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 3\textsuperscript{RD} 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
<table>
<thead>
<tr>
<th><strong>Site Name</strong></th>
<th>Eagle Valley Sub</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Next Inspection Date</strong></td>
<td>5/9/13, 7:00 PM</td>
</tr>
<tr>
<td><strong>Site Type</strong></td>
<td>Residential Subdivision</td>
</tr>
<tr>
<td><strong>Inspection Frequency</strong></td>
<td>Quarterly</td>
</tr>
<tr>
<td><strong>Site Approved?</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Reviewed By?</strong></td>
<td>Dean Mattoon CESSWI</td>
</tr>
<tr>
<td><strong>Is the Site Active?</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Is the Site Complete?</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Owner Type</strong></td>
<td>Private</td>
</tr>
<tr>
<td><strong>Permit term entered</strong></td>
<td>Pre-Permit</td>
</tr>
</tbody>
</table>
### Mapping Details

**Site Approved?**
- Yes

**Reviewed By?**
- Dean Mattoon CESSWI

**Is the Site Active?**
- Yes

**Is the Site Complete?**
- No

**Owner Type**
- Private

**Permit term entered**
- Pre-Permit

**Contact Name**
- Mark Fondell

**Contact Phone**
- 563-590-3098

**Site Location**
- City of Dubuque

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**Files**

- SWPPP.pdf
  - 3294.4 KB

- toc.pdf
  - 1144.7 KB
Post Construction Site: Eagle Valley Subdivision

- **PERMIT_YR**: Pre-Permit
- **NAME**: Eagle Valley Subdivision
- **ACTIVE**: Yes
- **NEXT_INSPEC**: 5/17/16, 7:00 PM
- **INSPEC_FREQ**: Permit Term
- **MAINT**: Private
- **DEDICATED**: Yes
- **ACCEPTED**: No
- **Control Type**: Detention Basin
- **Contact Name**: Jim Kemp
MAPPING

 Permit Term
 MAINT
 Private
 DEDICATED
 Yes
 ACCEPTED
 No
 Control Type
 Detention Basin
 Contact Name
 Jim Kemp
 Contact Phone
 562-590-0406
 Inspection Required?
 Yes
 Site Location

 SWC.pdf
 49967.3 KB

 Site Plan.pdf
 1029.7 KB
MAPPING

Construction Site Inspection:

- Name:
  - 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

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

Construction Site Inspection: Eagle Valley Sub

NAME
Eagle Valley Sub

DATE
7/10/12, 7:00 PM

INSPECTOR
Ryan Hosch

INSPECT_TYPE
Random

ACTIVE
Yes

PERMIT
Yes

SWPPP
Passed

CONTROLS
Passed

TRACKING
Passed

WASTE
MAPPING

Passed

WASTE

DISCHARGE

SOIL

Permit term inspected
2012-2013

Last Rainfall
06/21/2012 0.07 Inch

Notes
silt fence has been added

Inspection Location

DSCN2476.JPG
254.6 KB

DSCN2474.JPG
257.6 KB

DSCN2475.JPG
248.9 KB
MAPPING
Violation Inspection: Web QA

DATE: 10/3/10, 7:00 PM
CALL_NAME: Web QA
VIOL_NAME: Rod Conrad
PHONE: 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

Additional Contact Information

Letters Sent
0
Citations Given
0

Inspector
Dean Mattoon CESSWI

Notes
Inspected site and took pictures. Called and talked to Ron and he has stated that he has been there to witness the mud and it has been

Re-inspection Notes
He will have someone continue to monitor the steps to make sure they are as clean as possible during construction.

Inspection Location

IMG_7129.JPG
4552.3 KB

IMG_7130.JPG
4221.9 KB
CURRENT ISSUES

• No Query Capability in Field
  • Utilizing GoToMyPC
• No Inspection Due Dates in Field
  • Utilizing GoToMyPC
• Need Programming Capability
QUESTIONS?