



# RILTC's New Mapping Toolbox

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## RHODE ISLAND LAND TRUST COUNCIL

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Special thanks to:

- Rhode Island Conservation Stewardship Collaborative
- Esri Conservation Program Grant





# Collector

for ArcGIS®

[Sign In with ArcGIS Online](#)

[Sign In with ArcGIS Enterprise](#)

[No account? Try it](#)

Cancel

arcgis.com

AA ↻

Collector for ArcGIS wants to access your ArcGIS Online account information ?

Sign in with



ArcGIS login ^

Sign In

[Forgot username?](#) or [Forgot password?](#)

Enterprise login v

Facebook

Google

[Privacy](#)





# Maps

Search

## Current



Land Water Summit Demo 2020

Offline areas



## My Maps



GPS receiver attributes demo

Mar 5, 2020



## Groups



Land and Water Summit Demonstration

1 Map



GPS accuracy 20 ft



GPS accuracy 18.2 ft



Cancel

Collect

Filter

MONITORING LOCATIONS

New Feature

FIELD NOTE (POINT)

New Feature

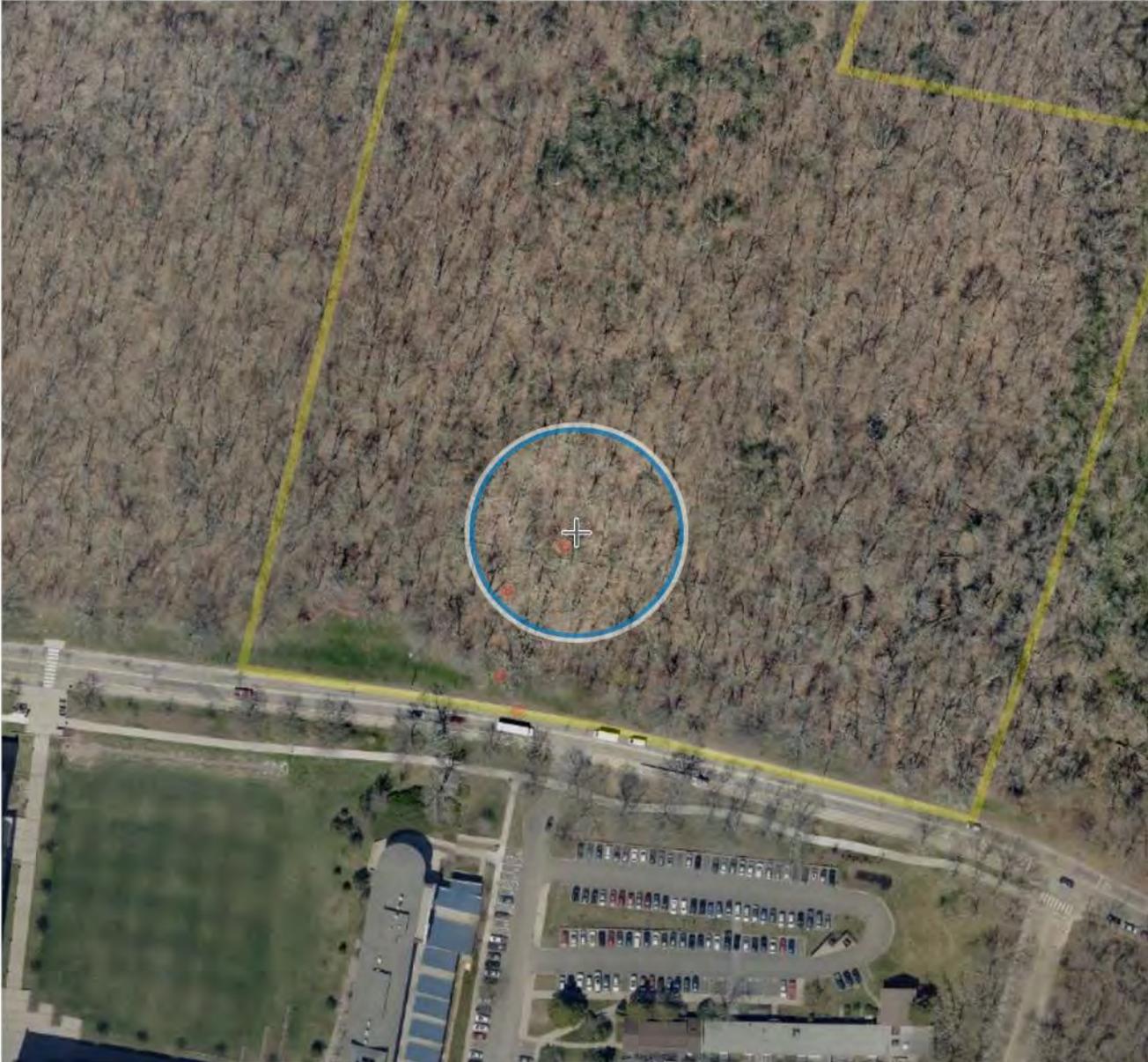
FIELD NOTE (LINE)

