

gwinnettcountry



Department of
Water Resources

Stormwater BMP Module Lucity 7.6



Reasons for Needing BMP Inspection Database

- GCDWR BMP Inspection Program changed in 2012
 - Shifted focus from development to long term maintenance



BMP Inspection Program 1999-2012

gwinnettcounty



BMP Inspection Program 2012-Present

gwinnettcounty



Reasons for Needing BMP Inspection Database

- GCP&D Migrated to Accela Database
 - P&D requested an interface to prevent double data entry
 - Oracle and Accela didn't speak the same language



Reasons for Needing BMP Inspection Database

- GAEPD required GCDWR to create and implement a BMP enforcement response plan
- GAEPD wants GC to focus on more Green infrastructure and LID BMPs
 - GCDWR needs to have flexibility to create BMP specific inspection programs



Stormwater BMP Inspection Changed Again in 2012

- SWU needed the ability to track BMP credits per BMP not per development
- SWU has a vision to create and implement a BMP Asset Management Plan





Oracle BMP Database



Tracking Tab

Co Permit Num Bmp Track Edit



- Tracking**
- Mgt Firm Contacts
- Tracking
- Bmp Id
- Invest 1
- Invest 2
- Invest 3
- Reinsp
- Enforcement
- Credit Tracking

Dev Name

Developer

Org Main Resp Active

Contact Name File Received

Phone Number Ext Email

Street Nbr Suite Nbr Street Name

City State Zip 5 Zip 4

Mailing Address

-
-
-
-
-
-

Management Firm Contacts

gwinnettcountry

Co Permit Num Bmp Track Edit



Tracking | **Mgt Firm Contacts** | Tracking | Bmp Id | Invest 1 | Invest 2 | Invest 3 | Reinsp | Enforcement | Credit Tracking

Management Firm name

Contact Name

Phone number

Ext

Email

Street number

Suite number

Street name

City

State

Zip Code

Mailing address

Tracking Tab

Co Permit Num Bmp Track Edit



Tracking | Mgt Firm Contacts | **Tracking** | Bmp Id | Invest 1 | Invest 2 | Invest 3 | Reinsp | Enforcement | Credit Tracking

WQ Credit	<input type="text" value="0.10"/>	CP Credit	<input type="text" value="0.10"/>	PF Credit	<input type="text" value="0.10"/>	Comm District	<input type="text" value="4"/>
Main Agreement	<input type="text" value="10/20/2005"/>	Sup Agreement	<input type="text"/>	Deed Book	<input type="text" value="46409"/>	Page	<input type="text" value="0846"/>
Bond Exp Date	<input type="text" value="06/19/2011"/>	Bond Release Date	<input type="text" value="03/02/2012"/>	As Built	<input type="text" value="12/21/2005"/>	Final Plat Date	<input type="text" value="12/22/2005"/>
Month15 Letter	<input type="text" value="03/26/2007"/>	Bond pull Date	<input type="text"/>	Check As Built	<input type="text" value="02/24/2012"/>	<input type="button" value="Related Permit"/>	<input type="button" value="Surety"/>
Historic Permit	<input type="text"/>	Category	<input type="text" value="3"/>	SR Num	<input type="text"/>	w/o no.	<input type="text"/>
Swu Deed Book	<input type="text"/>	Swu Page	<input type="text"/>	Tier	<input type="text"/>	Swu Easment Date	<input type="text"/>
Credit Letter	<input type="text" value="NO"/>	Contact Surety Ext	<input type="text"/>	County owned	<input type="text"/>	% Complete	<input type="text"/>
Status	<input type="text" value="3/1/13- UPDATED CONTACT INFO. ML03/01/20"/>			Projects	<input type="text"/>	Status Date	<input type="text" value="03/01/2012"/>

Print

Print All

Save

QY Fac Id

QY Permit Relat

Exit

BMP Id Tab

Co Permit Num Bmp Track Edit



Tracking | Mgt Firm Contacts | Tracking | **Bmp Id** | Invest 1 | Invest 2 | Invest 3 | Reinsp | Enforcement | Credit Tracking

Bmp Id	Property Id	location	Total Volume	Underground Basin	Type	Aero Atlas Page	Fac Id	LID
POND A	5047 683	2466 ARNOLD MILL RD		▼	YE-9 DRY DETENTION	819-E2	823828	▼ ▲
POND B	5047 088	US HWY 29		▼	YE-9 EXTENDED DRY DETENTION	819-E1	823829	▼
				▼				▼
				▼				▼
				▼				▼

Print

Print All

Save

QY Fac Id

QY Permit Relat

Exit

Invest 1 Tab

Co Permit Num Bmp Track Edit



Tracking | Mgt Firm Contacts | Tracking | Bmp Id | **Invest 1** | Invest 2 | Invest 3 | Reinsp | Enforcement | Credit Tracking

Bmp Id	Inspection Type	Date Inspect	Credit	Veg Cut	Investigator	Date Reinspect
BMP A	CONSTRUCTION	12/22/2005			SWETT	
BMP B	CONSTRUCTION	12/22/2005			SWETT	
BMP A	12 MONTH	02/05/2007			ROWLAND	
BMP B	12 MONTH	02/05/2007			ROWLAND	
BMP A	18 MONTH	08/06/2007			SPEER	
BMP B	18 MONTH	08/06/2007			SPEER	
POND A	ANNUAL	03/26/2013	NO	NO	ROWLAND	

