

CITY OF ANNISTON NPDES PHASE II MS4 ANNUAL REPORT

Reporting Period: April 1, 2014 –March 31, 2015

Submitted To:

Alabama Department of Environmental Management
Water Division
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Introduction

The City of Anniston has completed this Annual Report in compliance with Part V, C. Reporting of the NPDES Phase I MS4 permit ALR 040004. The permit requires that the City of Anniston submit an annual report to ADEM each year by March 31st. Annual Reports should cover the year (April 1 – March 31) prior to the submittal date. This annual report covers the period of April 1, 2014 – March 31, 2015. In accordance with the requirements of the permit, the Annual Report includes the following information as stipulated in Part V, C, 1:

- a) The status of compliance with permit conditions, an assessment of the appropriateness of the identified BMPs, progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and the measureable goals for each of the minimum control measures;
- b) Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP;
- c) A summary of the stormwater activities you plan to undertake during the next reporting cycle (including an implementation schedule);
- d) Proposed changes to the SWMP, including changes to any BMPs or any identified measureable goals that apply to the program elements.
- e) Notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable); and
- f) All Monitoring results collected during the previous year in accordance with Part V, if applicable. The monitoring reports shall be submitted in a format acceptable to ADEM.

These elements will be addressed within this Annual Report and in each section detailing the implementation of the six minimum measures: A) Public Education, B) Public Involvement, C) Illicit Discharge Detection and Elimination, D) Erosion and Sedimentation Control, E) Post-Construction Stormwater Runoff Control, and F) Good Housekeeping.

Proposed Changes to the SWMP

There are no proposed changes to the Best Management Practices (BMPs) included within the City's SWMP. The City has made one change to the schedule for completion of the Storm Sewer Map, which is further detailed under Changes to the SWMP outlined on page 11.

Co-Permittee Implementation Coordination

The City of Anniston is no longer jointly implementing the SWMP with its other co-permittees, including Calhoun County. The City of Anniston is now responsible for implementing all aspects of its SWMP, and therefore item e) is not applicable to Anniston.

Impaired Waterways and Water Quality Monitoring

Section 303(d) of the Clean Water Act (CWA), as amended by the Water Quality Act of 1987, and the USEPA Water Quality Planning and Management Regulations (40CFR130) require states to identify water bodies not in compliance with the water quality standards applicable to their designated use classifications. Section 303(d) then requires that total maximum daily loads (TMDLs) be determined for all pollutants causing violation of applicable water quality standards in each identified segment.

There are not currently any waterways within the City of Anniston on the 303 (d) list for not meeting established water quality standards. Therefore, the City did not perform any water quality monitoring during this permitting period of 04/01/14 – 03/31/15, and items b) and f) are not applicable to the City of Anniston.

Recordkeeping

Appropriate records must be maintained by each entity and will be made available for examination. Records will be retained for a minimum period of at least three (3) years from the data of the sample, measurement, report, or application or for the term of the NPDES General Permit, whichever is longer.

1. Public Education

a. Status of Compliance with Permit Conditions in Current Reporting Cycle

The City implemented a public education program to inform the public about stormwater issues including stormwater pollution prevention. The City's current Public Education Program included two BMPs:

- **1.A Radio Public Service Announcements (PSAs):** The City of Anniston Public Works Director, Bob Dean appeared on the local radio on 5/27/14 to issue a PSA informing the public about stormwater issues including: impacts of stormwater runoff, steps they can take to prevent stormwater pollution, how to report an illicit discharge or dumping event, as well as information regarding opportunities to get involved in stormwater program activities such as the Citywide Cleanup.
- **1.B Stormwater Webpage:** The City of Anniston has established a stormwater webpage accessible from the City's homepage (<http://www.anniston.al.gov/pages/?pageID=193>) that includes brochures and general information about stormwater issues. The website also provides a link to the City's most recent Stormwater Management Plan (SWMP) as well as a link for citizens to report illicit dumping, illicit discharges, and erosion and sediment control violations. A record of website analytics and a copy of the educational brochures are included in Appendix A.
- **1.C Utility Bill Stuffers/Headers:** In order to reach the widest audience possible, on the City sent out an educational mailer on stormwater issues to every residential and commercial address in the city. The mailer detailed the city's new stormwater utility, and referred recipients to the city's website for more information. A copy of the mailer is included in Appendix A.

These BMPs were effective at reaching the targeted audiences, and intends to continue these public educational activities in the upcoming permit cycle.

b. Stormwater Activities to be Undertaken During the Next Reporting Cycle

The City will implement the following public education activities during the upcoming reporting cycle of April 1, 2015 – March 31, 2016.

- **1.A Radio Public Service Announcements (PSAs):** The City will work with local radio stations to issue one PSA in 2015 informing the public about stormwater issues including: impacts of stormwater runoff, steps they can take to prevent stormwater pollution, how to report an illicit discharge or dumping event, as well as information regarding opportunities to get involved in stormwater program activities such as the Citywide Cleanup.
- **1.B Stormwater Webpage:** The City of Anniston will update the information on the webpage on an annual basis and will continue to monitor the number of visits. This webpage is accessible from the City's homepage and will continue to include brochures, fact sheets, and general information about stormwater issues such as stormwater pollution prevention, BMPs for local businesses, and tips for proper disposal of hazardous substances. The website will continue to provide an email link and a phone number for citizens to report illicit dumping, illicit discharges, and erosion and sediment control violations. The website will post a copy of the City's most recent Stormwater Management Plan (SWMP), Annual Reports, and other related documents. The webpage address will be included in other promotional and education materials to encourage the public to visit it.

- **1.C Utility Bill Stuffers/Headers:** In order to reach the widest audience possible, the City will include educational information on stormwater issues in the public utility bills for all of its customers. The City will either include a utility bill stuffer or to put an educational message in the utility bill header. The City will provide one (1) insert or bill stuffer during the upcoming permit period.

c. [Proposed Changes to the SWMP](#)

There are no proposed changes to the SWMP at this time.

d. [Responsible Party](#)

The responsible party for implementation of this minimum measure is:

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2. Public Involvement

a. Status of Compliance with Permit Conditions

The City implemented a public involvement program during the current reporting period to encourage the citizens of Anniston to actively participate in the development and implementation of the SWMP as well as the protection of their local watersheds. The City implemented the following BMP to address this minimum measure:

- **2.A Citywide Cleanup:** The City facilitated a Neighborhood Cleanup where residents and business were encouraged to pick up litter and trash in their community. The Cleanup event was held on April 12, 2014. The City advertised this event through the City Website and distribution of flyers. A copy of the flyer is included in Appendix B of this report. In order to encourage volunteer participation, the City provided free t-Shirts and barbeque for all participants. The City estimates that this event resulted in the prevention of four (4) tons of trash entering the MS4.
- **2.C Public Input on Stormwater Management Plan (SWMP) Development:** The City invited public comments on this SWMP document by posting the draft SWMP at City Hall as of March 17, 2014, inviting residents to provide input. Residents were asked to submit comments to the City, electronically or in hard copy, to be reviewed and incorporated into the SWMP, as appropriate. Ultimately, no comments were received by the City. The City has posted the approved SWMP on the Stormwater Webpage, so that residents can view it and provide input to the City on its implementation.
- **Additional Public Involvement Activities:**
 - *Rain Barrel Workshop:* A Rain Barrel Workshop was held by the Chamber Community Improvement Committee and Alabama Land Trust on September 19, 2014 at the American Red Cross in Anniston. A copy of the flyer advertising this event is included in Appendix B.
 - *Alabama Clean Water Partnership 10th Annual Watershed Conference:* City of Anniston employee, Kevin Ashley, presented on MS4 Stormwater Permit Requirements at this conference held February, 18 2015 in Montgomery, AL. An agenda from this event is included in Appendix B.
 - *Calhoun County MS4 Stakeholders Committee:* The City of Anniston participated in this stakeholder group that meets routinely to discuss NPDES Phase II MS4 permit issues. City employees, Kevin Ashely and Kevin James attended meetings on August 27, 2014 and November 5, 2014, respectively.

These BMPs were effective at reaching the targeted audiences, and the City will continue to implement them during the upcoming permit cycle. The City also intends to add an additional public involvement BMP: Storm Drain Marking to encourage more residents and businesses to get involved in implementation of the City SWMP.

b. Stormwater Activities to be Undertaken During the Next Reporting Cycle

The City will implement the following public education activities during the upcoming reporting cycle of April 1, 2015 – March 31, 2016.

- **2.A City Clean Up:** The City of Anniston will coordinate the Annual City Clean Up in June 2015 to encourage residents and business owners to pick up trash, litter and other debris in their

neighborhoods that would otherwise end up in the stormwater drainage system and local waterways. The event will be advertised on the City's website and participants will be offered refreshments, t-shirts and other giveaways to encourage participation. The City will collect the trash and ensure that it is properly disposed of. The City will keep records of the number of volunteers that register and estimate of the amount of debris removed.

- **2.B Storm Drain Marking:** The City of Anniston will begin to develop a storm drain marking program that will ultimately provide storm drain marker kits, free of charge, to individuals and civic groups interested in helping to protect local water resources. The City has reviewed various examples of stenciling/marking and has researched vendors to provide the materials necessary. The City will also develop promotional materials, such as flyers and brochures, and will begin to target potential volunteer organizations. The City will also identify areas where storm drain marking will be prioritized. The City will begin implementation of this program during this reporting cycle.
- **2.C Public Input on SWMP Development:** The City will maintain an up-to-date copy of the SWMP on the Stormwater Webpage so that residents can view it and provide input to the City on its implementation

c. Proposed Changes to the SWMP

There are no proposed changes to the SWMP at this time.

d. Responsible Party

The responsible parties for implementation of this minimum measure is:

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3. Illicit Discharge Detection and Elimination

a. Status of Compliance with Permit Conditions

During the current reporting period, the City of Anniston implemented the following management practices to detect and eliminate illicit discharges to the City's MS4:

- **3.A Outfall Reconnaissance Inventory:** The City screened 34 MS4 outfalls, which represents 85% of the MS4 outfalls currently identified in the City's MS4 Outfall Inventory. This far exceeds the City's target of monitoring 20% of the MS4 outfalls per year. The City staff used standardized procedures that including the following:
 - Background data: watershed, outfall ID, time, rainfall, temperature, GPS coordinates, land use
 - Outfall Description: location, material, shape, dimension, submerged
 - Quantitative Characterization: Flow, temperature, pH, Ammonia, Nitrite, Phosphate
 - Physical Indicators for Flowing Outfalls: odor, color, turbidity, floatables, outfall damage, deposits/stains, abnormal vegetation, poor pool quality, pipe benthic growth
 - Overall Outfall Characteristics (illicit discharges): unlikely, potential, suspect, obvious
 - Data collection: lab samples
 - Non-Illicit Discharge Concerns

Copies of screening forms for MS4 Outfalls screened are included in Appendix C.

- **3.B Used Oil Recycling:** The City Public Works Department accepts used oil from residents for recycling. This program was ongoing throughout the current reporting period. Drop off is available to public 24 hours a day, 7 days a week at the Public Works Facility. The City contracts with a used oil recycler to ensure that oil collected is properly handled. The City maintained the following records of the volume of used oil collected:

05/22/14 – 410 gal
08/19/14 – 304 gal
10/09/14 – 152 gal
11/19/14 – 175 gal
02/18/15 – 252 gal
TOTAL: 1,293 gal

In addition, the City collected and properly disposed of 220 gallons of antifreeze.

- **3.C Citizen Complaint Program:** The City of Anniston has implemented a program for addressing citizen complaints about water quality and reports of illicit discharges/illegal dumping. City administrative staff are responsible for receiving citizen complaint calls, and the caller's information is then registered in the Work Order Database. Calls that required investigation are passed along to Public Works staff, which is responsible for taking action to address calls that relate to water quality. The Public Works staff will record actions taken to address the complaint in the Work Order Database. An email form to report illicit discharges is publicized on the City Stormwater Webpage (<http://www.anniston.al.gov/pages/?pageID=193>) and will also be included in educational outreach materials, as appropriate. Complaints received through the website are also included in the Work Order Database. A copy of all stormwater entries in the Work Order

Database is included in Appendix F.

- **3.D Storm Sewer Map:** The City did not receive the grant from the Appalachian Regional Commission and the Economic Development Administration to perform a comprehensive stormwater drainage system inventory and conditions assessment. However, the City has decided to move forward with this project despite the lack of external funding. It is likely that the lack of funding will adversely impact the schedule for completion of this project, and the City anticipated that the GIS inventory and condition assessment of the MS4 may take 3 – 4 years to complete.

The City has begun the field work associated with updating the inventory of MS4 structures which includes a GPS location and condition assessment of each MS4 structure within the City's municipal limits, and this data is being added to the city's GIS database. Please see Appendix C for a copy of the existing citywide storm sewer map as well as a summary of the additional field survey and GIS work that has been completed during this reporting period. The City will continue to update the database and anticipated the completion of this project in 2018.

- **3.E Illicit Discharge Ordinance:** The City has adopted Illicit Discharge Regulations as part of the City Code. They are included in Chapter 8 of the Stormwater Management Regulations (Chapter 29 1/2 of the City's Code). There were no spills of hazardous or potentially polluting materials that were reported to the City during the reporting period. In addition, there were no citizen complaints or other reports related to illicit discharges or illegal dumping. There was one illicit connection (cross connections) from the sanitary sewer to the storm sewer identified during this reporting period. Documentation on this cross connection, and the actions taken by City staff to remove this illicit connection is included in Appendix C. The City will continue to enforce this ordinances as needed.
- **3.F Illicit Discharge Ordinance Review:** As recommended in Permit Number ALR04003, the City evaluates its Illicit Discharge Ordinance on a yearly basis to see what modifications or changes may be needed. The City reviews the ordinance to ensure that it provides the authority for the City to identify and eliminate illicit discharge through field activities such as inspections. During this reporting period, no changes were made to the Illicit Discharge Ordinance. The City will continue to aggressively pursue, identify and correct illicit discharges that are found within the MS4. If changes are made, a new copy of the revised ordinance will be sent to ADEM.
- **3.G Employee Training:** City personnel attended two training workshops that addressed Phase II requirements, including IDDE. The workshops were:
 - *Innovative Erosion & Sediment Control Research & Field Day:* Held by Auburn University on May 29-30, 2014. The event was attended by Anniston employee James Green, City Inspector. The Agenda and a copy of the certificate of attendance are included in Appendix C.
 - *Using the Revised Universal Soil Loss Equation (RUSLE2) to Predict Soil Erosion and Sediment Deposition on Construction Sites:* Held by Alabama Erosion & Sediment Control Partnership and IECA Southeastern Chapter on March 11-12, 2014. This

workshop was attended by Anniston employee Kevin Ashley, City Engineer. A copy of the letter of attendance is included in Appendix C.

