Mobile GIS Tools for Stormwater Quality Management

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Covering your Assets with Mobile Utility Mapping

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Grand Rapids

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Mark Butler



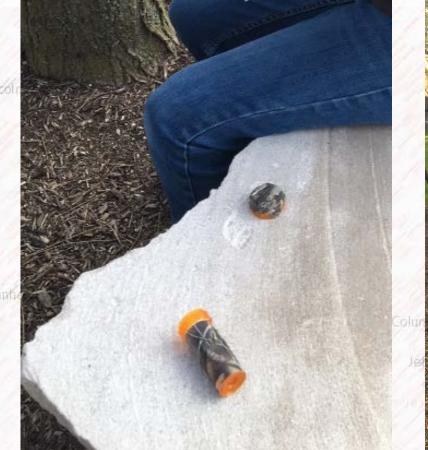
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Side City



Geocaching









Wichita

Salina



http://www.brassbinnacle.com/Pirate-Treasure-Chest_p_1842.html



VERVERENCE Grand Rapids Treasure Hunt South Ben A CHAN **INAFSM 2018** ANNUAL CONFERENCE SEPT. 5-7 · EVANSVILLE, INDIANA

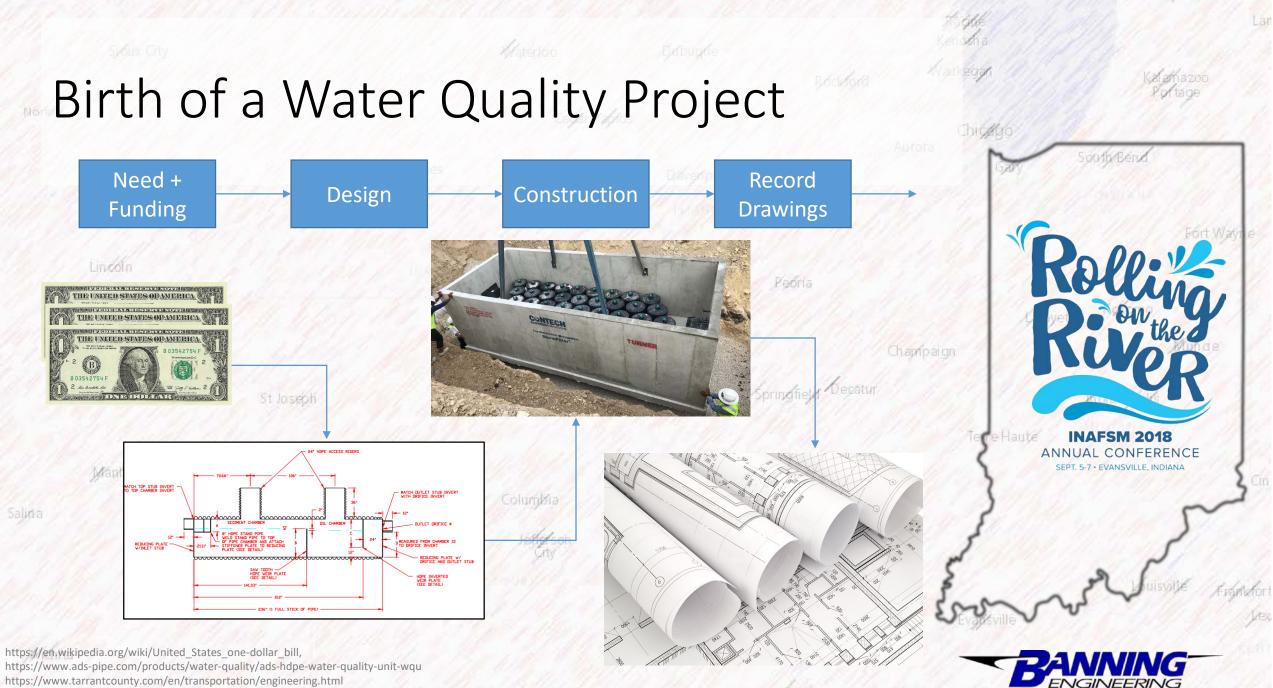
More Hunting.....less Finding



http://www.brassbinnacle.com/Pirate-Treasure-Chest_p_1842.html

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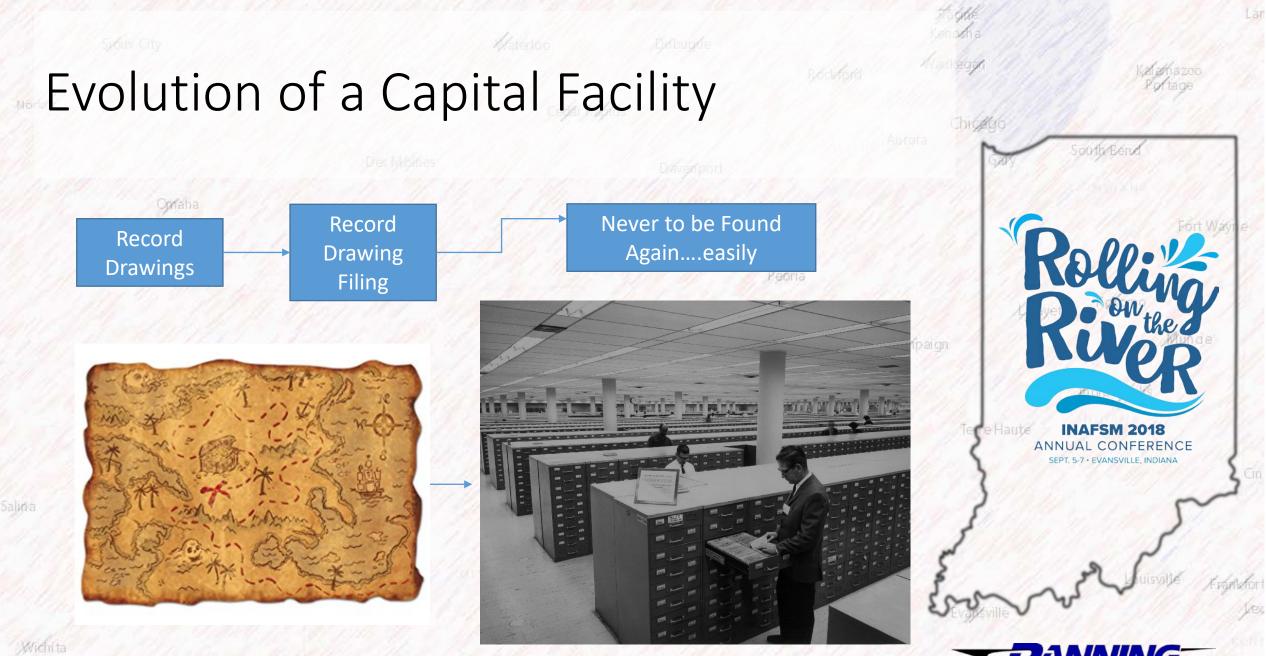
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https://www.conteches.com/Stormwater-Management/Treatment/Stormwater-Management-StormFilter

