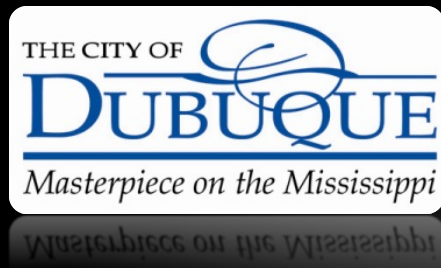


CITY OF DUBUQUE MS4 PERMIT

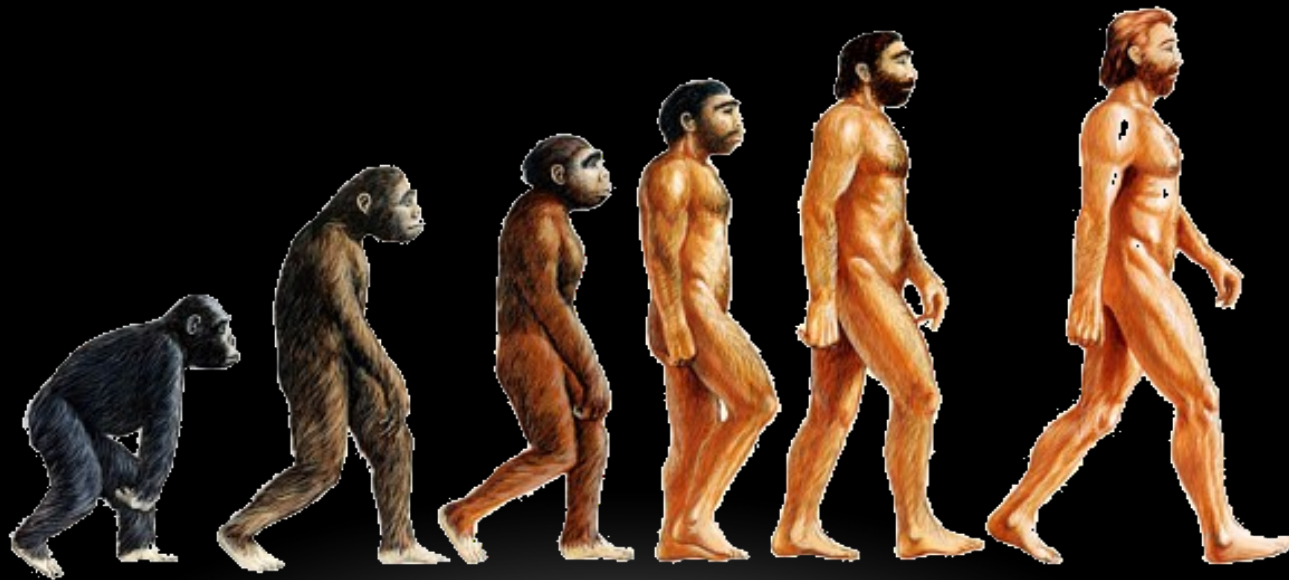
Latest in GIS Technology and Permit Tracking

INTRODUCTIONS

- Dean Mattoon
 - City of Dubuque Engineering Department
 - MS4 compliance
 - 563-543-8460
 - dmattoon@cityofdubuque.org