New Feature

FIELD NOTE (AREA)

New Feature

GPS accuracy 15.1 ft



Cancel

Collect

Submit

### Points

No valid location

Stop Averaging



Take Photo



Attach



Property Name / ID

Name of Observer

Description

Notes

Camera Facing Direction

Filter

Cancel

No Value



21-17

Benson

Bridgetown Salt Marsh

Butcher Woods

Ferren's Woods

Gardiner Woods

Garrison House

Hammond Farm South

Huff Woods

1.8 ft



Cancel

Collect

Submit

### Points

No valid location

Stop Averaging



Take Photo



Attach



Property Name / ID

Name of Observer

Description

Notes

Camera Facing Direction

Filter

Cancel

No Value



Pete August

Greg Bonyng

Alex Chuman

Rupert Friday

Carol Trocki

other

1.6 ft



Cancel

Collect

Submit

Points

No valid location

Stop Averaging



Take Photo



Attach



Property Name / ID

Name of Observer

Greg Bonyng

Description

Notes

Camera Facing Direction

Filter

Cancel

No Value



Construction/New Improvement

Dumping

Topography Change

Mowing or Vegetation Removal

Vehicle or Equipment Disturbance

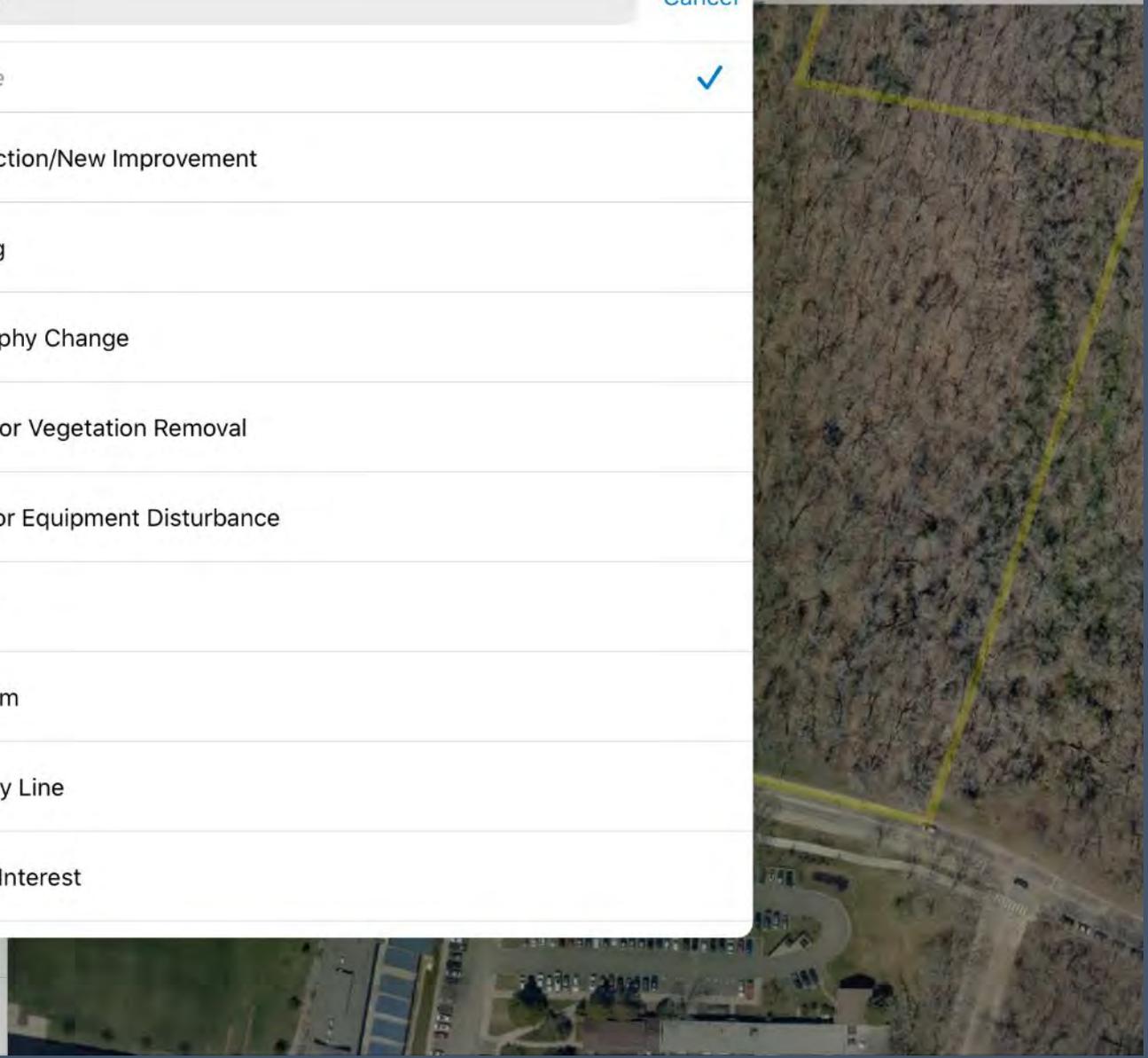
Storage

Vandalism

Boundary Line

Point of Interest