The City continues to implement a comprehensive program to identify and remove illicit discharges and to promote the proper disposal of hazardous substances. During the upcoming reporting period, the City will continue to implement its outfall reconnaissance/outfall screening procedures and citizen complaint program. Furthermore, as the City continues to perform the GIS inventory and condition assessment of its MS4, it is anticipated that other cross connections and illicit discharges will be discovered and eliminated.

b. Results of Information Collected and Analyzed

Based on the information gathered, no potential illicit discharges were identified. Out of 37 outfalls screened, only 5 had any flow observed. No additional indicators were observed at these sites indicating a potential illicit discharge. The City changed its procedures regarding the number of dry weather (no rain) days that must occur prior to screening of outfalls. It is the City's belief that this change in procedure has resulted in a significant reduction in the number of outfalls where flow was observed.

c. Stormwater Activities to be Undertaken During the Next Reporting Cycle

The City of Anniston will undertake the following activities during the upcoming reporting cycle April 1, 2015 – March 31, 2016.

- **3.A Outfall Reconnaissance Inventory:** The City will perform an Outfall Reconnaissance Inventory (ORI) of 20 % of known outfalls discharging to waterways within the City. The MS4 outfalls screened will include any outfalls where flow was previously noted, where a potential illicit discharge was noted, or where screening has not yet been conducted during this permit period. Outfalls to be inspected and screened in any given year will be prioritized if they discharge from industrial or commercial facilities. Inspections will be performed during dry weather (i.e. no rain event for 72 hours previous to sample event).

Based on the results of the inspection, the City will assess the overall condition of the outfall and whether or not an illicit discharge is suspected. If an illicit discharge is suspected, the City may undertake one or more of the following source tracing measures:

- Take sample and provide to lab for analysis.
- Perform additional ORI upstream from suspected MS4 outfall.
- Perform site inspection of a facility that is suspected of illicitly discharging.
- Video the storm line to search for source of illicit discharge.

The results of any source tracing activities performed will be recorded on the ORI checklist. If an illicit discharge is positively identified, the City will take enforcement actions as specified in the City's Stormwater Ordinance.

- **3.B Used Oil Recycling:** In an effort to prevent used motor oil from being dumped or spilled into the City's MS4 by residents or businesses, the City offers a used oil recycling program. Residents and business owners within the City of Anniston can bring their used motor oil to the City Public Works Facility where it can be recycled. The City contracts with a used oil recycler to ensure that oil collected is properly handled. The amount of used oil recycled will be recorded and reported in the Annual Report.

- **3.C Citizen Complaint Program:** The City of Anniston will continue its program for addressing citizen complaints about water quality and reports of illicit discharges/illegal dumping. City administrative staff are responsible for receiving citizen complaint calls, and the caller's information is then registered in the Work Order Database. Calls that required investigation are passed along to Public Works staff, which is responsible for taking action to address calls that relate to water quality. The Public Works staff will record actions taken to address the complaints regarding potential illicit discharges, illegal dumping, and other water quality violations in the Work Order Database. An email form to report illicit discharges is publicized on the City Stormwater Webpage and will also be included in educational outreach materials, as appropriate.
- **3.D Storm Sewer Map:** The City will continue to update its current inventory of the MS4 through field GPS and condition assessments of the MS4 and updates to the city's GIS database. The City will also continue to update the database on an annual basis as new development occurs, new outfalls are added to the system, and/or new stormwater BMPs are constructed.
- **3.E. Illicit Discharge Ordinance:** The City adopted a Stormwater Management Regulations as Chapter 29 1/2 of the City's Code. Section 29 1/2.9 includes an escalating enforcement procedures if the ordinance is violated. A copy/summary of any enforcement actions taken related to illicit discharges will be included in the annual report.
- **3.F Illicit Discharge Ordinance Review:** As recommended in Permit Number ALR04003, the City will evaluate its Illicit Discharge Ordinance on a yearly basis to see what modifications or changes may be needed. The City will review the ordinance to ensure that it provides the authority for the City to identify and eliminate illicit discharge through field activities such as inspections. The City will continue to aggressively pursue, identify and correct illicit discharges that are found within the MS4. If changes are made, a new copy of the revised ordinance will be sent to ADEM. A copy of any updated Illicit Discharge Regulations will be included in the annual report.
- **3.G City Employee Training:** The City of Anniston will provide information to employees on illicit discharges and how to prevent stormwater pollution in the work place for staff that deal with potentially polluting materials as part of their daily activities. The City will first identify appropriate materials, including, but necessarily limited to brochures, training videos, and outside training courses. The City will then initiate an annual training session to be held in association with other Public Works training and/or meetings. The City will keep records of the employees that attend this training and the materials that were distributed. Alternatively, the City may opt to send employees to another applicable training program, conference or seminar.

e. [Proposed Changes to the SWMP](#)

It was originally anticipated that City would complete updating its Storm Sewer Map by January 2016, with grant funding from the Appalachian Regional Commission and the Economic Development Administration to perform a comprehensive stormwater drainage system inventory and conditions

assessment. Unfortunately, the grant was not awarded. The City now anticipates that this work will be completed in 2018, due to limited funding availability.

f. Responsible Party

The responsible parties for implementation of this minimum measure is:

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4. Erosion and Sedimentation Control

a. Status of Compliance with Permit Conditions

During the current reporting period, the City of Anniston implemented the following management practices to control erosion and sedimentation within the City of Anniston:

- **4.A Erosion and Sedimentation Control Regulations:**
The City reviewed its current Stormwater Management Ordinance to determine where updates needed to be made to ensure that the City's ordinance meets the requirements of the NPDES Phase II MS4 permit. The City's code was updated to require that qualified construction projects implement appropriate erosion and sediment controls in accordance with ADEM's standards. The updated ordinance now includes the standard that all land disturbing activities with a total land disturbance of greater than or equal to one acre and activities that disturb less than one acre, but are part of a larger common plan of development, or sale that would disturb one acre or more will be required to apply for a Land Disturbance Permit and will be required to meet applicable Erosion and Sedimentation Control requirements. A copy of the amended ordinance is included in Appendix D.
- **4.B Qualified Credentialed Inspector (QCI) Program:** All inspectors performing erosion and sediment control inspections or reviewing site plans in the City of Anniston are required to attend the QCI training program to receive the QCI certification. Two City employees took the QCI course and were certified during this reporting period: Kevin Ashley, City Engineer, and James Green, City Inspector. A copy of the certification certificates is included in Appendix D.
- **4.C Erosion and Sediment Control Inspections:** The City has established an inspection program for construction sites in the City that meet the standards to be set in the City's Erosion & Sediment Control regulations and that are issued a Land Disturbance Activities Permit. City staff, who had received their QCI certification, performed site inspections utilizing ADEM form 500. Staff performed inspections on active construction sites during this permit period. When deficiencies were noted, City staff notified the site operator, and re-inspected the construction site to ensure that action was taken to correct deficiencies. Copies of all inspection reports are included in Appendix D.
- **4.D Site Plan Review:** The City's Stormwater Management Ordinance requires all applicants for Land Disturbance Permits to submit an Erosion and Sediment Control Plan (ESCP). The ESCP must be sealed by a registered professional engineer licensed in the State of Alabama and conform to the requirements found in the Alabama Handbook. The City did not issue development permits until it was established that the ESCP was consistent with City requirements. During the reporting period of April 1, 2014 – March 31, 2015, the City reviewed 12 site plans. Of these 12 site plans 11 were approved. A summary table of site plan reviews conducted is included in Appendix D.
- **4.E ADEM Notification:** The City did not need to notify ADEM regarding any construction sites during this report period.

- **4.F. Alabama Handbook:**
The City has standardized the use of the Alabama Handbook for the design, construction and installation of proper erosion and sediment control BMPs for qualifying developments within the City by specifically referencing it in the Stormwater Ordinance. All ESCP for qualifying sites are required to comply with the standards in the Alabama Handbook.
- **4.G Construction Site Pollution Control:** The City updated the Erosion and Sedimentation Control Regulations to include the following standards for construction site operators, "control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site." The City staff will look for these potential violations during site plan review and site inspections. A copy of the updated Ordinance with applicable language is included in Appendix D.
- **4.H Enforcement Tracking Database:** The City maintains a database of all enforcement actions taken at all qualifying construction sites. This database will include the location and contact information for the site, types of enforcement actions taken, date of action, recommended remediation measures, dates of any follow-up inspections, dates of any correspondence with the site operator/developer, dates of any correspondence with ADEM and the nature of that correspondence. During this reporting period, no enforcement actions were taken.
- **4.I Erosion and Sediment Control Record Keeping:** The City has maintained records of all inspection, site plan reviews and employee training. Records will include copies of the inspection checklist, records of the number of site plans reviewed and development permits issued, copies of employees QCI certifications, and records of any enforcement actions taken. As detailed above, copies of all applicable records are included in Appendix D.

The City has expanded its Erosion and Sedimentation Control program during this permit period, and is implementing the required management practices. During this reporting period, the City updated its Stormwater Management to require that qualified construction projects implement appropriate erosion and sediment controls in accordance with ADEM's standards. The City will implement the updated regulations through its Erosion and Sedimentation Control program.

b. Results of Information Collected and Analyzed

Based on the inspections conducted, the City has determined that the majority of active construction sites are complying with local and State requirements regarding Erosion and Sedimentation control. For those few sites that are not initially in compliance, those deficiencies were corrected through the process of inspection and notification by City staff.

c. Stormwater Activities to be Undertaken During the Next Reporting Cycle

The following activities will be conducted during the upcoming reporting period of April 1, 2015 – March 31, 2016.

- **4.A Erosion and Sedimentation Control Regulations:** The City will review its current Stormwater Management Ordinance and determine if updates are necessary to ensure that the City's

ordinance meets the requirements of the NPDES Phase II MS4 permit. The City will include any updates to its ordinance in the Annual Report.

- **4.B Qualified Credentialed Inspector (QCI) Program:** All inspectors performing erosion and sediment control inspections or reviewing site plans in the City of Anniston are required to attend the QCI training program to receive the QCI certification. Inspectors also take the refresher course each year to maintain their QCI certification. This allows staff to be aware of any changes occurring in the state's program from year to year and also provides an opportunity to educate the City's inspectors on proper erosion and sediment control BMPs. The City will continue to invest the time and resources to ensure that inspectors receive the proper training to receive and annually renew their QCI certification during this permit cycle.
- **4.C Erosion and Sediment Control Inspections:** The City has establish an inspection program for construction sites in the City that meet the standards to be set in the City's Erosion & Sediment Control regulations.

The City will continue to utilize ADEM form 500 to record the results of each erosion and sediment control inspection. During the site visit, all discharge points will be inspected and the site conditions will be compared to the approved erosion and sediment control plan. Any deficiencies that are noted will be reported to the site manager and/or the developer. The developer will be given a schedule to correct deficiencies noted during the inspection or face a stop work order until they are corrected. The City will not "close out" a development permit or issue a Certificate of Occupancy until all areas are permanently stabilized, all construction debris removed, and temporary sediment control structures removed. A final inspection is required prior to release from the permit.

Enforcement actions will be coordinated with ADEM and will vary based on the severity of the deficiencies. As outlined in the Stormwater Ordinance, the City has an escalating series of enforcement actions ranging from written warnings to stop work orders. When an erosion or sediment control complaint regarding a construction site is received, immediate action will be taken by the City to inspect, document and resolve the compliance issue using enforcement if needed. The complaints will be recorded in the Citizen Complaint database outlined in BMP 3.C.

- **4.D Site Plan Review:** The City's Stormwater Management Ordinance requires all applicants for Land Disturbance Permits to submit an Erosion and Sediment Control Plan (ESCP). The ESCP must accurately describe the potential for soil erosion and sedimentation problems resulting from land disturbance activities and shall explain and illustrate the measures that will be taken to control these problems. The length and complexity of the plan is to be commensurate with the size of the project, severity of the site condition, and potential for offsite discharge and/or damage. The plan must be sealed by a registered professional engineer licensed in the State of Alabama. The plan must also conform to the requirements found in the Alabama Handbook. The City will not issue development permits for applicable sites until it establishes that the ESCP is consistent with these requirements.

- **4.E ADEM Notification:** The City will notify ADEM, by phone and/or email, of qualified, permitted construction sites where a possible violation of the Clean Water Act has occurred. The notification will include the following information: name of development, location, name of site operator/developer, contact information, a copy of the inspection form, and photographs of the suspected violations. The inspection checklist will also be forwarded to ADEM upon request. Possible violations could include, but are not limited to: releases of sediment to a Water of the State/U.S. or failure to adhere to the City's corrective action request following an inspection.
- **4.F. Alabama Handbook:** The City will continue to require the use of the Alabama Handbook for the design, construction and installation of proper erosion and sediment control BMPs for qualifying developments within the City by specifically referencing it in the Stormwater Ordinance. All ESCP for qualifying sites are required to comply with the standards in the Alabama Handbook.
- **4.G Construction Site Pollution Control:** The City has updated its Erosion and Sedimentation Control Regulations to include the following standards for construction site operators, "control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site." The City staff will look for these types potential violations during site plan review and site inspections.
- **4.H Enforcement Tracking Database:** The City will maintain a database of all enforcement actions taken at all qualifying construction sites. This database will include the location and contact information for the site, types of enforcement actions taken, date of action, recommended remediation measures, dates of any follow-up inspections, dates of any correspondence with the site operator/developer, dates of any correspondence with ADEM and the nature of that correspondence.
- **4.I Erosion and Sediment Control Record Keeping:** The City will maintain records of all inspection, site plan reviews and employee training. Records will include copies of the inspection checklist, records of the number of site plans reviewed and development permits issued, copies of employees QCI certifications, and records of any enforcement actions taken.

[g. Proposed Changes to the SWMP](#)

There are no proposed changes to the SWMP at this time.