ORIGINS AND EVOLUTION OF PERMIT TRACKING



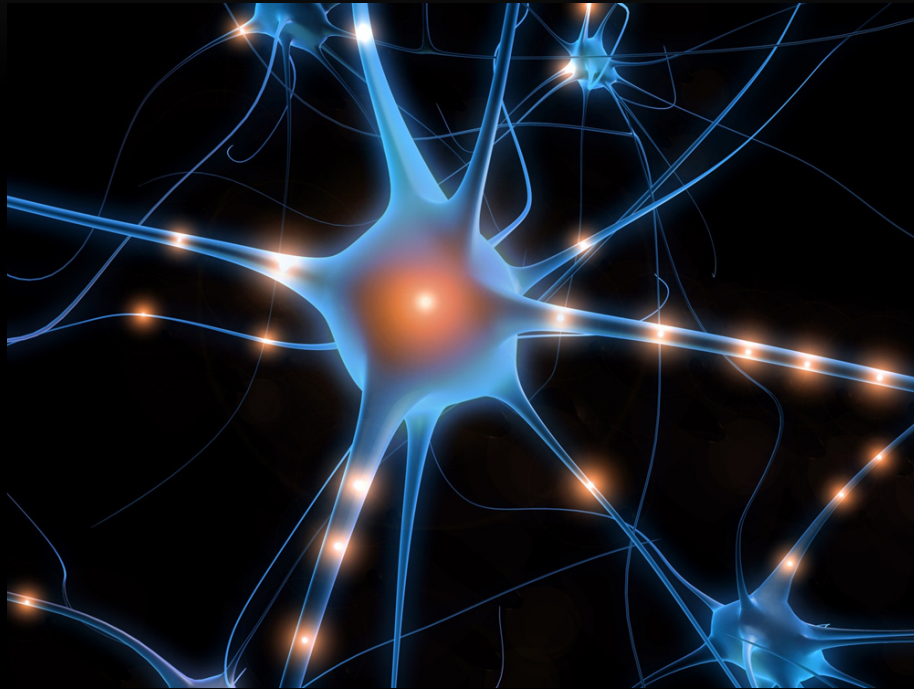
THE AGE OF PAPER



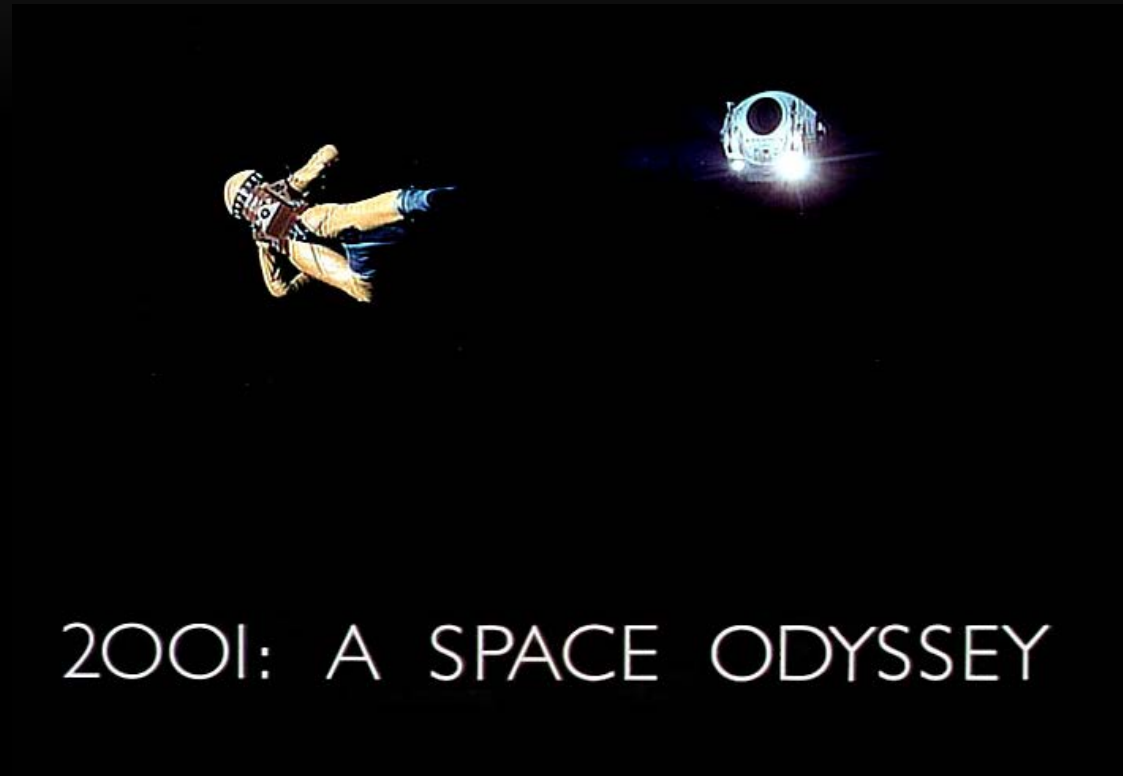
THE AGE OF 3RD PARTY SOFTWARE



THE DATABASE TRIALS



THE BREAK-THROUGH OF TECHNOLOGY



2001: A SPACE ODYSSEY

THE AGE OF APPS



FEATURES

- Picture Attachments!!!!
- Instant Access and Updates
- Web / Map access for site questions.



FEATURE CLASSES

- BMP Details and Measurable Goals
- Facility Inspections
- Construction Sites and Inspections
- Post Construction Sites and Inspections
- Water Quality Monitoring Sites and Inspections
 - Biological
 - Chemical
 - Bacteria
 - Physical
 - RASCAL
- Violations and Citizen Complaints