Hold Bond Archive

Print

Print All

Save

QY Fac Id

QY Permit Relat

Exit

Invest 2 Tab

Project Name **Arnold Mill Station Pond A**

Investigator: **Rowland**

BMP INSPECTION FORM

Re-inspection

Gwinnett Co. Permit # **FPL2005-00149** Node Number BMP Identifier **Ext.Dry Det.**

Date of: Notice to Comply **2-05-07** Notice of Violation Enforcement Action

Type of Inspection: CONSTRUCTION INITIAL 12 MONTH 18 MONTH ANNUAL CITIZEN REQUEST



BMP Inspection Deficiencies

Deficiency Description	D	Code	Date Completed	Investigator
Clear and grade access easement	<input type="checkbox"/>	701		-
Repair erosion rills and gullies on pond slopes.	<input checked="" type="checkbox"/>	702		-
Remove trash and debris	<input type="checkbox"/>	703		-
Install forebays	<input type="checkbox"/>	704		-
Install 12' wide min. access gate to BMP	<input type="checkbox"/>	705		-
Repair siphon hole	<input type="checkbox"/>	706		-
Remove sediment and silt from forebay at inlet headwall	<input checked="" type="checkbox"/>	707		-
Install rip rap	<input type="checkbox"/>	708		-
Install emergency spillway	<input type="checkbox"/>	709		-
Re-grade cut and fill slopes	<input type="checkbox"/>	710		-
Backfill pipes	<input type="checkbox"/>	711		-
Seed and mulch bare areas	<input type="checkbox"/>	712		-
Remove dead trees and woody debris from BMP	<input type="checkbox"/>	713		-
Cut tall vegetation	<input type="checkbox"/>	714		-
Correct free board deficit	<input type="checkbox"/>	715		-
Install trash racks	<input type="checkbox"/>	716		-
Grout pipes	<input type="checkbox"/>	717		-
Install access steps to outlet structure	<input type="checkbox"/>	718		-
Install low flow drain end caps with orifice	<input type="checkbox"/>	719		-
Remove debris from outlet structure	<input type="checkbox"/>	720		-
Repair undermining of concrete wall	<input type="checkbox"/>	721		-
Remove trees from dam embankment	<input type="checkbox"/>	722		-
Install sediment barriers	<input type="checkbox"/>	723		-
Repair dam failure	<input type="checkbox"/>	724		-

Tracking

Action 1 Ac

702	707
703	707
707	720
702	714
703	704

ement

Credit Tracking

Invest 3 Tab

Co Permit Num Bmp Track Edit



Tracking | Mgt Firm Contacts | Tracking | Bmp Id | Invest 1 | Invest 2 | **Invest 3** | Reinsp | Enforcement | Credit Tracking

Fac Id	Deficiencies	Def Correct	letter Sent	Comments		
823828	NO			EROSION WAS REPAIRED AND FOREBAYS WE		Email
823829	NO			EROSION WAS REPAIRED AND FOREBAYS WE		Email
823828	NO			CLEAN INSIDE FILTER RING AT OCS. 05/08/20		Email
823829	NO			05/08/2007-CARON-REINSPECT, PLEASE RENI		Email
823828	YES	YES	YES	02/24/2012-VOL. CERT. RECEIVED AND APPR		Email
823829	YES	YES	YES	02/24/2012-VOL. CERT. RECEIVED AND APPR		Email
823828	YES		YES	4/17/13- ROWLAND REINSPECT. ALL DEFICIE		Email

Print

Print All

Save

QY Fac Id

QY Permit Relat

Exit

Reinspection Tab

Co Permit Num Bmp Track Edit



Tracking | Mgt Firm Contacts | Tracking | Bmp Id | Invest 1 | Invest 2 | Invest 3 | **Reinsp** | Enforcement | Credit Tracking

Bmp Id	Reinspection Type	Letter Sent	Deficiencies	Investigator	Date Reinspect	Fac Id
BMP A				CARON	05/08/2007	823828
BMP B				CARON	05/08/2007	823829
BMP A	12 MONTH			SPEER	07/14/2008	823828
BMP B	12 MONTH			SPEER	07/14/2008	823829
BMP A	12 MONTH	YES	YES	ROWLAND	01/27/2009	823828
BMP B	12 MONTH	YES	YES	ROWLAND	01/27/2009	823829
BMP A	12 MONTH	YES	YES	ROWLAND	12/15/2009	823828

Print

Print All

Save

QY Fac Id

QY Permit Relat

Exit

Enforcement Tab

Co Permit Num Bmp Track Edit



Tracking | Mgt Firm Contacts | Tracking | Bmp Id | Invest 1 | Invest 2 | Invest 3 | Reinsp | **Enforcement** | Credit Tracking

Co Permit Num	Fac Id	Enforce Type	Date
FPL2005-00149		NOTICE TO COMPLY	02/19/2007
FPL2005-00149		NOTICE TO COMPLY	05/12/2007
FPL2005-00149		NOTICE TO COMPLY	01/30/2009
FPL2005-00149		NOTICE TO COMPLY	04/16/2009
FPL2005-00149		NOTICE TO COMPLY	02/03/2010

Credit Tracking Tab

Co Permit Num Bmp Track Edit



Tracking | Mgt Firm Contacts | Tracking | Bmp Id | Invest 1 | Invest 2 | Invest 3 | Reinsp | Enforcement | **Credit Tracking**