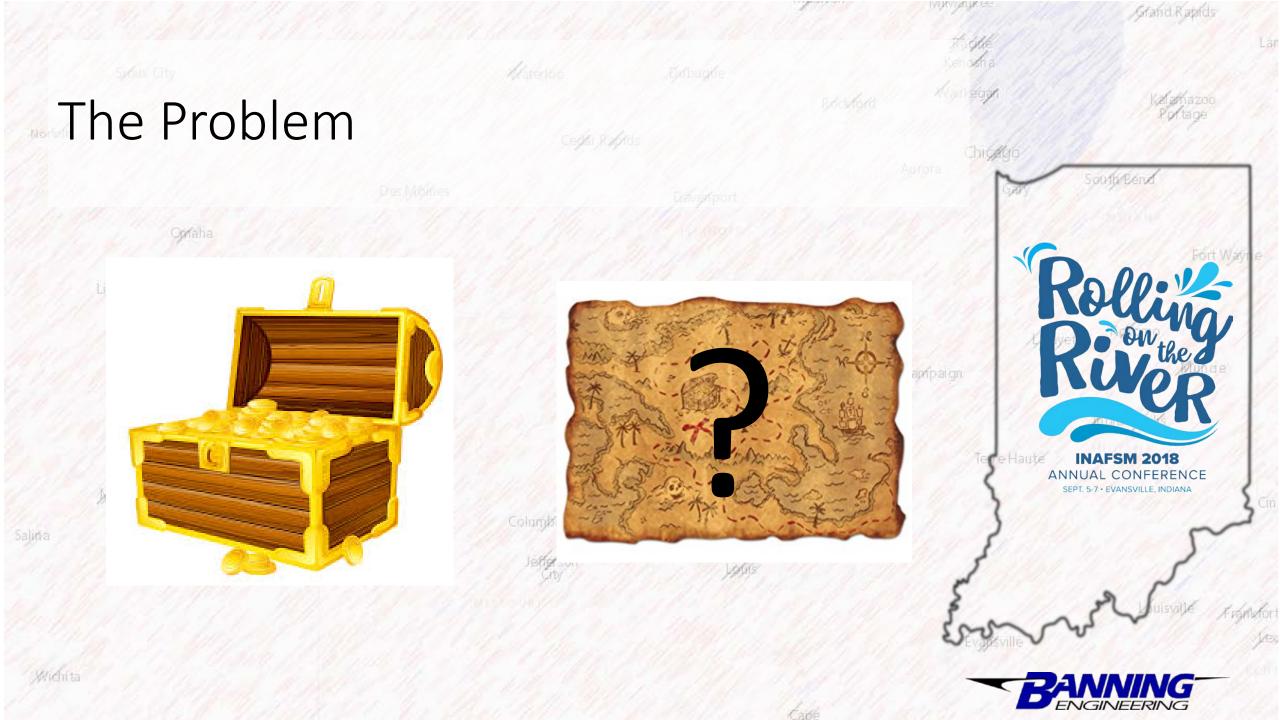


https://medium.com/neuroscience-internet/how-to-make-edits-to-the-search-engine-ofyour-mind-194fe84b571a



VURVERINGE

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For Comparison



Treasure Hunt for BMP units

"Geocaching" for BMP units



Grand Rapids

VERVER

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NUMBER Grand Rapids The Process: Overview South Ben Opraha Setup Arc Create a BMP **GIS Online** Map BMPs Inspect Web Map Account Champaign: Quincy **INAFSM 2018** Haute Arc**GIS** Online ANNUAL CONFERENCE SEPT. 5-7 · EVANSVILLE, INDIANA esr CEVICIPAED FUNC