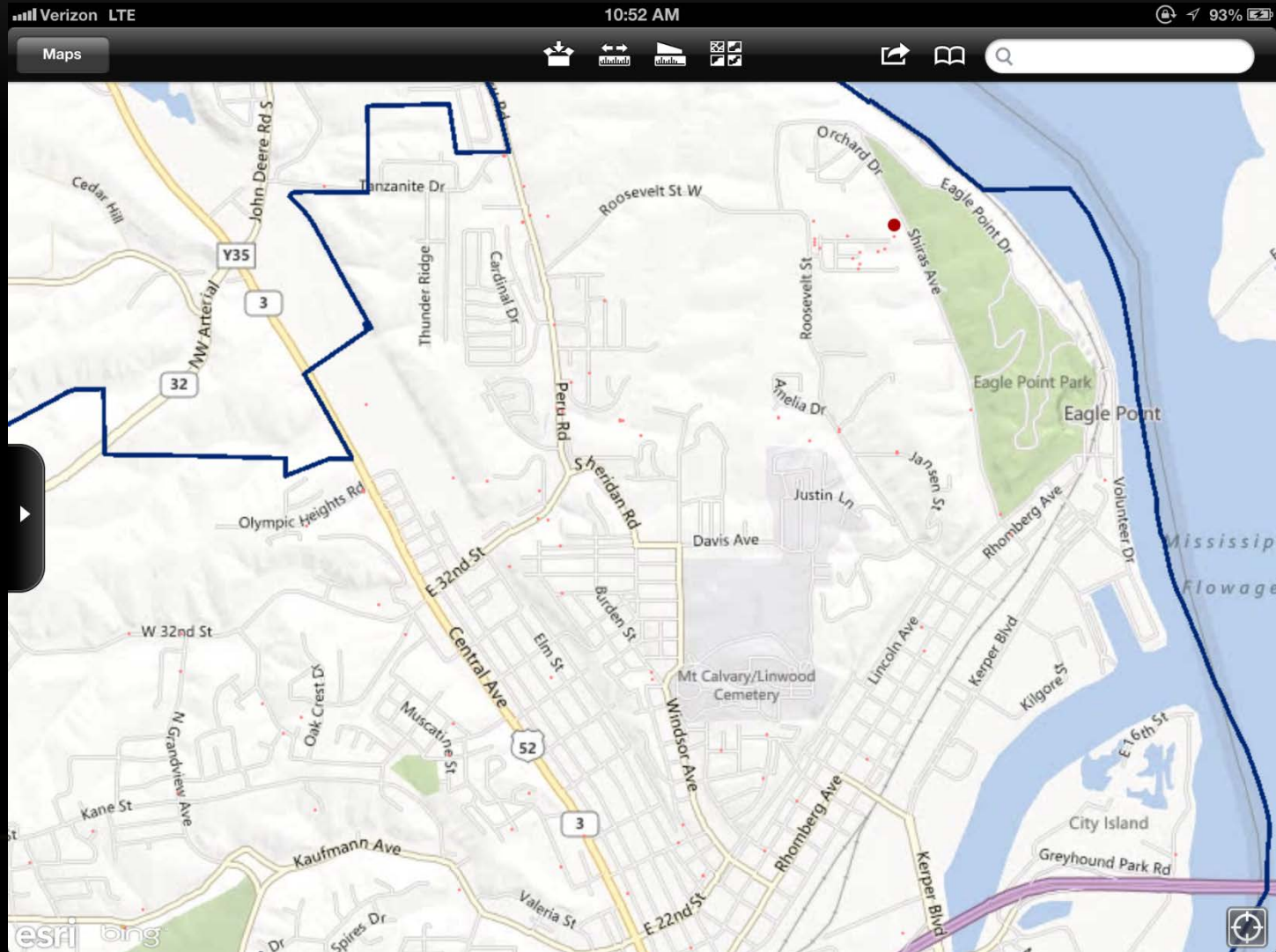


FEATURE CLASSES

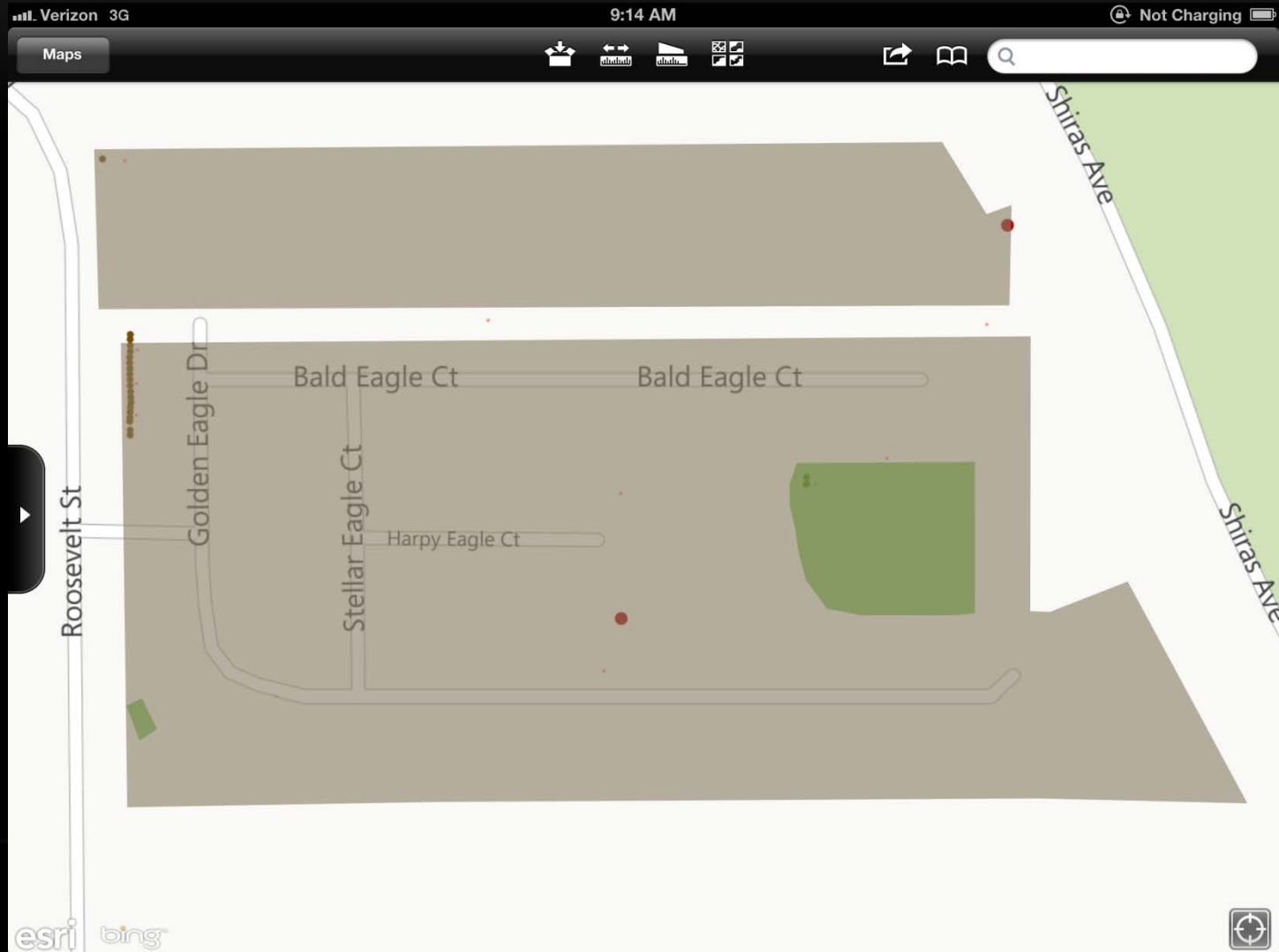
- Pull Down Lists (Domains)
 - Site Names
 - Inspector
 - Weather
 - Inspection Type
 - Date / Time
 - Permit Term Inspected
 - All Other Applicable Inspection Data
- Other Items
 - Notes
 - Pictures



