STORMWATER MANAGEMENT

CITY EMPLOYEE TRAINING

TOPIC: Stormwater Management Program / Illicit Discharge and Elimination Program / Urban Runoff

DATE: December 6, 2017

LOCATION: City Hall

DEPARTMENT: Planning and Building Department

PERSON PROVIDING TRAINING: Mark Stephens

METHOD OF TRAINING: Distributed educational materials

ATTENDANCE LOG

NAME	SIGNATURE
David F. Bryant	
Mark Williams	
MARK STEPHENS	

Facts/History:

1. The MS4 area is defined as the area within the city limits that also lies within the Anniston-Oxford, AL Urbanized Area Boundary.
2. The MS4 comprises approximately 7.3 sq. miles(4,672 acres).
3. The Anniston-Oxford, AL Urbanized Area boundary comprises approximately 87 Sq. miles (55,680 acres).
4. From 2003 to 2013, the City of Jacksonville, along with other co-permittees in Calhoun County, relied on the Calhoun County Commission to implement the stormwater management program under ADEM NPDES Permit No. ALR040004.
5. From February 2014 to January 2016 the City of Jacksonville developed and implemented its own stormwater management program under the same ADEM NPDES Permit No. ALR040004.
6. In September 2016 the City of Jacksonville was issued its own permit, ADEM NPDES Permit No. ALR040051.

City of Jacksonville

320 Church Ave., SE
Jacksonville, AL 36265

www.jacksonville-al.org

Phone: 256-435-7611
Fax: 256-435-4103

For more Information and/or to report a stormwater issue:

Mark W. Stephens, BSCE, CPESC
Planning, Development &
Stormwater Director

Phone: 256-782-3840
Fax: 256-435-4103

mstephens@jacksonville-al.org

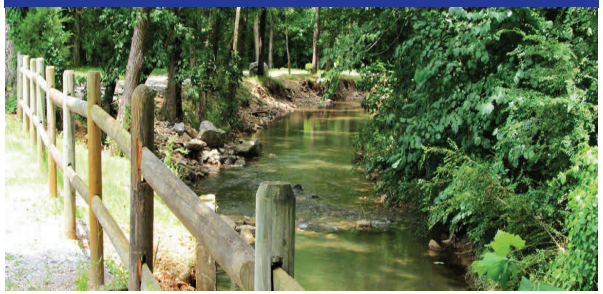
To view the SWMP on-line:
www.jacksonville-al.org

Alabama Department of Environmental Management
www.adem.state.al.us

Environmental Protection Agency
www.epa.gov

STORMWATER MANAGEMENT

STORMWATER MANAGEMENT PROGRAM (SWMP)



City of Jacksonville, Alabama
Phase II Small MS4
ADEM NPDES Permit No. ALR040051

Introduction

In order for the City of Jacksonville to comply with the Alabama Department of Environmental Management (ADEM) National Pollutant Discharge Elimination System (NPDES) Permit No. ALR040051 for stormwater discharges from regulated small Municipal Separate Storm Sewer Systems (MS4), the City was required to adopt a stormwater management program (SWMP).

Purpose

The purpose of the SWMP is to address the Best Management Practices (BMPs), control techniques and systems, design and engineering methods, public education and public involvement, monitoring, and other applicable provisions designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP). The permit requires the SWMP to address the following five minimum stormwater control measures:

1. Public Education and Public Involvement on Stormwater Impacts

This control measure will generate awareness of stormwater pollution prevention by educating the public about the impacts of stormwater discharges on local waterways, change the public's behavior patterns through education and encouragement of active involvement in stormwater pollution prevention, and inform the public of steps that can be taken to reduce pollutants in stormwater runoff to the MEP.

2. Illicit Discharge Detection and Elimination (IDDE) Program

This control measure will provide for locating illicit discharges and connections to the City's MS4, identification and investigation of the sources of the discharge and/or connection and responsible party, and correction or elimination of the discharge of pollution to the City's MS4.

3. Construction Site Stormwater run-off control

This control measure will address stormwater pollution due to erosion and sedimentation from construction sites.