[d. Responsible Party](#)

The responsible parties for implementation of this minimum measure is:

Robert Dean
Director of Public Works
P.O. Box 2168
Anniston, AL 36202
256-231-7742 phone
256-231-7748 fax

5. Post Construction Stormwater Runoff Control

a. Status of Compliance with Permit Conditions

During the current reporting period, the City of Anniston implemented the following management practices to Post Construction Stormwater Runoff Control within the City of Anniston:

- **5.A. Stormwater Design Manual:** The City adopted as its stormwater design and best management practices (BMP) manual in general accordance with the 2003 Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas, prepared by ADEM. The handbook is incorporated by reference into the City's Stormwater Management Ordinance. All stormwater management plans for all qualifying development projects are required to implement structural and/or non-structural BMPs in compliance with the Alabama Handbook and the Stormwater Ordinance. During this reporting period, there were no updates to these standards.
- **5.B Stormwater Management Ordinance:** During this reporting period, the City reviewed its current Stormwater Management Ordinance to determine where updates needed to be made to ensure that the City's ordinance meets the requirements of the NPDES Phase II MS4 permit. The City's code was updated to require that qualified construction projects implement appropriate post construction stormwater controls in accordance with ADEM's standards. The updated ordinance includes the standard that all land disturbing activities with a total land disturbance of greater than or equal to one acre and activities that disturb less than one acre, but are part of a larger common plan of development, or sale that would disturb one acre or more will be required to apply for a Land Disturbance Permit and will be required to meet applicable Post Construction Stormwater Control requirements. A copy of this ordinance amendment is included in Appendix D.
- **5.C Site Plan Review:** The City performed site plan review of the stormwater management plans for all development and redevelopment projects that applied for a Land Disturbance Activity (LDA) Permit. The stormwater management plans were reviewed for compliance with the standards set forth in the City's Stormwater Management Ordinance. During the reporting period of April 1, 2014 – March 31, 2015, the City reviewed 12 site plans, of which only 3 qualified for Land Disturbance Activity Permits, and all three sites received approval of their site plans and were issued LDA permits. A summary table of site plan reviews conducted is included in Appendix D.
- **5.D Maintenance Agreement:** The City Stormwater Management Ordinance requires that the owner of property to be served by an onsite stormwater management facility must execute an inspection and maintenance agreement that shall operate as a deed restriction binding on the current property owner and all subsequent property owners. The Maintenance Agreement must assign responsibility for the maintenance and repair of the stormwater facility to the owner of the property and provide for a periodic inspection by the property owner for the purpose of documenting maintenance and repair needs and ensure compliance. The City requires that Maintenance Agreements are executed for all applicable on-site stormwater management

facilities designed and/or constructed in the upcoming reporting period. There was one new maintenance agreement established for a detention pond during the current reporting period. One (1) existing privately-owned pond was inspected during the reporting period. Records of the agreement and the inspection are included in Appendix E.

- **5.E City-Owned Structural BMP Maintenance:** The City performs routine inspections and maintenance on stormwater management facilities, owned by the City. The City currently has two (2) detention ponds that it is responsible for maintaining. During this reporting period, the city performed routine maintenance of these ponds, including mowing of the embankments, dredging, and removal of debris and trash. Records of the inspection and recommended maintenance activities are included in Appendix E.

The City is implementing a comprehensive program to address post construction stormwater issues. During this reporting period, the City updated its Stormwater Management Ordinance to be compliant with NPDES Phase II MS4 regulations. The City will ensure that new development sites meet the requirements of the City Stormwater Management Ordinance, and that inspection and Maintenance Agreements are executed for any new private stormwater controls, such as detention ponds.

b. Results of Information Collected and Analyzed

Based on the results of the city-owned detention pond inspections performed during this reporting period, it appears that these structures are well maintained and functioning properly to address water quantity and water quality of stormwater runoff.

c. Stormwater Activities to be Undertaken During the Next Reporting Cycle

The following activities will be conducted during the upcoming reporting period of April 1, 2014 – March 31, 2015.

- **5.A Stormwater Management Ordinance:** The City adopted as its stormwater design and best management practices (BMP) manual in general accordance with the 2003 Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas, prepared by ADEM. The handbook is incorporated by reference into the City's Stormwater Management Ordinance. All stormwater management plans for all qualifying development projects are required to implement structural and/or non-structural BMPs in compliance with the Alabama Handbook and the Stormwater Ordinance. If the City adopts new standards or a new Stormwater Design Manual, that document shall be submitted to ADEM.
- **5.B Site Plan Review:** The City will perform site plan review of the stormwater management plans for all development and redevelopment projects that apply for a Land Disturbance Activity (LDA) Permit. The stormwater management plans must include the information and materials as stipulated in the City Stormwater Management Ordinance. No developments may begin construction activities until the site plan and Land Disturbance Permit has been approved.
- **5.D Maintenance Agreement:** The City Stormwater Management Ordinance requires that the owner of property to be served by an onsite stormwater management facility must execute an inspection and maintenance agreement that shall operate as a deed restriction binding on the current property owner and all subsequent property owners. The Maintenance Agreement must

assign responsibility for the maintenance and repair of the stormwater facility to the owner of the property and provide for a periodic inspection by the property owner for the purpose of documenting maintenance and repair needs and ensure compliance. The Maintenance Agreement grants permission to the City to enter the property at reasonable times and to inspect the stormwater facility to ensure that it is being properly maintained. If maintenance is not conducted according to the plan set forth in the agreement, and the standards in the Handbook, the City is granted the right to perform the necessary maintenance and recoup the money from the property owner. This requirement applies to all structures built after the adoption of this ordinance. The City will require that Maintenance Agreements are executed for all applicable on-site stormwater management facilities designed and/or constructed in the upcoming reporting period.

- **5.E City-Owned Structural BMP Maintenance:** The City will continue to implement a routine structural BMP inspection and maintenance program to ensure that on-site stormwater management facilities, owned or operated by the City, are being maintained according to the recommendations in the Alabama Handbook. The City currently has two (2) Structural BMPs that it is responsible for maintaining. If deficiencies are noted during the inspection, the City will initiate maintenance procedures. The City will maintain records of the inspection and maintenance activities.
- **5.F. Green Infrastructure Ordinance Review:** The City shall review and revise, where necessary, building codes, ordinances, and other regulations to ensure they do not prohibit or impede the use of Green Infrastructure/Low Impact Development (GI/LID) practices, including infiltration, reuse, and evapo-transpiration. The City intends to utilize the Center for Watershed Protection's Code and Ordinance Worksheet to perform this review. The Code and Ordinance Worksheet allows an in-depth review of the standards, ordinances, and codes (i.e., the development rules) that shape how development occurs in a community.

The City will complete the initial evaluation by January 2016 and will submit a copy to ADEM with the subsequent annual report. Any recommended revisions to local ordinances and codes will be scheduled for adoption after the completion of this review.

Proposed Changes to the SWMP

There are no proposed changes to the SWMP at this time.

d. Responsible Party

The responsible parties for implementation of this minimum measure is:

Robert Dean
Director of Public Works
P.O. Box 2168
Anniston, AL 36202
256-231-7742 phone
256-231-7748 fax

6. Good Housekeeping

a. Status of Compliance with Permit Conditions

During the current reporting period, the City of Anniston implemented the following Good Housekeeping management practices within the City of Anniston:

- **6.A City Facility Inspections:** City staff perform stormwater site inspections for the following nine (9) City facilities during this permit period. The nine (9) municipal facilities that were inspected are the two (2) Public Works facilities, five (5) Fire Stations, and two (2) Parks and Recreation facilities. City staff did not find evidence of pollutants leaving the site at any of these facilities. City staff did make note of the lack of a spill kit or absorbent materials at one site, and the City will be sure remedy this issue during the upcoming permit period. City staff completed an inspection checklist at each site and those checklists are included in Appendix F.
- **6.B City Employee Training:** City personnel attended two training workshops that addressed Phase II requirements, including IDDE. The workshops were:
 - *Innovative Erosion & Sediment Control Research & Field Day:* Held by Auburn University on May 29-30, 2014. The event was attended by Anniston employee James Green, City Inspector. The Agenda and a copy of the certificate of attendance are included in Appendix C.
 - *Using the Revised Universal Soil Loss Equation (RUSLE2) to Predict Soil Erosion and Sediment Deposition on Construction Sites:* Held by Alabama Erosion & Sediment Control Partnership and IECA Southeastern Chapter on March 11-12, 2014. This workshop was attended by Anniston employee Kevin Ashley, City Engineer. A copy of the certificate of attendance is included in Appendix C.
- **6.B De-Icing Program:** All bulk material, such as sand and aggregate, was protected onsite by a three (3) foot retaining wall with sediment ponds installed to allow for settling of any materials that may inadvertently enter the stormwater system. When de-icing was necessary, the City attempted to limit the use of road salts and use a sand/calcium chloride mixture, when possible. Calcium Chloride was never stored outside and was kept in #50 sealed bags inside the City's warehouse.
- **6.C Street Sweeping:** The City performed 1004 hours of street sweeping services, totaling 5,121 miles during this reporting period. Street sweeping was performed on a continuous, daily basis. The route included all City streets with curb and gutter.
- **6.D MS4 Maintenance Program:** The City performed the following maintenance functions to ensure proper functioning of the MS4:
 - Right-Of-Way (ROW) Maintenance: This included removal of debris and sediment from catch basins, inlets, and ditches; removal of litter and mowing in the ROWs; grading of ditches; and condition assessments of drainage structures. Structures that need repair

or replacement were entered into the Work Order Database system, and records of those repairs are included in Appendix F.

- Leaf removal: The City dedicated crew to leaf removal during the months of October to April. This crew operated leaf vacuum machines that removed leaves from the MS4 including storm drains, inlets, ditches, etc.
- **6.E Water Quality Impact Assessment:** During this permit period of April 1, 2014 – March 31, 2015, the City of Anniston performed the analysis necessary and developed a proposal to reduce nutrient, sediment, and flow at the upstream confluence of the west branch of Snow Creek by constructing four large detention/infiltration basins. The City has been pre-approved to apply for the State Revolving Fund funding for this project during the upcoming reporting period. A copy of the pre application is included in Appendix F.

b. Results of Information Collected and Analyzed

Based on the results of the City facility inspections conducted by the City staff, it appears that the City has successfully implemented good housekeeping procedures. Furthermore, implementation of the CIP at Snow Creek indicates that the City is working to improve its drainage system to better address stormwater quantity and quality issues.

c. Stormwater Activities to be Undertaken During the Next Reporting Cycle

The following activities will be conducted during the upcoming reporting period of April 1, 2014 – March 31, 2015.

- **6.A City Facility Inspections:** City staff will perform an annual stormwater site inspection for City facilities with potentially polluting activities during this permit period. The nine (9) municipal facilities that will be inspected are the two (2) Public Works facilities, five (5) Fire Stations, and two (2) Parks and Recreation facilities. A City inspector will visit the site and assess the condition and presence of pollutants.
- **3.H City Employee Training:** The employee good housekeeping training program will be coordinated with the training program for IDDE. The City of Anniston will provide information on illicit discharges and how to prevent stormwater pollution in the work place for staff that deal with potentially polluting materials as part of their daily activities. The City will first identify appropriate materials, including, but not necessarily limited to brochures, training videos, and outside training courses. The City will then initiate an annual training session to be held in association with other Public Works training and/or meetings. The City will keep records of the employees that attend this training and the materials that were distributed. Alternatively, the City may opt to send employees to another applicable training program, conference or seminar.
- **6.B De-Icing Program:** De-icing is not a significant activity in this region, and the City of Anniston does not stockpile large quantities of materials for deicing. Any bulk material, such as sand and aggregate, is protected onsite by a three (3) foot retaining wall with sediment ponds installed to allow for settling of any materials that may inadvertently enter the stormwater system. When de-icing is necessary, the City attempts to limit the use of road salts and use a sand/calcium chloride mixture, when possible. Calcium Chloride is in #50 sealed bags inside the City's

warehouse. Any excess materials that may accumulate in any part of the stormwater system as a result of de-icing activities will be removed during the associated routine maintenance program.

- **6.C Street Sweeping:** The City will continue to perform street sweeping on a continuous, daily basis that reaches all City streets with curb and gutter every year.
- **6.D MS4 Maintenance Program:** The City will perform the following maintenance functions to ensure proper functioning of the MS4:
 - Right-Of-Way (ROW) Maintenance: The City has a crew dedicated to maintenance of the City ROWs. This includes removal of debris and sediment from catch basins, inlets, and ditches; removal of litter and mowing in the ROWs; grading of ditches; and condition assessments of drainage structures. Structures that need repair or replacement are entered into the work order database system. The crew reaches all ROW in the City at least once per year. Debris removed from the MS4 is properly disposed of and sediment is re-purposed after any trash or litter is removed.
 - Leaf removal: The City has a dedicated crew for leaf removal that is continuously operating during the months of October to April. This crew operates leaf vacuum machines that remove leaves from the MS4 including storm drains, inlets, ditches, etc. The City crews address the entire MS4 approximately three (3) times per year.
- **6.E Water Quality Impact Assessment:** The City of Anniston operates a Capital Improvement Program to address structural flood management and drainage issues. To that end, the City will conduct a water quality impact assessment during the design phase of drainage and flooding related CIPs, if funding becomes available for their implementation. This assessment for each new CIP design will become a permanent part of the CIP file.

d. Proposed Changes to the SWMP

There are no proposed changes to the SWMP at the current time.

e. Responsible Party

The responsible parties for implementation of this minimum measure is:

Robert Dean
Director of Public Works
P.O. Box 2168
Anniston, AL 36202
256-231-7742 phone
256-231-7748 fax

Certification for City of Anniston, Alabama

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Brian L. Johnson, ICMA-CM
City Manager
Anniston, Alabama

Date



Stormwater User Fees

The City of Anniston adopted an ordinance on Monday, July 14, 2014 that established a stormwater user fee charge applicable to property owners within the City. The initial charge will be included on your October 2014 property tax bill. Single-family residential property owners will receive a \$10 fee per year, and non-single family residential property owners will be charged based on the amount of impervious surface on their property. The City has chosen to charge a stormwater user fee to fund stormwater regulatory compliance services because this method was specifically allowed by the State Legislature under Act 2014-439.

Please call the City at 256-231-7722 or visit www.anniston1.com for more information.

The City of Anniston
One City, One Vision.



