



GIS Successes at LDS

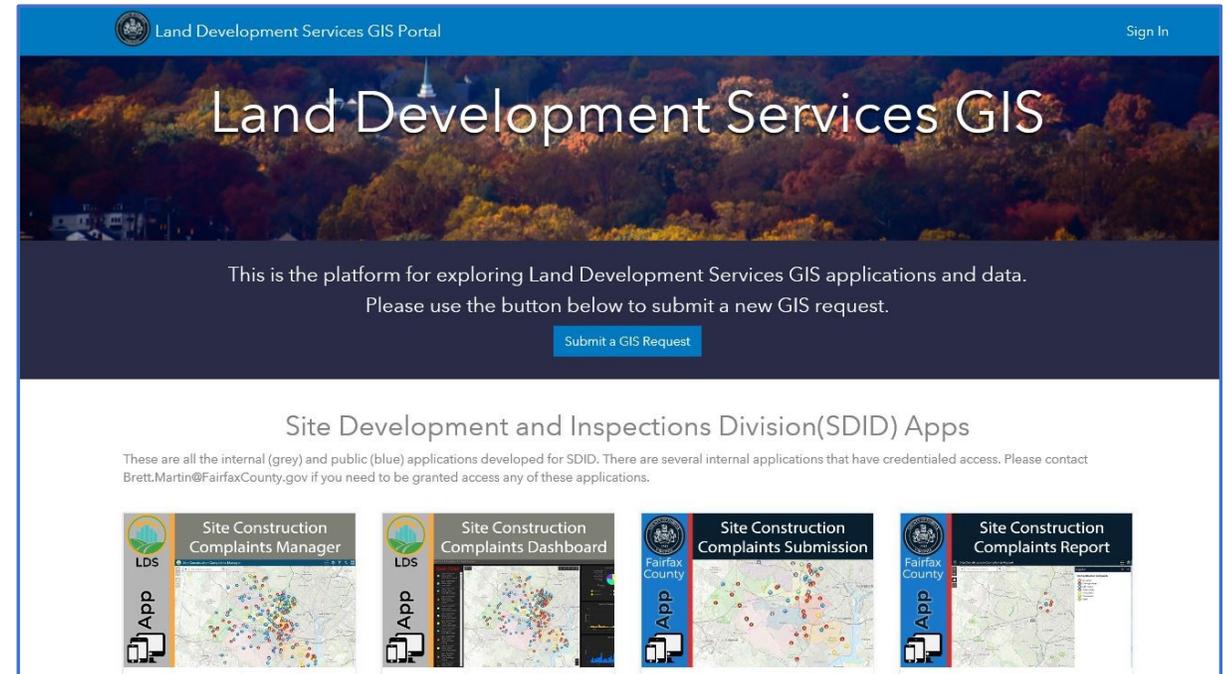
Item Type: Update

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Background

- LDS GIS program kicked off in April 2018
- Implemented Site Construction Complaints System
- Type of Construction Viewer
- Plan Review Tool



Site Construction Complaints

- Any activities that harm environment, cause safety risks or damage another property
- Malfunctioning erosion controls
- Drainage problems
- Tracked mud on roadway
- Construction activity within a tree-save area



Site Construction Inspection Statistics

- 30 Site Inspectors
- 1641 active construction sites
- 44,196 inspections performed in 2018
- 302 site construction complaints thus far in 2019



Legacy System (Old Method)

- No spatial reference to analyze trends
- Public report not user friendly
- Difficult to research complaint history
- Ambiguous location descriptions provided to inspectors