4. Post-Construction Stormwater Management in new development and redevelopment

This control measure will address permanent stormwater management that will take place after construction occurs on qualifying sites in order to prevent or minimize water quality impacts and ensure that the volume and velocity of post-construction runoff is not exceeded for the life of the property's use to the MEP.

5. Pollution Prevention/ Good Housekeeping for Municipal Operations

This control measure for pollution prevention and good housekeeping will address stormwater pollution from nutrients, sediments, and other common pollutants from municipal operations.

Do your part by:

- Maintaining vehicles properly to prevent leaks.
- Recycle used motor oil at an oil re-cycling center.
- Composting leaves, grass clippings, and other yard waste.
- Disposing of paint and other house-hold chemical and waste products properly.
- Maintain on-site septic systems.
- Reporting any potential illicit dis-charges or connections, spills, illegal dumping, impaired waterways and stormwater pollution.

City of Jacksonville

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For more Information and/or to report a stormwater issue:

Mark W. Stephens, BSCE, CPESC
Planning, Development &
Stormwater Director

Phone: 256-782-3840
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mstephens@jacksonville-al.org

To view the SWMP on-line:
www.jacksonville-al.org

Alabama Department of Environmental Management

JACKSONVILLE ALABAMA MS4 PHASE II STORMWATER MANAGEMENT

JACKSONVILLE ALABAMA EDUCATION • COMMERCE • HERITAGE 1834

ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM

City of Jacksonville, Alabama
Phase II Small MS4
ADEM NPDES Permit No. ALR040051

Introduction

In order for the City of Jacksonville to comply with the Alabama Department of Environmental Management (ADEM) National Pollutant Discharge Elimination System (NPDES) General Permit ALR040051 for discharges from regulated Small Municipal Storm Sewer Systems (MS4), the City of Jacksonville was required to adopt an Illicit Discharge Detection and Elimination Program. This program was established by Ordinance No. O-563-14.

Purpose/Intent

The purpose of this program is to provide for the health, safety, and general welfare of the citizens of the City of Jacksonville through the regulation of non-stormwater discharges to the storm drain system to the maximum extent practicable as required by federal and state law. The Ordinance establishes methods for controlling the introduction of pollutants into the municipal separate storm sewer system (MS4) in order to comply with requirements of the National Pollutant Discharge Elimination System (NPDES) permit process. The objectives of the Ordinance are:

1. To regulate the contribution of pollutants to the MS4 by storm water discharges by any user.
2. To prohibit illicit discharges and connections to the MS4.
3. To establish legal authority to carry out all inspections, surveillance, monitoring, and enforcement procedures necessary to ensure compliance with this Ordinance.

What is an Illicit Discharge?

Any direct or indirect non-storm water discharge to the storm drain system, except as exempted in Section 8 of the Ordinance.

The following discharges are exempt from discharge prohibitions established by the Ordinance:
Water line flushing, landscape irrigation, diverted stream flows, rising ground waters, uncontaminated ground water infiltration, uncontaminated pumped ground water, discharges from potable water sources, foundation drains, air conditioning condensation, irrigation water, springs, water from crawl space pumps, footing drains, lawn watering, individual residential car washing, flows from riparian habitats and wetlands, dechlorinated swimming pool discharges, street wash water, fire hydrant flushing, firefighting activities and discharges authorized with a separate NPDES Permit.

What is an Illicit Connection?

- Any drain or conveyance, whether on the surface or subsurface that allows an illegal discharge to enter the storm drain system including but not limited to any conveyances that allow any non-stormwater discharge including sewage, process wastewater, and wash water to enter the storm drain system and any connections to the storm drain system from indoor drains and sinks, regardless of whether said drain or connection had been previously allowed, permitted, or approved by an authorized enforcement agency.
- Any drain or conveyance connected from a commercial or industrial land use to the storm drain system that has not been documented in plans, maps, or equivalent records and approved by an authorized enforcement agency.

What is Municipal Separate Storm Sewer System (MS4)?

The system of conveyances (including sidewalks, roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man- made channels, or storm drains) owned and operated by the City of Jacksonville and designed or used for collecting or conveying storm water, and that is not used for collecting or conveying sewage.