Phone: 256-231-7722
E-mail: ajackson@anniston1.com

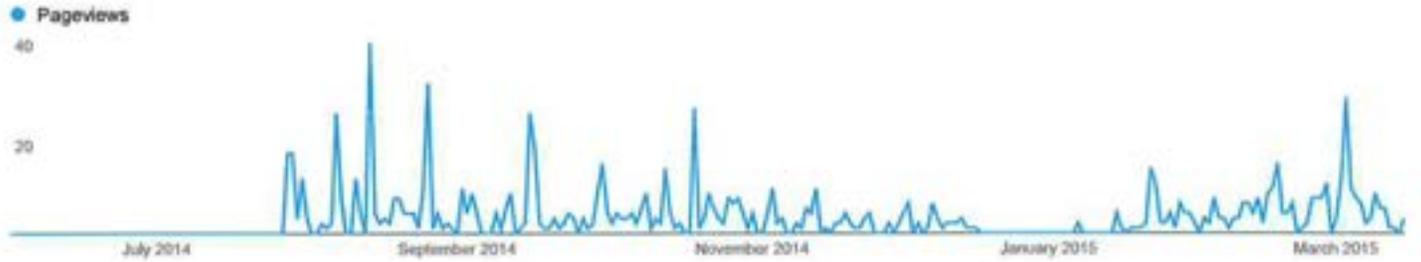
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ANNISTON AQUATIC & FITNESS CENTER



Stormwater User Fees

- Mayor
- City Council
- Municipal Court
- Departments
- Document Central
- Boards & Commissions
- Parks & Recreation
- Cane Creek Grill
- Programs & Initiatives
- Assistance Center
- Media
- City Meeting Center
- Transportation Services
- Links & Resources
- Connect
- Model City Magazine

Stormwater User Fees



The Mayor and City Council approved an **ordinance** on Monday, July 14, 2014 that established a stormwater user fee charge system for the City of Anniston, Alabama. Residents and business owners in Anniston should expect to see this annual fee **beginning** on their October 2014 **property** tax bill. The **City** chose a stormwater user fee

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City Meeting Center

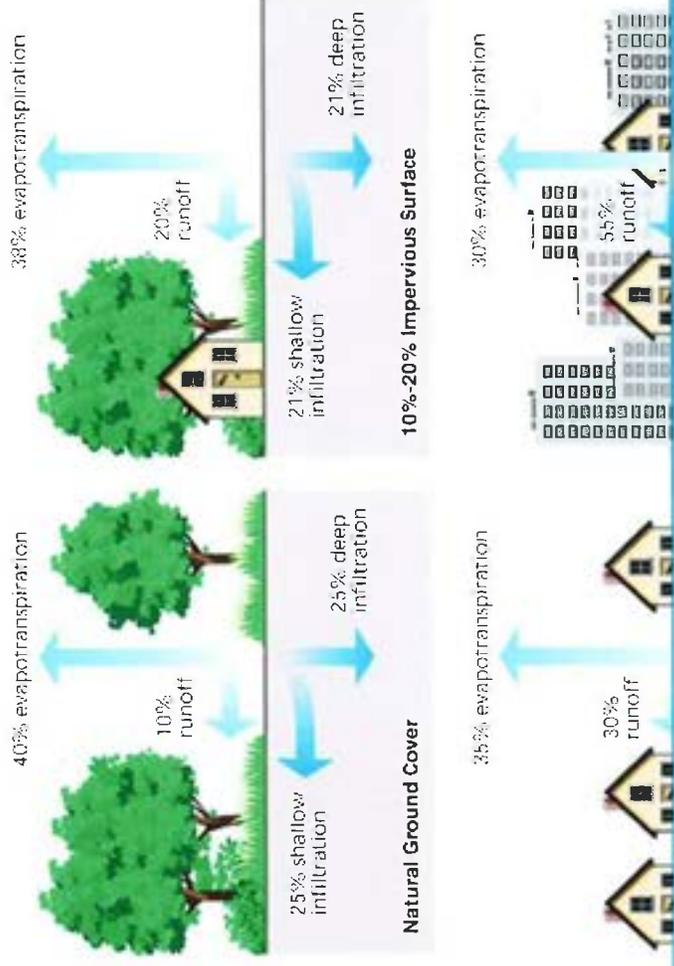
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The Stormwater User Fee

First, let's take a look at the Stormwater User Fee and what it is based on: impervious surface...



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The NPDES-Phase II MS4 Permit

The City of Anniston is responsible for the management and regulation of stormwater runoff and drainage issues within the City and must comply with a National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) Permit from the Alabama Department of Environmental Management (ADEM). The NPDES-Phase II MS4 permit can be found [here](#).

Compliance

In order to be compliant with this permit, the City must undertake various activities including, but not limited to: the cleaning of ditches and pipe systems; replacement of aging culverts and drainage structures, inspections, water quality screening of outfalls, and regulation of new development. The regulatory requirements of this permit have driven the City's need to develop and implement a more comprehensive stormwater management program (SWMP).

Although the State and Federal government have imposed these environmental regulations on the City, there has not been any corresponding funding from these agencies to assist the City with meeting its requirements. As such, these regulations are essentially an unfunded regulatory mandate that the City must address.



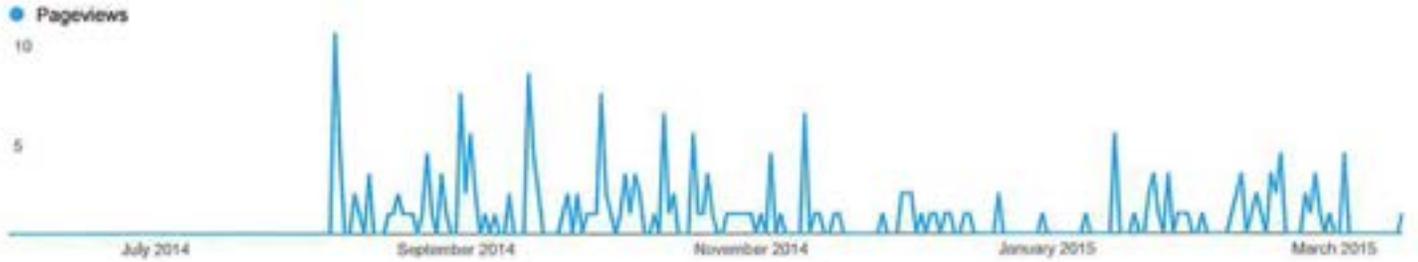
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Stormwater User Fee FAQs

What is Stormwater Runoff?
 What is the City of Anniston's responsibility for managing the impacts of stormwater runoff?
 How is the City of Anniston proposing to fund expanding SWMP needs?
 What is a Stormwater User Fee?
 What is the City of Anniston's authorization to charge Stormwater User Fees to property owners?
 How do you calculate a Stormwater User Fee charge?
 How is my Stormwater User Fee calculated?
 Why did the City decide to implement a Stormwater User Fee charge?
 What will be the billing frequency and the billing mechanism?
 Who do I call if I have additional questions?

What is Stormwater Runoff?
 Stormwater runoff is rainfall that drains off rooftops, driveways, sidewalks, parking lots, roads, compacted soil, gravel, and other surfaces that prohibit the infiltration of rainfall into the ground. The stormwater runoff then flows into the City drainage system and into our local streams/creeks. All developed properties in the City contribute stormwater runoff to the drainage system and, in some cases, to recurring drainage problems. In addition to flooding problems, stormwater runoff washes chemicals, debris, trash and other pollutants into the drainage system and our local surface waters.

What is the City of Anniston's responsibility for managing the impacts of stormwater runoff?
 The City of Anniston is responsible for the management and regulation of stormwater runoff and drainage issues within the City and must comply with a National Pollutant



Stormwater Pollution Solutions

Residential

Recycle or properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, solvents, and used motor oil and other auto fluids. Don't pour them onto the ground or into storm drains.

Lawn care

Excess fertilizers and pesticides applied to lawns and gardens wash oil and pollute streams. In addition, yard clippings and leaves can wash into storm drains and contribute nutrients and organic matter to streams.



- ◆ Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- ◆ Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- ◆ Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- ◆ Cover piles of dirt or mulch being used in landscaping projects.

Septic systems

Leaking and poorly maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.



- ◆ Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- ◆ Don't dispose of household hazardous waste in sinks or toilets.

Auto care

Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sewer system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.



- ◆ Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.
- ◆ Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

Education is essential to changing people's behavior. Signs and markers near storm drains warn residents that pollutants entering the drains will be carried untreated into a local waterbody.

Residential landscaping

Permeable Pavement—Traditional concrete and asphalt don't allow water to soak into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to soak through, decreasing stormwater runoff.

Rain Barrels—You can collect rainwater from rooftops in mosquito-proof containers. The water can be used later on lawn or garden areas.



Rain Gardens and Grassy Swales—Specially designed areas planted with native plants can provide natural places for rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.



Vegetated Filter Strips—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.

Commercial

Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system and eventually enter local waterbodies.

- ◆ Sweep up litter and debris from sidewalks, driveways and parking lots, especially around storm drains.
- ◆ Cover grease storage and dumpsters and keep them clean to avoid leaks.
- ◆ Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be carried into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids that can be picked up by stormwater and deposited into local waterbodies.

- ◆ Divert stormwater away from disturbed or exposed areas of the construction site.
- ◆ Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.
- ◆ Prevent soil erosion by minimizing disturbed areas during construction projects and seed and mulch bare areas as soon as possible.

Construction

Agriculture

Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.

- ◆ Keep livestock away from streambanks and provide them a water source away from waterbodies.
- ◆ Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- ◆ Vegetate riparian areas along waterways.
- ◆ Rotate animal grazing to prevent soil erosion in fields.
- ◆ Apply fertilizers and pesticides according to label instructions to save money and minimize pollution.

Automotive Facilities



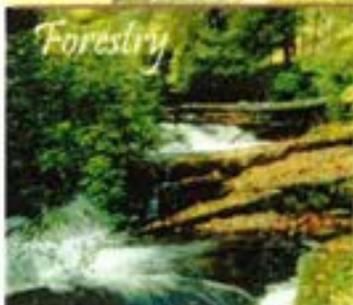
Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmful fluids that can be picked up by stormwater.

- ◆ Clean up spills immediately and properly dispose of cleanup materials.
- ◆ Provide cover over fueling stations and design or retrofit facilities for spill containment.
- ◆ Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies.
- ◆ Install and maintain oil/water separators.

Forestry

Improperly managed logging operations can result in erosion and sedimentation.

- ◆ Conduct preharvest planning to prevent erosion and lower costs.
- ◆ Use logging methods and equipment that minimize soil disturbance.
- ◆ Plan and design skid trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- ◆ Construct stream crossings so that they minimize erosion and physical changes to streams.
- ◆ Expedite revegetation of cleared areas.



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.

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

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?

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.

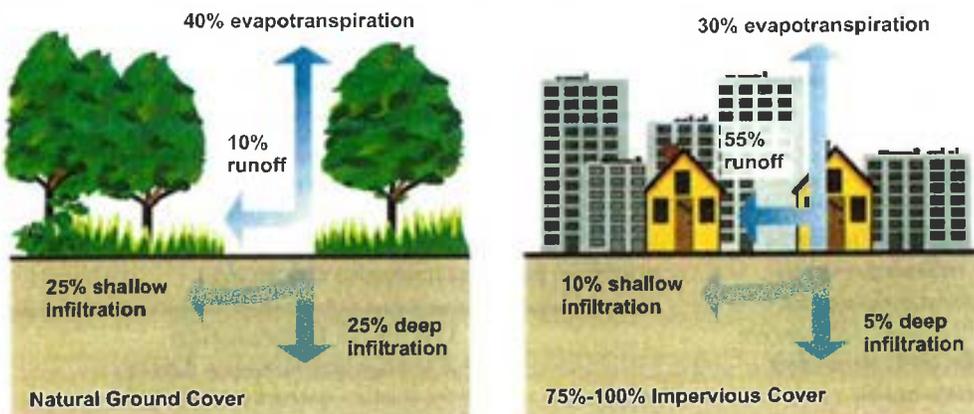
The loss of infiltration from urbanization may also cause profound groundwater changes. Although urbanization leads to great increases in flooding during and immediately after wet weather, in many instances it results in lower stream flows during dry weather. Many native fish and other aquatic life cannot 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 runoff. As little as 10 percent impervious cover in a watershed can result in stream degradation.

... Adopt-A-Stream today.

The Adopt-A-Stream program is one of the fastest growing and most successful environmental efforts in Alabama.



Unique to Alabama, the Adopt-A-Stream program affords the adopting groups (i.e. civic groups, schools, clubs, businesses, churches, and families) the opportunity to "make a difference" in their respective county, city, or community.

Alabama Pals (People Against A Littered State), the sponsoring organization for the Adopt-A-Stream Program, works with each group to ensure that they are provided with the proper "tools" to make their efforts successful.

- Large Adopt-A-Stream Litter Bags
- Safety Vests
- Group Recognition Adopt-A-Stream Signs
- Pick-up Tools
- Monitoring Forms

Make A Commitment Today – Adopt-A-Stream

Streams are available to be adopted for two-year periods. During the adoption period, the stream crossing should be maintained and kept litter free. Monitoring forms should be completed and returned to Alabama PALS at each point of maintenance.



Steps to Adopting Your Stream

1. Choose An Unadopted Stream In Your Area.
2. Complete the Adopt-A-Stream Application.
3. Return the Application to Alabama PALS.
4. Alabama PALS will Contact You Upon Receiving Application.



For additional information call Alabama PALS at 1-800-ALA PALS.

Thank you for your commitment.



Application for Adopt-A-Stream Program

Name of Participating Group _____

Location of Proposed Stream Crossing _____

Affiliation _____

Address _____

City, State, Zip _____

County _____

Phone Number _____

Location of Adopt-A-Stream Signs (Highway #, etc.) _____

Contact Person _____

Let's Fight Blight Together

Electronic Recycling will be available. Items received are anything electronic except televisions.



Date: April 12, 2014

Time: 9 am– 1 pm

Meet at 2501 McClellan Blvd.

City Armory

Come join the fun!!!

Tee Shirts and all supplies needed will be provided.

BBQ to follow the clean-up.

Come show your support for the City of Anniston and help us make Anniston a cleaner place to live!!

Contact person: Tana Bryant, Code Enforcement Officer 256-231-7733

RAIN BARREL WORKSHOP

at the

American Red Cross

Sept. 19

1514 W 10th Street, Anniston



10:00-11:30 am

Presented by:

*Chamber Community Improvement Committee
and Alabama Land Trust*

*Learn how you can use a rain barrel to help your business and our community
Construct and Take a Rain Barrel with You*

The workshop is FREE and only 20 spots are available!

Benefits and Uses!

