

Northeast Georgia Source Water Assessment Susceptibility Analysis

UPPER OCONEE W.A. - 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-093	RCRIS	LOW						MEDIUM	
Joe Sikes Oil Service 3551 Athens Hwy Jefferson (Jackson County)	L	L	L	M			M	M	
		Conditionally exempt SQG, but have had past spills		chronic small events			used and unused oil		
B-007	HSI	MEDIUM						MEDIUM	
Griffith Oil Company Poplar Springs Road Jefferson (Jackson County)	L	L	M	M	L		M	M	
		No longer in business; soil and groundwater are contaminated; source has been removed		still have ground water contamination	Site fully remediated				
D-019	Landfill	MEDIUM						MEDIUM	
Barrow County Off Jones Rd. (Barrow County)	L	M	M	M	M	M	M	M	
			volume due to landfill run-off	on-going releases from run-off	closed landfill; no known groundwater contamination		closed; sanitary landfill		
D-032	Landfill	MEDIUM						LOW	
Inert Landfill-Tommy Ledbetter	L	M	M	M	M	M	L	M	
			volume due to stormwater run-off	on-going releases from run-off	inert landfill, no known groundwater contamination		open; sanitary (MSW) landfill		
N-0600	CAFOS	MEDIUM						MEDIUM	
Confined Animal Feeding Operation	H	H	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-0601	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		

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)

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	(Comments)			(Comments)		(Comments)		(Comments)	
N-0602 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-0603 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-0604 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-0605 CAFOS	MEDIUM						MEDIUM		
Confined Animal Feeding Operation	H	M	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-0606 CAFOS	LOW						MEDIUM		
Confined Animal Feeding Operation	L	M	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-0607 CAFOS	LOW						MEDIUM		
Confined Animal Feeding Operation	L	M	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	

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	(Comments)			(Comments)		(Comments)	(Comments)	
N-0608 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-0609 CAFOS	LOW						MEDIUM	
Confined Animal Feeding Operation	L	M	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-0610 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-0611 CAFOS	MEDIUM						MEDIUM	
Confined Animal Feeding Operation	H	M	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-0612 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-0613 CAFOS	LOW						MEDIUM	
Confined Animal Feeding Operation	L	M	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	

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	Distance from Water	Ease of Travel	Volume of Release	Duration of Release		Supplemental Guidance	Toxicity	Distance from Intake
	(Comments)			(Comments)		(Comments)	(Comments)	
N-0617 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-0618 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-0619 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-0620 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-0621 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-0622 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
	(Comments)			(Comments)		(Comments)	(Comments)	
N-0623 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-0624 CAFOS	MEDIUM						MEDIUM	
Confined Animal Feeding Operation	H	H	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-0625 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-0804 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-0808 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-0809 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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	(Comments)			(Comments)		(Comments)		
ZZ-004	Pipeline crossing			MEDIUM		MEDIUM		
Atlanta Gas Light	H	H	L	L	M	L	H	
				little likelihood of a release from pipeline	Between 5 and 9 stream crossings	natural gas pipeline; volatile		
ZZ-023	Pipeline crossing			MEDIUM		MEDIUM		
Plantation Pipeline	H	H	L	L	L	L	H	
				little likelihood of a release from pipeline	Less than 5 stream crossings	natural gas pipeline; volatile		
ZZ-031	Pipeline crossing			MEDIUM		MEDIUM		
United Cities 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		
ZZ-068	Road Crossing			MEDIUM		MEDIUM		
GA Hwy 211	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-097	Road Crossing			MEDIUM		MEDIUM		
GA Hwy 82	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-134	Road Crossing			MEDIUM		MEDIUM		
Secondary road	H	H	M	M	L	M	H	
				could have a one-time catastrophic event	less than 50 stream crossings	chronic, chemicals from tanker trucks		

