

Appendix C

Directions to the Staging Areas from the Public Safety Building

APPENDIX C

Directions to the staging areas from the Public Safety Building

North staging – Primary

Boulder Fire Training Center at the Boulder Reservoir at 5500 51st St.

From the Public Safety Building go left (north) to Walnut
At Walnut go left (west) to 30th Street
At 30th Street go right (north) to Valmont
At Valmont go right (east) to Foothills Highway
At Foothills Highway go left (northeast) - Follow Foothills Highway /Diagonal Highway to the turn right (east-Longmont bound)
At Jay Road go left (west) to 51st Street
At 51st Street go right (north) Boulder Reservoir
At the Reservoir, turn right, passing through the main entrance and continue east to Training Center

South staging-Primary

Horizons Elementary School at 4545 Sioux Dr.

From the Public Safety Building go right (south) to Arapahoe
At Arapahoe go left (east) to Foothills Highway
At Foothills Highway go right (south) to Baseline Road
At Baseline Road go right (west) to Mohawk Drive
At Mohawk Drive go left (south) to Horizons School

South staging – Secondary

Southern Hills Middle School at 1500 Knox Dr.

From the Public Safety Building go right (south) to Arapahoe
At Arapahoe go left (east) to Foothills Highway
At Foothills Highway to right (south) South Boulder Road/Table Mesa Drive
At South Boulder Road/Table Mesa Drive go right (west) to Broadway
At Broadway go left (south) to Grinnell Avenue
At Grinnell Avenue go right (west) to Knox Drive.
At Knox Drive go left (south) to Southern Hills Middle School

Gathering Area at the

EHS Building on the University of Colorado Campus

From the Public Safety Building go right (south) to Arapahoe
At Arapahoe go right (west) to 28th St.
At 28th St. go left (south) to Colorado
At Colorado go right (west) to Regent
At Regent, go left (south) to Environmental Health and Safety Building (first building south of the University of Colorado Police Department on east side of the street).

Appendix D

Traffic Control Points

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Traffic Control Points

Once evacuation is ordered and as resources allow, traffic will be controlled from going into a designated flood area at the following locations:

Boulder Creek Flood Plain

- 9th at University
- 9th at Mapleton
- Broadway at Mapleton
- Broadway at University
- 28th at Colorado
- 30th at Valmont

South Boulder Creek Flood Plain

- Eastbound US 36 at Table Mesa
- Southbound Hwy 157 at Table Mesa
- South Boulder Road at Hwy 157
- 55th St. South of the East Boulder Recreation Center
- 55th at Sioux Dr.
- Baseline at 55th St.
- Arapahoe at 55th St.
- Arapahoe at Conestoga

Should outside agencies be asked to assist with traffic control, the following locations should be considered as traffic points:

- Boulder bound US 36
- Boulder bound South Boulder Rd.
- Boulder bound Baseline Rd.
- Northbound Cherryvale at South Boulder
- Southbound Cherryvale at Arapahoe

Appendix E

Incident Command System (ICS)

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Incident Command System (ICS)

The Boulder Police Department will use ICS functional groups. Those groups are command, operations, logistics, planning, and finance. The primary command functions will occur at the North staging under a unified command system.

- *Command* is in charge of overall incident.
- *Operations* controls and supports the tactical response activities.
- *Logistics* facilitates and provides resources to support operations.
- *Planning* monitors progress and anticipates the effects of the operations.
- *Finance* keeps track of costs, records, and pays vendors services, etc.

Boulder Police personnel will be assigned as follows using the ICS:

Policy Group & Emergency Operations Center

Policy Group
E.O.C. ESF#13 Leader
E.O.C. Manager
E.O.C. PIO

Incident Management Team

Incident Commander
Incident Command Vehicle Operator
Incident Command Public Information Officer
Incident Command Liaison Officer
Incident Command Safety Officer
Operations Chief
Logistics Chief
Planning Section Chief
Finance/Administration Section Chief

Operations

North Branch
North Branch Director
Staging Area Manager
Task Force Supervisor

South Branch
South Branch Director
Staging Area Manager
Task Force Supervisor

Logistics

All incident support needs (e.g. personnel, equipment, supplies) are provided by Logistics. The following units are part of Logistics:

Staging Officer: Is responsible for maintaining a location where personnel and equipment can be staged to support the incident.

Communications Unit: Is responsible for developing plans for effective use of incident communications and equipment such as the available frequencies, communication capabilities, and distribution of communication equipment to incident personnel, and maintenance and repair of communication equipment.

Food & Facilities Unit: Is responsible for determining feeding requirements at all incident facilities such as the incident command post, staging areas, etc. In addition, determines (if applicable) facilities such as sanitation and resting locations.

Armorer: Is responsible for repairing and/or replacing authorized weapons.

Personnel Unit: Is responsible for providing staffing needed to respond to the incident.

Check-In Recorder: Is responsible for tracking resources.

Planning

The Planning Section evaluates processes and disseminates information for use at the incident. The Planning Section develops incident intelligence information to assist in the development of contingency plans for the incident commander. The Planning Section provides information needed to understand the current situation, predicts probable courses of incident events, and assists in preparing alternative strategies. The following units are part of the Planning Section:

Resource Unit: Is responsible for preparation, processing, and reporting resource status change information. The Resource Unit tracks personnel and equipment relating to the incident.

Demobilization Unit: Is responsible for preparing the demobilization plan and the safe, cost effective movement of police personnel and equipment.

Incident Scribe: Records incident information at the command level.

Situation Unit: Collects and processes information on the current situation, prepares situation displays and situation summaries, and develops maps and projections.

Finance

The Finance Section is responsible for the compilation of all information related to the cost of the operation. This may include, but is not limited to, equipment and its usage, personnel, hours, supplies etc. The following units are part of the Finance Section:

Compensation and Claims Unit: Is responsible for administering financial matters arising from serious injuries, deaths and other emergency claims related to the incident.

Procurement Unit: Is responsible for administering all financial matters pertaining to commercial vendors.

Time Unit: Ensures that all personnel time on an incident or event is recorded.

Cost Unit: Responsible for collecting all cost information, and for providing cost estimates and cost savings recommendations.