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ArcGIS Online Account

Website: https://www.arcgis.com/home/index.html

- Security
- Cloud space
- Credits

Setup Arc

GIS Online

Account

- Access to Mobile Apps
- Level 2 User = \$500/year

Create a BMP

Web Map



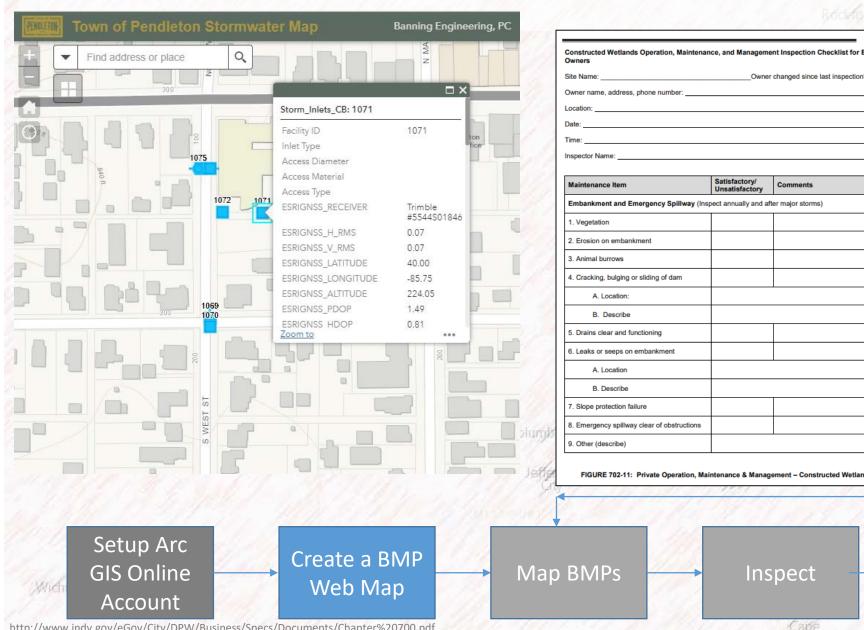
Inspect

Map BMPs





Create a BMP Webmap



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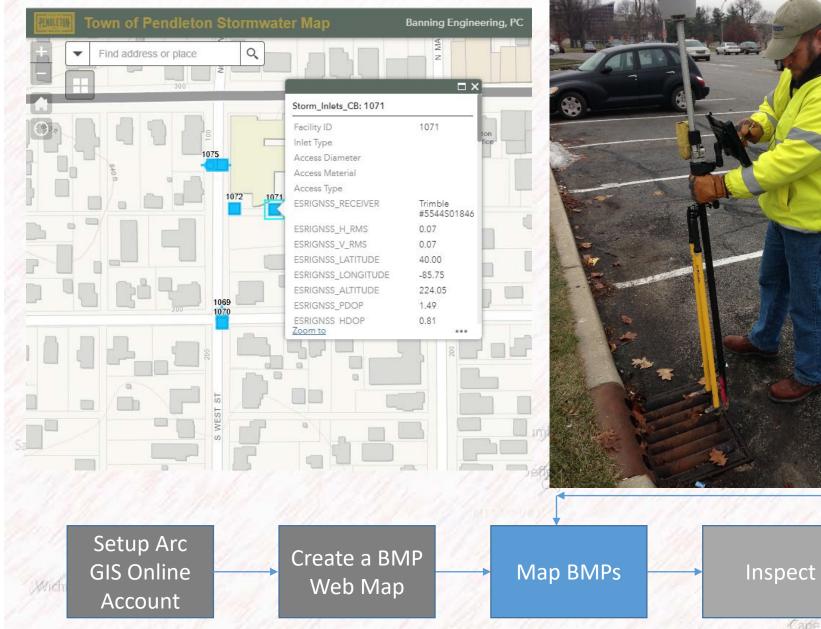
Grand Rapids

South Ben