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	(Comments)			(Comments)		(Comments)			
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			
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					
A-155	RCRIS	LOW						MEDIUM	
Industrial Moulding Corp 265 John B. Brooks Road - Walnut Fork Pendergrass (Jackson County)	L	M	L	L		M	L		
		small quantity generator		no reported releases		small quantity generator			
C-005	IFD	MEDIUM						MEDIUM	
Wayne Poultry Pendergrass Pendergrass (Jackson County)	H	M	M	M		M	L		
		fairly large poultry operation		some documented spills of diesel, oil, and ammonia on-site					
C-009	IFD	MEDIUM						MEDIUM	
Gold Kist Pork Dept Talmo Ga Hwy 332	H	H	L	M		H	L		
		less than 1,000 gallons		IFD regular discharge					

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Potential Source Description		(Comments)			(Comments)		(Comments)	
C-010	IFD	MEDIUM					MEDIUM	
Gold Kist Talmo P O Box 128 (Jackson County)		H	H	L	M		H	L
		if high would be a NPDES			IFD regular discharge			
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	M
		volume due to landfill run-off			on-going releases from run-off	closed landfill; no known groundwater contamination		closed; sanitary landfill
D-020	Landfill	MEDIUM					MEDIUM	
City Of Winder-Closed (Barrow County)		H	M	L	L	M	M	M
		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

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		Distance from Water	Ease of Travel	Volume of Release	Duration of Release	Supplemental Guidance	Toxicity	Distance from Intake
Potential Source Description		(Comments)			(Comments)		(Comments)	
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	
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	
F-021	Pump Station	LOW					MEDIUM	
Braselton Pump Station S.R. 211 In Barrow Co. Braselton (Barrow County)		L	M	L	L		H	L
		capacity is 13.8 gpm or 20,000 gpd; have alarms, may install an automated monitoring system			no reported releases		acute/pathogens	

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	(Comments)			(Comments)		(Comments)		
F-022	Pump Station			MEDIUM			MEDIUM	
Braselton Pump Station (Chateau Elan) Golf Club Dr. In Barrow Co. Braselton (Barrow County)	H	H	L	L	no reported releases	H	L	acute/pathogens
			capacity is 1.1 GPM or 1600 gpd; have alarms, may install an automated monitoring system					
F-023	Pump Station			MEDIUM			MEDIUM	
Braselton Pump Station (Chateau Elan) Golf Club Dr. In Gwinnett Co. Braselton (Gwinnett County)	H	M	L	L	no reported releases	H	L	acute/pathogens
			capacity is 0.7 gpm or 1000 gpd; have alarms, may install an automated monitoring system					
F-025	Pump Station			MEDIUM			MEDIUM	
Braselton Pump Station (Ind. Park) S.R. 124 In Barrow Co. Braselton (Barrow County)	H	L	L	M	had one spill but it was in the line upstream, not at the station	H	L	acute/pathogens
			capacity is 5.2 gpm or 7,500 gpd; have alarms, may install an automated monitoring system					
F-026	Pump Station			MEDIUM			MEDIUM	
Braselton Pump Station S.R. 124 In Jackson Co. Braselton (Jackson County)	H	H	L	M	2 spills in 1997 but have made facility improvements since then	H	L	acute/pathogens
			capacity is 24.3 gpm or 35,000 gpd; have alarms, may install an automated monitoring system					
F-027	Pump Station			MEDIUM			MEDIUM	
Braselton Pump Station Vinyards Subdivision In Jackson Co. Braselton (Jackson County)	H	M	L	L	no reported releases	H	L	acute/pathogens
			average capacity is 13.9 gpm or 20,000 gpd; have alarms, may install an automated monitoring system					
F-029	Pump Station			MEDIUM			MEDIUM	
Cedar Creek 431 N Mile Patrick Rd. Winder (Barrow County)	L	M	H	L	no reported releases	H	L	acute/pathogens
			capacity is 2500 gpm or 3.6 MGD					