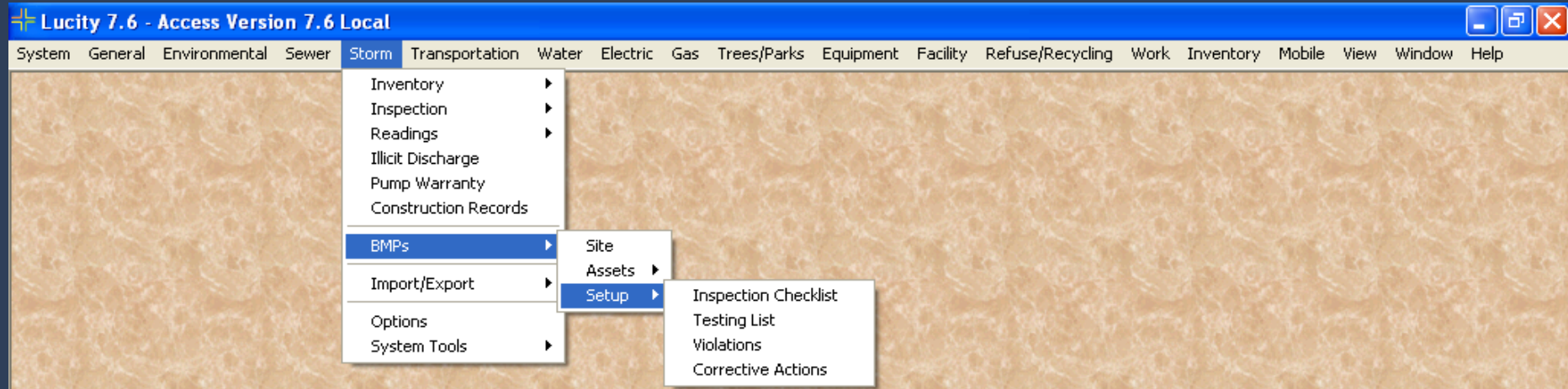
Dev name **Credit Request for** WQ CP Peak Flow

Process Date	Process Step	Approved	Comments	Person Completing Work
05/08/2013	BMP RE-CERTIFICATION FORM RECEIVED		SENT EMAIL TO DCOX@GW	KLL
05/08/2013	SENT TO DESIGN REVIEW		AT KENS INBOX	KLL
05/13/2013	APPLICATION COMPLETE		RECEIVED SIGNED APPLICA	
06/11/2013	BMP WQ REVIEW ACCEPTED FOR CREDITS	YES	POND A DETENTION ONLY	KOK
06/11/2013	BMP CP REVIEW APPROVED FOR CREDITS	YES	POND A	KOK

% Final Percentage Issued



Lucity's Stormwater BMP Module



Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Green Infrastructure

Attributes | Contacts | Communications | BMP Assets | Asset Inspections | Asset Tests | Asset Violations/Enforcements | WO/PM/Req | Custom | Comments

General Location	<input type="text"/>			File Received Date	<input type="text" value="//"/>
Subdivision	<input type="text"/>			Plan Review Date	<input type="text" value="//"/>
Watershed	<input type="text"/>			M.A. Signed	<input type="text" value="10/20/2005"/>
Parcel	<input type="text"/>	City	<input type="text"/>	Sup Agreement	<input type="text" value="//"/>
Receiving Stream	<input type="text"/>	County	<input type="text"/>	M.A. Recv'd	<input type="text" value="//"/>
Plan Review Engineer	<input type="text"/>	Land Use	<input type="text" value="1"/> Low Density Residential	Post-Cons Install Cert	<input type="text" value="//"/>
Orig Maint Resp	<input type="text"/>	Category	<input type="text" value="3"/> Private- M.A.	Final Inspection	<input type="text" value="//"/>
Commission District	<input type="text"/>	Owner	<input type="text"/>	Bond Expiration Date	<input type="text" value="06/19/2011"/>
Deed Book	<input type="text" value="46409"/>	Projects	<input type="text"/>	Bond Release Date	<input type="text" value="03/02/2012"/>
Page	<input type="text" value="0846"/>	Tier	<input type="text"/>	As Built Date	<input type="text" value="12/21/2005"/>
Historic Permit	<input type="text"/>	Credit Letter	<input type="text"/>	Final Plat Date	<input type="text" value="12/22/2005"/>
SR Number	<input type="text"/>	Area	<input type="text"/>	15 Month Letter	<input type="text" value="03/26/2007"/>
Work Order Number	<input type="text"/>	Drainage Area	<input type="text"/>	Bond Pull Date	<input type="text" value="//"/>
Easement Book	<input type="text"/>	WQ Credit	<input type="text"/>	Check As Built Date	<input type="text" value="02/24/2012"/>
Easement Page	<input type="text"/>	CP Credit	<input type="text"/>	S/W Easement Date	<input type="text" value="//"/>
Zip Code	<input type="text"/>	PF Credit	<input type="text"/>	Contact Surety Ext	<input type="text" value="//"/>
Site ID	<input type="text"/>	Percent Complete	<input type="text"/>		

Permitted
 Water Quality Monitoring
 Flow Monitoring

Record 1 of 11 | View Mode | Ready...

Contacts Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149 Site Name: Arnold Mill Station Green Infrastructure:

Permit Approval: / / Permit Expiration: / / Site Record No: 5

Status: / / Status Date: / /

Attributes: Contacts Communications BMP Assets Asset Inspections Asset Tests Asset Violations/Enforcements WD/PM/Req Custom Comments

Management Firm: GW & Associates Owner Name: Arnold Mill HOA

Salutation: Mr Contact Type: 4 Property Management Co. Owner Business:

Name: David Cox Owner Address 1:

Contact Address: 1585 Old Norcross Rd. Suite 101 Owner Address 2:

Contact City: Lawrenceville Owner Address 3:

Contact State: GA Contact Zip Code: 30046 Owner Phone 1:

Phone: 6784076307 Owner Phone 2:

Cell Phone: Owner Phone 3:

Fax Phone: Owner Phone 4:

Email: dcox@gwmgt.com Owner E-mail:

Communication: On-Site Contact:

Other Facility Contacts

Name ^	Title Text	Business Name	Contact Type Text	Phone	Mobile Phone	Fax Phone
--------	------------	---------------	-------------------	-------	--------------	-----------

Record 1 of 11 View Mode Ready...