Demobilization

When the incident is controlled and available resources are beginning to be released, the amount of necessary staff will be monitored. The following will be taken into consideration:

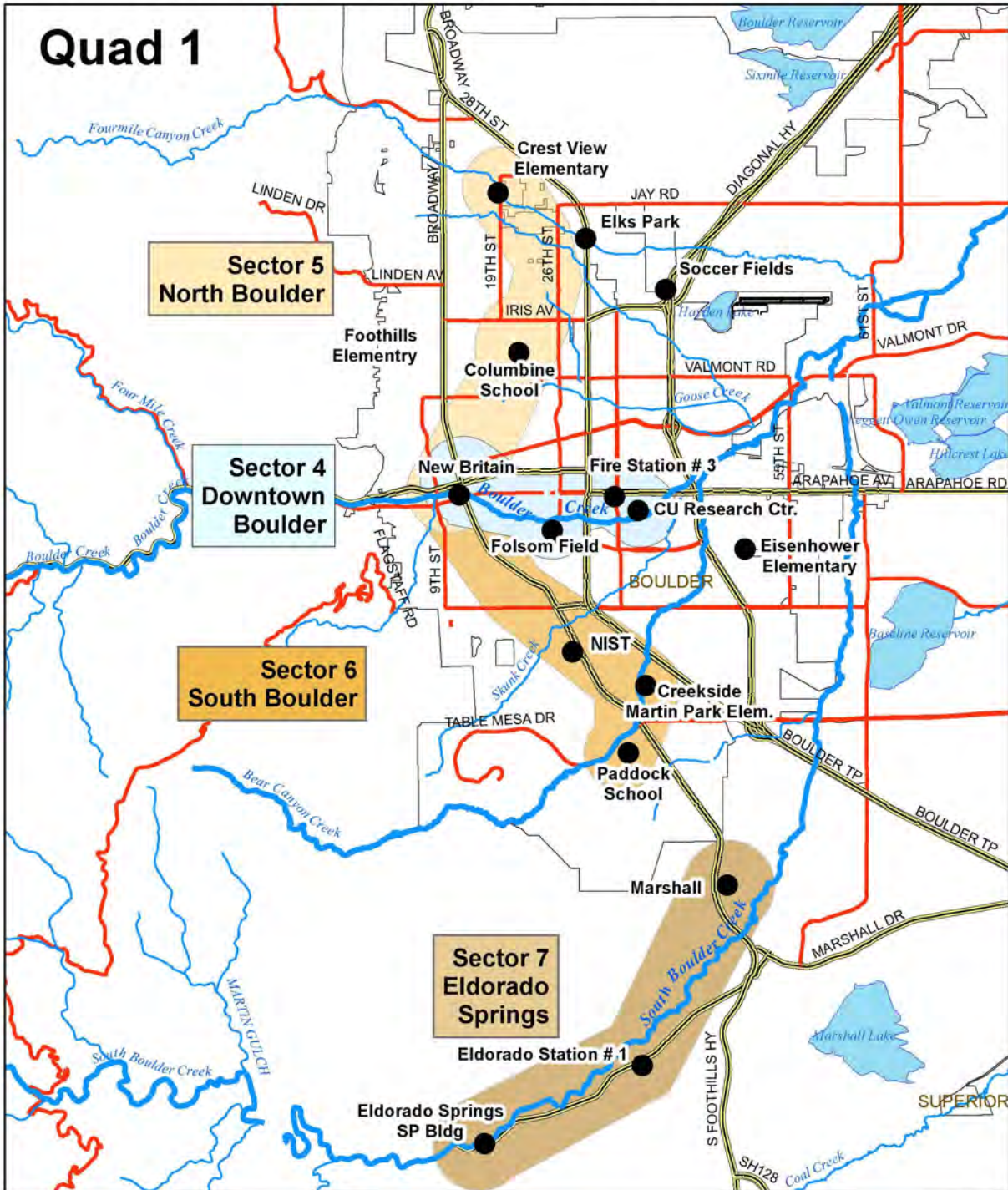
- Excess resources/physical condition of personnel
- Plan development, resource information
- Continuing need for tactical resources
- Transportation availability
- Communication maintenance
- Costs of resources
- Agency agreements

Appendix F

Warning Siren Locations Map/ Call Keys by HAZARD

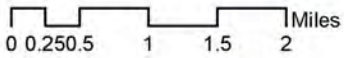
APPENDIX F (1)

Warning Sirens in Quad 1 - City of Boulder & Eldorado Springs



Legend
 ● Siren
 — Creeks

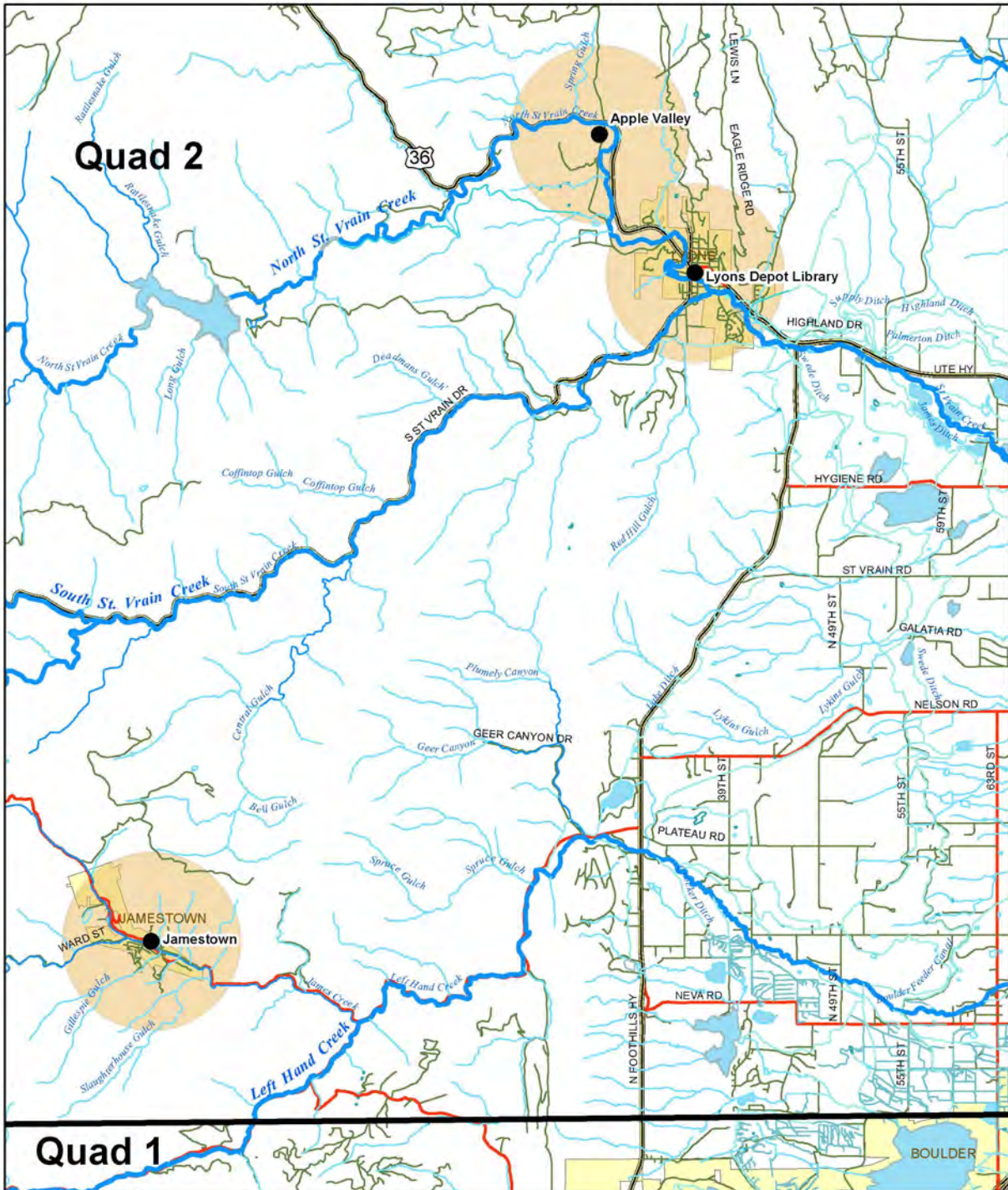
City of Boulder & CU = Area 2
 All Others = Area 1