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Potential Source Description		(Comments)			(Comments)		(Comments)	
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	
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					HIGH	
West End Winder Highway Jefferson (Jackson County)		L	H	L	L		H	M
		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	

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F-040	Pump Station	MEDIUM					MEDIUM	
MLK 2 Martin Luther King Dr. Jefferson (Jackson County)		H	M	M	L	no reported releases		acute/pathogens
		capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system						
F-041	Pump Station	MEDIUM					MEDIUM	
MLK 3 Martin Luther King Dr. Jefferson (Jackson County)		H	M	M	L	no reported releases		acute/pathogens
		capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system						
F-045	Pump Station	MEDIUM					MEDIUM	
Holder's Mill Holders Siding Rd. Jefferson (Jackson County)		H	M	M	L	no reported releases		acute/pathogens
		capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system						
F-047	Pump Station	MEDIUM					MEDIUM	
I-85 Spray Field Jefferson (Jackson County)		L	H	M	L	no reported releases		acute/pathogens
		capacity is 390 gpm or 0.5 mgd; alarms, with plans for an automated monitoring system						
F-048	Pump Station	MEDIUM					MEDIUM	
Hardee's Hwy 129 And I-85 Jefferson (Jackson County)		L	M	H	L	no reported releases		acute/pathogens
		capacity is greater than 390 gpm or 0.56 mgd; alarms, with plans for an automated monitoring system						

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Potential Source Description		(Comments)			(Comments)		(Comments)	
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	
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					HIGH	
Jackson County Water Authority Hwy 11 Jefferson (Jackson County)		H	M	H	M	L	H	M
		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-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	

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

UPPER OCONEE W.A. - 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	
Potential Source Description		(Comments)		(Comments)		(Comments)		(Comments)	
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	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-005	AGPOND	LOW					MEDIUM		
Ag Waste Lagoon		L	L	H	L		H	L	
		greater than 10,000 gallons		no reported releases		concentrated pathogens			
L-006	AGPOND	MEDIUM					MEDIUM		
Ag Waste Lagoon		H	M	H	L		M	L	
		greater than 10,000 gallons		no reported releases		not an active pond; concentrated pathogens			
L-027	AGPOND	MEDIUM					MEDIUM		
Ag Waste Lagoon		L	M	H	L		H	L	
		greater than 10,000 gallons		no reported releases		concentrated pathogens			
L-028	AGPOND	MEDIUM					MEDIUM		
Ag Waste Lagoon		H	M	H	L		H	L	
		greater than 10,000 gallons		no reported releases		concentrated pathogens			

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

UPPER OCONEE W.A. - 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
Potential Source Description		(Comments)			(Comments)		(Comments)	
L-083	AGPOND	LOW					HIGH	
Ag Waste Lagoon		L	L	H	L		H	M
		greater than 10,000 gallons			no reported releases		concentrated pathogens	
L-084	AGPOND	LOW					HIGH	
Ag Waste Lagoon		L	L	H	L		H	M
		greater than 10,000 gallons			no reported releases		concentrated pathogens	
L-096	AGPOND	MEDIUM					MEDIUM	
Ag Waste Lagoon		H	M	H	L		H	L
		greater than 10,000 gallons			no reported releases		concentrated pathogens	
L-097	AGPOND	LOW					MEDIUM	
Ag Waste Lagoon		L	L	H	L		H	L
		greater than 10,000 gallons			no reported releases		concentrated pathogens	
L-098	AGPOND	MEDIUM					MEDIUM	
Ag Waste Lagoon		L	M	H	L		H	L
		greater than 10,000 gallons			no reported releases		concentrated pathogens	
L-099	AGPOND	MEDIUM					MEDIUM	
Ag Waste Lagoon		L	M	H	L		H	L
		greater than 10,000 gallons			no reported releases		concentrated pathogens	