Communications Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149 Site Name: Arnold Mill Station Green Infrastructure:

Permit Approval: / / Permit Expiration: / / Site Record No: 5

Status: / / Status Date: / /

Attributes | Contacts | **Communications** | BMP Assets | Asset Inspections | Asset Tests | Asset Violations/Enforcements | WD/PM/Req | Custom | Comments

Conversations

Conversation Date	Contact	Business Name	Phone	Ager
04/22/2013	David Cox	GW & Associates	678-407-6336	Yes
04/17/2013	David Cox	GW & Associates	678-407-6307	Yes

Current Notice Status

Notification: 7 Re-inspection- No deficiencies

Notification Date: 04/18/2013

Notice History

Date Sent	Notification Type	Sent By
04/18/2013	Re-inspection- No deficie...	May Ying Lo
03/27/2013	Notice to Comply	May Ying Lo

Email Tracking

Tracked Item	Description
--------------	-------------

Record 1 of 11 View Mode Ready...

BMP Assets Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149 Site Name: Arnold Mill Station Green Infrastructure:

Permit Approval: / / Permit Expiration: / / Site Record No: 5

Status: / / Status Date: / /

Attributes Contacts Communications **BMP Assets** Asset Inspections Asset Tests Asset Violations/Enforcements WD/PM/Req Custom Comments

BMP Asset Number ▲	Type Text	Gen Location	Last Inspected	Overall Cond Text
823828	Ext. Dry Deten...	2466 Arnold Mill Road	03/26/2013	Poor
823829	Ext. Dry Deten...	US Hwy 29	03/26/2013	Fair

Record 1 of 11 View Mode Ready...

Asset Inspections Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149 Site Name: Arnold Mill Station Green Infrastructure:

Permit Approval: / / Permit Expiration: / / Site Record No: 5

Status: / / Status Date: / /

Attributes | Contacts | Communications | BMP Assets | **Asset Inspections** | Asset Tests | Asset Violations/Enforcements | WD/PM/Req | Custom | Comments

Inspection Date	BMP Asset Number	Type Text	Inspector Text	Inspection Type Text	Facility Contact	Contact Phone
03/26/2013	823829	Ext. Dry Deten...	Rowland	Inspection		
03/26/2013	823828	Ext. Dry Deten...	Rowland	Inspection		

Record 1 of 11 View Mode Ready...

Asset Tests Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149 Site Name: Arnold Mill Station Green Infrastructure:

Permit Approval: / / Permit Expiration: / / Site Record No: 5

Status: / / Status Date: / /

Attributes | Contacts | Communications | BMP Assets | Asset Inspections | **Asset Tests** | Asset Violations/Enforcements | WD/PM/Req | Custom | Comments

Sample Taken	BMP Asset Number	Type	Entered By	Sample Type	Test Results	Facility Contact	Contact Phone
--------------	------------------	------	------------	-------------	--------------	------------------	---------------

Record 1 of 11 View Mode Ready...

Asset Violations/Enforcements Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149
 Site Name: Arnold Mill Station
 Green Infrastructure:

Permit Number:
 Permit Approval: //
 Permit Expiration: //
 Site Record No: 5

Status:
 Status Date: //

Attributes | Contacts | Communications | BMP Assets | Asset Inspections | Asset Tests | **Asset Violations/Enforcements** | WD/PM/Req | Custom | Comments

Notices and Violations

Occured Date	BMP Asset Number	Type Text	Enforcement Type Text	Notice/Violation	Description
03/26/2013	823829	Ext. Dry Detention	Notice to Comply	BMP V1	Storm BMP Violation 1
03/26/2013	823828	Ext. Dry Detention	Notice to Comply	BMP NTC1	Notice to Comply: Perform Routine Maintenance

Corrective Actions

Notification Date	Corrective Action	Corrective Action Desc	Due Date	Completed	Notes

Record 1 of 11 | View Mode | Ready...

WO/PM/Req Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149 Site Name: Arnold Mill Station Green Infrastructure:

Permit Approval: / / Permit Expiration: / / Site Record No: 5

Status: / / Status Date: / /

Attributes | Contacts | Communications | BMP Assets | Asset Inspections | Asset Tests | Asset Violations/Enforcements | **WO/PM/Req** | Custom | Comments

Default WO Cat: No WO/PM/Req:

Work Orders

WO #	Main Task	Problem	Status	Status Date	End Date	Start Date	Completion Date
------	-----------	---------	--------	-------------	----------	------------	-----------------

PMs

Code	Routine Text	Status	WO #	Next By Start	Next by End	Next Odom	Next Hour	Next Oth
------	--------------	--------	------	---------------	-------------	-----------	-----------	----------

Requests

Status Date	Status	Request #	Problem	Cause	Name 1	Name 2	Business
-------------	--------	-----------	---------	-------	--------	--------	----------

Record 1 of 11 View Mode Ready...