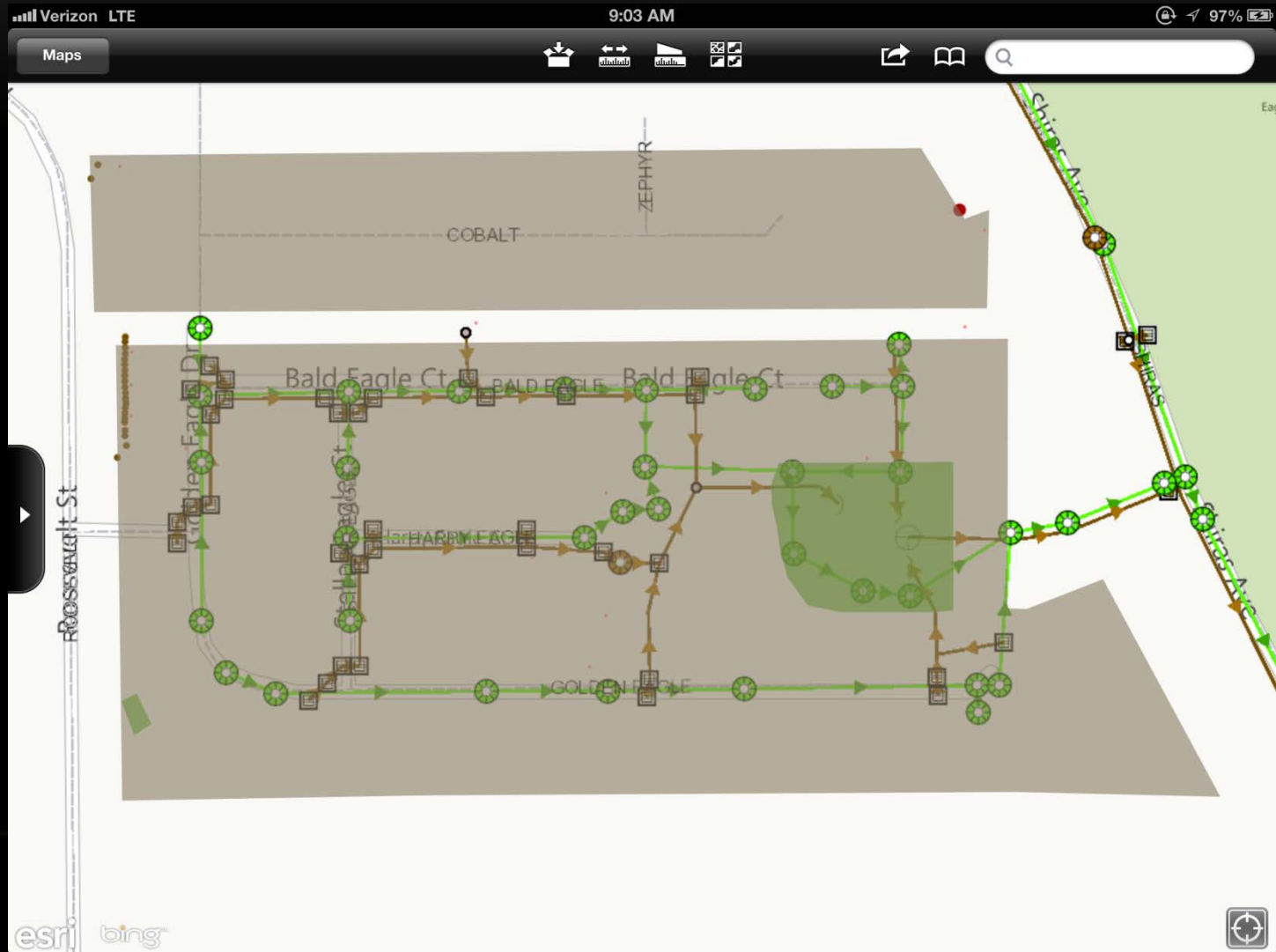
MAPPING



MAPPING



MAPPING



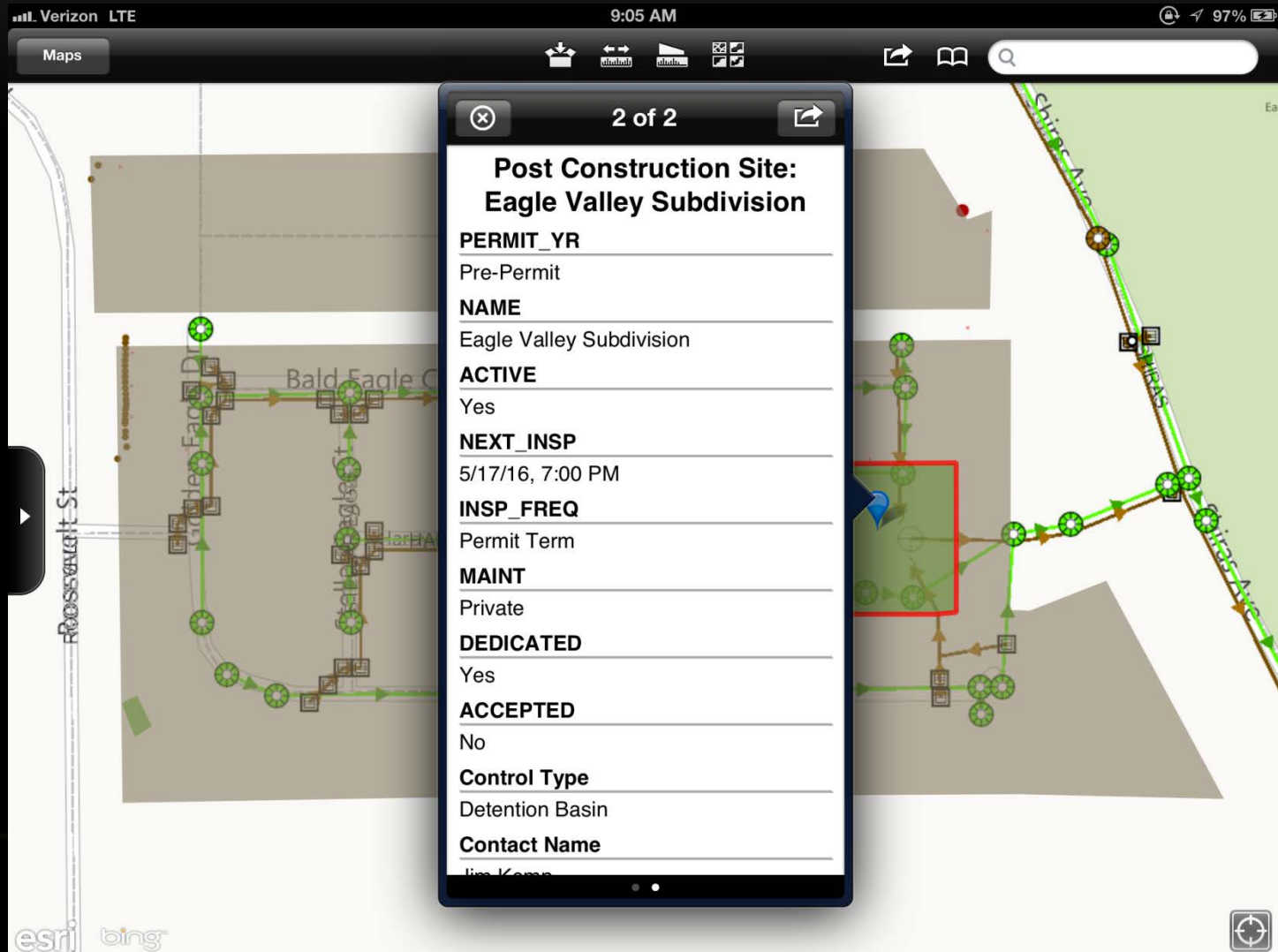
MAPPING



MAPPING



MAPPING



MAPPING



MAPPING

Verizon 3G 9:16 AM Not Charging

Cancel

Construction Site Inspection:

NAME

DATE_

INSPECTOR

INSP_TYPE

ACTIVE

PERMIT

SWPPP

CONTROLS

TRACKING

WASTE

DISCHARGE

Attributes Attachments

Use the GPS or tap on the map to add a point

Cancel NAME Done

10th St Parking Ramp ✓

32nd Street Detention

3338 Center Grove

Alliant Energy

Alpine Park / Emerald Acres

Applewood III Apartments

Arbor Estates III

Arrowhead

Art's Way

Assisted Senior Living - Cedar Lake

Black Hills Energy

Carver Heights

Map navigation controls

MAPPING

Verizon LTE 9:13 AM 97%

Maps 4 of 6

Construction Site
Inspection: Eagle Valley Sub

NAME
Eagle Valley Sub

DATE
7/10/12, 7:00 PM

INSPECTOR
Ryan Hosch

INSP_TYPE
Random

ACTIVE
Yes

PERMIT
Yes

SWPPP
Passed

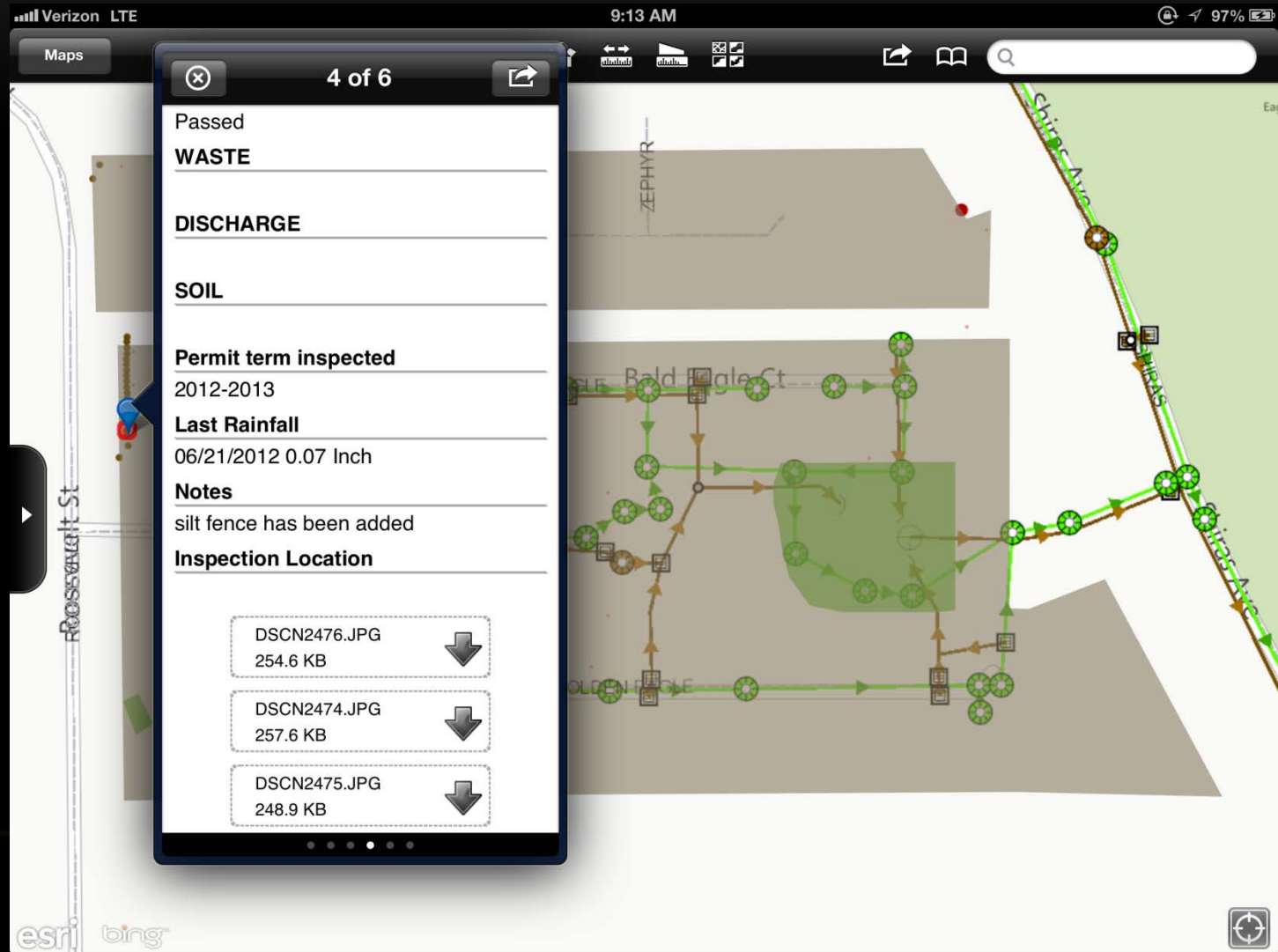
CONTROLS
Passed

TRACKING
Passed

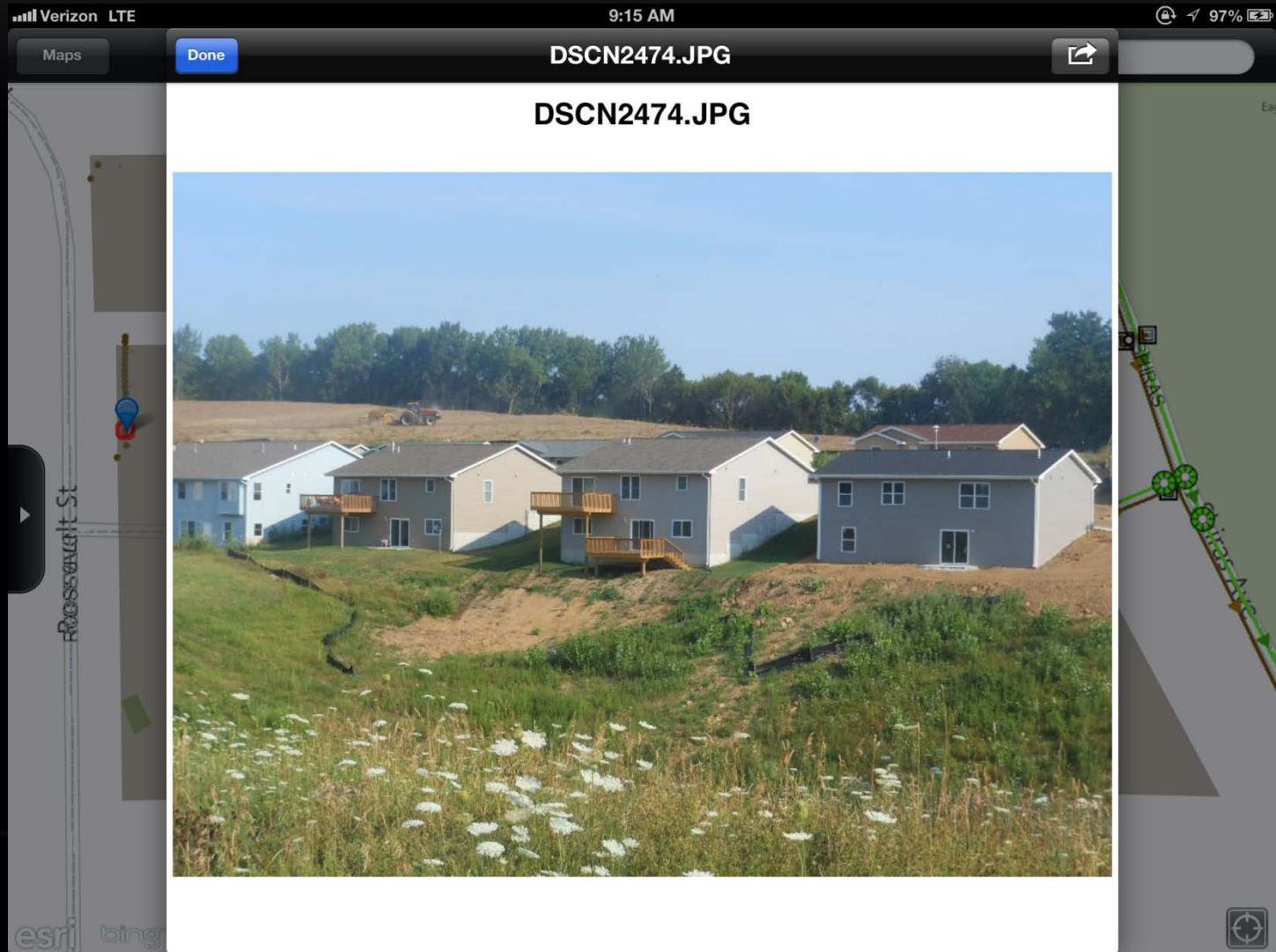
WASTE

esri bing

MAPPING



MAPPING



MAPPING

Verizon LTE 10:50 AM 94%

Maps

Violation Inspection: Web QA

DATE
10/3/10, 7:00 PM

CALL_NAME
Web QA

VIOL_NAME
Rod Conrad

PHONE
[580-7232](tel:580-7232)

Initial Report
Mud on steps near construction area.