3.7 ft





PHOTO

Cancel

Cancel

Collect

Submit

Points

41.491034°N 71.525765°W

Start Averaging



Take Photo



Attach



Property Name / ID

Name of Observer

Greg Bonyng

Description

Construction/New Improvement

Notes

construction flagging

Camera Facing Direction

East

Q Filter Cancel

No Value

North

Northeast

East

Southeast

South

Southwest

West

Northwest

All (NESW)



## Next Steps...

- Save your work!
- Collect your next point... save it... and so on.
- NO mobile data connection needed

Cancel

Collect

Submit



Line layer

Length 303 ft

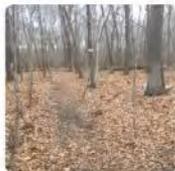
Stop Averaging



Take Photo



Attach



Property Name / ID



Name of Observer

Pete August



Notes

hiking trail

Averaging 6 of 30 · GPS accuracy 12.4 ft



2:04 PM Fri Mar 6

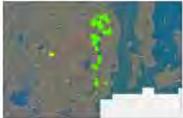
78%

< Maps

Land Water Summit Demo 2020

⋮

Current



Summit 2020 demo

44.5 MB · Just Now

⋮

Sync

Rename Area

Remove Area

- ***All of your work is stored on the iPad until...***
  - the iPad is connected to a wifi network and,
  - the Land Trust re-opens Collector and deliberately syncs the iPad with ArcGIS Online.