North arrow and date: June 1, 2011

APPENDIX F (2)

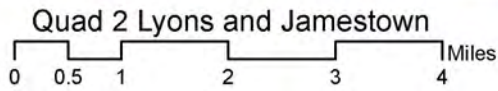
Quad 2 Boulder Warning Sirens 2011



Legend

Warning Sirens

- Siren
- Siren Radius

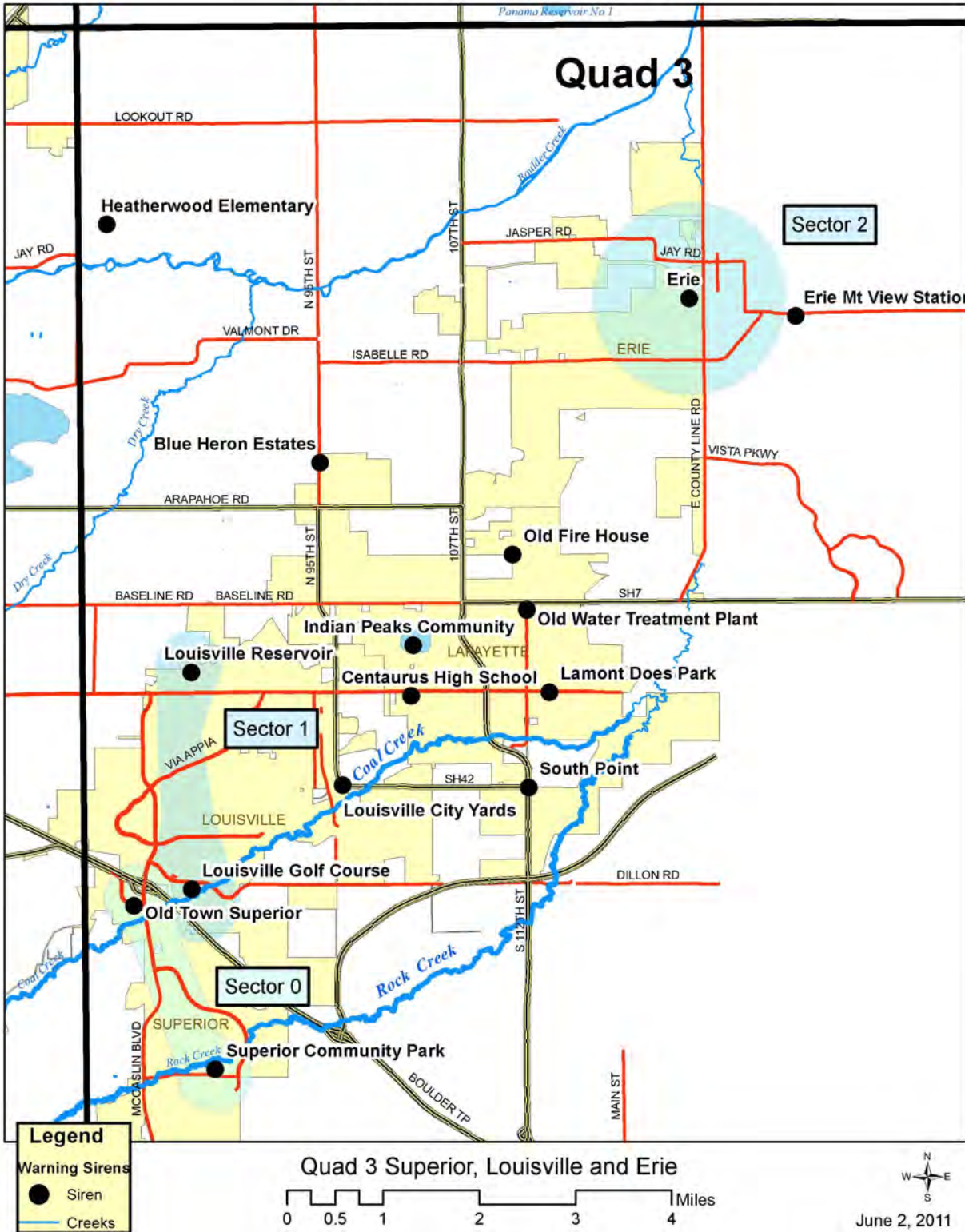


N
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June 2, 2011

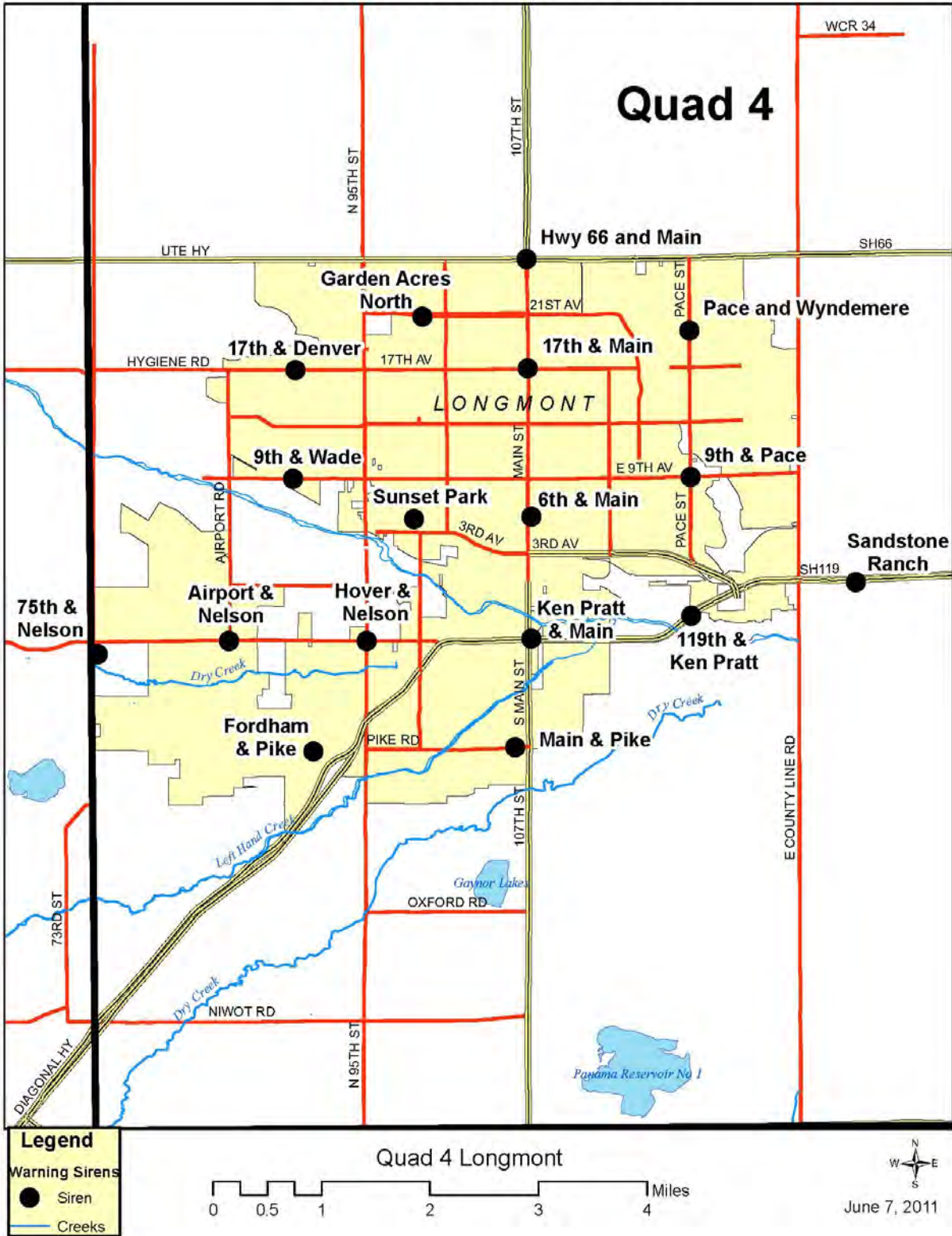
APPENDIX F (3)

