

Northeast Georgia Source Water Assessment Susceptibility Analysis

CITY OF ELBERTON - LAKE RUSSELL

		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)		
IMZ								
A-001	RCRIS	LOW					MEDIUM	
Georgia Synthetics Hwy 72 East Elberton (Elbert County)		L	M	L	L		M	H
		small quantity generator, less than 1000 gallons		no reported releases				
A-002	RCRIS	LOW					MEDIUM	
Smiths Auto Service 579 Harmony Dr Elberton (Elbert County)		L	L	L	L		M	M
		small quantity generator, less than 1000 gallons		no reported releases		oil, diesel, automotive products		
A-003	RCRIS	LOW					MEDIUM	
CSX Transportation Elberton CSX Freight Station On Rr St Elberton (Elbert County)		L	L	M	L		M	M
		between 1,000 and 10,000 gallons		no reported releases				
A-008	RCRIS	LOW					MEDIUM	
Ray Claude Ford Sales 223 Elbert St Elberton (Elbert County)		L	L	L	L		M	M
		less than 1,000 gallons		no reported releases		oil, diesel, automotive products		
B-001	HSI	MEDIUM					HIGH	
CSX Transportation - Middleton Derailm Intersection Of County Roads 296 & 304 Middleton (Elbert County)		H	M	M	M	M	H	H
		between 1,000 and 10,000 gallons		release to groundwater	Corrective actions on-going	known release of p- Xylene from site		
D-003	Landfill	HIGH					MEDIUM	
Elbert Co-Hull Chapel Rd Ph 1 Off Hull Chapel Rd 4.5 Elberton (Elbert County)		H	H	M	M	H	M	H
		landfill in the process of closing, still not capped		on-going releases from run- off	groundwater contamination	open (process of closing); 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)

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	(Comments)			(Comments)		(Comments)		
D-035 Landfill	LOW						MEDIUM	
City of Elberton - Closed Elberton (Elbert County)	L	M	L	L	M	M	H	
	closed landfill, volume due to stormwater run-off			no reported releases		closed landfill; no known groundwater contamination		closed; sanitary landfill
F-001 Pump Station	MEDIUM						HIGH	
Silt Mill Lift Station 1099 Campbell St. Ext. Elberton (Elbert County)	L	M	H	L		H	M	
	capacity is 125,000 gpd, no alarms			no reported releases		acute/pathogens		
G-005 Granite Shed	LOW						LOW	
Central Granite Co. Div. Of Ga Marble C 55 W Railroad St Elberton (Elbert County)	L	L	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-006 Granite Shed	MEDIUM						LOW	
Colonial Granite Co 1004 Hartwell Hwy Elberton (Elbert County)	L	M	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-007 Granite Shed	MEDIUM						LOW	
Consolidated Granite Co., Inc. 1159 Hartwell Hwy Elberton (Elbert County)	L	H	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-008 Granite Shed	MEDIUM						LOW	
Dixie Granite Co., Inc. 333 Railroad St Elberton (Elbert County)	L	M	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		

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Potential Source Description								
G-009	Granite Shed		LOW			LOW		
Geneva Granite Co., Inc. 229 Bartlett St Elberton (Elbert County)	L	L	L	less than 1,000 gallons	M	release during wet weather	L	M
							primarily sediment	
G-010	Granite Shed		LOW			LOW		
Harmony Blue Granite Co., Inc. Harmony Dr Elberton (Elbert County)	L	L	L	less than 1,000 gallons	M	release during wet weather	L	M
							primarily sediment	
G-011	Granite Shed		MEDIUM			MEDIUM		
J&B Granite Co. 1161 Jenkins Rd Elberton (Elbert County)	H	L	L	less than 1,000 gallons	M	release during wet weather	L	H
							primarily sediment	
G-012	Granite Shed		MEDIUM			MEDIUM		
Johnson & Son Memorials, Inc. 1201 Petersburg Rd Elberton (Elbert County)	H	M	L	less than 1,000 gallons	M	release during wet weather	L	H
							primarily sediment	
G-013	Granite Shed		MEDIUM			MEDIUM		
L & M Granite Co., Inc. 1166 McInahan Dr. Elberton (Elbert County)	L	H	L	less than 1,000 gallons	M	release during wet weather	L	H
							primarily sediment	
G-016	Granite Shed		LOW			LOW		
Old South Granite Co. 132 North McIntosh St Elberton (Elbert County)	L	L	L	less than 1,000 gallons	M	release during wet weather	L	M
							primarily sediment	