What is a Pollutant?

Anything which causes or contributes to pollution. Pollutants may include, but are not limited to: paints, varnishes, and solvents; oil and other automotive fluids; non-hazardous liquid and solid wastes and yard wastes; refuse, rubbish, garbage, litter, or other discarded or abandoned objects, ordinances, and accumulations, so that same may cause or contribute to pollution; floatables; pesticides, herbicides, and fertilizers; hazardous substances and wastes; sewage, fecal coliform and pathogens; dissolved and particulate metals; animal wastes; wastes and residues that result from constructing a building or structure; and noxious or offensive matter of any kind.

EPA
United States
Environmental Protection
Agency

EPA 841-F-03-003

Protecting Water Quality *from* URBAN RUNOFF

Clean Water Is Everybody's Business

In urban and suburban areas, much of the land surface is covered by buildings and pavement, which do not allow rain and snowmelt to soak into the ground. Instead, most developed areas rely on storm drains to carry large amounts of runoff from roofs and paved areas to nearby waterways. The stormwater runoff carries pollutants such as oil, dirt, chemicals, and lawn fertilizers directly to streams and rivers, where they seriously harm water quality. To protect surface water quality and groundwater resources, development should be designed and built to minimize increases in runoff.

The most recent National Water Quality Inventory reports that runoff from urbanized areas is the leading source of water quality impairments to surveyed estuaries and the third-largest source of impairments to surveyed lakes.

Did you know that because of impervious surfaces like pavement and rooftops, a typical city block generates more than 5 times more runoff than a woodland area of the same size?

How Urbanized Areas Affect Water Quality

Increased Runoff

The porous and varied terrain of natural landscapes like forests, wetlands, and grasslands traps rainwater and snowmelt and allows them to filter slowly into the ground. In contrast, impervious (nonporous) surfaces like roads, parking lots, and rooftops prevent rain and snowmelt from infiltrating, or soaking, into the ground. Most of the rainfall and snowmelt remains above the surface, where it runs off rapidly in unnaturally large amounts.

Storm sewer systems concentrate runoff into smooth, straight conduits. This runoff gathers speed and erosional power as it travels underground. When this runoff leaves the storm drains and empties into a stream, its excessive volume and power blast out streambanks, damaging streamside vegetation and wiping out aquatic habitat. These increased storm flows carry sediment loads from construction sites and other denuded surfaces and eroded streambanks. They often carry higher water temperatures from streets, roof tops, and parking lots, which are harmful to the health and reproduction of aquatic life.

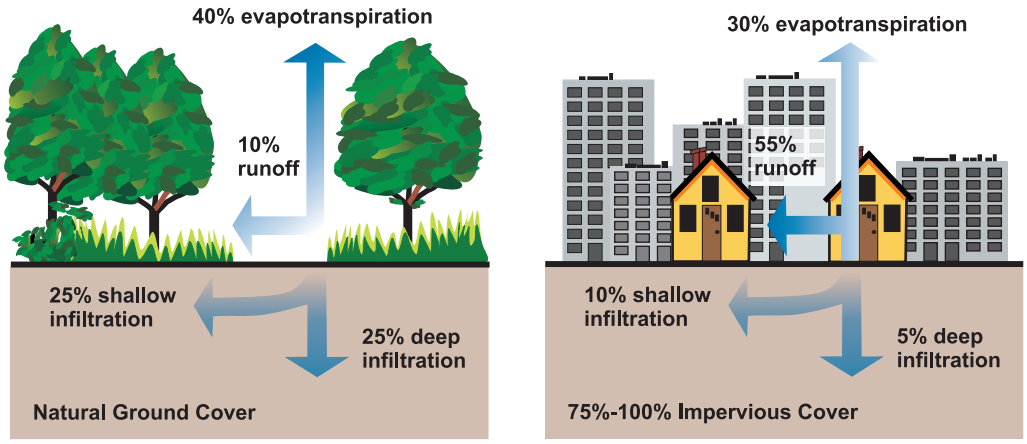
The loss of infiltration from urbanization may also cause profound groundwater changes. Although urbanization leads to great increases in flooding during and immediately after wet weather, in many instances it results in lower stream flows during dry weather. Many native fish and other aquatic life cannot survive when these conditions prevail.