- Cost-effective alternative to using tap water for watering yards and gardens
- Reduces peak volume and velocity of storm water runoff to streams and sewer systems
 - Help to reduce peak water demand during summer months
- Applicable to all types of sites (residential/commercial/industrial)
 - Takes advantage of already existing source of fresh rainwater
 - Inexpensive to install and maintain

For more information, contact Lisa Morales at lisam@calhouchamber.com or call 256-237-3536.



Alabama Clean Water Partnership 10th Annual Watershed Conference
Wednesday, February 18th, 2015 ~ 9:00 a.m. – 3:30 p.m.
Renaissance Montgomery Hotel & Spa at the Convention Center
201 Tallapoosa Street ~ Montgomery, Alabama 36104

AGENDA

Registration/Networking/ABLE Exhibits		9:00
Welcome	Mike Godfrey, Board Chairman Jason Reid, Home Builders Assn. of AL	10:00
Planning for the ACWP's Future	Allison Jenkins, Executive Director	10:15
Unlocking the Geologic History of Alabama Rivers: Probing the Ancient Origins of the Aquatic Biodiversity	Dr. Jim Lacefield, Author Adjunct Professor, Biology/Earth Sciences, Retired University of North Alabama	10:30
Presentation of Limited Edition Print And Partner Recognition	Keith Smith, Artist Allison Jenkins	11:30
Lunch set-up Award Photos/Book Sales & Signing	Award Recipients/All	11:45
Lunch/Networking/ABLE Exhibits	All	12:15
Planning for Alabama's Natural Resources	Kellie Johnston, Black Warrior Facilitator	1:00
Panel: Meeting MS4 Stormwater Permit Requirements with ACWP assistance	Josh Yates, City of Tuscaloosa Chad Scroggins, Shelby County Kevin Ashley, City of Anniston	1:30
Economic Impacts of Riverfront Development (Including Chattahoochee Whitewater Express)	Mac McLeod, Director of Business & Commercial Development, Montgomery, Alabama John Turner, Chairman, Uptown Columbus Columbus, Georgia	2:40
Conference Adjourns		3:30

Special Thanks to our Conference Sponsors:

Action Environmental ~ Alabama Department of Environmental Management
Alabama Farmers Federation ~ Alabama Forestry Association-Sustainable Forestry Initiative
Alabama Wildlife Federation ~ Center for Water Resource Economics - Troy University, Phenix City
Georgia-Pacific (Brewton) ~ Home Builders Association of Alabama
The Nature Conservancy, AL Chapter ~ Toray Carbon Fibers America
Tri Rivers Waterway Development Association ~ Westervelt Ecological Services

Thanks to all of our partners for your support of The Alabama Clean Water Partnership.
BECAUSE OF YOUR INVOLVEMENT WE ARE MAKING A DIFFERENCE!

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>CANE CREEK</u>		Outfall ID: <u>A 01</u>	
Today's Date: <u>02/25/2015</u>		Time (24 hour/Military): <u>09:48</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By: <u>JAMES H. GREEN</u>	
Temperature (°F): <u>36°</u>	Rainfall (in):	Last 24 hours:	Last 48 hours:
Latitude: <u>33°44'06"N</u>	Longitude: <u>85°49'45"W</u>	Coord. Obtained: <u>Computer / GPS</u>	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input checked="" type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: <u>ZZ"</u> 	In Water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input checked="" type="checkbox"/> In Stream	<i>(applicable when collecting samples)</i>			
Flow Present?	<u>Yes</u> or No (If No then skip to section 5)			
Flow Description	<input checked="" type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
Parameter	Result	Unit	Equipment	
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input type="checkbox"/> Flow #2	Flow Depth	<u>10"</u>	In	Tape Measure
	Flow Width	<u>8'0"</u>	Ft, In	Tape Measure
	Measured Length	<u>30'0"</u>	Ft, In	Tape Measure
	Time of Travel	<u>340</u>	Sec	Stop Watch
Temperature		°F	Thermometer	
pH		pH units	Test Strip / Probe	
Ammonia		mg/L	Test Strip	
Nitrite		mg/L	Test Strip	
Phosphate		mg/L	Test Strip	

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>AD 083</u>	
Today's Date: <u>7/1/14</u>		Time (24 hour/Military): <u>1530</u>	
Investigators: <u>V. Adley</u>		Form Completed By: <u>V. Adley</u>	
Temperature (°F): <u>93°</u>	Rainfall (in): <u>0</u>	Last 24 hours: <input checked="" type="checkbox"/>	Last 48 hours: <input checked="" type="checkbox"/>
Latitude:	Longitude:	Coord. Obtained: Computer / GPS	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: <u>Highway</u>		
<input type="checkbox"/> Commercial	Known Industries:		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input checked="" type="checkbox"/> Other: <u>V</u>	Depth: <u>5</u> Top Width: <u>5</u> Bottom Width: <u>0</u> Side Slope: <u>1:1</u>	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; origin unk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

Erosion issues within the ditch
 - Remove silt & sand from ~~rest~~ sides in next culvert band

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>Cove Creek</u>		Outfall ID: <u>AD 004</u>	
Today's Date: <u>7/9/14</u>		Time (24 hour/Military): <u>1615</u>	
Investigators: <u>K. Whay</u>		Form Completed By: <u>K. Whay</u>	
Temperature (°F): <u>82</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: <u>Computer / GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: <u>None</u>		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input checked="" type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>5</u> Top Width: <u>10</u> Bottom Width: <u>2</u> Side Slope: <u>2:1</u>	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (if No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input checked="" type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input type="checkbox"/> Pool
3. Intermitten flow trap set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No issues

- If allowed, we could remove rock from downstream end of culvert crossing Patchet Way

3,115

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>H005</u> <i>Rep Rep down on list</i>	
Today's Date: <u>7/9/14</u>		Time (24 hour/Military): <u>1500</u>	
Investigators: <u>V. Acilla</u>		Form Completed By: <u>V. Acilla</u>	
Temperature (°F): <u>82</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: <u>Computer / GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional <u>Old P.H. C.</u>		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input checked="" type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>2'</u> Top Width: <u>8</u> Bottom Width: <u>2</u> Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
Parameter	Result	Unit	Equipment	
<input checked="" type="checkbox"/> Flow #1	Volume	Liter	Bottle	
	Time to Fill	Sec	Stop Watch	
<input checked="" type="checkbox"/> Flow #2	Flow Depth	In	Tape Measure	
	Flow Width	Ft, In	Tape Measure	
	Measured Length	Ft, In	Tape Measure	
	Time of Travel	Sec	Stop Watch	
Temperature		°F	Thermometer	
pH		pH units	Test Strip / Probe	
Ammonia		mg/L	Test Strip	
Nitrite		mg/L	Test Strip	
Phosphate		mg/L	Test Strip	

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are **any physical** Indicators Present in Flow? Yes No (If No then **Skip** to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No Issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>A 06</u>	
Today's Date: <u>02/24/2015</u>		Time (24 hour/Military): <u>11:19</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By:	
Temperature (°F): <u>35°</u>	Rainfall (in):	Last 24 hours:	Last 48 hours:
Latitude: <u>33°43'51"N</u>	Longitude: <u>85°46'35"W</u>	Coord. Obtained: <u>Computer/GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>48"</u> Top Width: <u>108"</u> Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	<i>(applicable when collecting samples)</i>			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>A 09</u>	
Today's Date: <u>02/25/2015</u>		Time (24 hour/Military): <u>11:00</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By:	
Temperature (°F): <u>36°</u>	Rainfall (in):	Last 24 hours:	Last 48 hours:
Latitude: <u>33°42'45" N</u>	Longitude: <u>85°46'37" W</u>	Coord. Obtained: <u>Computer</u> GPS	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>15"</u> Top Width: <u>48"</u> Bottom Width: <u>15"</u> Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>A 010</u>	
Today's Date: <u>02/24/2015</u>		Time (24 hour/Military): <u>10:46</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By:	
Temperature (°F): <u>35°</u>	Rainfall (in):	Last 24 hours:	Last 48 hours:
Latitude: <u>33°42'48" N</u>	Longitude: <u>85°46'24" W</u>	Coord. Obtained: <u>Computer</u> / GPS	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>3'</u> Top Width: <u>24'</u> Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	<u>Yes</u> or No (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
Parameter	Result	Unit	Equipment	
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth	<u>2 1/2</u>	In	Tape Measure
	Flow Width	<u>6.0</u>	Ft, In	Tape Measure
	Measured Length	<u>30.0</u>	Ft, In	Tape Measure
	Time of Travel	<u>24'</u>	Sec	Stop Watch
Temperature		°F	Thermometer	
pH		pH units	Test Strip / Probe	
Ammonia		mg/L	Test Strip	
Nitrite		mg/L	Test Strip	
Phosphate		mg/L	Test Strip	

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>A 011</u>	
Today's Date: <u>02/25/2015</u>		Time (24 hour/Military): <u>10:33</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By:	
Temperature (°F): <u>37°</u>	Rainfall (in):	Last 24 hours:	Last 48 hours:
Latitude: <u>33°43'11"N</u>	Longitude: <u>85°47'32"W</u>	Coord. Obtained: <u>Computer / GPS</u>	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: <u>18"</u> 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (if No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>Ingram Creek</u>		Outfall ID: <u>A015</u>	
Today's Date: <u>10/13/14</u>		Time (24 hour/Military): <u>1300</u>	
Investigators: <u>K. Ashby</u>		Form Completed By: <u>K. Ashby</u>	
Temperature (°F): <u>65°</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude: <u>33° 47' 24" N</u>	Longitude: <u>85° 47' 11" W</u>	Coord. Obtained: <u>Computer / GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space	<u>old Ft. McClellan</u>	
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>4</u> Top Width: <u>20</u> Bottom Width: <u>4</u> Side Slope: <u>2:1</u>	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input checked="" type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
Parameter	Result	Unit	Equipment	
<input checked="" type="checkbox"/> Flow #1	Volume	Liter	Bottle	
	Time to Fill	Sec	Stop Watch	
<input checked="" type="checkbox"/> Flow #2	Flow Depth	In	Tape Measure	
	Flow Width	Ft, In	Tape Measure	
	Measured Length	Ft, In	Tape Measure	
	Time of Travel	Sec	Stop Watch	
Temperature		°F	Thermometer	
pH		pH units	Test Strip / Probe	
Ammonia		mg/L	Test Strip	
Nitrite		mg/L	Test Strip	
Phosphate		mg/L	Test Strip	

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No Issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>Cape Creek</u>		Outfall ID: <u>110 M</u>	
Today's Date: <u>10/3/14</u>		Time (24 hour/Military): <u>1400</u>	
Investigators: <u>K. A. H. A.</u>		Form Completed By: <u>K. H. S. M. Y.</u>	
Temperature (°F): <u>65</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude: <u>33° 41' 54" N</u>	Longitude: <u>85° 47' 24" W</u>	Coord. Obtained: <u>Computer / GPS</u>	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input checked="" type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (if No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		*F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are **any** physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No Issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>Cove Creek</u>		Outfall ID: <u>1018</u>	
Today's Date: <u>11/21/14</u>		Time (24 hour/Military): <u>1515</u>	
Investigators: <u>K. Hehn</u>		Form Completed By: <u>K. Ashley</u>	
Temperature (°F): <u>59°</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: <u>Computer / GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: <u>Golf Course</u>		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	<u>Yes</u> or <u>No</u> (If No then skip to section 5)			
Flow Description	<input checked="" type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No Issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>Wema + Creek</u>		Outfall ID: <u>A-19</u>	
Today's Date: <u>11/21/14</u>		Time (24 hour/Military): <u>1450</u>	
Investigators: <u>K. Ashby</u>		Form Completed By: <u>K. Ashby</u>	
Temperature (°F): <u>59</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: <u>Computer / GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
Parameter	Result	Unit	Equipment	
<input checked="" type="checkbox"/> Flow #1	Volume	Liter	Bottle	
	Time to Fill	Sec	Stop Watch	
<input checked="" type="checkbox"/> Flow #2	Flow Depth	In	Tape Measure	
	Flow Width	Ft, In	Tape Measure	
	Measured Length	Ft, In	Tape Measure	
	Time of Travel	Sec	Stop Watch	
Temperature		°F	Thermometer	
pH		pH units	Test Strip / Probe	
Ammonia		mg/L	Test Strip	
Nitrite		mg/L	Test Strip	
Phosphate		mg/L	Test Strip	

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input checked="" type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
2. If yes, collected from:	<input type="checkbox"/> Flow	<input checked="" type="checkbox"/> Pool	
3. Intermitten flow trap set?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No Issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>Peconic Creek</u>		Outfall ID: <u>A020 Western Side Barber across h. of Mill Lake</u>	
Today's Date: <u>11/21/14</u>		Time (24 hour/Military): <u>1430</u>	
Investigators: <u>V. Kelly</u>		Form Completed By: <u>K. Kelly</u>	
Temperature (°F): <u>59-1</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: <u>Computer</u> / GPS	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: <u>old Ft. McJannet</u>		
<input type="checkbox"/> Commercial	Known Industries:		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (If No then skip to section 5)			
Flow Description	<input checked="" type="checkbox"/> Tickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
Parameter	Result	Unit	Equipment	
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
Temperature		°F	Thermometer	
pH		pH units	Test Strip / Probe	
Ammonia		mg/L	Test Strip	
Nitrite		mg/L	Test Strip	
Phosphate		mg/L	Test Strip	

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; origin unk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No Issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>CANE CREEK</u>		Outfall ID: <u>A023</u>	
Today's Date: <u>02/24/2015</u>		Time (24 hour/Military): <u>11:45</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By:	
Temperature (°F): <u>35°</u>	Rainfall (in):	Last 24 hours:	Last 48 hours:
Latitude: <u>33°43'54" N</u>	Longitude: <u>85°49'13" W</u>	Coord. Obtained: <u>Computer / GPS</u>	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: <u>24"</u> Sketch: 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <input checked="" type="checkbox"/> No (if No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>Cass Creek</u>		Outfall ID: <u>1024</u>	
Today's Date: <u>11/21/14</u>		Time (24 hour/Military): <u>1545</u>	
Investigators: <u>K. Kelly</u>		Form Completed By: <u>K. Kelly</u>	
Temperature (°F): <u>59°</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: <u>Computer / GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: <u>Belgian Museum / HW2</u>		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: <div style="text-align: center;">  </div>	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input checked="" type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input checked="" type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