### Featured Maps



**Aerial Photos & Topo Maps**

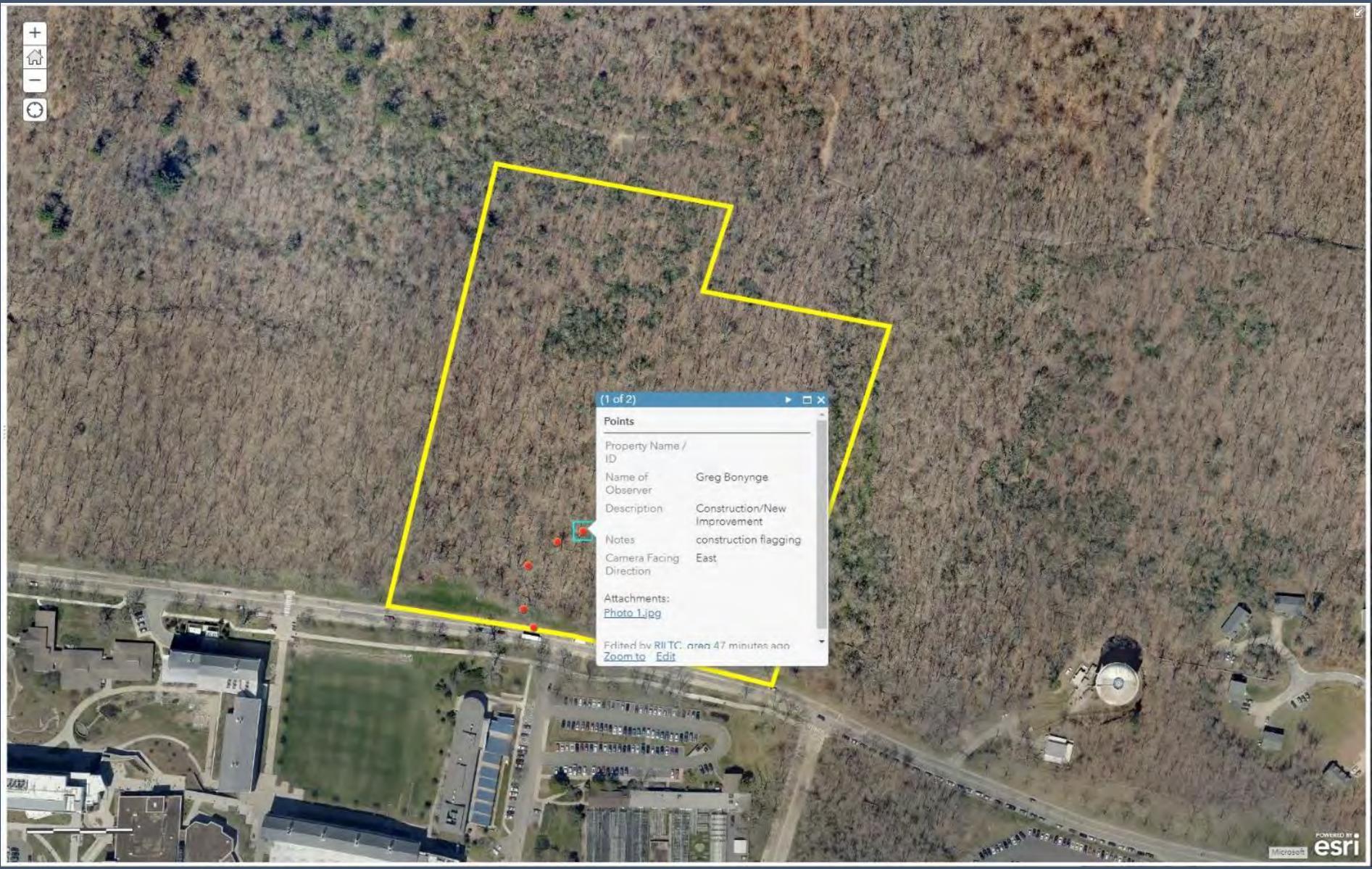


**Environmental Resource Map**

<https://rilandtrusts.maps.arcgis.com>

Currently *not* accessible by the general public.