Increased Pollutant Loads

Urbanization increases the variety and amount of pollutants carried into streams, rivers, and lakes. The pollutants include:

- Sediment
- Oil, grease, and toxic chemicals from motor vehicles
- Pesticides and nutrients from lawns and gardens
- Viruses, bacteria, and nutrients from pet waste and failing septic systems
- Road salts
- Heavy metals from roof shingles, motor vehicles, and other sources
- Thermal pollution from dark impervious surfaces such as streets and rooftops

These pollutants can harm fish and wildlife populations, kill native vegetation, foul drinking water supplies, and make recreational areas unsafe and unpleasant.



Relationship between impervious cover and surface runoff. Impervious cover in a watershed results in increased surface ruunoff. As little as 10 percent impervious cover in a watershed can result in stream degradation.

Managing Urban Runoff

What Homeowners Can Do

To decrease polluted runoff from paved surfaces, households can develop alternatives to areas traditionally covered by impervious surfaces. Porous pavement materials are available for driveways and sidewalks, and native vegetation and mulch can replace high maintenance grass lawns. Homeowners can use fertilizers sparingly and sweep driveways, sidewalks, and roads instead of using a hose. Instead of disposing of yard waste, they can use the materials to start a compost pile. And homeowners can learn to use Integrated Pest Management (IPM) to reduce dependence on harmful pesticides.

In addition, households can prevent polluted runoff by picking up after pets and using, storing, and disposing of chemicals properly. Drivers should check their cars for leaks and recycle their motor oil and antifreeze when these fluids are changed. Drivers can also avoid impacts from car wash runoff (e.g., detergents, grime, etc.) by using car wash facilities that do not generate runoff. Households served by septic systems should have them professionally inspected and pumped every 3 to 5 years. They should also practice water conservation measures to extend the life of their septic systems.

Controlling Impacts from New Development

Developers and city planners should attempt to control the volume of runoff from new development by using low impact development, structural controls, and pollution prevention strategies. Low impact development includes measures that conserve natural areas (particularly sensitive hydrologic areas like riparian buffers and infiltrable soils); reduce development impacts; and reduce site runoff rates by maximizing surface roughness, infiltration opportunities, and flow paths.

Controlling Impacts from Existing Development

Controlling runoff from existing urban areas is often more costly than controlling runoff from new developments. Economic efficiencies are often realized through approaches that target "hot spots" of runoff pollution or have multiple benefits, such as high-efficiency street sweeping (which addresses aesthetics, road safety, and water quality). Urban planners and others responsible for managing urban and suburban areas can first identify and implement pollution prevention strategies and examine source control opportunities. They should seek out priority pollutant reduction opportunities, then protect natural areas that help control runoff, and finally begin ecological restoration and retrofit activities to clean up degraded water bodies. Local governments are encouraged to take lead roles in public education efforts through public signage, storm drain marking, pollution prevention outreach campaigns, and partnerships with citizen groups and businesses. Citizens can help prioritize the clean-up strategies, volunteer to become involved in restoration efforts, and mark storm drains with approved "don't dump" messages.

Related Publications

Turn Your Home into a Stormwater Pollution Solution!

www.epa.gov/nps

This web site links to an EPA homeowner's guide to healthy habits for clean water that provides tips for better vehicle and garage care, lawn and garden techniques, home improvement, pet care, and more.

National Management Measures to Control Nonpoint Source Pollution from Urban Areas

www.epa.gov/owow/nps/urbanmm

This technical guidance and reference document is useful to local, state, and tribal managers in implementing management programs for polluted runoff. Contains information on the best available, economically achievable means of reducing pollution of surface waters and groundwater from urban areas.

Onsite Wastewater Treatment System Resources

www.epa.gov/owm/onsite

This web site contains the latest brochures and other resources from EPA for managing onsite wastewater treatment systems (OWTS) such as conventional septic systems and alternative decentralized systems. These resources provide basic information to help individual homeowners, as well as detailed, up-to-date technical guidance of interest to local and state health departments.