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ENGINEERING

Map the BMPs



Routine Inspections





Inspect

Capp

Map BMPs





http://stormwaterworks.blogspot.com/2010/06/terrekleen-bydrodynamic-separator.html

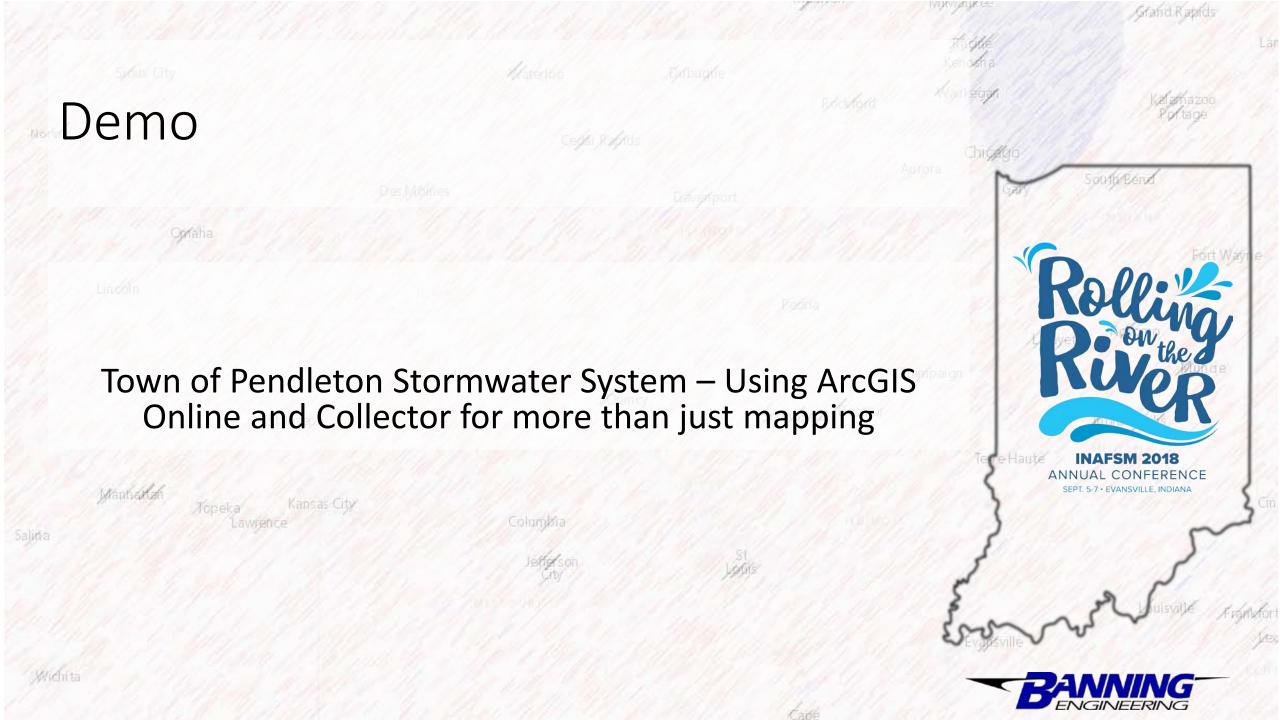
Create a BMP

Web Map

Setup Arc

GIS Online

Account



Questions?

Mark Butler, PE Project Manager Banning Engineering mbutler@banning-eng.com (317) 707-3735





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