(1 of 2)

**Points**

Property Name / ID	
Name of Observer	Greg Bonyng
Description	Construction/New Improvement
Notes	construction flagging
Camera Facing Direction	East

Attachments:  
[Photo 1.jpg](#)

Edited by RII TC: 47 minutes ago  
[Zoom to](#) [Edit](#)



Monitoring Locations



1 / 1

Points

Property Name / ID

No content available.

Name of Observer

Greg Bonyng

Description

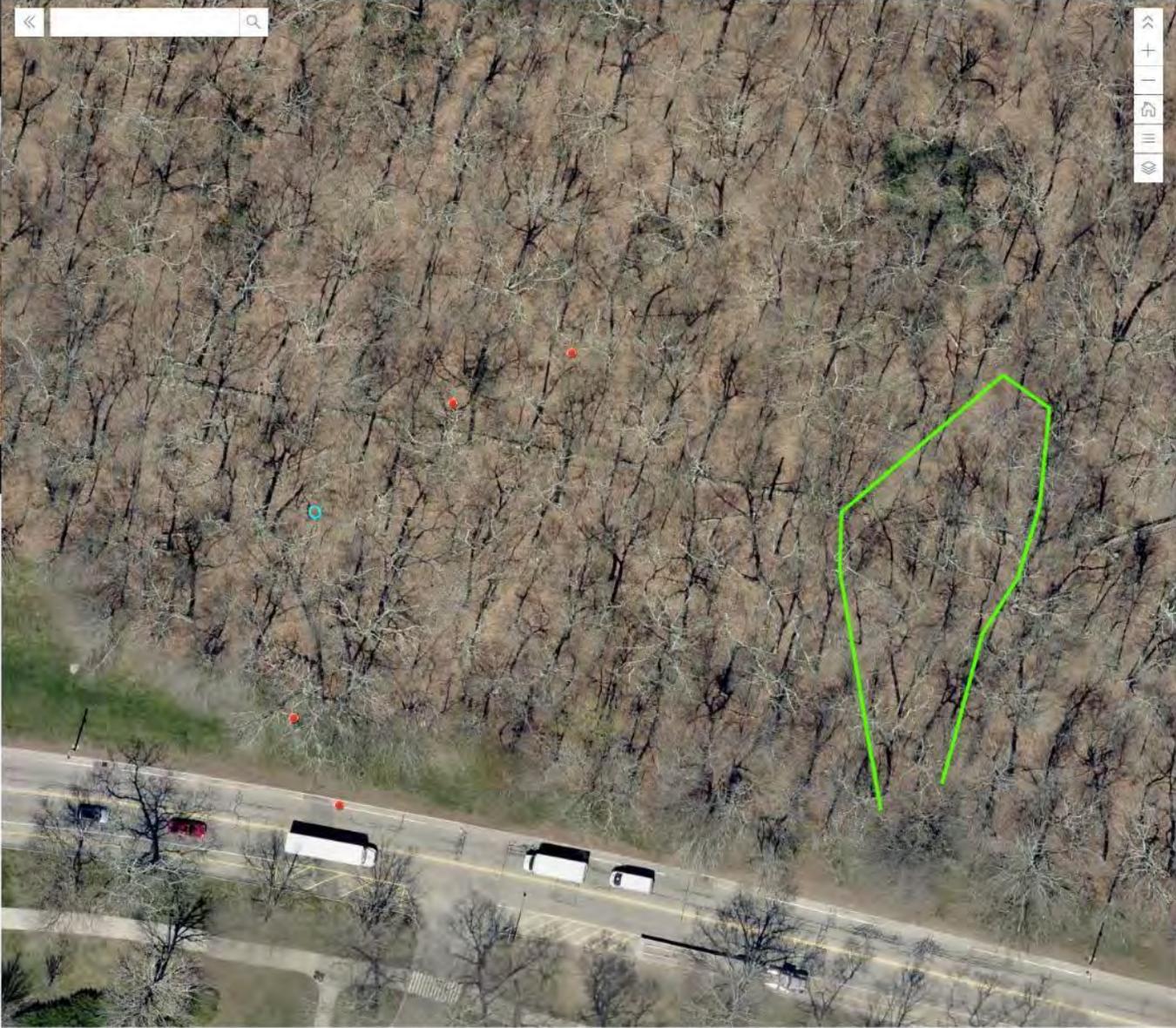
Mowing or Vegetation Removal

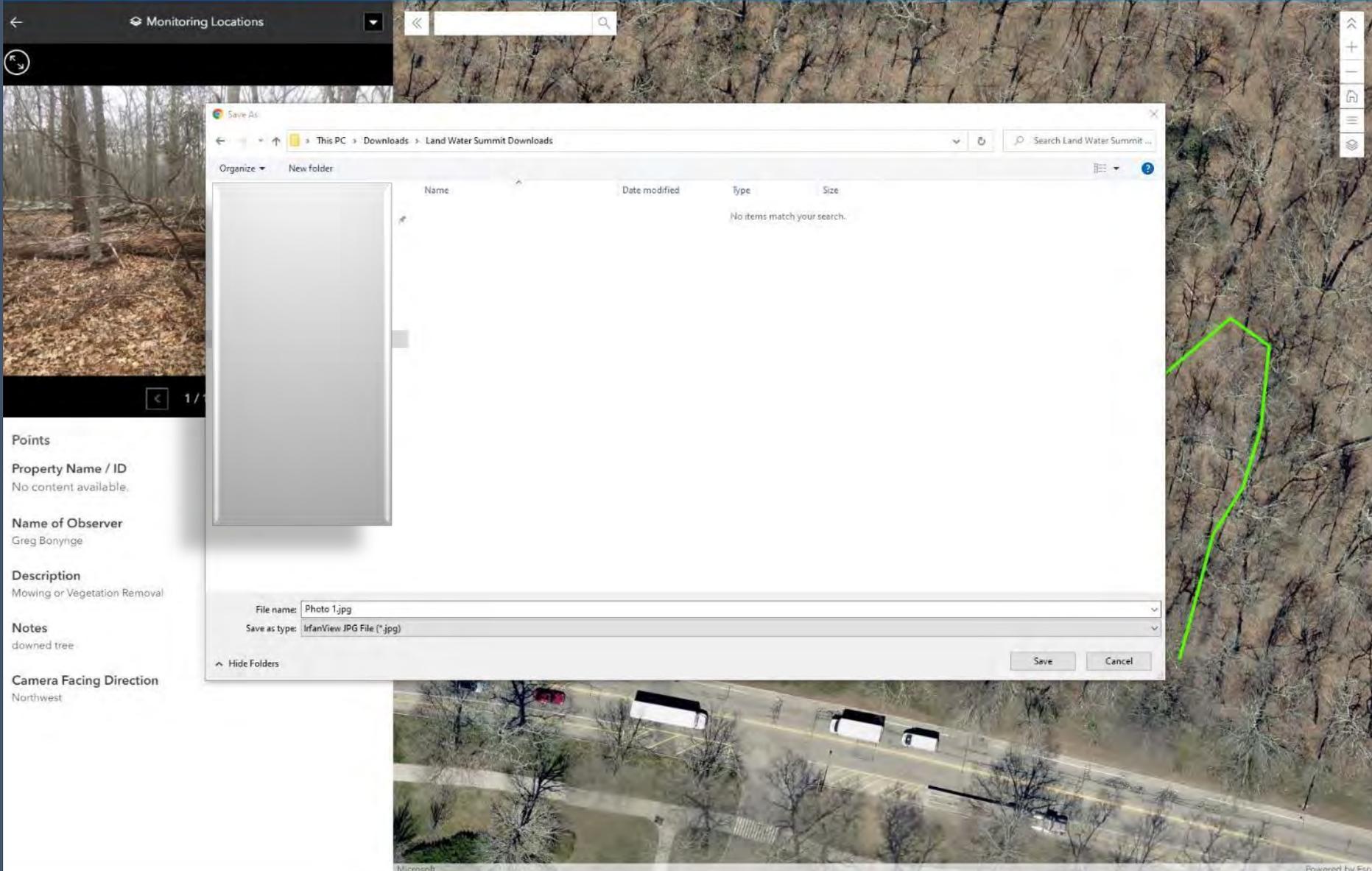
Notes

downed tree

Camera Facing Direction

Northwest





Monitoring Locations



1 /

Points

Property Name / ID

No content available.

Name of Observer

Greg Bonyrige

Description