VIOL_TYPE
Citizen Complaint

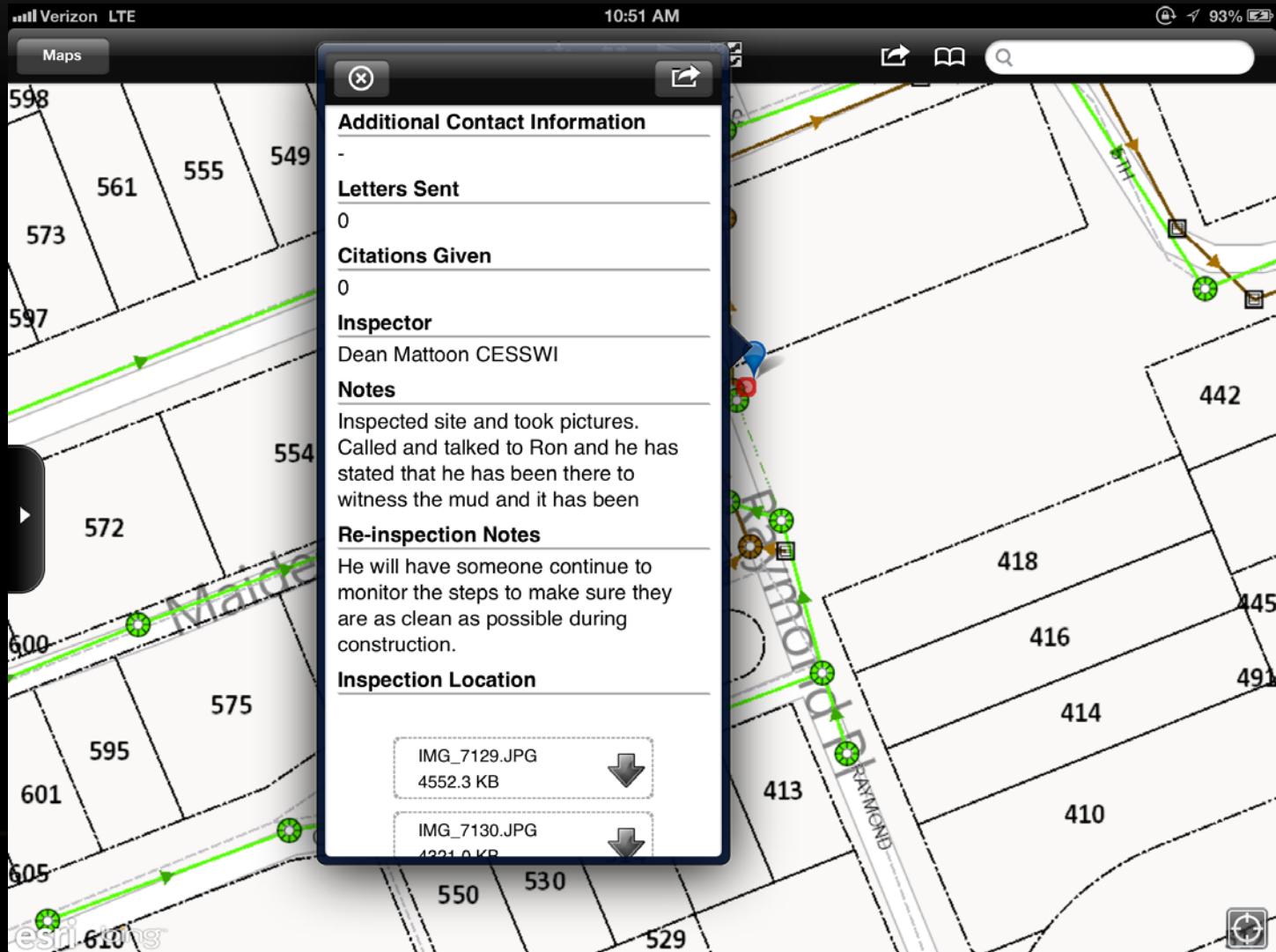
RESOLVED
Yes

Permit term of inspection
2010-2011

Amount Fined
0

Due Date

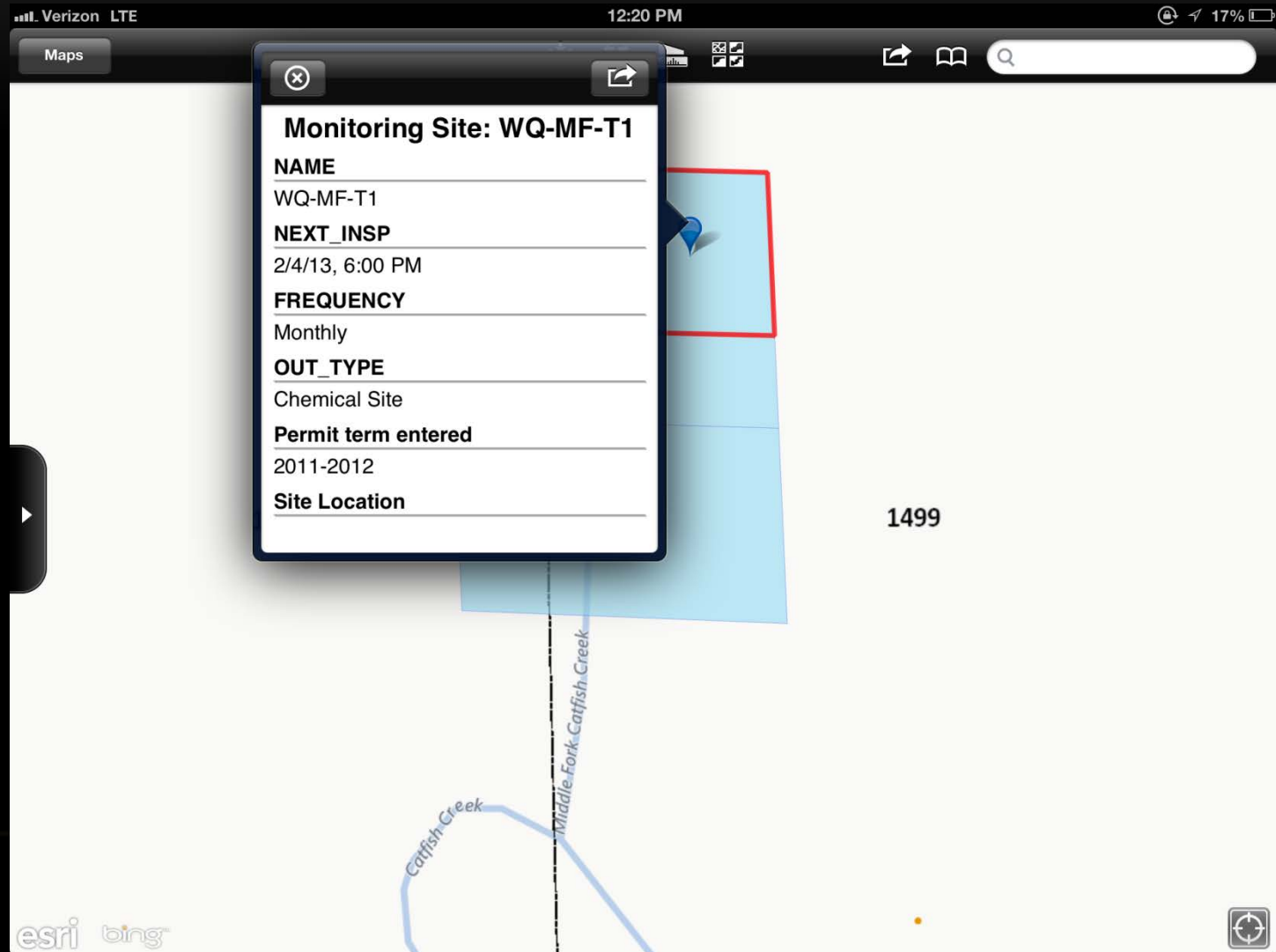
MAPPING



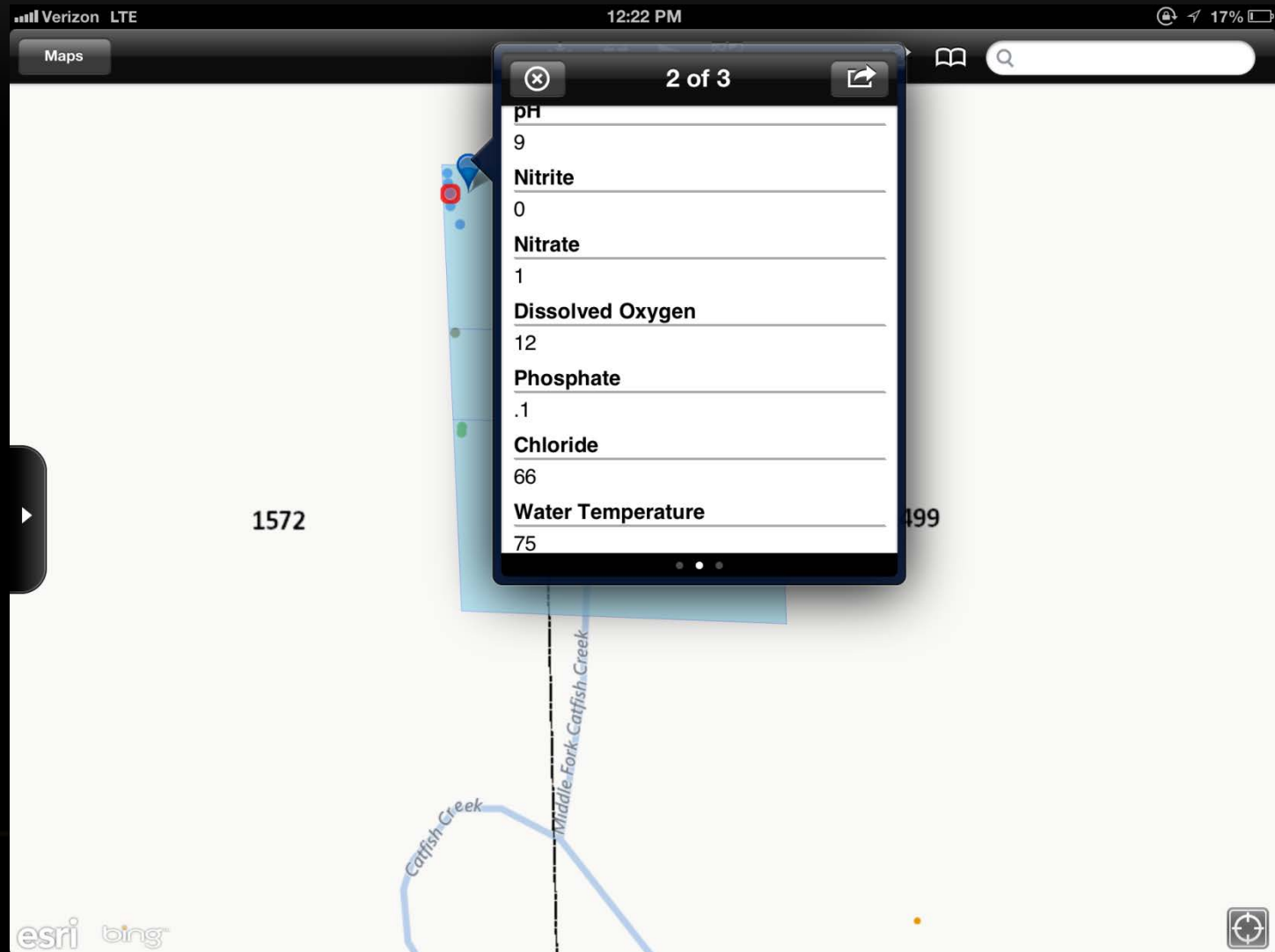