Custom Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149 Site Name: Arnold Mill Station Green Infrastructure:

Permit Approval: / / Permit Expiration: / / Site Record No: 5

Status: / / Status Date: / /

Attributes Contacts Communications BMP Assets Asset Inspections Asset Tests Asset Violations/Enforcements WD/PM/Req Custom Comments

User 1	<input type="checkbox"/>		User 11	<input type="checkbox"/>		User 21	<input type="checkbox"/>
User 2	<input type="checkbox"/>		User 12	<input type="checkbox"/>		User 22	<input type="checkbox"/>
User 3	<input type="checkbox"/>		User 13	<input type="checkbox"/>		User 23	<input type="checkbox"/>
User 4	<input type="checkbox"/>		User 14	<input type="checkbox"/>		User 24	<input type="checkbox"/>
User 5	<input type="checkbox"/>		User 15	<input type="checkbox"/>		User 25	<input type="checkbox"/>
User 6	<input type="checkbox"/>		User 16	<input type="checkbox"/>	/ /		
User 7	<input type="checkbox"/>		User 17	<input type="checkbox"/>	/ /		
User 8	<input type="checkbox"/>		User 18	<input type="checkbox"/>	/ /		
User 9	<input type="checkbox"/>		User 19	<input type="checkbox"/>	/ /		
User 10	<input type="checkbox"/>		User 20	<input type="checkbox"/>	/ /		

Elevation:

Last Modified By: Lucity Subtype Text:

Last Modified Date: 09/04/2013 11:12 PM

Record 1 of 11 View Mode Ready...

Comments Tab

Lucity 7.6 - Access Version 7.6 Local - [Storm BMP Site - No Filter]

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Permit Number: FPL2005-00149 Site Name: Arnold Mill Station Green Infrastructure:

Permit Approval: / / Permit Expiration: / / Site Record No: 5

Status: / / Status Date: / /

Attributes Contacts Communications BMP Assets Asset Inspections Asset Tests Asset Violations/Enforcements WD/PM/Req Custom **Comments**

Recorded By ▲	Recorded Date	Recorded Time	General Comment
---------------	---------------	---------------	-----------------

Record 1 of 11 View Mode Ready...

Storm BMP Assets - Unnamed Filter Set

BMP Site Rec #	5	Permit Number	FPL2005-00149	Site Name	Arnold Mill Station
BMP Asset Rec #	8	BMP FAC ID	823828	Status	1 Operational
Type	6 Ext. Dry Detention	Green Infrastruct	<input type="checkbox"/>		

Attributes | Stormwater Links | Inspections | Tests | Violations/Enforcements | WO/PM/Req | Custom | Custom 2 | Comments

Gen Location	2466 Arnold Mill Road				
City			Zip Code		
Category	3 Private- M.A.		Width		
Designed By			Length		
Contractor Name			Depth		
Constructed Date	//		Volume		
Last Cleaning Date	//	Cleaning Freq			
Next Cleaning Date	//	Cleaning Freq Units			
Note					

Record 1 of 1 | View Mode | Ready...

Stormwater Links Tab

Storm BMP Assets - Unnamed Filter Set

BMP Site Rec # 5 Permit Number FPL2005-00149 Site Name Arnold Mill Station

BMP Asset Rec # 8 BMP FAC ID 823828 Status 1 Operational

Type 6 Ext. Dry Detention Green Infrastruct

Attributes Stormwater Links Inspections Tests Violations/Enforcements WO/PM/Req Custom Custom 2 Comments

Storm Conduits

Alt Conduit ID ^	Type Text	Pipe Shape Text	Material Text	Dia/Height (in)	Width (in)
------------------	-----------	-----------------	---------------	-----------------	------------

Storm Structures

Structure # ^	Structure Type Text
---------------	---------------------

Record 1 of 1 View Mode Ready...

Inspections Tab

Storm BMP Assets - Unnamed Filter Set

BMP Site Rec # Permit Number Site Name

BMP Asset Rec # BMP FAC ID Status Operational

Type Ext. Dry Detention Green Infrastruct

Attributes | Stormwater Links | **Inspections** | Tests | Violations/Enforcements | WO/PM/Req | Custom | Custom 2 | Comments

Last Inspected Next Inspection Date Overall Cond Poor

Inspection Date	Inspector Text	General Condition Text	Facility Contact	Next Inspection Date
03/26/2013	Rowland	Poor		

Record 1 of 1 View Mode Ready...

Tests Tab

Storm BMP Assets - Unnamed Filter Set

Attributes | Stormwater Links | Inspections | **Tests** | Violations/Enforcements | WO/PM/Req | Custom | Custom 2 | Comments

BMP Site Rec # 5 Permit Number FPL2005-00149 Site Name Arnold Mill Station
BMP Asset Rec # 8 BMP FAC ID 823828 Status 1 Operational
Type 6 Ext. Dry Detention Green Infrastruct

Last Test Date / / Test Freq
Next Test Date / / Test Freq Units

Tests

Sample Taken	Entered By Text	Sample Type Text	Test Results Text	Facility Contact	Contact Phone
--------------	-----------------	------------------	-------------------	------------------	---------------

Record 1 of 1 View Mode Ready...

Violations/Enforcements Tab

Storm BMP Assets - Unnamed Filter Set

BMP Site Rec # 5 Permit Number FPL2005-00149 Site Name Arnold Mill Station
BMP Asset Rec # 8 BMP FAC ID 823828 Status 1 Operational
Type 6 Ext. Dry Detention Green Infrastruct

Attributes Stormwater Links Inspections Tests **Violations/Enforcements** WO/PM/Req Custom Custom 2 Comments

Follow-up Date 04/26/2013

Notices and Violations

Occured Date	Enforcement Type Text	Notice/Violation	Description	Fine Amount	Paid Date	Cor
03/26/2013	Notice to Comply	BMP NTC1	Notice to Comply: Perform Routine Maintenance			No

Corrective Actions

Notification Date	Corrective Action	Corrective Action Desc	Due Date	Completed	Notes
03/26/2013	BMP C2	Corrective Action 2: Remove Trash and/or debris	04/26/2013	No	
03/26/2013	BMP C1	Corrective Action 1: Cut tall vegetation	04/26/2013	No	

Record 1 of 1 View Mode Ready...