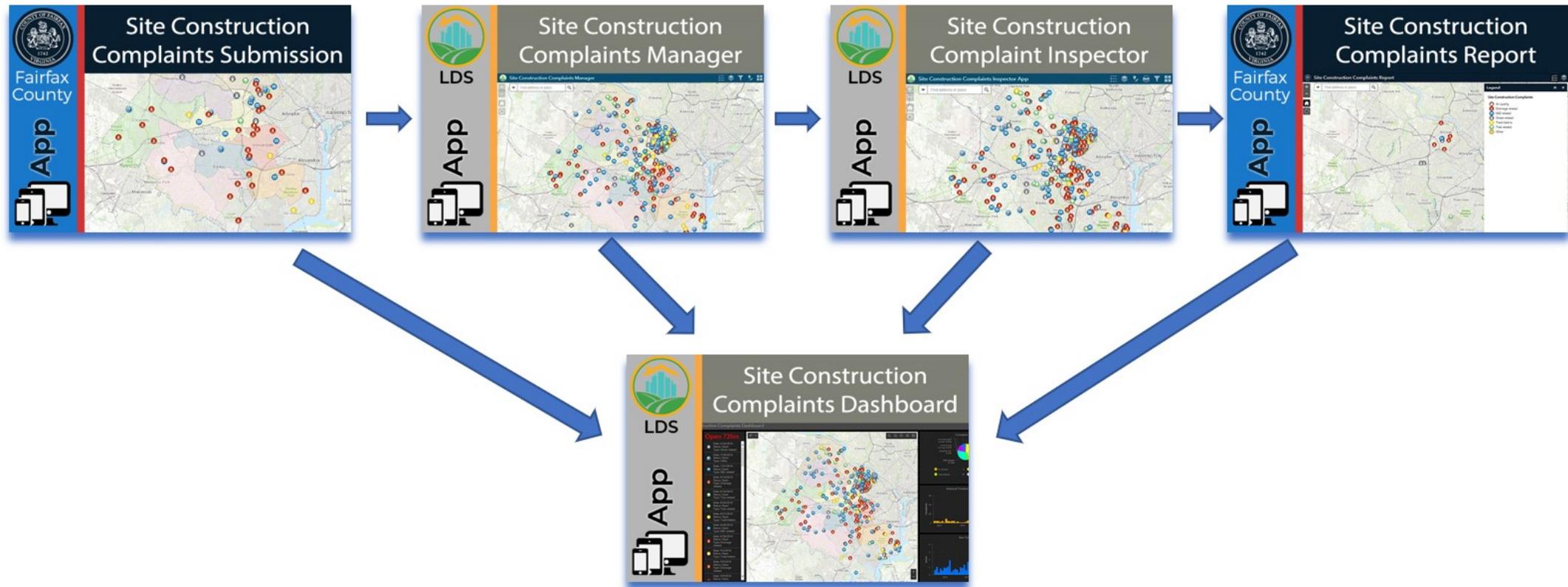
Site Construction Hotline Submission

This form is no longer in use for reporting construction related complaints.

Please use our new application. Please use our new application.

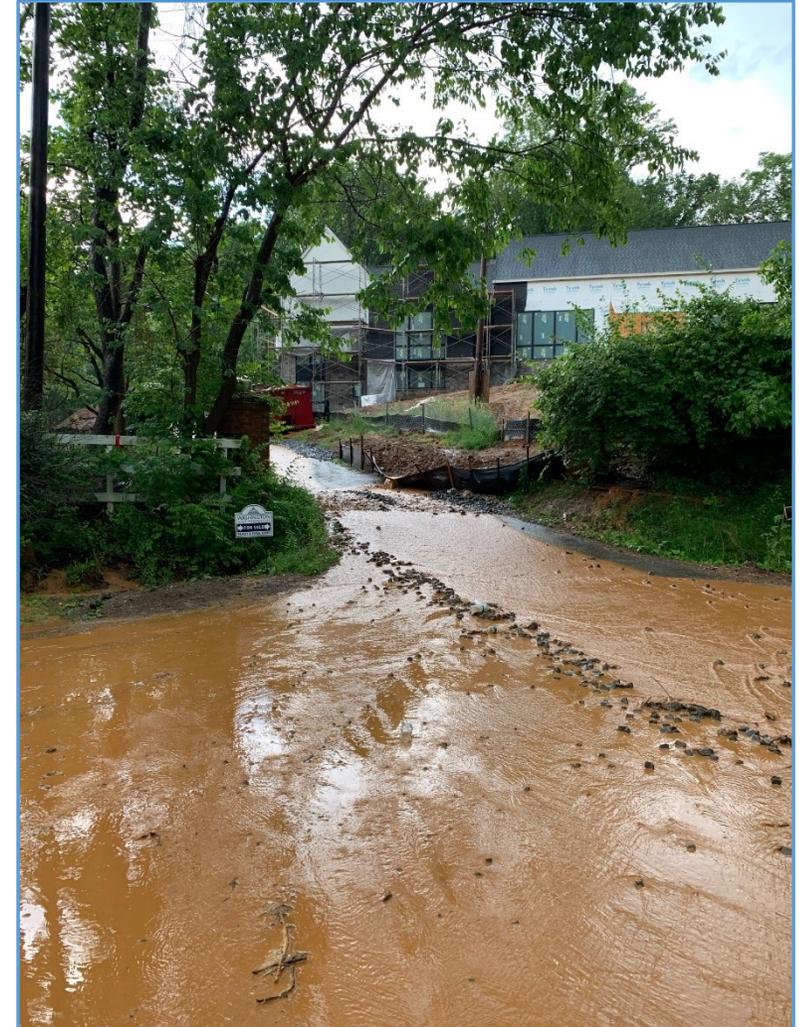
First Name (optional)	Last Name (optional)
<input type="text"/>	<input type="text"/>
E-Mail Address (optional)	Phone Number (optional)
<input type="text"/>	<input type="text"/>
Incident Location/Address	Type of Complaint *
<input type="text"/>	<input type="radio"/> Please select a value... <input type="radio"/> Specify your own value: <input type="text"/>
Magisterial District	
<input type="text"/>	
Description	
<input type="text"/>	
Attachments (file size cannot exceed 100MB)	Add Attachment
<input checked="" type="checkbox"/> Check this box if you wish to submit this complaint anonymously. Information submitted to this form will be reviewed and may be published to the Fairfax County website for reporting purposes. If this box is unchecked, your name may be included in the report.	
<input type="button" value="Cancel"/>	

New Site Construction Complaints System



Site Construction Complaints Submission App

- Public online form
- Consistent format of data entry
- Pinpoint location on a map
- Enables efficient processing by LDS staff



Site Construction Complaints Manager App

- Enter new complaints
- Screen complaints before public release
- Transfer complaints to appropriate agency
- Assign the complaint to the appropriate inspector



Site Construction Complaints Dashboard

- Visual snapshot of complaints in real time
- Available to internal County staff
- Facilitates analysis of trends



Benefits of GIS System

- Provides quicker service and tighter spatial reference
- Helps alleviate environmental issues on adjacent properties
- Customer friendly service



Additional LDS GIS Applications

- [LDS GIS Homepage](#)
- [Type of Construction Viewer](#)
- [Plan Review Tool](#)



Questions