Quad 3 Warning Sirens 2011



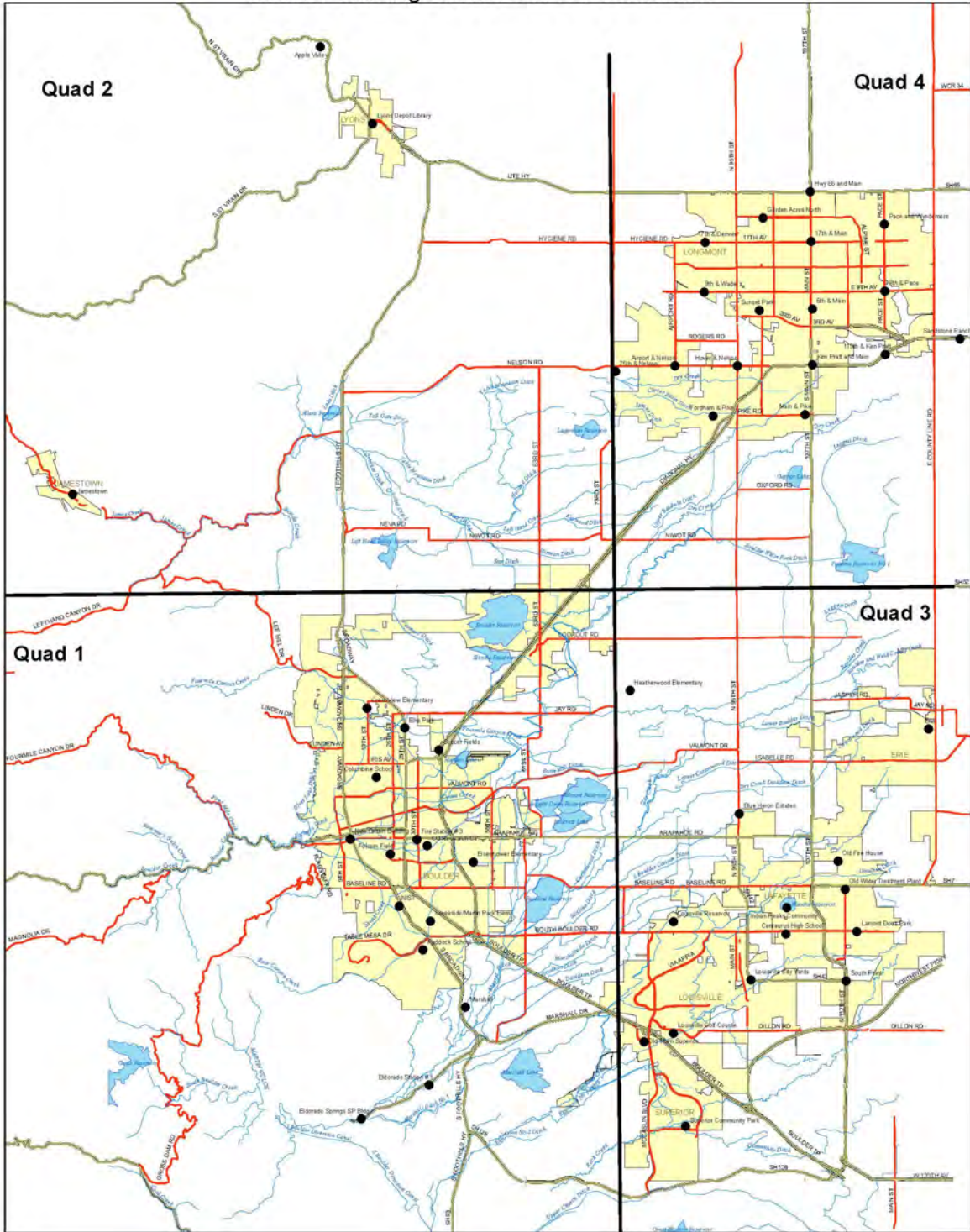
APPENDIX F (4)

Quad 4 Warning Sirens 2011

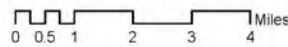


APPENDIX F (5)