WO/PM/Req Tab

Storm BMP Assets - Unnamed Filter Set

BMP Site Rec # Permit Number Site Name

BMP Asset Rec # BMP FAC ID Status Operational

Type Ext. Dry Detention Green Infrastruct

Attributes | Stormwater Links | Inspections | Tests | Violations/Enforcements | **WO/PM/Req** | Custom | Custom 2 | Comments

Default WO Cat No WO/PM/Req

Work Orders

WO #	Main Task	Problem	Status	Status Date	End Date	Start Date	Completion Date
2013-00003	Investigation	Miscellaneous	New Work Order	09/06/2013			

PMs

Code	Routine Text	Status	WO #	Next By Start	Next by End
------	--------------	--------	------	---------------	-------------

Requests

Status Date	Status	Request #	Problem	Cause	Name 1	Name 2	Busin
-------------	--------	-----------	---------	-------	--------	--------	-------

Record 1 of 1 View Mode Ready...

Custom Tab

Storm BMP Assets - Unnamed Filter Set

BMP Site Rec # Permit Number Site Name

BMP Asset Rec # BMP FAC ID Status Operational

Type Ext. Dry Detention Green Infrastruct

Attributes | Stormwater Links | Inspections | Tests | Violations/Enforcements | WO/PM/Req | **Custom** | Custom 2 | Comments

User 1	<input type="text"/>	PIN	<input type="text" value="5047 683"/>	Volume Recert.	<input type="text" value="02/24/2012"/>
User 2	<input type="text"/>	As-Built BMP ID	<input type="text" value="BMP B"/>	User 22	<input type="text" value="//"/>
User 3	<input type="text"/>	User 13	<input type="text"/>	User 23	<input type="text" value="//"/>
User 4	<input type="text"/>	User 14	<input type="text"/>	User 24	<input type="text" value="//"/>
User 5	<input type="text"/>	User 15	<input type="text"/>	User 25	<input type="text" value="//"/>
User 6	<input type="text"/>	WQ Credit	<input type="text" value="0.10"/>	User 26	<input type="checkbox"/>
User 7	<input type="text"/>	CP Credit	<input type="text" value="0.10"/>	User 27	<input type="checkbox"/>
User 8	<input type="text"/>	PF Credit	<input type="text" value="0.10"/>	User 28	<input type="checkbox"/>
User 9	<input type="text"/>	User 19	<input type="text"/>	User 29	<input type="checkbox"/>
User 10	<input type="text"/>	User 20	<input type="text"/>	User 30	<input type="checkbox"/>

Record 1 of 1 View Mode Ready...

Custom 2 Tab

Storm BMP Assets - Unnamed Filter Set

BMP Site Rec # Permit Number Site Name

BMP Asset Rec # BMP FAC ID Status Operational

Type Ext. Dry Detention Green Infrastruct

Attributes | Stormwater Links | Inspections | Tests | Violations/Enforcements | WO/PM/Req | Custom | Custom 2 | Comments

User 31	<input type="text"/>	User 41	<input type="text"/>	User 51	<input type="text" value="//"/>
User 32	<input type="text"/>	User 42	<input type="text"/>	User 52	<input type="text" value="//"/>
User 33	<input type="text"/>	User 43	<input type="text"/>	User 53	<input type="text" value="//"/>
User 34	<input type="text"/>	User 44	<input type="text"/>	User 54	<input type="text" value="//"/>
User 35	<input type="text"/>	User 45	<input type="text"/>	User 55	<input type="text" value="//"/>
User 36	<input type="text"/>	User 46	<input type="text"/>	User 56	<input type="checkbox"/>
User 37	<input type="text"/>	User 47	<input type="text"/>	User 57	<input type="checkbox"/>
User 38	<input type="text"/>	User 48	<input type="text"/>	User 58	<input type="checkbox"/>
User 39	<input type="text"/>	User 49	<input type="text"/>	User 59	<input type="checkbox"/>
User 40	<input type="text"/>	User 50	<input type="text"/>	User 60	<input type="checkbox"/>

WO Comment

Modified By Date Modified

Record 1 of 1 View Mode Ready...

Comments Tab

Storm BMP Assets - No Filter

BMP Site Rec # 5 **Permit Number** FPL2005-00149 **Site Name** Arnold Mill Station

BMP Asset Rec # 8 **BMP FAC ID** 823828 **Status** 1 Operational

Type 6 Ext. Dry Detention **Green Infrastruct**

Attributes | Stormwater Links | Inspections | Tests | Violations/Enforcements | WO/PM/Req | Custom | Custom 2 | **Comments**

Recorded By ▲	Recorded Date	Recorded Time	General Comment
Lucy	09/06/2013	03:40 PM	BMP Credit Renewel received

Record 1 of 1 View Mode Ready...