MAPPING



MAPPING

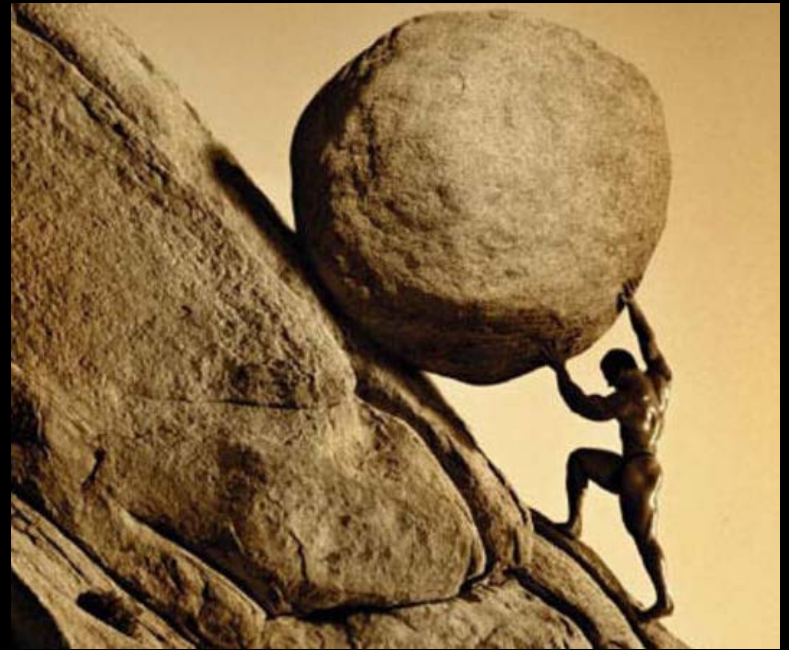


MAPPING



CURRENT ISSUES

- No Query Capability in Field
 - Utilizing GoToMyPC
- No Inspection Due Dates in Field
 - Utilizing GoToMyPC
- Need Programming Capability



QUESTIONS?