Mowing or Vegetation Removal

Notes

downed tree

Camera Facing Direction

Northwest

Save As

This PC > Downloads > Land Water Summit Downloads

Search Land Water Summit ...

Organize New folder

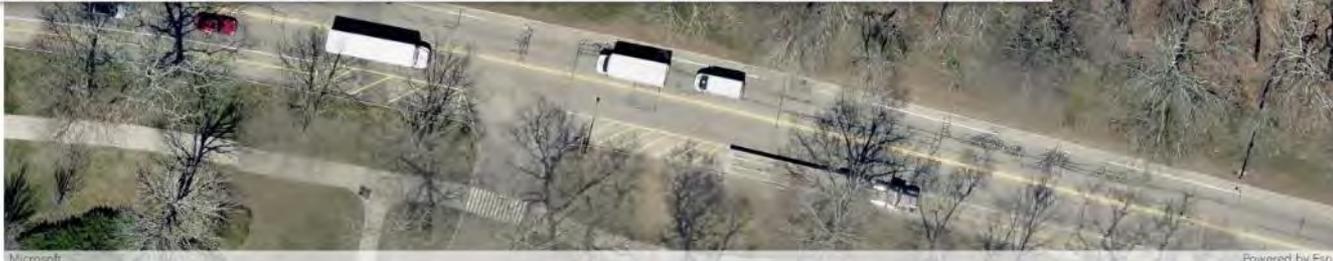
Name	Date modified	Type	Size
No items match your search.			

File name: Photo 1.jpg

Save as type: IrfanView JPG File (\*.jpg)