Low Impact Development Center

www.lowimpactdevelopment.org

This center provides information on protecting the environment and water resources through integrated site design techniques that are intended to replicate preexisting hydrologic site conditions.

Stormwater Manager's Resource Center (SMRC)

www.stormwatercenter.net

Created and maintained by the Center for Watershed Protection, this resource center is designed specifically for stormwater practitioners, local government officials, and others that need technical assistance on stormwater management issues.

Strategies: Community Responses to Runoff Pollution

www.nrdc.org/water/pollution/storm/stoinx.asp

The Natural Resources Defense Council developed this interactive web document to explore some of the most effective strategies that communities are using around the nation to control urban runoff pollution. The document is also available in print form and as an interactive CD-ROM.

For More Information

City of Jacksonville- Stormwater Management
Mark W. Stephens, Stormwater Director
Phone: 256-782-3840
Email: mstephens@jacksonville-al.org

February 2003

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Barry Craig
Team Name: Sparky's Plugs
Date: 4-17
Location: Street Deptment
Dept.: Street
Topics Covered: Row Mowing / Looking for [redacted] Illicit Discha

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox	4-13-17			
Clay Smith	Clay Smith	4 13-17			
Parker Sonny	Sonny Parker	4 13 17			
Brown, Dustin	Dustin Brown				
Chris Proper	Chris Proper	4-13-17			
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
DeVoe Cameron	Cameron DeVoe				
Barry Craig	Barry Craig	4 13-17			
Justin Coon	Justin Coon	4-3-17			
NONNALLY William	William Nonnally				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Connie Nation
Team Name: Road Rangers
Date:
Location: Street Deptment
Dept.: Street
Topics Covered: ROW Mowing / Looking for Illicit Discharge

Team Members

Name	Signature	Date			
		4-13-17			
Carr Stanley	Stanley Carr				
Chitwood Joeseph	Joseph G Chitwood	4/13-17			
Clark Donald					
Nation Connie					
Hodges Boyd					
Meadows Sammy					
Bentley David					
Johnston Karon		4-13-17			
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Dennis Griffin
Team Name: City Slickers
Date:
Location: Street Deptment
Dept.: Street
Topics Covered: Row Mowing / Looking for Illicit Discharge

Team Members

Name	Signature	Date			
Hulsey Rickey	Ricky Hulsey	4-13-17			
Cannon Cephus	Cephus Cannon				
Ganato Joe	Joe Ganato				
Griffin Dennis	Dennis Griffin				
Hawthorn Ray	Ray Hawthorn				
Morgan Greg	Greg Morgan				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Barry Craig
Team Name:	Sparky's Plugs
Date:	5-2017
Location:	Street Deptment
Dept.:	Street
Topics Covered:	Animals / BMP

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox	5-18-17			
Clay Smith		5-18-17			
Parker Sonny	Sonny Parker	5-18-17			
Brown, Dustin					
Chris Proper		5-18-17			
Sparks Jeremiah					
Blevins Hunter					
BARRY CRAIG		5-18-17			
Justin Cowan		5-18-17			
Cameron Deyoe					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Connie Nation
Team Name:	Road Rangers
Date:	
Location:	Street Deptment
Dept.:	Street
Topics Covered:	Animals / BMP

Team Members

Name	Signature	Date			
		5-18-17			
Carr Stanley	Stanley Carr				
Chitwood Joeseph	Joseph Chitwood	5-18-17			
Clark Donald					
Nation Connie					
Hodges Boyd					
Meadows Sammy					
Bentley David					
Johnston Karon					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Dennis Griffin
Team Name:	City Slickers
Date:	
Location:	Street Deptment
Dept.:	Street
Topics Covered:	Animals / BMP

Team Members

Name	Signature	Date			
Hulsey Rickey	Rickey Hulsey	5-18-17			
Cannon Cephus	Cephus Cannon				
Ganato Joe	Joe Ganato				
Griffin Dennis	Dennis Griffin				
Hawthorn Ray	Ray Hawthorn				
Morgan Greg	Greg Morgan				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Barry Craig**
Team Name:	**Sparky's Plugs**
Date:	6-2017
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Hydration / Ditch Erosion

