

Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ATHENS - SANDY CREEK

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)		
IMZ								
A-010	RCRIS	LOW					MEDIUM	
Floyd Bros Paint Body & Frame Rp Hwy 29 North Hull (Madison County)	L	L	L	L		M	M	
		small quantity generator		no reported releases		paints, solvents, chemicals		
A-095	RCRIS	LOW					MEDIUM	
Eagle Van Conv Marketing 2585 Commerce Rd Athens (Clarke County)	L	L	L	L		M	H	
		small generator of Haz Waste		no reported releases				
L-071	AGPOND	MEDIUM					HIGH	
Ag Waste Lagoon	L	M	H	L		H	H	
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
L-072	AGPOND	LOW					HIGH	
Ag Waste Lagoon	L	L	H	L		H	H	
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
N-0565	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-0566	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		

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-0567	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-0568	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-0569	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-0570	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-0657	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-0659	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)		
N-0660	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-0661	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-0662	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-0672	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-0673	CAFOS		MEDIUM			MEDIUM		
Confined Animal Feeding Operation	H	H	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-0678	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		

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	(Comments)			(Comments)		(Comments)		
N-0679 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		
ZZ-009 Pipeline crossing	MEDIUM						MEDIUM	
Colonial Pipeline	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-017 Pipeline crossing	MEDIUM						MEDIUM	
Plantation Pipeline	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-027 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-077 Road Crossing	MEDIUM						MEDIUM	
GA Hwy 334	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-111 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)			
ZZ-147	Road Crossing	MEDIUM						MEDIUM	
US HWY 441		H	H	M	M	L	M	H	
					could have a one-time catastrophic event	Less than 5 stream crossings	chronic, chemicals from tanker trucks		
OMZ									
A-179	RCRIS	LOW						MEDIUM	
Griffin-Florence Chev-Olds Inc 123 S Broad St Commerce (Jackson County)		L	L	L	L		M	L	
				less than 1,000 gallons	no reported releases		automotive products		
L-032	AGPOND	LOW						MEDIUM	
Ag Waste Lagoon		L	L	H	L		H	L	
				greater than 10,000 gallons	no reported releases		concentrated pathogens		
L-033	AGPOND	LOW						MEDIUM	
Ag Waste Lagoon		L	L	H	L		H	L	
				greater than 10,000 gallons	no reported releases		concentrated pathogens		
L-034	AGPOND	HIGH						MEDIUM	
Ag Waste Lagoon		H	H	H	L		H	L	
				greater than 10,000 gallons	no reported releases		concentrated pathogens		
L-036	AGPOND	MEDIUM						HIGH	
Ag Waste Lagoon		H	M	H	L		H	M	
				greater than 10,000 gallons	no reported releases		concentrated pathogens		

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	(Comments)			(Comments)		(Comments)		
L-037	AGPOND	MEDIUM					HIGH	
Ag Waste Lagoon	L	M	H	L		H	M	
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
L-064	AGPOND	MEDIUM					HIGH	
Ag Waste Lagoon	L	M	H	L		H	M	
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
L-066	AGPOND	MEDIUM					HIGH	
Ag Waste Lagoon	L	M	H	L		H	M	
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
L-067	AGPOND	LOW					HIGH	
Ag Waste Lagoon	L	L	H	L		H	M	
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
L-068	AGPOND	MEDIUM					HIGH	
Ag Waste Lagoon	L	M	H	L		H	M	
		greater than 10,000 gallons		no reported releases		concentrated pathogens		
L-069	AGPOND	MEDIUM					HIGH	
Ag Waste Lagoon	L	M	H	L		H	M	
		greater than 10,000 gallons		no reported releases		concentrated pathogens		

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	(Comments)			(Comments)	(Comments)	(Comments)		
ZZ-044	Railroad Crossing			MEDIUM			MEDIUM	
Norfolk Southern	H	H	H	M	L	M	M	
				could have a one-time catastrophic event	less than 5 stream crossings	chronic, chemicals from transporter cars		
ZZ-078	Road Crossing			MEDIUM			MEDIUM	
GA Hwy 334	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-101	Road Crossing			MEDIUM			MEDIUM	
GA Hwy 98	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-112	Road Crossing			MEDIUM			MEDIUM	
Secondary road	H	H	M	M	M	M	M	
				could have a one-time catastrophic event	between 50 and 100 stream crossings	chronic, chemicals from tanker trucks		
ZZ-148	Road Crossing			MEDIUM			MEDIUM	
US HWY 441	H	H	M	M	L	M	M	
				could have a one-time catastrophic event	Less than 5 stream crossings	chronic, chemicals from tanker trucks		

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