Boulder Warning Sirens 2011 For Verification



Boulder County Siren Quads



June 7, 2011

Legend

- Warning Sirens
- Creeks

Siren Encoder - Call Keys by HAZARD

Whelen Siren Encoder Model E-2010

Use	Location	Notes	Call Key
OFF - All Sirens OFF	County-wide	Silences ALL sirens	1
Siren Test - Monthly	County-wide	Send Lafayette test thru CAD	2
Flood	Jamestown		15
Flood	Lafayette	Send all Lafayette alerts thru CAD	n/a
Flood	Louisville		20
Flood	Lyons		13
Flood	Superior		37
Flood	Eldorado/Marshall	South Boulder Creek Flooding	6
Flood BLDR CREEK IMMEDIATE FLOOD	Boulder	Boulder Creek FLASH FLOOD ZONE	4
Flood - Wide area flooding	Boulder	All of Boulder sirens	5
Barker Dam Failure	Boulder	All of Boulder sirens	53
Gross Dam Failure	Quadrant 1	Boulder / Eldorado / Marshall	54
Tornado	Quadrant 1	Boulder/Eldorado/Marshall	7
Tornado	Quad 1 & 3	Southern half of County (S of 52)	9
Tornado	Quadrant 3	Superior/Louisville/Erie	8
Tornado	Lafayette	* Alert Lafayette thru CAD *	n/a
Fire - Wildfire	Jamestown		16
Fire - Wildfire	Lyons		14
Fire - Wildfire	Marshall		31
Fire - Wildfire - NW Boulder	Boulder	North of Canyon Blvd	10
Fire - Wildfire - SW Boulder	Boulder	South of Canyon Blvd	11
Severe Weather	Jamestown		17
Severe Weather	Louisville		21
Severe Weather	Lyons		26
Severe Weather	Marshall		32
Severe Weather	Superior		38
Hazmat - evacuate	Louisville		23
Hazmat - evacuate	Lyons		28
Hazmat - evacuate	Marshall		34
Hazmat - evacuate	Superior		40
Hazmat - shelter in place	Louisville		22
Hazmat - shelter in place	Lyons		27
Hazmat - shelter in place	Marshall		33
Hazmat - shelter in place	Superior		39

TO ACTIVATE SIRENS: On the Siren Encoder - Select desired "CALL KEY", then press "SEND"

Siren Encoder - Call Keys by HAZARD

Whelen Siren Encoder Model E-2010

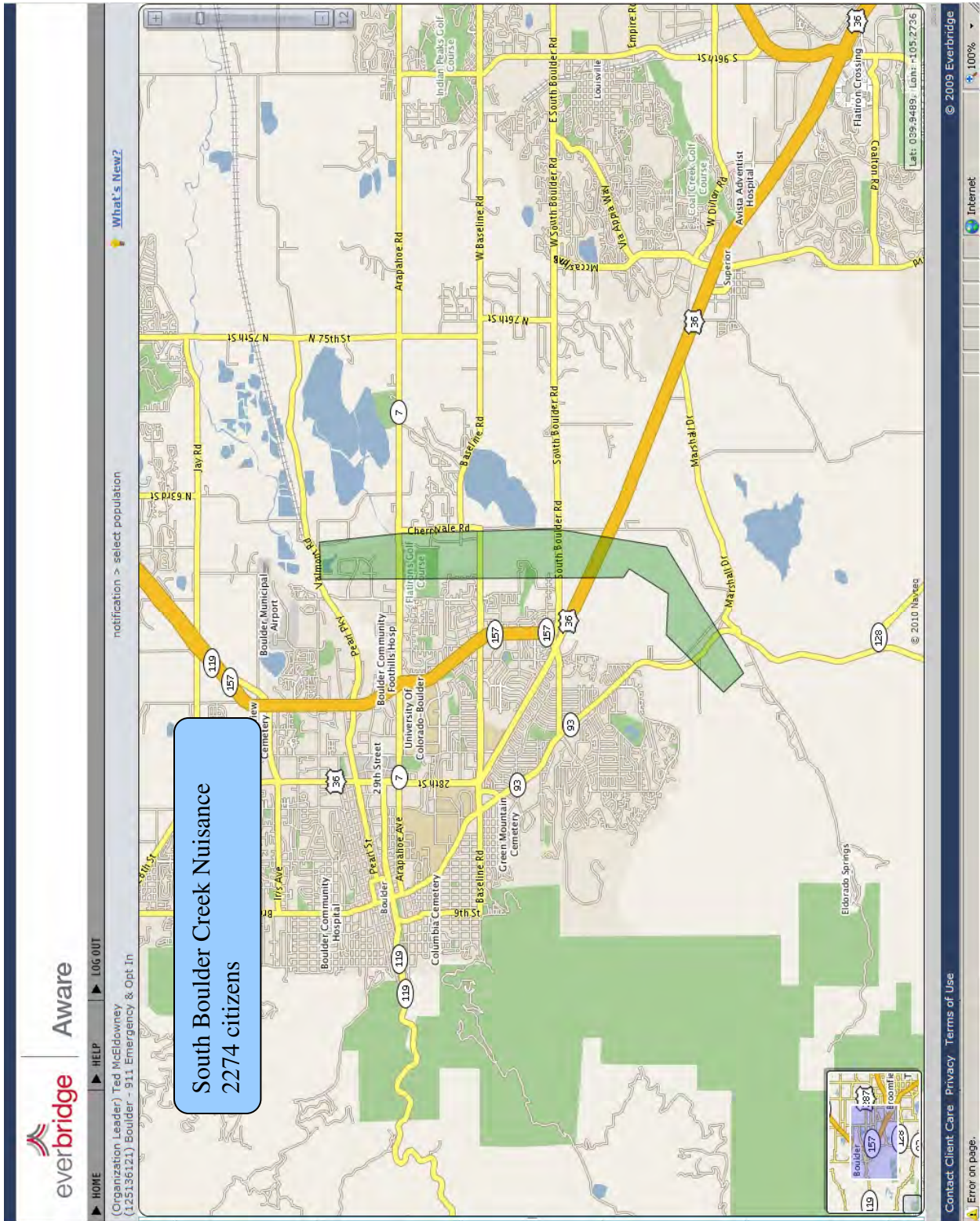
Use	Location	Notes	Call Key
PA message	Boulder	Manual PA message	12
PA message	Eldorado/Marshall		36
PA message	Jamestown		19
PA message	Louisville		25
PA message	Lyons		30
PA message	Superior		42
15 minute attack tone	County-wide	Use if county is under attack	3
5 Minute Alert Tone	Boulder	Boulder sirens only	47
5 Minute Alert Tone	Eldorado/Marshall		48
5 Minute Alert Tone	Erie		43
5 Minute Alert Tone	Jamestown		50
5 Minute Alert Tone	Lafayette	Send all Lafayette alerts thru CAD	n/a
5 Minute Alert Tone	Louisville		51
5 Minute Alert Tone	Lyons		49
5 Minute Alert Tone	Quadrant 1	Boulder/Eldorado/Marshall	44
5 Minute Alert Tone	Quadrant 2	Lyons/Jamestown	45
5 Minute Alert Tone	Quadrant 3	Superior/Louisville/Erie	46
5 Minute Alert Tone	Superior		52
Cancellation	Eldorado/Marshall		35
Cancellation	Jamestown		18
Cancellation	Louisville		24
Cancellation	Lyons		29
Cancellation	Superior		41

TO ACTIVATE SIRENS: On the Siren Encoder - Select desired "CALL KEY", then press "SEND"