Storm BMP Asset Inspections

gwinnettcounty

Storm BMP Asset Inspections - Unnamed Filter Set

Ext. Dry Detention
 Latest Inspection

Inspector: Rowland
 Inspection Date: : AM
 Facility Contact:

Inspection Type: Inspection
 Next Inspection Date:
 Contact Phone:

General Conditon: Poor
 Insp Hours Required:

Inspection Checklist: Custom | Custom 2 | Notices / Violations / Corrections | Comments

No	Checklist Item	Pass Text	Note
1	703	No	Remove trash and debris from pond.
2	704	No	Repair forebay.
3	714	No	Cut tall vegetation remove cut vegetation from pond.
4	727	No	Install new #4 filter stone or replace with filter cage.
5	VISUAL INSPECTION OF POND		
6	Cut and Remove Tall Vegetation	Yes	Pond looks good.
7	Remove Sediment	Yes	
8	Remove Trash and Debris		
9	Remove Sediment		
10	Need to See and Mulch Bare Areas		
11	Other: See comments		
12	FOREBAYS		
13	Cut and Remove Tall Vegetation		

Record 1 of 1 | View Mode | Ready...

Custom Tab

Storm BMP Asset Inspections - Unnamed Filter Set

BMP FAC ID 823828 **Type** 6 Ext. Dry Detention **Latest Inspection**

Inspector 2 Rowland **Inspection Date** 03/26/2013 : AM **Facility Contact**

Inspection Type 1 Inspection **Next Inspection Date** / / **Contact Phone**

General Conditon 4 Poor **Insp Hours Required** 2.00

Inspection Checklist Custom | Custom 2 | Notices / Violations / Corrections | Comments

User 1	<input type="checkbox"/>		User 11	<input type="checkbox"/>		User 21	<input type="checkbox"/>
User 2	<input type="checkbox"/>		User 12	<input type="checkbox"/>		User 22	<input type="checkbox"/>
User 3	<input type="checkbox"/>		User 13	<input type="checkbox"/>		User 23	<input type="checkbox"/>
User 4	<input type="checkbox"/>		User 14	<input type="checkbox"/>		User 24	<input type="checkbox"/>
User 5	<input type="checkbox"/>		User 15	<input type="checkbox"/>		User 25	<input type="checkbox"/>
User 6	<input type="checkbox"/>		User 16	<input type="checkbox"/>	//	User 26	<input type="checkbox"/>
User 7	<input type="checkbox"/>		User 17	<input type="checkbox"/>	//	User 27	<input type="checkbox"/>
User 8	<input type="checkbox"/>		User 18	<input type="checkbox"/>	//	User 28	<input type="checkbox"/>
User 9	<input type="checkbox"/>		User 19	<input type="checkbox"/>	//	User 29	<input type="checkbox"/>
User 10	<input type="checkbox"/>		User 20	<input type="checkbox"/>	//	User 30	<input type="checkbox"/>

Record 1 of 1 View Mode Ready...

Custom 2 Tab

Storm BMP Asset Inspections - Unnamed Filter Set

BMP FAC ID 823828 **Type** 6 Ext. Dry Detention **Latest Inspection**

Inspector 2 Rowland **Inspection Date** 03/26/2013 : AM **Facility Contact**

Inspection Type 1 Inspection **Next Inspection Date** / / **Contact Phone**

General Conditon 4 Poor **Insp Hours Required** 2.00

Inspection Checklist Custom Custom 2 Notices / Violations / Corrections Comments

User 31	<input type="checkbox"/>		User 41	<input type="checkbox"/>		User 51	<input type="checkbox"/>	/ /
User 32	<input type="checkbox"/>		User 42	<input type="checkbox"/>		User 52	<input type="checkbox"/>	/ /
User 33	<input type="checkbox"/>		User 43	<input type="checkbox"/>		User 53	<input type="checkbox"/>	/ /
User 34	<input type="checkbox"/>		User 44	<input type="checkbox"/>		User 54	<input type="checkbox"/>	/ /
User 35	<input type="checkbox"/>		User 45	<input type="checkbox"/>		User 55	<input type="checkbox"/>	/ /
User 36	<input type="checkbox"/>		User 46	<input type="checkbox"/>		User 56	<input type="checkbox"/>	
User 37	<input type="checkbox"/>		User 47	<input type="checkbox"/>		User 57	<input type="checkbox"/>	
User 38	<input type="checkbox"/>		User 48	<input type="checkbox"/>		User 58	<input type="checkbox"/>	
User 39	<input type="checkbox"/>		User 49	<input type="checkbox"/>		User 59	<input type="checkbox"/>	
User 40	<input type="checkbox"/>		User 50	<input type="checkbox"/>		User 60	<input type="checkbox"/>	

Record 1 of 1 View Mode Ready...

Notices/Violations/Corrections Tab

Storm BMP Asset Inspections - Unnamed Filter Set

BMP FAC ID: 823828 Type: 6 Ext. Dry Detention Latest Inspection:

Inspector: 2 Rowland Inspection Date: 03/26/2013 : AM Facility Contact:

Inspection Type: 1 Inspection Next Inspection Date: / / Contact Phone:

General Conditon: 4 Poor Insp Hours Required: 2.00

Inspection Checklist: Custom Custom 2 Notices / Violations / Corrections Comments

Notices / Warnings / Violations

Occured Date	Enforcement Type Text	Notice/Violation	Description	Fine Amount	Paid Date	Completed
03/26/2013	Notice to Comply	BMP NTC1	Notice to Comply: Perform Routine Maintenance			No

Corrective Actions

Notification Date	Corrective Action	Corrective Action Desc	Due Date	Completed	Notes
-------------------	-------------------	------------------------	----------	-----------	-------

Record 1 of 1 View Mode Ready...

Comments Tab

Storm BMP Asset Inspections - Unnamed Filter Set

BMP FAC ID: 823828 Type: 6 Ext. Dry Detention Latest Inspection:

Inspector: 2 Rowland Inspection Date: 03/26/2013 : AM Facility Contact:

Inspection Type: 1 Inspection Next Inspection Date: / / Contact Phone:

General Condition: 4 Poor Insp Hours Required: 2.00

Inspection Checklist: Custom Custom 2 Notices / Violations / Corrections **Comments**

Last Mod By: Lucy Last Mod Date: 04/22/2013 11:07 AM

Record 1 of 1 View Mode Ready...