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				(Comments)			(Comments)	
Potential Source Description								
G-017	Granite Shed		LOW			LOW		
Saxon Ganite Co., Inc. 105 W Railroad St Elberton (Elbert County)	L	L	L	less than 1,000 gallons	M	release during wet weather	L	M
							primarily sediment	
G-019	Granite Shed		MEDIUM			LOW		
Walker Granite Co. 1156 Hartwell Hwy Elberton (Elbert County)	L	M	L	less than 1,000 gallons	M	release during wet weather	L	M
							primarily sediment	
G-020	Granite Shed		MEDIUM			LOW		
Yeargin & Childs Granite Co., Inc. 1113 Hartwell Hwy Elberton (Elbert County)	L	M	L	less than 1,000 gallons	M	release during wet weather	L	M
							primarily sediment	
G-021	Granite Shed		MEDIUM			LOW		
Diamond Blue Quarry, Inc. 1201 Allen Logan Rd. Elberton (Elbert County)	L	M	L	less than 1,000 gallons	M	release during wet weather	L	M
							primarily sediment	
G-024	Granite Shed		MEDIUM			MEDIUM		
Baston Monuments, Inc. 1141 Old Middleton Rd. Elberton (Elbert County)	L	M	L	less than 1,000 gallons	M	release during wet weather	L	H
							primarily sediment	
G-026	Granite Shed		MEDIUM			MEDIUM		
Elberton Granite Industries, Inc. 1039 Middleton Rd Elberton (Elbert County)	L	M	L	less than 1,000 gallons	M	release during wet weather	L	H
							primarily sediment	

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	(Comments)			(Comments)		(Comments)		
Potential Source Description								
G-028 Granite Shed	MEDIUM						MEDIUM	
Hillcrest Granite Company, Inc. 1402 Old Middleton Rd Elberton (Elbert County)	L	H	L	M		L	H	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-029 Granite Shed	LOW						LOW	
Howell Granite Imports, LLC 1177 Ruckersville Rd Elberton (Elbert County)	L	L	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-030 Granite Shed	LOW						LOW	
Hunter Granite Sales, Inc. 1272 Old Hartwell Highway Elberton (Elbert County)	L	L	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-031 Granite Shed	MEDIUM						MEDIUM	
J & R Finishing Company 1139 Old Middleton Rd Elberton (Elbert County)	L	M	L	M		L	H	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-034 Granite Shed	LOW						MEDIUM	
Republic-Highpoint-Sterling Granite Co 1039 Old Middleton Rd Elberton (Elbert County)	L	L	L	M		L	H	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-037 Granite Shed	LOW						MEDIUM	
Superior Granite Company 1544 Calhoun Falls Highway Elberton (Elbert County)	L	L	L	M		L	H	
	less than 1,000 gallons			release during wet weather		primarily sediment		