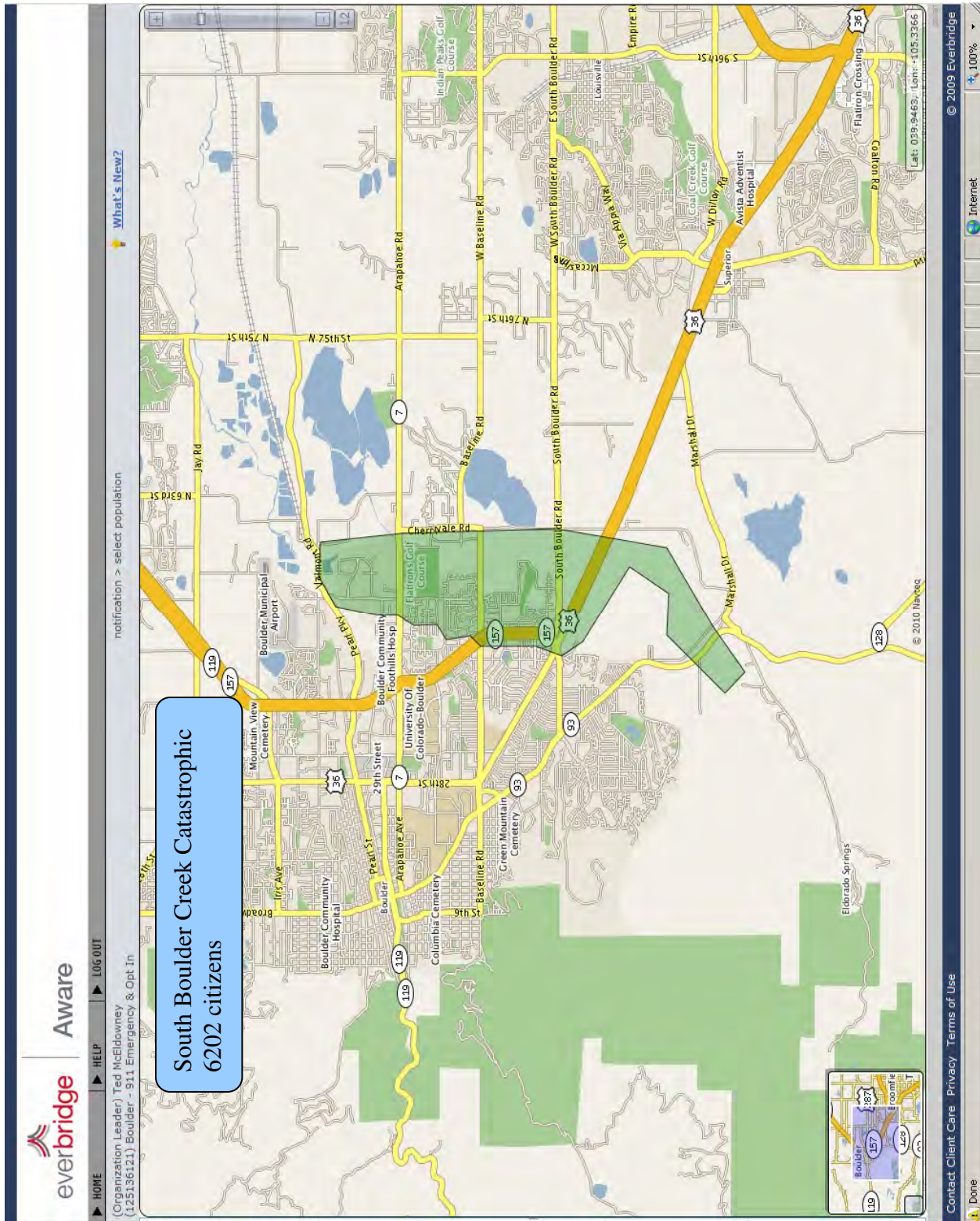
Appendix G

Everbridge Notification Maps/ Pre-Planned Voice & Text Messages

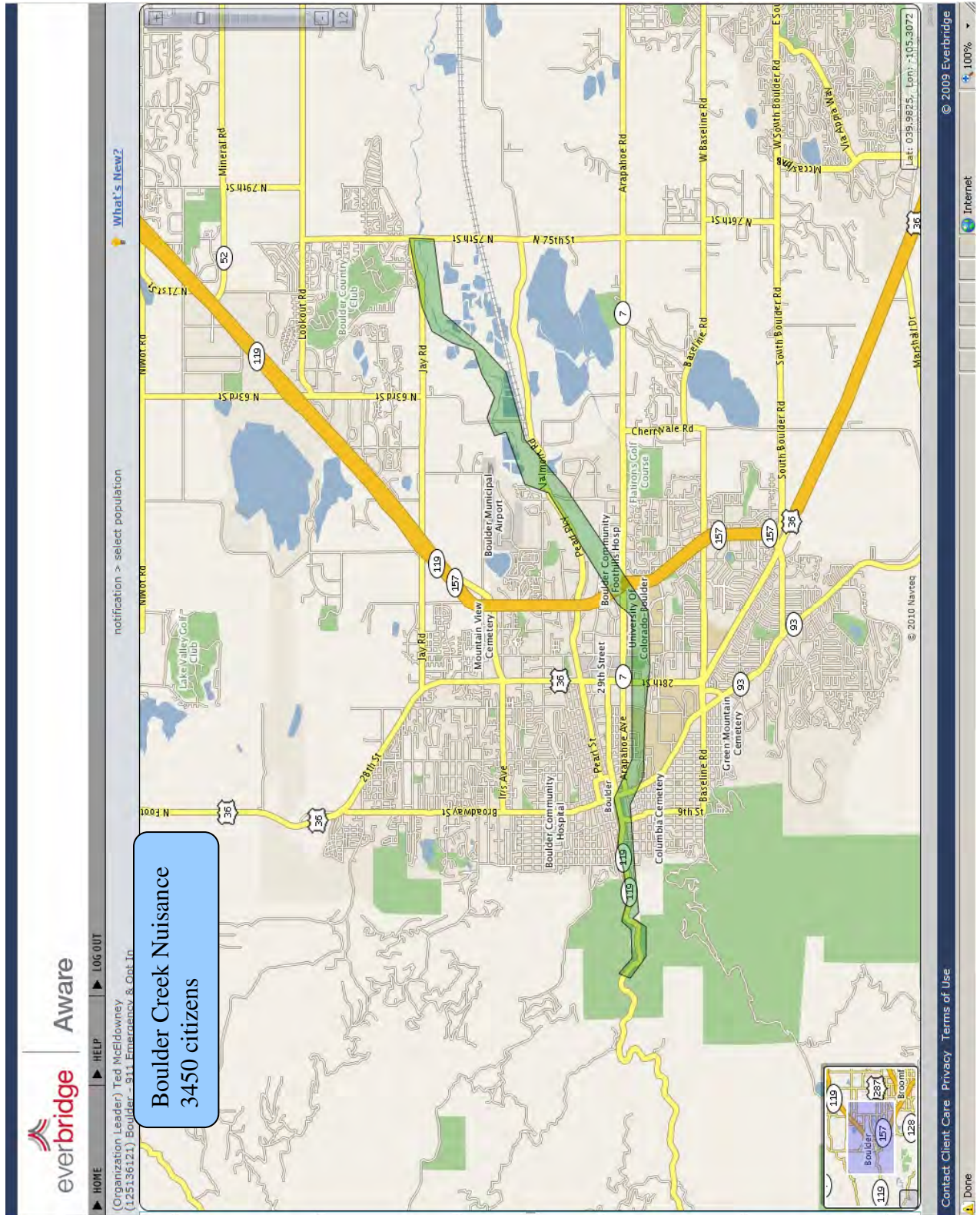
Everbridge Notification Map – South Boulder Creek Nuisance