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox	6-15-17			
Clay Smith					
Parker Sonny	Sonny Parker	6-15-17			
Brown, Dustin	Dustin Brown				
Chris Proper	C Cor	6-5-17			
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
Justin Cowan	Justin O Cowan	6-15-17			
Cameron Gibbs	Cameron Gibbs				
Barry Craig	Barry Craig	6-15-17			
Nan Wally Williams	Nan Wally Williams				
Total			**0**	**0**	**0**

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Connie Nation
Team Name:	Road Rangers
Date:	
Location:	Street Deptment
Dept.:	Street
Topics Covered:	Hydration / Ditch Erosion

Team Members

Name	Signature	Date			
		6-15-17			
Carr Stanley					
Chitwood Joeseph		6-15-17			
Clark Donald					
Nation Connie		6-15-17			
Hodges Boyd					
Meadows Sammy					
Bentley David					
Johnston Karon		6-15-17			
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Hydration / Ditch Erosion

Team Members

Name	Signature	Date			
Hulsey Rickey	Rickey Hulsey	6-15-17			
Cannon Cephus	Cephus Cannon				
Ganato Joe	Joe Ganato				
Griffin Dennis	Dennis Griffin				
Hawthorn Ray	Ray Hawthorn				
Morgan Greg	Greg Morgan				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Barry Craig
Team Name:	Sparky's Plugs
Date:	7- 2017
Location:	Street Deptment
Dept.:	Street
Topics Covered:	Snakes / Equip. Grease

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox	7-20-17			
Clay Smith	Clay Smith	7-2017			
Parker Sonny	Sonny Parker				
Brown, Dustin	Dustin Brown				
Chris Proper	Chris Proper	7-20-17			
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
DeVoe Cameron	Cameron DeVoe				
Barry Craig	Barry Craig	7-20-17			
Justin Cozart	Justin D. Cozart	7-20-17			
Vernal Jarratt	Vernal Jarratt				
Total			**0**	**0**	**0**

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Connie Nation
Team Name: Road Rangers
Date:
Location: Street Deptment
Dept.: Street
Topics Covered: Snakes / Equip Grease

Team Members

Name	Signature	Date			
		7-20-17			
Carr Stanley	Stanley Carr				
Chitwood Joeseph	Joseph Chitwood	7-20-17			
Clark Donald	Donald Clark				
Nation Connie	Connie Nation				
Hodges Boyd	Boyd Hodges				
Meadows Sammy	Sammy Meadows				
Bentley David	David Bentley				
Johnston Karon	Karon Johnston	7-20-17			
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Snakes / Equip Grease

Team Members

Name	Signature	Date			
Hulsey Rickey	Rickey Hulsey	7-20-17			
Cannon Cephus	Cephus Cannon				
Ganato Joe	for Ganato				
Griffin Dennis	Dennis Griffin				
Hawthorn Ray	Ray Hawthorn				
Morgan Greg	Greg Morgan				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Barry Craig
Team Name:	Sparky's Plugs
Date:	8- 2017
Location:	Street Deptment
Dept.:	Street
Topics Covered:	Stinging Insects / Erosion Control (Bare spots)

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox	8-3-17			
Clay Smith	Clay Smith	8-3-17			
Parker Sonny	Sonny Parker	8-3-17			
Brown, Dustin	Dustin Brown				
Chris Proper	C C	8-3-17			
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
Barry CRAIG	Barry Craig	8-3-17			
Justin Coven	Justin Coven	8-3-17			
Denise Cameron	Cameron Dalton				
NONWally Williams	Nonwally Williams				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Connie Nation
Team Name: Road Rangers
Date:
Location: Street Deptment
Dept.: Street
Topics Covered: Stinging Insects / Erosion Control (Bare spots)