Debris/Leaves/Soil needs to be removed from this structure

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>AD 20</u>	
Today's Date: <u>5/19/14</u>		Time (24 hour/Military): <u>1015</u>	
Investigators: <u>K. Ashley / S. Brown</u>		Form Completed By: <u>K. Ashley</u>	
Temperature (°F): <u>72</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: <u>Computer</u> / GPS	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Open Space	<input type="checkbox"/> Institutional
<input type="checkbox"/> Suburban Residential	<input type="checkbox"/> Commercial	Other: _____	
Known Industries: _____			
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; origin unk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>11032</u>	
Today's Date: <u>5/1/14</u>		Time (24 hour/Military): <u>1115</u>	
Investigators: <u>K. Arby / S. Green</u>		Form Completed By: <u>K. Arby</u>	
Temperature (°F): <u>75</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>X</u>	Last 48 hours: <u>X</u>
Latitude:	Longitude:	Coord. Obtained: Computer / GPS	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: <u>30" HDPE</u> 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No 6/25/13

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>A090</u>	
Today's Date: <u>6/1/14</u>		Time (24 hour/Military): <u>1030</u>	
Investigators: <u>K. Achy / D. Green</u>		Form Completed By: <u>K. Achy</u>	
Temperature (°F): <u>75F</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: <u>Computer / GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input checked="" type="checkbox"/> Other: <u>PVC/Co.</u>	<input type="checkbox"/> Circular <input checked="" type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: 	In Water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input checked="" type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <input checked="" type="checkbox"/> No (If No then skip to section 5)			
Flow Description	<input checked="" type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, (in)	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		*F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

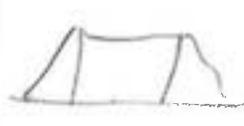
No issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>A041</u>	
Today's Date: <u>5/9/14</u>		Time (24 hour/Military): <u>1100</u>	
Investigators: <u>V. Ashby / J. Green</u>		Form Completed By: <u>K. Ashby</u>	
Temperature (°F): <u>75</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>X</u>	Last 48 hours: <u>X</u>
Latitude:	Longitude:	Coord. Obtained: Computer / GPS	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Open Space	<input type="checkbox"/> Institutional
<input type="checkbox"/> Suburban Residential	<input type="checkbox"/> Commercial	Other: _____	
Known Industries: _____			
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input checked="" type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: 	In Water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input checked="" type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

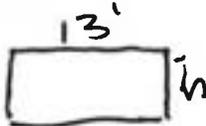
No issue

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>GADEN SPRINGS</u>		Outfall ID: <u>A042</u>	
Today's Date: <u>09/25/2014</u>		Time (24 hour/Military): <u>11:11</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By: <u>JAMES H. GREEN</u>	
Temperature (°F): <u>76°</u>	Rainfall (in): <u>0</u>	Last 24 hours:	Last 48 hours:
Latitude: <u>33°38'13" N</u>	Longitude: <u>85°47'36" W</u>	Coord. Obtained: <u>Computer / GPS</u>	
Camera: _____	Photo #: _____		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input checked="" type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input checked="" type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: 	In Water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input checked="" type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present? <u>Yes</u> or No (If No then skip to section 5)				
Flow Description <input type="checkbox"/> Trickle <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Substantial				

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
Parameter	Result	Unit	Equipment	
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth	<u>7"</u>	<u>(In)</u>	Tape Measure
	Flow Width	<u>13'</u>	<u>(Ft.) In</u>	Tape Measure
	Measured Length	<u>20'</u>	<u>(Ft.) In</u>	Tape Measure
	Time of Travel	<u>29</u>	<u>(Sec)</u>	Stop Watch
Temperature		°F	Thermometer	
pH		pH units	Test Strip / Probe	
Ammonia		mg/L	Test Strip	
Nitrite		mg/L	Test Strip	
Phosphate		mg/L	Test Strip	

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint <input type="checkbox"/> 2-Easily detected <input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample <input type="checkbox"/> 2-Clearly visible in sample <input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy <input type="checkbox"/> 2-Cloudy <input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Few/Slight; originunk <input type="checkbox"/> 2-Some; origin indic <input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

NONE

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>GOLDEN SPRINGS</u>		Outfall ID: <u>A044</u>	
Today's Date: <u>09/25/2014</u>		Time (24 hour/Military): <u>10:59</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By: <u>JAMES H. GREEN</u>	
Temperature (°F): <u>76°</u>	Rainfall (in): <u>0</u>	Last 24 hours:	Last 48 hours:
Latitude: <u>33°57'55"N</u>	Longitude: <u>85°48'01" W</u>	Coord. Obtained: <u>Computer / GPS</u>	
Camera: <u>-</u>	Photo #: <u>-</u>		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>7'</u> Top Width: <u>15'</u> Bottom Width: <u>6'</u> Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		*F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

NONE

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>GOLDEN SPRINGS</u>		Outfall ID: <u>A045</u>	
Today's Date: <u>09/25/2014</u>		Time (24 hour/Military): <u>09:38</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By: <u>JAMES H. GREEN</u>	
Temperature (°F): <u>71°</u>	Rainfall (in):	Last 24 hours:	Last 48 hours:
Latitude: <u>33°37'46" N</u>	Longitude: <u>85°47'59" W</u>	Coord. Obtained: Computer / <u>(GPS)</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Open Space	<input type="checkbox"/> Institutional
<input checked="" type="checkbox"/> Suburban Residential	<input type="checkbox"/> Commercial	Other: _____	
Known Industries: _____			
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input checked="" type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input checked="" type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>4.5'</u> Top Width: <u>13'</u> Bottom Width: <u>4'</u> Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> NI No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		in	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	NEEDS ATTENTION
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

N/A

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: GOLDEN SPRINGS		Outfall ID: A046	
Today's Date: 09/25/2014		Time (24 hour/Military): 10:07	
Investigators: JAMES H. GREEN		Form Completed By: JAMES H. GREEN	
Temperature (°F): 72°	Rainfall (in):	Last 24 hours:	Last 48 hours:
Latitude: 33°57'07" N	Longitude: 85°48'28" W	Coord. Obtained: Computer / GPS	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Open Space	<input type="checkbox"/> Institutional
<input type="checkbox"/> Suburban Residential	<input type="checkbox"/> Commercial	Other: _____	
Known Industries: _____			
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: 15" Top Width: 7' Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (if No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; origin unk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

NONE

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>GOLDEN SPRINGS</u>		Outfall ID: <u>A047</u>	
Today's Date: <u>09/25/2014</u>		Time (24 hour/Military): <u>10:36</u>	
Investigators: <u>JAMES H. GREEN</u>		Form Completed By: <u>JAMES H. GREEN</u>	
Temperature (°F): <u>74°</u>	Rainfall (in): <u>0</u>	Last 24 hours:	Last 48 hours:
Latitude: <u>33°37'16" N</u>	Longitude: <u>85°48'37" W</u>	Coord. Obtained: <u>(Computer) GPS</u>	
Camera: <u>—</u>	Photo #: <u>—</u>		
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: <u>36"</u> Sketch: 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; origin:unk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

NONE

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <i>A048 Dead End North Side Drain</i>	
Today's Date: <i>5/9/14</i>		Time (24 hour/Military): <i>1300</i>	
Investigators: <i>V. Healy / J. Green</i>		Form Completed By: <i>K. Healy</i>	
Temperature (°F): <i>75</i>	Rainfall (in): <i>0</i>	Last 24 hours: <i>0</i>	Last 48 hours: <i>0</i>
Latitude: <i>33° 39' 11" N</i>	Longitude: <i>85° 51' 18" W</i>	Coord. Obtained: <u>Computer / GPS</u>	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input checked="" type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known): <i>Ties into a 6' tall x 10' wide RCP box culvert</i>			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input checked="" type="checkbox"/> Other: <i>sheet flow</i>	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; origin unk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>11099 Access Hole Building</u>	
Today's Date: <u>5/19/14</u>		Time (24 hour/Military): <u>1145</u>	
Investigators: <u>K. Adly / D. Green</u>		Form Completed By: <u>K. Adly</u>	
Temperature (°F): <u>75</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: Computer / GPS	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input checked="" type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: <u>3'</u> Top Width: <u>6'</u> Bottom Width: <u>2'</u> Side Slope: <u>2:1</u>	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are **any physical** Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input checked="" type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
2. If yes, collected from:	<input type="checkbox"/> Flow	<input checked="" type="checkbox"/> Pool	
3. Intermitten flow trap set?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No Issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>A051</u>	
Today's Date: <u>5/9/14</u>		Time (24 hour/Military): <u>1130</u>	
Investigators: <u>K. Ashby / D. Green</u>		Form Completed By: <u>K. Ashby</u>	
Temperature (°F): <u>-75</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude:	Longitude:	Coord. Obtained: Computer / GPS	
Camera:		Photo #:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input checked="" type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (If No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input checked="" type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
2. If yes, collected from:	<input type="checkbox"/> Flow	<input type="checkbox"/> Pool	
3. Intermitten flow trap set?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Snow Creek		Outfall ID: AO52	
Today's Date: 2/06/14 9/25/14		Time (24 hour/Military): 1600 0900	
Investigators: K. Ashley		Form Completed By: K. Ashley	
Temperature (°F): 35-76	Rainfall (in): 0	Last 24 hours: 0.56" 0	Last 48 hours: 0.08" 0
Latitude: 33°39'29" N	Longitude: 85°50'30" W	Coord. Obtained: Computer / GPS - computer	
Camera: none		Photo #: none	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space:		
<input checked="" type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other: CMP/conc	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: <p align="center">30"</p> 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input checked="" type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other: Conc/nat	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: rect/box	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (If No then skip to section 5)		No	
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
Parameter	Result	Unit	Equipment	
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
Temperature		°F	Thermometer	
pH		pH units	Test Strip	
Ammonia		mg/L	Test Strip	
Nitrite		mg/L	Test Strip	
Phosphate		mg/L	Test Strip	

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

Unlikely
 Potential (presence of 2 or more indicators)
 Suspect (1 or more indicators with severity of 3)
 Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No
 2. If yes, collected from: Flow Pool
 3. Intermitten flow trap set? Yes No If Yes, type: OBM Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

~~Stone~~ needs to be removed from pipe; trash rack/grate created *No issues*

X = 647832.2069
 Y = 1151224.8057

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: <u>Wat Brook South Fork</u>	Outfall ID: <u>A053</u>		
Today's Date: <u>10/21/14</u>	Time (24 hour/Military): <u>1200</u>		
Investigators: <u>K. Achy / J. Green</u>	Form Completed By: <u>K. Achy</u>		
Temperature (°F): <u>72²</u>	Rainfall (in): <u>0</u>	Last 24 hours: <u>0</u>	Last 48 hours: <u>0</u>
Latitude: <u>33° 39' 52"</u>	Longitude: <u>85° 51' 39"</u>	Coord. Obtained: <u>Computer / GPS</u>	
Camera:	Photo #:		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or <u>No</u> (if No then skip to section 5)			
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip / Probe
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input checked="" type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input checked="" type="checkbox"/> Pool
3. Intermitten flow trap set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Snow Creek		Outfall ID: AO54	
Today's Date: 7/11/14		Time (24 hour/Military): 1500	
Investigators: K. Ashley		Form Completed By: K. Ashley	
Temperature (°F): 86°	Rainfall (in): 0	Last 24 hours: 0	Last 48 hours: 0
Latitude: 33°38'17" N	Longitude: 85°49'44" W	Coord. Obtained: Computer / GPS - computer	
Camera: none		Photo #: none	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Open Space:		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input checked="" type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other: CMP/conc	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: <p align="center">24"</p> 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other: Conc/nat	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: rect/box	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (If No then skip to section 5)		No	
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input type="checkbox"/> Pool
3. Intermitten flow trap set?	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Snow Creek		Outfall ID: AO56	
Today's Date: 7/11/14		Time (24 hour/Military): 1400	
Investigators: K. Ashley		Form Completed By: K. Ashley	
Temperature (°F): 86°	Rainfall (in): 0	Last 24 hours: 0	Last 48 hours: 0
Latitude: 33°37'53" N	Longitude: 85°49'51" W	Coord. Obtained: Computer / GPS - computer	
Camera: none		Photo #: none	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Open Space:		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input checked="" type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other: CMP/conc	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: <p align="center">36"</p> 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other: Conc/nat	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: rect/box	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (If No then skip to section 5)		No	
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; origin unk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input type="checkbox"/> Pool
3. Intermitten flow trap set?	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Golden Springs Creek		Outfall ID: AO60	
Today's Date: 2/18/14 9/25/14		Time (24 hour/Military): 1800 0930	
Investigators: K. Ashley/J. Green		Form Completed By: K. Ashley	
Temperature (°F): 45-70	Rainfall (in): 0	Last 24 hours: 0.56"	Last 48 hours: 0.08"
Latitude: 33°38'27" N	Longitude: 85°47'141" W	Coord. Obtained: Computer / GPS - computer	
Camera: none		Photo #: none	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Open Space:		
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional: Church		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other: CMP/conc	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch:	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input checked="" type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other: Conc/nat	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: rect/box	Depth: 4' Top Width: 15' Bottom Width: 10' Side Slope: 1:1	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (If No then skip to section 5) Yes No			
Flow Description	<input checked="" type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint <input type="checkbox"/> 2-Easily detected <input type="checkbox"/> 3-Notice from a dist
Color	<input checked="" type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample <input type="checkbox"/> 2-Clearly visible in sample <input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy <input type="checkbox"/> 2-Cloudy <input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Few/Slight; originunk <input type="checkbox"/> 2-Some; origin indic <input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input type="checkbox"/> Pool
3. Intermitten flow trap set?	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

No issues

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Golden Springs Creek Creek		Outfall ID: AO62	
Today's Date: 2/10/14 9/25/14		Time (24 hour/Military): 1800 1030	
Investigators: J. Green, K. Ashley		Form Completed By: K. Ashley	
Temperature (°F): 45 ⁷⁰	Rainfall (in): 0	Last 24 hours: 0	Last 48 hours: 0
Latitude: 33°37'09" N	Longitude: 85°48'13" W	Coord. Obtained: Computer / GPS - computer	
Camera: none		Photo #: none	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Open Space:		
<input type="checkbox"/> Ultra-Urban Residential	<input checked="" type="checkbox"/> Institutional		
<input type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			
Runoff from Eastern Bypass construction			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other: CMP/conc	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input checked="" type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: 5' tall x 30' wide 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other: Conc/nat	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: rect/box	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (if No then skip to section 5)		YES	13
Flow Description	<input checked="" type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitative Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are any physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input checked="" type="checkbox"/> Other:	<i>soot</i>
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input type="checkbox"/> Unlikely	<input checked="" type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
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Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input type="checkbox"/> Pool
3. Intermitten flow trap set?	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