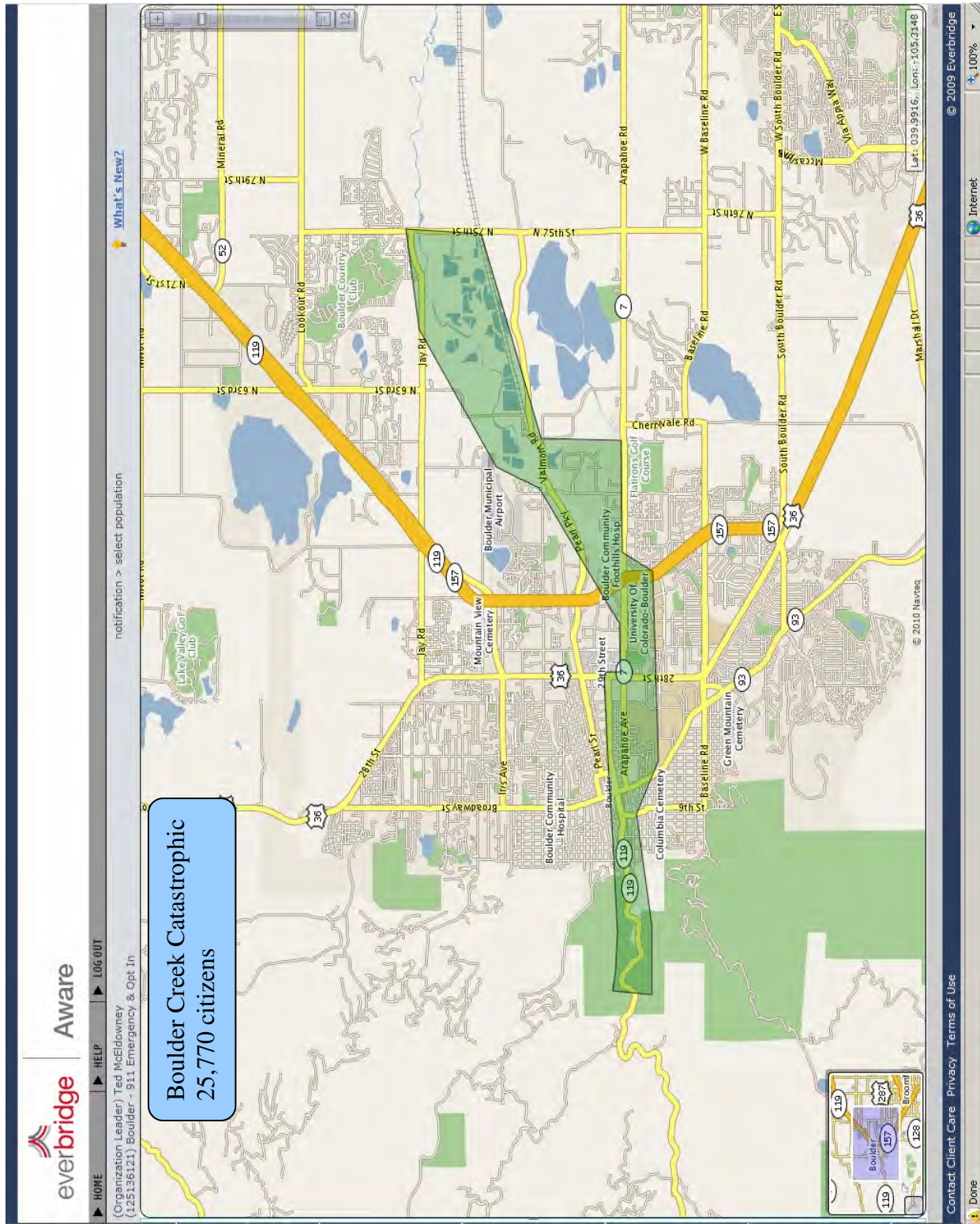
Everbridge Notification Map – South Boulder Creek Catastrophic



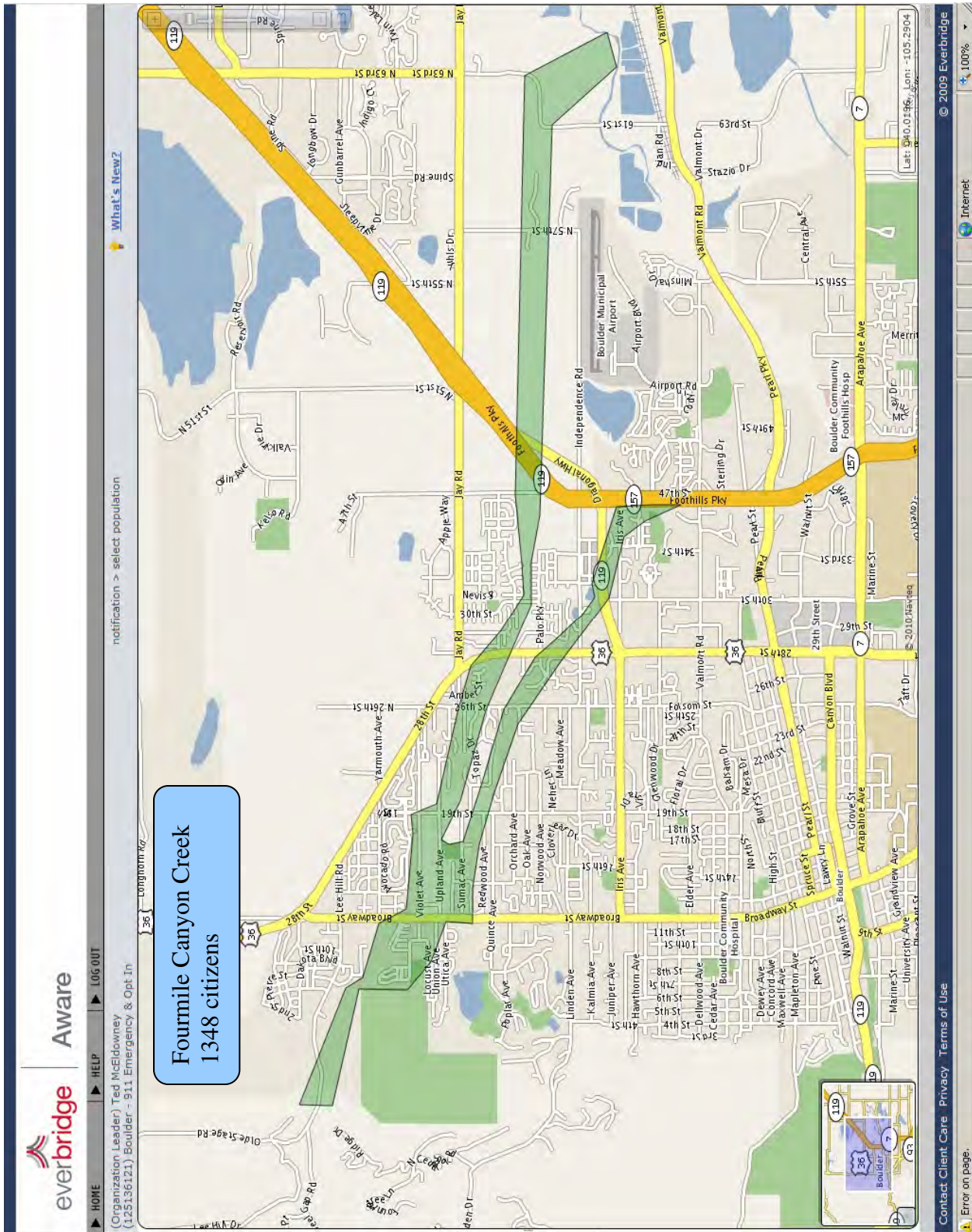
Everbridge Notification Map –Boulder Creek Nuisance