Team Members

Name	Signature	Date			
		8-3-17			
Carr Stanley	Stanley Carr				
Chitwood Joeseph	Joseph Chitwood	8-3-17			
Clark Donald	Donald Clark				
Nation Connie	Connie Nation				
Hodges Boyd	Boyd Hodges				
Meadows Sammy	Sammy Meadows				
Bentley David	David Bentley				
Johnston Karon	Karon Johnston	8-3-17			
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Stinging Insects/Erosion Control (Bare spots)

Team Members

Name	Signature	Date			
Hulsey Rickey	Rickey Hulsey	8-3-17			
Cannon Cephus	Cephus Cannon				
Ganato Joe	Joe Ganato				
Griffin Dennis	Dennis Griffin				
Hawthorn Ray	Ray Hawthorn				
Morgan Greg	Greg Morgan				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Barry Craig**
Team Name:	**Sparky's Plugs**
Date:	9-- 2017
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Leafer safety / Check Dams

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox				
Clay Smith					
Parker Sonny	Sonny Parker				
Brown, Dustin					
Chris Proper					
Sparks Jeremiah					
Blevins Hunter					
Cavin Justin	Cavin				
Total			**0**	**0**	**0**

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Connie Nation
Team Name:	Road Rangers
Date:	9- 2014
Location:	Street Deptment
Dept.:	Street
Topics Covered:	Leafer safety / Check Dams

Team Members

Name	Signature	Date			
Carr Stanley					
Chitwood Joeseph	Joseph Chitwood				
Clark Donald					
Nation Connie					
Hodges Boyd					
Meadows Sammy					
Bentley David					
Johnston Karon					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	9- 2017
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Leafer safety / Check Dams

Team Members

Name	Signature	Date			
Hulsey Rickey					
Cannon Cephus	Cephus Cannon				
Ganato Joe					
Griffin Dennis					
Hawthorn Ray					
Morgan Greg					
Cameron Devoe					
Total			**0**	**0**	**0**

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Barry Craig**
Team Name:	**Sparky's Plugs**
Date:	10- 2017
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Inclement weather / winter soil stabilizing

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox				
Clay Smith	Clay				
Parker Sonny	Sonny Parker				
Brown, Dustin	Dustin Brown				
Chris Proper					
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
coach Justin	Carson D Low				
Total			**0**	**0**	**0**

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	10- 2017
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	inclement weather / winter soil stabilizing

Team Members

Name	Signature	Date			
Hulsey Rickey	Rickey Hulsey				
Cannon Cephus	Cephus Cannon				
Ganato Joe	Joe Ganato				
Griffin Dennis	Dennis Griffin				
Hawthorn Ray	Ray Hawthorn				
Morgan Greg	Greg Morgan				
Cameron Deese	Cameron Deese				
Total			**0**	**0**	**0**

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Connie Nation
Team Name: Road Rangers
Date: 10- 2017
Location: Street Deptment
Dept.: Street
Topics Covered: inclement weather / winter soil stabilizing

Team Members

Name	Signature	Date			
Carr Stanley					
Chitwood Joeseph	Joseph Chitwood				
Clark Donald					
Nation Connie					
Hodges Boyd					
Meadows Sammy					
Bentley David					
Johnston Karon					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Barry Craig
Team Name:	Sparky's Plugs
Date:	11- 2017
Location:	Street Deptment
Dept.:	Street
Topics Covered:	Winter Apparel / outlet Erosian

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox				
Clay Smith	Clay Smith				
Parker Sonny	Sonny Parker				
Brown, Dustin	Dustin Brown				
Chris Proper	CP				
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
Cowan Justin	Justin R Cowan				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	11- 2017
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Winter Apparel / outlet Erosion

Team Members

Name	Signature	Date			
Hulsey Rickey					
Cannon Cephus	Cephus Cannon				
Ganato Joe					
Griffin Dennis					
Hawthorn Ray					
Morgan Greg					
Cameron Dever					
Total			**0**	**0**	**0**

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Connie Nation
Team Name: Road Rangers
Date: 1/- 2017
Location: Street Deptment
Dept.: Street
Topics Covered: Winter Apparel / outlet Erosion