Outfall has been used as a concrete wash out area; will monitor and sign

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Dearmanville Creek		Outfall ID: <u>1070 A072</u>	
Today's Date: <u>2/17/14</u> <u>1/25/14</u>		Time (24 hour/Military): <u>1400</u> <u>1130</u>	
Investigators: K. Ashley		Form Completed By: K. Ashley	
Temperature (°F): <u>68</u> <u>78°</u>	Rainfall (in): 0	Last 24 hours: <u>0.56"</u> <u>0</u>	Last 48 hours: <u>0.08"</u> <u>0</u>
Latitude: 33°37'56" N	Longitude: 85°45'53" W	Coord. Obtained: Computer / GPS - computer	
Camera: none		Photo #: none	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space:		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall if known):			

Section 2: Outfall Description

Location	Material	Shape	Dimensions (In)	Submerged
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other: CMP/conc	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: <input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	Diam./Dimensions: Sketch: <p align="center">18"</p> 	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully w/ sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open Drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other: Conc/nat	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: rect/box	Depth: Top Width: Bottom Width: Side Slope:	
<input type="checkbox"/> In Stream	(applicable when collecting samples)			
Flow Present?	Yes or No (If No then skip to section 5)		No	
Flow Description	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	

Section 3: Quantitive Characterization

Field Data for Flowing Outfalls				
	Parameter	Result	Unit	Equipment
<input checked="" type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to Fill		Sec	Stop Watch
<input checked="" type="checkbox"/> Flow #2	Flow Depth		In	Tape Measure
	Flow Width		Ft, In	Tape Measure
	Measured Length		Ft, In	Tape Measure
	Time of Travel		Sec	Stop Watch
	Temperature		°F	Thermometer
	pH		pH units	Test Strip
	Ammonia		mg/L	Test Strip
	Nitrite		mg/L	Test Strip
	Phosphate		mg/L	Test Strip

OUTFALL RECONNAISSANCE INVENTORY / SAMPLE COLLECTION FIELD SHEET

Section 4: Physical Indicators for Flowing Outfalls Only

Are **any** physical Indicators Present in Flow? Yes No (If No then Skip to Section 5)

Indicator	Check if any	Description	Relative Severity Index (1 - 3)		
			<input type="checkbox"/> 1- Faint	<input type="checkbox"/> 2-Easily detected	<input type="checkbox"/> 3-Notice from a dist
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancide/Sour <input type="checkbox"/> Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Faint colors in sample	<input type="checkbox"/> 2-Clearly visible in sample	<input type="checkbox"/> 3-clearly visible in outfall
Turbidity	<input type="checkbox"/>	See Severity	<input type="checkbox"/> 1-Slight Cloudy	<input type="checkbox"/> 2-Cloudy	<input type="checkbox"/> 3-Opaque
Floatables - DNI Trash	<input type="checkbox"/>	<input type="checkbox"/> Sewage (TP, etc) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1- Few/Slight; originunk	<input type="checkbox"/> 2-Some; origin indic	<input type="checkbox"/> 3-Some; origins clear

Section 5: Physical Indicators for Flowing Outfalls Only

Indicator	Check if any	Descriptions	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling,cracking, chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flowline <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floats <input type="checkbox"/> Oil sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characteristics

<input type="checkbox"/> Unlikely	<input type="checkbox"/> Potential (presence of 2 or more indicators)	<input type="checkbox"/> Suspect (1 or more indicators with severity of 3)	<input type="checkbox"/> Obvious
-----------------------------------	---	--	----------------------------------

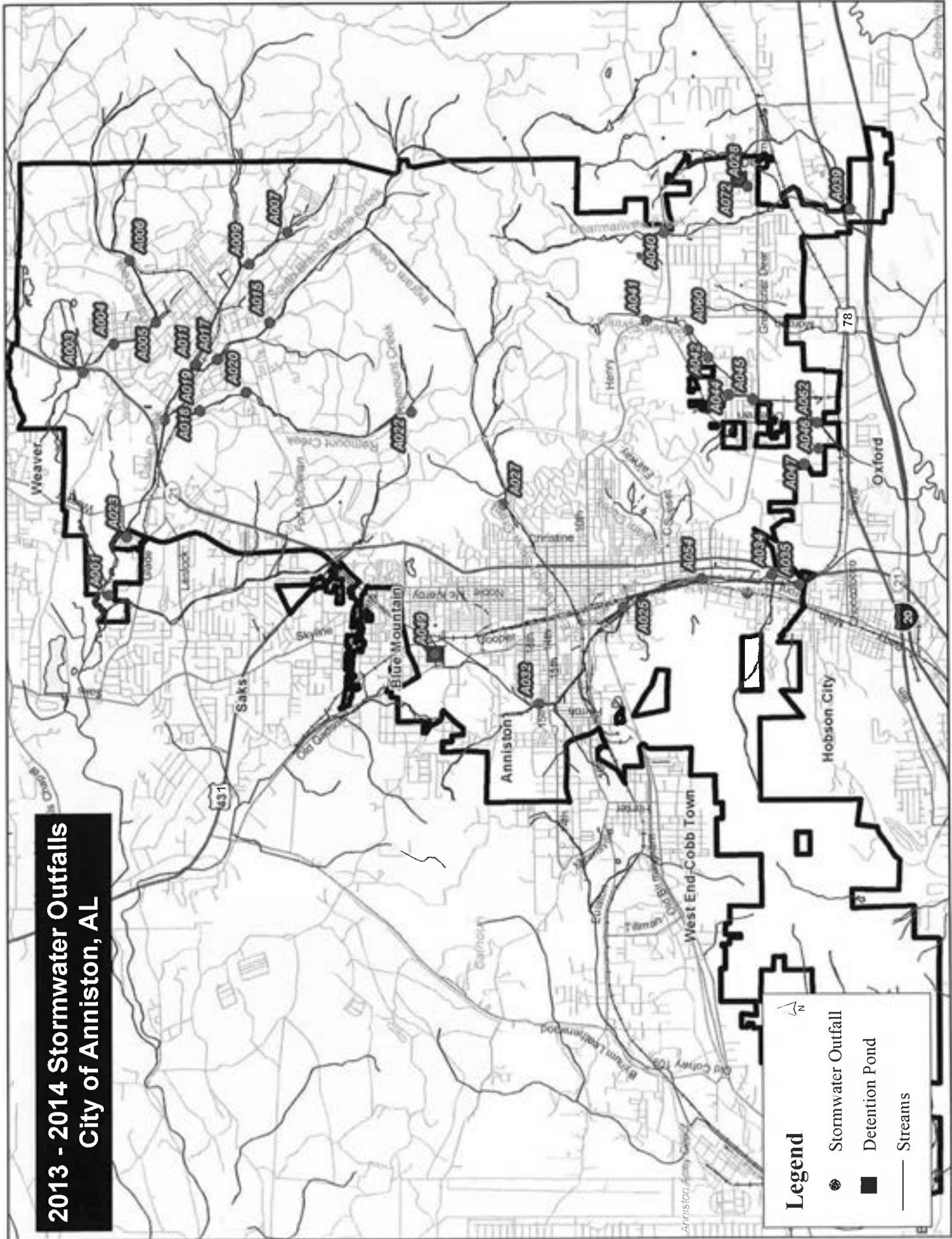
Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input type="checkbox"/> Pool
3. Intermitten flow trap set?	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk Dam

Section 8: Any Non-Illicit Discharge Concerns (eg trash or needed infrastructure repairs)?

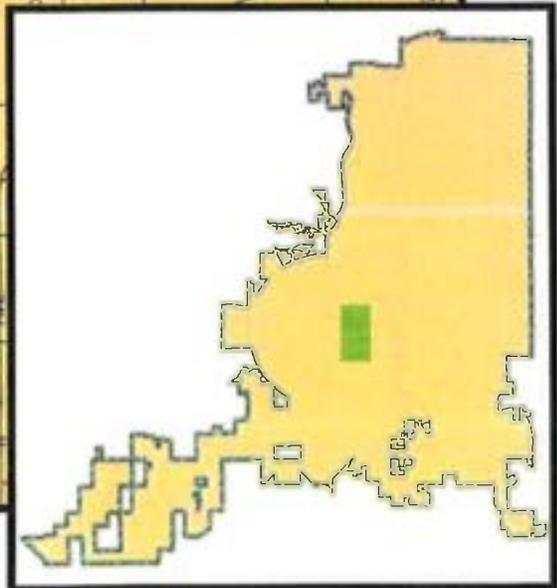
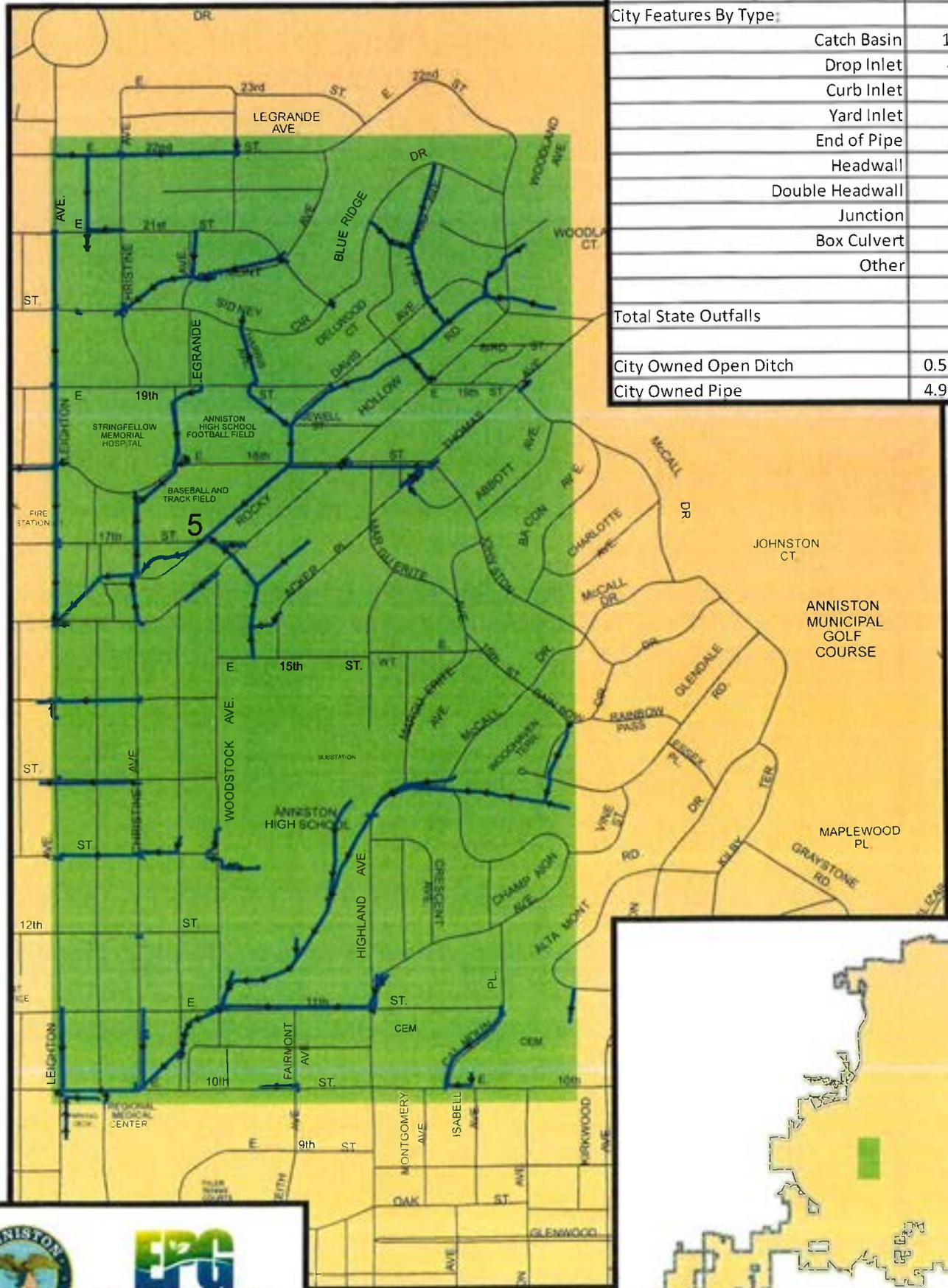
Flowline needs to be cleaned out *No issues*

2013 - 2014 Stormwater Outfalls City of Anniston, AL



Anniston, Alabama Stormwater Pilot Project Area

Total Collected Features	279
Total Collected City Owned Features	263
City Features By Type:	
Catch Basin	139
Drop Inlet	40
Curb Inlet	3
Yard Inlet	13
End of Pipe	21
Headwall	17
Double Headwall	1
Junction	21
Box Culvert	1
Other	7
Total State Outfalls	27
City Owned Open Ditch	0.5 miles
City Owned Pipe	4.9 miles



1 in = 4 miles 



CITY OF ANNISTON

P.O. Box 2168
Anniston, AL 36202

TELEPHONE (256) 231-7750
FAX (256) 231-7748

Wednesday, January 21, 2015

To: Elizabeth Howell

When our Street Department went out to clear the clogged drain at your address earlier this month, they discovered the drainage issue was due to your sanitary sewer line being attached to the storm system.

This is in direct violation of the City of Anniston's Stormwater Management Regulation, Sec. 29 ½.8 – Illicit Discharges (2), which states;

(2) Prohibition of illicit discharges. No person shall introduce or cause to be introduced into the municipal separate storm sewer system any discharge that is not composed entirely of stormwater.

You are required to submit, within ten (10) days of this notice, an explanation of the violation and a plan for the satisfactory correction and prevention thereof, to include specific required actions. Submission of this plan in no way relieves the discharger of liability for any violations occurring before or after receipt of the notice of violation.