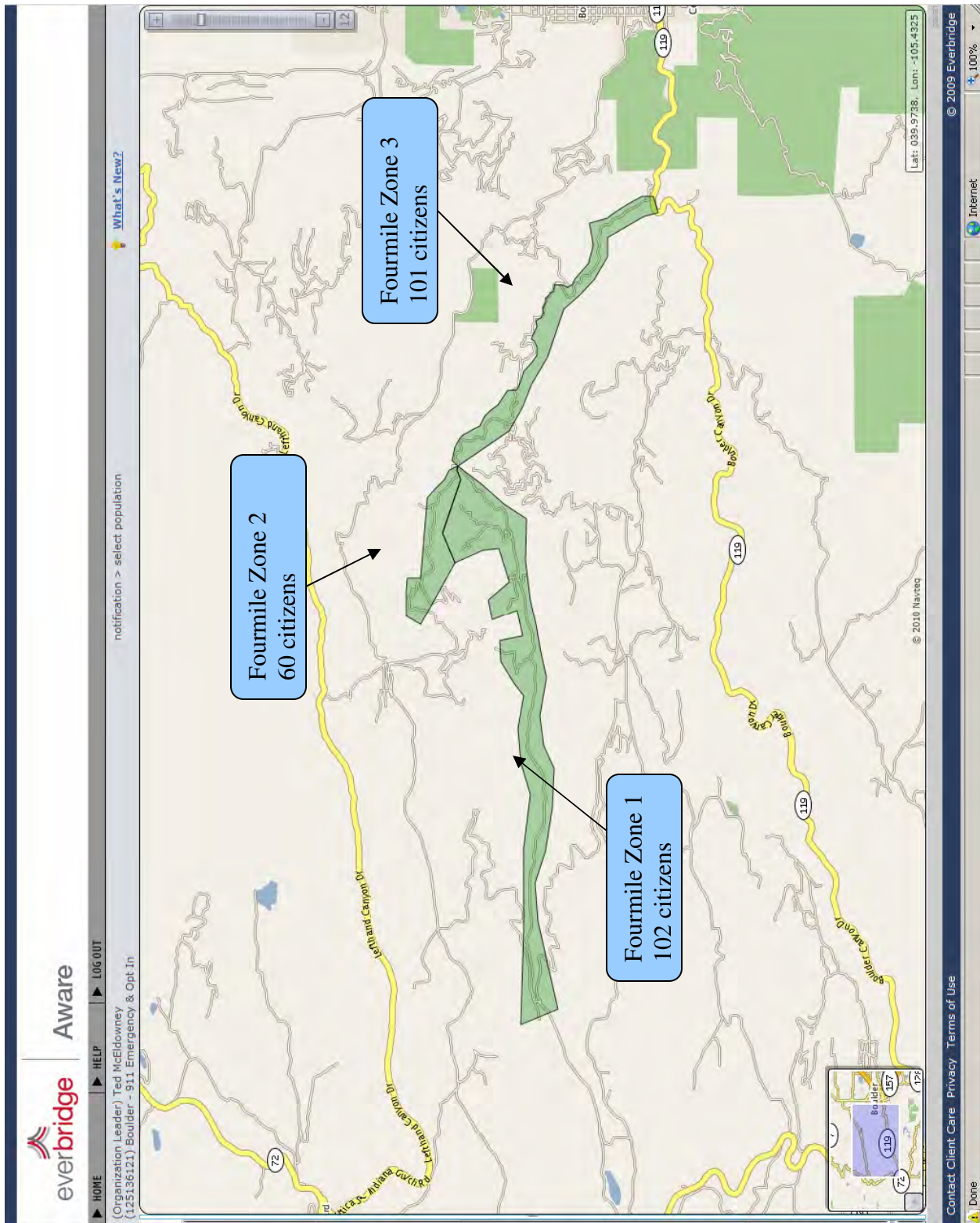
Everbridge Notification Map –Boulder Creek Catastrophic



Everbridge Notification Map – Fourmile Canyon Creek



Everbridge Notification Map – Fourmile Zones



Everbridge Pre-planned Voice and Text Messages

BPFC Nuisance Flooding-No Evac from Bldgs

Flash flooding in low lying areas is expected. People located outdoors should move away from creeks to avoid rising waters or a surge. This includes people in adjacent parks and along bike paths. Evacuations from buildings are not necessary at this time. Remain alert for additional messages and be prepared to move to higher ground if so advised. Updates are available at www.boulderoem.com/emergency-status .

BPFC Flood Evac–Risk coming but time to leave area

Flash flooding is expected due to weather conditions in the area. Leave immediately and quickly using flood safety routes and move to higher ground. Avoid crossing flood waters at any time, on foot or in your vehicle.

BPFC Flood Evac–Imminent risk

Emergency officials advise flash flooding is imminent. Evacuate the area immediately, move away from the creek and go to higher ground. Avoid crossing flood waters on foot or in your vehicle. If you are in a building and cannot evacuate safely, go to the highest floor possible.

BPFC - Barker Dam Full Failure Evacuation Message

Emergency officials have confirmed a failure of the Barker Dam located just east of Nederland in Boulder Canyon. Significant flooding, property damage, and loss of life are likely. Evacuate the area immediately. Move to higher ground or away from the city. Avoid crossing flood waters on foot or in your vehicle. If you cannot leave your building safely, go to the highest floor possible. Updates are available at www.boulderoem.com/emergency-status

BPFC ALL CLEAR – Flood

Emergency officials have determined it is safe to return to your home. Be aware of debris and other potential hazards and avoid crossing flood waters on foot or in your vehicle. Continue to monitor conditions and tune to local media or visit www.boulderoem.com/emergency-status for more information.