Creating BMP Polygon Feature Class from Stormwater Structure Feature Class

Create Dry Detention Ponds Weirs

gwinnettcounty



Wet Detention Pond

gwinnettcounty



Intersect BMP Buffer with Hydro Polygons



Detailed Mapping of Dry Detention Pond



Underground Detention Pond



Create Attributes for BMP Select Oracle BMP Data Polygon Feature Class

BMP_ID	CO_PERMIT_NU	PROPERTY_ID	BASIN	TYPE	NODE_NUM	FAC_ID	EDITOR	UPDATE_
POND 1	CDP2004-00057	7081 002	YE-2	EXTENDED DRY		814476		ROBINSO
POND B	FPL2004-00087	7179 247	IV-3	DRY WATER QU		695649		
POND	CDP2004-00101	ROW	SU-4	EXTENDED DRY		814504		ROBINSO
BMP #1	CDP2004-00037	6165 131	YE-3	EXTENDED DRY		2340756		JOBUTLEI
POND B	FPL2004-00083	5185 321	AL-5	EXTENDED DRY		668365		ROBINSO
POND A	FPL2000-00075	5306 104	AP-1	EXTENDED WET	97259	336220		
POND	FPL2004-00088	3002C199	LM-1	EXTENDED DRY		692938		
POND I B	CDP2003-00330	7052 170	YE-5	EXTENDED DRY		3002200		ROBINSO
POND	CDP2004-00036	7018 044	AP-1	EXTENDED DRY		809438		
POND 1	CDP2004-00091	6301 160	CR-1	DRY WATER QU		819637		LOOK
POND 1	MDP2004-00007	7038 034	YE-2	EXTENDED DRY		779731		
POND 1	FPL2004-00068	5306 339	AP-1	WET DETENTIO		668636		HARTST
POND	FPL2004-00098	4338 258	NO-2	EXTENDED DRY		677017		ROBINSO
BMP	CTY-CTY-00067	6013 007	YE-11	DRY DETENTIO	162634	479080		ROBINSO
POND A	CDP1999-00429	7065 140	YE-5	EXTENDED DRY	28545	352002		
BASIN B	CDP2003-00206	7157 102	YE-2	DRY WATER QU		850401		ROBINSO
BMP 1	CDP1999-00430	6247 363	YE-11	DRY WATER QU	89650	393232		ROBINSO
BMP#1	FPL2000-00077	5212 161	AL-2	EXTENDED DRY	17996	306512		
POND	MDP2004-00014	7047 640	YE-8	EXTENDED DRY		779768		
POND 1	FPL2004-00090	7150 223	YE-5	EXTENDED DRY		667793		
POND B	FPL2004-00078	6082 263	YE-11	EXTENDED DRY		666001		
POND A	FPL2004-00078	6091 421	YE-11	DRY DETENTIO		666002		

Join the BMP Oracle Data to the Weir Data in GIS

bmp_poly

	BMP_ID	CO_PERMIT_	PROPERTY_I	BASIN	TYPE	FAC_ID *	
▶	NO. 1	FPL2000-00150H	1004 567	IV-2	EXTENDED DRY DETENTION	310114	
	POND 1	CDP2001-00239	5138 005	YE-8	EXTENDED DRY DETENTION	466715	
	POND 3	FPL2000-00217	7316 048	LE-1	EXTENDED DRY DETENTION	312374	
	BASIN 2	CDP1999-00435	6053 005	YE-11	EXTENDED DRY DETENTION	361461	
	WQ BASIN	CDP2003-00006	6053 182	YE-11	WET WATER QUALITY	684823	
	POND	FPL2004-00174	7083 404	YE-2	DRY DETENTION	695502	
	POND	CTY-CTY-00159	6181 052	YE-2	DRY WATER QUALITY	2996552	WI
	SEPARATOR	CDP1999-00244	6164 312	YE-4	OIL/GRIT SEPARATOR	311822	
	POND 2	CDP2008-00061	7146 005A	IV-3	EXTENDED DRY DETENTION	2934344	WI
	POND C	CDP2005-00262	6232 153	YE-2	EXTENDED DRY DETENTION	2358689	JO
	POND 1	FPL2005-00049	4320 261	2	EXTENDED DRY DETENTION	779141	
	POND	CDP2006-00058	7072 410	YE-2	EXTENDED DRY DETENTION	314422	
	POND	CDP2001-00245	5047 405	YE-8	EXTENDED DRY DETENTION	390824	
	POND	FPL2005-00059	7185 345	IV-2	EXTENDED DRY DETENTION	776612	
	POND2	CDP2005-00112	5087 002	YE-8	EXTENDED WET DETENTION	3001521	RC
	POND 1	CDP2005-00064	7036 076	YE-8	EXTENDED DRY DETENTION	3006459	
	POND	CDP1999-00351	6236 012	YE-2	EXTENDED DRY DETENTION	351932	
	POND 1	CDP2000-00104	7081 122	YE-2	EXTENDED WET DETENTION	345189	
	POND A	FPL2001-00169	7113 265	YE-2	EXTENDED DRY DETENTION	471936	
	POND	CDP2002-00042	7116 039	YE-2	DRY WATER QUALITY	487997	
	POND	CDP1999-00362	7035 071	YE-2	EXTENDED DRY DETENTION	333965	

1 (0 out of 2468 Selected)