Hide Folders

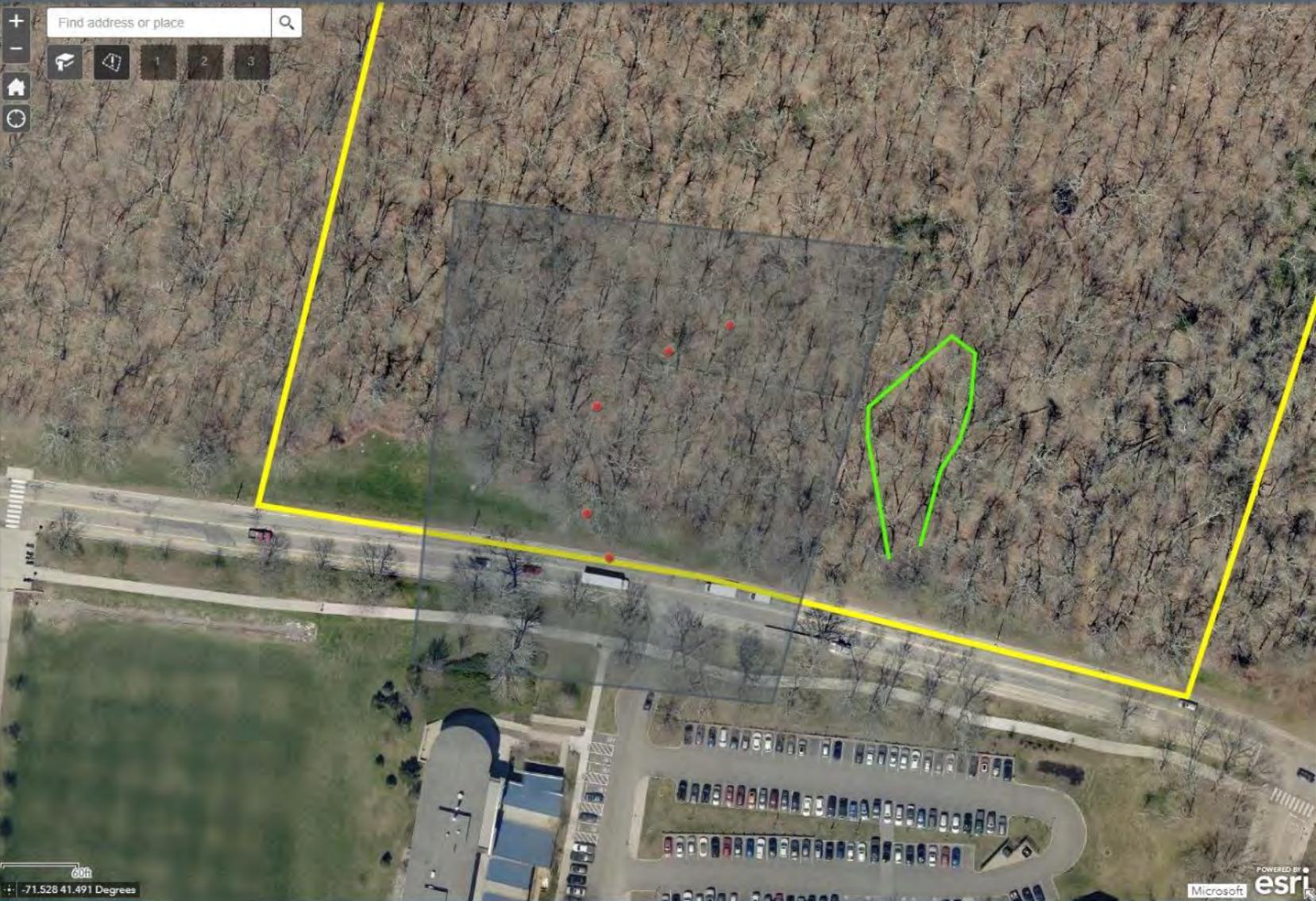
Save Cancel



Find address or place

+  
-  
Home  
Refresh

1 2 3



60ft  
-71.528 41.491 Degrees

Monitoring Point

Locate Monitoring Point Start Over

Buffer Distance  
0 Miles

### Description (Grouped Counts)

COUNT	Construction/New Improvement	Mowing or Vegetation Removal	Natural History Observation	Point of Interest
5	1	1	1	2

### Description

Property Name / ID	Name of Observer	Camera Facing Direction	Description	Notes
	Greg Bonyngge	Northwest	Mowing or Vegetation Removal	downed tree
	Greg Bonyngge	West	Natural History Observation	interesting rock
	Greg Bonyngge	East	Construction/New Improvement	construction flagging
	Greg Bonyngge	All (NESW)	Point of Interest	fire hydrant
	Greg Bonyngge		Point of Interest	stone wall

# How to Bulk Download Photos?

- We're exploring options.
  - Easiest method... download directly from iPad via iTunes.
  - Advanced method... via Esri ArcGIS Pro.

## Let's Talk About Boundaries...

- Common sources for boundary data.
- RILTC will help review them and publish to ArcGIS Online.
- All boundaries published by RILTC are only APPROXIMATE and are **NOT authoritative**. *If you need more accurate products, consult a licensed professional land surveyor.*

# Possibilities!

- Embed simple maps on your Land Trust website
- Custom web applications
- Storymaps
- Collect, analyze, and share more data!
  - User surveys (e.g. how was your visit today?)
  - User incident reports (e.g. trash pile found on property)
  - Trail maps
  - Signage locations and conditions
  - Natural history data
  - What are YOUR ideas?

Contact Rupert Friday to get started!

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401-932-4667

<https://www.rilandtrusts.org>

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