) landfill	

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Distance from Intake - H (within 7 miles upstream), M (between 7 and 15 miles), L (greater than 15 miles)

Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ATHENS - MIDDLE OCONEE RIVER

		Release Potential					Risk Potential	
		Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake
<i>Potential Source Description</i>				(Comments)	(Comments)	(Comments)	(Comments)	
K-059	NPDES	HIGH					MEDIUM	
Trailwood Acres MHP 3540 Gilleland Extension Gainesville (Hall County)		H	H	M	M		H	L
				Small package plant for waste disposal	NPDES permit, on-going permitted releases	no data on compliance	acute/pathogens	
K-063	Mine/NPDES	MEDIUM					MEDIUM	
Martin Marietta Aggregates 301 Parks Mill Road Auburn (Barrow County)		H	H	M	M	L	M	L
				Store large quantities of petroleum (15,500 gallons); Have stormwater protection plan and secondary containment	NPDES permit, on-going permitted releases	no known compliance problems	Sediment from settling ponds; petroleum stored on-site	
K-092	NPDES	MEDIUM					LOW	
Blue Circle Aggregates		L	M	M	M	L	L	L
Buford (Hall County)				contaminants are diluted but open pits	NPDES permit, on-going permitted releases	Some problems in the past but redesigned no problems since	Sediment from process	
K-095	NPDES	MEDIUM					MEDIUM	
Dean Myers Elementary School 2676 Candler Road (Hall County)		L	L	M	M	H	H	L
				between 1,000 and 10,000 gallons	NPDES permit, on-going permitted releases	chronic violations for fecal and BOD	acute/pathogens	
K-097	NPDES	HIGH					MEDIUM	
Hall County Correctional Institution 1685 Barber Road Hartwell (Hart County)		H	H	M	M	M	H	L
				between 1,000 and 10,000 gallons	NPDES permit, on-going permitted releases	periodic permit violations	acute/pathogens	
O-002	LAS	MEDIUM					MEDIUM	
Wayne Farms LLC 977 Wayne Poultry Rd Pendergrass (Jackson County)		H	H	M	M	L	M	L
				between 1,000 and 10,000 gallons	LAS permit, therefore on-going releases to land	no known compliance problems	LAS system; treated prior to application	

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Distance from Intake - H (within 7 miles upstream), M (between 7 and 15 miles), L (greater than 15 miles)

Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ATHENS - MIDDLE OCONEE RIVER

		Release Potential						Risk Potential	
		Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake	
<i>Potential Source Description</i>				(Comments)	(Comments)	(Comments)	(Comments)		
O-003	LAS	MEDIUM						MEDIUM	
City of Braselton John Pirkle Road Braselton (Jackson County)		H	H	M	M	L	M	L	
				between 1,000 and 10,000 gallons	LAS permit, therefore on-going releases to land	no known compliance problems	LAS system; treated prior to application		
O-004	LAS	LOW						MEDIUM	
Stepan Company Pierce Rd And Old Bankhead Hwy Winder (Barrow County)		L	L	L	M	L	M	L	
				LAS for waste generated on site	LAS permit, therefore on-going releases to land	no known compliance problems	LAS system; treated prior to application		
O-006	LAS	MEDIUM						MEDIUM	
Crystal Farms		L	H	M	M	L	M	L	
				large facility with two spray fields and 4 large animal waste lagoons	LAS permit, therefore on-going releases to land	no known compliance problems	LAS system; treated prior to application		
O-007	LAS	MEDIUM						MEDIUM	
Crystal Farms		L	M	M	M	L	M	L	
				large facility with two spray fields and 4 large animal waste lagoons	LAS permit, therefore on-going releases to land	no known compliance problems	LAS system; treated prior to application		
R-021	NPDES/Mine	MEDIUM						LOW	
Hanson Aggregates (Hall County)		L	M	M	M	L	L	L	
				between 1,000 and 10,000 gallons	NPDES permit, on-going permitted releases	no known compliance problems	primarily sediment from run-off		

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Distance from Intake - H (within 7 miles upstream), M (between 7 and 15 miles), L (greater than 15 miles)