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

UPPER OCONEE W.A. - 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
Potential Source Description		(Comments)			(Comments)		(Comments)	
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-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	
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-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	
P-017	TRI/RCRA	MEDIUM					MEDIUM	
Stepan Co. 951 Bankhead Hwy. Winder (Barrow County)		L	L	M	M		H	L
		small quantity generator, but has numerous chemicals stored onsite			small spill event		miscellaneous chemicals (sulfuric acid, surfactants)	

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

UPPER OCONEE W.A. - 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
Potential Source Description		(Comments)			(Comments)		(Comments)	
P-040	TRI	MEDIUM					MEDIUM	
Conagra Poultry Co. 1184 Main St. Talmo (Jackson County)		L	M	M	M		M	L
		between 1,000 and 10,000 gallons			chronic small events		chemicals and petroleum on site	
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	
T-006	IFD	MEDIUM					MEDIUM	
Braselton Pond Braselton (Jackson County)		H	H	M	L		H	L
		small pond; 1,000 to 10,000 gallons			no reported releases		acute/pathogens	
U-003	CERCLIS	MEDIUM					HIGH	
Winder-Barrow Speedway 330 Donahoo Rd Winder (Barrow County)		L	H	L	M	H	H	M
		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	
V-012	TRI	MEDIUM					MEDIUM	
Mayfield Dairy Farms Inc. 1160 Broadway Ave Braselton (Jackson County)		H	H	L	L		M	L
		less than 1,000 gallons; on-site control measures			no reported releases		miscellaneous chemicals (sulfuric acid; nitric acid) and metals (lead)	

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

UPPER OCONEE W.A. - 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)		
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	M	
		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		

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

UPPER OCONEE W.A. - 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)			
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-005	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-032	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-041	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		
ZZ-053	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-055	Road Crossing	MEDIUM						MEDIUM	
GA Hwy 124	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		

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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

UPPER OCONEE W.A. - 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)	
ZZ-069	Road Crossing	HIGH						MEDIUM	
GA Hwy 211		H	H	M	M	H	M	M	M
					could have a one-time catastrophic event	10 or more stream crossings		chronic, chemicals from tanker trucks	
ZZ-074	Road Crossing	MEDIUM						MEDIUM	
GA Hwy 332		H	H	M	M	M	M	M	M
					could have a one-time catastrophic event	Between 5 and 9 stream crossings		chronic, chemicals from tanker trucks	
ZZ-080	Road Crossing	MEDIUM						MEDIUM	
GA Hwy 346		H	H	M	M	M	M	M	M
					could have a one-time catastrophic event	Between 5 and 9 stream crossings		chronic, chemicals from tanker trucks	
ZZ-085	Road Crossing	MEDIUM						MEDIUM	
GA Hwy 53		H	H	M	M	L	M	M	M
					could have a one-time catastrophic event	Less than 5 stream crossings		chronic, chemicals from tanker trucks	
ZZ-092	Road Crossing	MEDIUM						MEDIUM	
GA Hwy 8		H	H	M	M	L	M	M	M
					could have a one-time catastrophic event	Less than 5 stream crossings		chronic, chemicals from tanker trucks	
ZZ-098	Road Crossing	MEDIUM						MEDIUM	
GA Hwy 82		H	H	M	M	M	M	M	M
					could have a one-time catastrophic event	Between 5 and 9 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

UPPER OCONEE W.A. - 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	
Potential Source Description		(Comments)		(Comments)		(Comments)		(Comments)	
ZZ-106	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-135	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-137	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	

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

UPPER OCONEE W.A. - 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
Potential Source Description		(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-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-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	

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

UPPER OCONEE W.A. - 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)	(Comments)	
R-021	NPDES/Mine	MEDIUM					LOW	
Hanson Aggregates		L	M	M	M	L	L	L
(Hall County)				between 1,000 and 10,000 gallons	NPDES permit, on-going permitted releases	no known compliance problems	primarily sediment from run-off	

*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)*