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				(Comments)	(Comments)	(Comments)	(Comments)	
Potential Source Description								
G-038 Granite Shed	MEDIUM						MEDIUM	
T&J Granite Counter Tops 1063 Old Middleton Rd Elberton (Elbert County)	L	M	L	less than 1,000 gallons	M	release during wet weather	L	H
							primarily sediment	
G-039 Granite Shed	MEDIUM						MEDIUM	
Trinity Granite Company 1463 Old Middleton Rd Elberton (Elbert County)	L	M	L	less than 1,000 gallons	M	release during wet weather	L	H
							primarily sediment	
G-040 Granite Shed	MEDIUM						MEDIUM	
Welchs Granite Company 1486 Old Middleton Rd Elberton (Elbert County)	L	H	L	less than 1,000 gallons	M	release during wet weather	L	H
							primarily sediment	
K-030 NPDES	HIGH						MEDIUM	
Elberton Fortson Creek WPCP Campbell Road Elberton (Elbert County)	H	H	H	greater than 10,000 gallons	M	NPDES permit, on-going permitted releases	M	M
						periodic permit violations	acute/pathogens	
K-093 Pump Station	LOW						HIGH	
Beaverdam Elementary School P.S. 739 New Ruckersville Road Elberton (Elbert County)	L	L	L	serves ~500 student school, brand new, with alarms	L	no reported releases	L	M
						no known compliance problems	acute/pathogens	
M-003 Airport	MEDIUM						MEDIUM	
Elbert County - Patz Field	L	M	M	between 1,000 and 10,000 gallons	L	no reported releases	M	H
							bulk flammable aviation storage on site	

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	(Comments)			(Comments)		(Comments)		
N-0974 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-0975 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-0976 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		
P-001 TRI	LOW						MEDIUM	
Martin Fireproofing Georgia Inc. 1318 Washington Hwy. Elberton (Elbert County)	L	L	M	L		M	H	
	between 1,000 and 10,000 gallons			no reported releases		stores chemicals, paints, cement		
P-002 TRI	MEDIUM						MEDIUM	
Honeywell International Minerial Springs Rd. Elberton (Elbert County)	L	L	M	M		M	H	
	are on TRI list and have 1000 to 10000 gallons of chemicals on-site			are on TRI list but have spill control measures such as 2nd cont		chemicals stored on site (ethanol)		
R-002 Mine	MEDIUM						LOW	
Beaver Dam Quarry (Elbert County)	H	H	L	L		L	M	
	less than 1,000 gallons			no reported releases		primarily sediment from run-off		

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	(Comments)			(Comments)		(Comments)		
R-003 Mine	MEDIUM						LOW	
Worley Blue Quarry (Elbert County)	H	H	L	M		L	M	
	less than 1,000 gallons			chronic small events		primarily sediment from run-off		
R-004 Mine	LOW						LOW	
Coronet Quarry (Elbert County)	L	L	L	L		L	M	
	less than 1,000 gallons			no reported releases		primarily sediment from run-off		
R-008 Mine	LOW						LOW	
Continental Quarry (Elbert County)	L	M	L	L		L	M	
	less than 1,000 gallons			no reported releases		primarily sediment from run-off		
Z-001 Industrial Pretreatment Pla	MEDIUM						LOW	
Conagra (formerly Seaboard) Old Middleton Road Elberton (Elbert County)	L	M	M	M		L	M	
	between 1,000 and 10,000 gallons			two previous spills in 1997 and 1999 of wastewater		pretreatment permit for ammonia, BOD, pH, TSS, O&G		
ZZ-036 Railroad Crossing	HIGH						MEDIUM	
CSX	H	H	H	M	H	M	H	
				could have a one-time catastrophic event		just upstream of intake		chronic, chemicals from transporter cars
ZZ-087 Road Crossing	MEDIUM						MEDIUM	
GA Hwy 77	H	H	M	M	L	M	H	
				could have a one-time catastrophic event		Less than 5 stream crossings		chronic, chemicals from tanker trucks