Team Members

Name	Signature	Date			
Carr Stanley					
Chitwood Joeseph	Joseph Chitwood				
Clark Donald					
Nation Connie					
Hodges Boyd					
Meadows Sammy					
Bentley David					
Johnston Karon					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Barry Craig
Team Name: Sparky's Plugs
Date: 12- 2017
Location: Street Deptment
Dept.: Street
Topics Covered: Ice / Blocked inlets

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox				
Clay Smith					
Parker Sonny	Sonny Parker				
Brown, Dustin	Dustin Brown				
Chris Proper					
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
Cowen Justin	Justin D Cowen				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader: Connie Nation
Team Name: Road Rangers
Date: 12- 2017
Location: Street Deptment
Dept.: Street
Topics Covered: Ice / Blocked Inlets

Team Members

Name	Signature	Date			
Carr Stanley	Stanley Carr				
Chitwood Joeseph	Joseph Chitwood				
Clark Donald					
Nation Connie					
Hodges Boyd	Boyd Hodges				
Meadows Sammy	Sammy Meadows				
Bentley David					
Johnston Karon					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	12- 2017
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Ice/ Blocked inlets

Team Members

Name	Signature	Date			
Hulsey Rickey					
Cannon Cephus	Cephus Cannon				
Ganato Joe					
Griffin Dennis					
Hawthorn Ray					
Morgan Greg					
Drew Pierce					
Cameron Debe					
Total			**0**	**0**	**0**

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Barry Craig** - Barry Craig
Team Name:	**Sparky's Plugs**
Date:	1- 2018
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Fin / Erosion

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox	1-2018			
Clay Smith	Clay Smith	1-18			
Parker Sonny	Sonny Parker				
Brown, Dustin	Dustin Brown				
Chris Proper					
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
Drew Pierce	Drew Pierce				
Justin Cowan	Justin Cowan	1-18			
Cameron DeVore	Cameron DeVore				
Hayden Ward	Hayden Ward				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	Connie Nation
Team Name:	Road Rangers
Date:	
Location:	Street Deptment
Dept.:	Street
Topics Covered:	

Team Members

Name	Signature	Date			
Carr Stanley					
Chitwood Joeseph	Joseph Chitwood				
Clark Donald	Donald Clark				
Nation Connie					
Hodges Boyd					
Meadows Sammy	Sammy Meadows				
Bentley David					
Johnston Karon					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	

Team Members

Name	Signature	Date			
Hulsey Rickey					
Cannon Cephus	Cephus Cannon				
Ganato Joe	Joe Ganato				
Griffin Dennis	Dennis Griffin				
Hawthorn Ray					
Morgan Greg					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Barry Craig** Barry Craig
Team Name:	**Sparky's Plugs**
Date:	2 - 2018
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	Back safety / wattles

Team Members

Name	Signature	Date			
Maddox, Scotty	Scotty Maddox	2-2018			
Clay Smith	Clay Smith	2-18			
Parker Sonny	Sonny Parker				
Brown, Dustin	Dustin Brown				
Chris Proper	Chris Proper				
Sparks Jeremiah	Jeremiah Sparks				
Blevins Hunter	Hunter Blevins				
Drew Pierce	Drew Pierce				
Justin Cook	Justin Cook				
Cameron Dever	Cameron Dever				
Hayden Ward	Hayden Ward				
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Connie Nation**
Team Name:	**Road Rangers**
Date:	
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	

Team Members

Name	Signature	Date			
Carr Stanley					
Chitwood Joeseph	Joseph Chitwood				
Clark Donald	Donald Clark				
Nation Connie					
Hodges Boyd					
Meadows Sammy					
Bentley David					
Johnston Karon					
Total			0	0	0

Suggestions/ Notes

SAFETY AND ADEM GOOD HOUSEKEEPING MTG SIGN IN SHEET

Team Leader:	**Dennis Griffin**
Team Name:	**City Slickers**
Date:	
Location:	**Street Deptment**
Dept.:	**Street**
Topics Covered:	

Team Members

Name	Signature	Date			
Hulsey Rickey					
Cannon Cephus	Cephus Cannon				
Ganato Joe					
Griffin Dennis	Dennis Griffin				
Hawthorn Ray					
Morgan Greg					
Total			0	0	0

Suggestions/ Notes