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	(Comments)			(Comments)		(Comments)		
ZZ-115 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		
OMZ								
D-034 Landfill	LOW						MEDIUM	
City of Elberton - Closed	L	L	L	L	M	M	M	
Elberton (Elbert County)	closed landfill, volume due to stormwater run-off			no reported releases	closed landfill; no known groundwater contamination	closed; sanitary landfill		
G-001 Granite Shed	LOW						LOW	
Ameristone 1813 Shallow Creek Rd. Elberton (Elbert County)	L	L	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-003 Granite Shed	LOW						LOW	
Bluestone Granite Co., Inc. 2466 Harmony Rd Elberton (Elbert County)	L	L	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-004 Granite Shed	LOW						LOW	
Burton Monument Co., Inc. 1494 Hartwell Highway Elberton (Elbert County)	L	L	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-014 Granite Shed	MEDIUM						LOW	
Lexington Blue Granite Co., Inc. 1113 Monumental Dr Elberton (Elbert County)	L	M	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		

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G-015	Granite Shed		MEDIUM			LOW		
Moon Rock Granite Quarries, Inc. 1780 Cromer Rd Elberton (Elbert County)	L	M	M	M		L	L	
	Store petroleum (2,000 gallons max)			release during wet weather		petroleum on-site, but primarily discharge would be sediment		
G-018	Granite Shed		LOW			LOW		
Star Granite Co., Inc. 1002 Hartwell Hwy Elberton (Elbert County)	L	L	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-022	Granite Shed		MEDIUM			MEDIUM		
Willis Granite Co., Inc. 1789 Hartwell Hwy Elberton (Elbert County)	L	M	L	M		L	H	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-023	Granite Shed		LOW			LOW		
Apex-Mize Granite Company, Inc. 1114 West Tate Street Ext. Elberton (Elbert County)	L	L	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-025	Granite Shed		MEDIUM			LOW		
Bell Granite Company 1113 West Tate St Elberton (Elbert County)	L	M	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-032	Granite Shed		MEDIUM			LOW		
King's Monument Company, Inc. 1034 West Tate St Elberton (Elbert County)	L	M	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		

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	(Comments)			(Comments)		(Comments)		
G-033 Granite Shed	MEDIUM						MEDIUM	
Net Granite Company, Inc. 2178 Anderson Highway Elberton (Elbert County)	L	M	L	M		L	H	
	less than 1,000 gallons			release during wet weather		primarily sediment		
G-035 Granite Shed	MEDIUM						LOW	
River Edge Granite Company, Inc. 1037 Brewers Bridge Rd Elberton (Elbert County)	L	H	L	M		L	M	
	less than 1,000 gallons			release during wet weather		primarily sediment		
R-001 Mine	MEDIUM						LOW	
Blue Ribbon Quarry (Elbert County)	H	H	L	L		L	L	
	less than 1,000 gallons			no reported releases		primarily sediment from run-off		
R-006 Mine	LOW						LOW	
Childs Brothers Quarry (Elbert County)	L	L	L	M		L	L	
	less than 1,000 gallons			chronic small events		primarily sediment from run-off		
ZZ-019 Pipeline crossing	MEDIUM						LOW	
Plantation Pipeline	H	H	L	L	M	L	M	
				little likelihood of a release from pipeline	Between 5 and 9 stream crossings	natural gas pipeline; volatile		
ZZ-061 Road Crossing	MEDIUM						MEDIUM	
GA Hwy 172	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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ZZ-088	Road Crossing	MEDIUM						MEDIUM	
GA Hwy 77		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-116	Road Crossing	MEDIUM						MEDIUM	
Secondary road		H	H	M	M	L	M	M	
					could have a one-time catastrophic event	less than 50 stream crossings	chronic, chemicals from tanker trucks		
ZZ-144	Road Crossing	MEDIUM						MEDIUM	
US HWY 29		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									
R-010	Mine	LOW						LOW	
Green Rose Mine		L	L	L	L		L	L	
(Hart County)				less than 1,000 gallons	no reported releases		primarily sediment from run-off		
R-011	Mine	LOW						LOW	
Horse Head Mine		L	M	L	L		L	L	
(Hart County)				less than 1,000 gallons	no reported releases		primarily sediment from run-off		

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