James H. Green, CFM, QCI
Senior Engineering Technician
City of Anniston Engineering Dept.
256-231-7750

ORDINANCE NO. 15-O-__

**ORDINANCE AMENDING CHAPTER 29½, ARTICLE I,
STORMWATER MANAGEMENT REGULATION
FOR COMPLIANCE WITH THE CITY'S NPDES, PHASE II,
MS4 PERMIT AND STORMWATER MANAGEMENT PLAN**

WHEREAS, the Council for the City of Anniston, Alabama finds that its Stormwater Management Regulation ordinance, as set forth in Chapter 29½, Article I of the Code of Ordinances is due to be amended, in part, to ensure the City's compliance with its NPDES Phase II MS4 Permit and its associated Stormwater Management Plan;

WHEREAS, the Council adopts the amendments set forth in anticipation and in furtherance of the City's upcoming Annual Report to the Alabama Department of Environmental Management;

WHEREAS, the Council finds that the amendments set forth herein are in the best interests of the City and its citizens.

NOW THEREFORE, BE IT ORDAINED by the City Council of the City of Anniston, Alabama (the "Council") as follows:

Section 1. The Council hereby amends and restates Chapter 29½, Article I, Section 29½.3, Subsection (1) and Section 29½.5, Subsection (5)(r) of "The Code of the City of Anniston, Alabama, 1981" to read in their entirety as follows:

Section 29½.3. Land Disturbance Permits.

(1) *When required.* A land disturbance permit is required for all land disturbing activities with a total land disturbance of greater than or equal to one acre and activities that disturb less than one acre, but are part of a larger common plan of development or sale that would disturb one acre or more. A land disturbance permit is also required for all land disturbance activity, regardless of the size of the area disturbed, which occurs within the CBD-1 zone or in an area of special flood hazard as defined in section 11½; of this Code.

Section 29½.5. Stormwater System Design and Management Standards.

(5) *Sediment and erosion control plan requirements.*

(r) A description of onsite measures to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site.

Section 2. Unless otherwise stated herein, all other sections, subsections, provisions and terms of Chapter 29½, Article I are preserved as stated and incorporated herein by reference.

Section 3. This Ordinance shall become immediately effective after its adoption, its publication one (1) time in The Anniston Star, a newspaper of general circulation published in the City of Anniston, Alabama. The City Clerk is hereby ordered and directed to cause a copy of this Ordinance to be published one time in said newspaper.

PASSED and **ADOPTED** this ____ day of _____, 2015.

CITY COUNCIL OF THE CITY OF
ANNISTON, ALABAMA

Vaughn M. Stewart II, Mayor

Jay W. Jenkins, Council Member

David E. Reddick, Council Member

Seyram Selase, Council Member

Millie Harris, Council Member



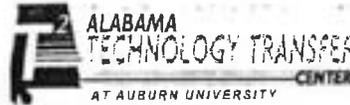
Innovative Erosion & Sediment Control Research & Field Day

Seminar Schedule and Topics

Thursday, May 29th 2014

The Hotel at Auburn University and Dixon Conference Center
241 South College Street, Auburn, AL 36830

- 8:30 – 8:35 *Welcome and Introduction*
- 8:35 – 9:15 **The NPDES Stormwater Program, Issues, Updates, and Watersheds**
CAPT Paul Gagliano, PE, US Public Health Service Commissioned Corps Officer, USEPA, Region 4
Mike Mitchell, Environmental Scientist, USEPA Region 4, Water Permits Division
- 9:15 – 9:45 **IECA University Partner Program: “One Big Bang”**
Jimmy Eanes, CPESC, CESSWI, CMP, IECA Education Director
- 9:45 – 10:00 **BREAK (SPONSORED BY HANES GEO COMPONENTS)**
- 10:00 – 10:30 **The Art of Managing Construction Stormwater**
Barry Fagan, PE/PLS, CPESC, ALDOT Environmental Program Engineering
- 10:30 – 11:30 **University Partners Research Presentations – North Carolina State University**
Mulches and Polyacrylamide for Erosion Control: Results of >10 Years of Testing
Dr. Rich McLaughlin, Professor and Extension Specialist, Department of Soil Science
Title: Remediation to Improve Infiltration of Post Construction Soil
Ms. Fatemeh Mohammad Shirazi, Graduate Student, Department of Soil Science
- 11:30 – 12:00 **University Partners Research Presentation – Auburn University**
Stream Enhancement and Restoration
Dr. Eve Brantley, Assistant Professor, Dept. of Crop, Soil and Environmental Sciences
- 12:00 – 1:00 **LUNCH (SPONSORED BY FLEXAMAT AND SUNSHINE SUPPLIES)**
- 1:00 – 2:00 **University Partners Research Presentations – University of Georgia**
Field Research at UGA Related to Using Compost & Mulch for Erosion Control & Stormwater Mgmt.
Dr. Mark Risse, Georgia Power Professor of Water Policy & Director of the Marine Extension Service
Urban Water at UGA: Focus on Rain Gardens
Ms. Laura Keys, Graduate Student, UGA Odum School of Ecology
- 2:00 – 2:30 **University Partners Research Presentations – Auburn University**
Inlet Protection Practice Evaluations and Improvements
Mr. Michael Perez, Graduate Student, Dept. of Civil Engineering
Revolutionizing Site Inspections: War Eagle 007
Mr. Michael Perez, Graduate Student, Dept. of Civil Engineering
- 2:30 – 2:45 **BREAK (SPONSORED BY THOMPSON ENGINEERING)**
- 2:45 – 3:15 **University Partners Research Presentation – Auburn University**
Evaluation of Ditch Checks: Installation & Performance Comparisons
Dr. Wesley Donald, Post-Doctoral Fellow, Dept. of Civil Engineering
- 3:15 – 3:45 **University Partners Research Presentation – Auburn University**
Assessing the Performance of Sediment Basins
Dr. Wesley Zech, Brasfield & Gorrie Associate Professor of Const. Engrg. & Mgmt., Dept. of Civil Engrg.
- 3:45 – 4:00 *Closing Remarks and Day 2 Overview – Dr. Wesley Zech*



Innovative Erosion & Sediment Control Research & Field Day

Seminar Schedule and Topics

Friday, May 30th 2014¹

Auburn University Erosion and Sediment Control Testing Facility
1600 Lee Road 151, Opelika, AL 36804

-
- 8:30 – 8:40 *Welcome and Introduction (General Safety Topics)*
 - 8:40 – 8:50 *Construction Exit Pad (Station A)*
 - 8:50 – 9:05 *Stock Pile Management (Station B)*
Sponsored by Twin Oaks Environmental
 - 9:05 – 9:30 *Erosion Control Blankets / Sediment Retention Barriers (Station C)*
Sponsored by Sunshine Supplies
 - 9:30 – 9:45 *BREAK*
 - 9:45 – 10:25 *Ditch Check Practices (Station D)*
Sponsored by American Excelsior, DDD Erosion, Geohay, Enviro-Pro, and SedCatch
 - 10:25 – 11:00 *Silt Fence Installation Practices (Station E)*
Sponsored by Twin Oaks Environmental
 - 11:00 – 11:10 *Slope Interrupters (Station F)*
Sponsored by Hanes Geo Components & East Coast Erosion Control
 - 11:10 – 11:30 *Slope Drains Demonstration (Station G)*
 - 11:30 – 12:30 *LUNCH*
 - 12:30 – 12:45 *Hydromulching Demonstration (Station H)*
Sponsored by Twin Oaks Environmental
 - 12:45 – 1:15 *Inlet Protection Practices (Station I)*
 - 1:15 – 2:00 *Channel Lining and Sediment Basin (Stations: J, K)*
Sponsored by Flexamat and Applied Polymer Systems
 - 2:00 – 2:15 *BREAK*
 - 2:15 – 2:30 *Sediment Basin Outlets (Station L)*
 - 2:30 – 2:40 *Floating Turbidity Barrier (Station M)*
Sponsored by Aer-Flo
 - 2:40 – 3:40 *Channelized Testing (Station N)*
 - 3:40 – 4:00 *Vendor Interaction / Free Time*
-

event sponsors



vendor participants





AUBURN UNIVERSITY

SAMUEL GINN
COLLEGE OF ENGINEERING

ENGINEERING CONTINUING EDUCATION

Certificate of Participation

James H Green

Innovative Erosion & Sediment Control Research & Field Day

May 29-30, 2014

1.20 Continuing Education Credits

12.00 Course Hours

presented by

Alabama Technology Transfer Center

Richard G. Ruff

Director, Engineering Outreach and Continuing Education

Chris Roberts

Dean, Samuel Ginn College of Engineering



Alabama Erosion and Sediment Control Partnership and



IECA Southeastern Chapter



CERTIFICATE OF COMPLETION

This is to certify that

Kevin Ashley

was a participant in the RUSLE2 Course March 11-12, 2014 at Irondale, AL

Using the Revised Universal Soil Loss Equation (RUSLE2) to Predict Soil Erosion and Sediment Deposition on Construction Sites

March 11, 2014 – 6 hours; March 12, 2014 – 3 hours

Continuing Education Units and Professional Development Hours

<u>CEUs</u>	<u>PDU</u> s	<u>PDH</u> s	<u>PDH</u>
CCA (CEU)	CPESC (PDU)	PE (PDH)	PG (PDH)
9.0	9.0	9.0	9.0

Earl L. Norton

Earl L. Norton, CPESC, CPAG, CCA
AL Erosion & Sediment Control Partnership

Ted M. Sherrod

Ted M. Sherrod, PE, CPESC, CPSWQ, CMS4S
IECA Southeast Chapter

***ALDOT Annual QCI Refresher Training
Field Session***

CERTIFICATE OF COURSE ATTENDANCE

PRESENTED TO:

James Green
of
City of Anniston

December 11, 2014



Tracy A. Stegmaier

Tracy A. Stegmaier, P.E.
ALDOT QCI Trainer

***ALDOT Annual QCI Refresher Training
Field Session***

CERTIFICATE OF COURSE ATTENDANCE

PRESENTED TO:

**Kevin Ashley
of
City of Anniston**

December 11, 2014



Tracy A. Stegmaier

Tracy A. Stegmaier, P.E.
ALDOT QCI Trainer

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>JF Morgan</i>		Facility/Site Name <i>Vicksy, HQ Christian Church</i>	
NPDES <i>ALR10 A A N 8</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Charles Greason, Senior Pastor</i>	
Facility Latitude & Longitude (decimal or deg,min,sec) <i>33° 41' 11" N, 85° 49' 42" W</i>		Facility Street Address or Location Description <i>200' East of Int of Noblesst & Blue Mat Rd</i>	
Township(s), Range(s), Section(s) <i>S3D, T15S, R8E</i>		City <i>Anniston</i>	State <i>AL</i>
Phone Number <i>256-831-5284</i>	Fax Number <i>NA</i>	E-Mail Address <i>vh@le.cableone.net</i>	
Zip <i>36201</i>			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Pilgrims Creek</i>	<i>2.0</i>		

Item III.

- Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.
- Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No issues; utility trenches were open & being connected to building

"Based upon the inspection of (date & time) *7/15/14 @ 1100* by the QCP, QCI or a qualified person (list: *Karen Ashby*) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <i>Karen Ashby, QCI, PE, City Engineer #T3477</i>	Signature <i>Karen Ashby</i>	Date <i>7/15/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

COA WDP-13-12-002

ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AKRA Builders		Facility/Site Name International Automotive	
NPDES ALR10 A F 6 2	County Calhoun	Facility Contact and Title Paul Granloh, President - AKRA Builders	
Facility Latitude & Longitude (decimal or deg,min,sec) 33.7218°N, 85.7806°W		Facility Street Address & Location Description 315 Peppy Dunn Blvd	
Township(s), Range(s), Section(s)		City Anniston	State AL
Phone Number 206-820-8285	Fax Number NA	E-Mail Address psgranloheakrabuilders.com	
		Zip 36205	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Cane Creek	7.5		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No issues; Building framing nearly complete

"Based upon the inspection of (date & time) **7/15/14 @ 0930** by the QCP, QCI, or a qualified person (list: **Kevin Ashley**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Ashley, PE, QCI, C.Eng # T3477	Signature Kevin A Ashley	Date 7/15/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

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Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>City of Anniston</i>		Facility/Site Name <i>Fort McClellan Improvement Project</i>	
NPDES <i>AL10A I 53</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Kevin Ashby, City Engineer</i>	
Facility Latitude & Longitude (decimal or deg,min,sec) <i>33.721°N, 85.781°W</i>		Facility Street Address or Location Description <i>Papa Dunn Blvd</i>	
Township(s), Range(s), Section(s)		City <i>Anniston</i>	State <i>AL</i> Zip <i>36205</i>
Phone Number <i>256-231-7750</i>	Fax Number <i>256-231-7748</i>	E-Mail Address <i>kashley@anniston-al.gov</i>	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Cane Creek</i>	<i>5.0</i>		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No issues; storm pipe being installed; beginning phases of road construction

“Based upon the inspection of (date & time) *7/15/14 @ 1000* by the QCP, QCI, or a qualified person (list: *Kevin Ashby*) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP <i>Kevin Ashby, P.E., QCI, City Eng #T3477</i>	Signature <i>Kevin Ashby</i>	Date <i>7/15/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <u>Braxton Harris Co.</u>		Facility/Site Name <u>Ashtly Fuels</u>	
NPDES <u>ALR16</u>	<u>LDP-13-10-001</u>	County <u>Calhoun</u>	Facility Contact and Title <u>Terry Penny - Contractor</u>
Facility Latitude & Longitude (decimal or deg,min,sec)		Facility Street Address or Location Description <u>1417 Commerce Drive</u>	
Township(s), Range(s), Section(s) <u>S22, T16S, R8E</u>		City <u>Anniston</u>	State <u>AL</u>
Phone Number <u>256-835-1090</u>	Fax Number	E-Mail Address <u>36202</u>	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<u>UT of Choccolocco Creek</u>	<u>2.15 AC</u>		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

0.10" rainfall
nearly 95% complete; punch list items remain

“Based upon the inspection of (date & time) 5/29/14 @ 1530 by the QCP, QCI or a qualified person (list: Kevin Ashby) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP <u>Kevin Ashby, Chy Engineer, PE/QCI</u>	Signature <u>Kevin Ashby</u>	Date <u>5/29/14</u>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AL Power Co		Facility/Site Name Indian Hills DS	
NPDES ALR10 A 6 5 8	County Calhoun	Facility Contact and Title Joel Stevens, Env. Specialist	
Facility Latitude & Longitude (decimal or deg,min,sec) 33.62 9242N, 85.95 10852 W		Facility Street Address or Location Description Hillyer Robinson Ind. Parkway	
Township(s), Range(s), Section(s) S16, T16S, R8E		City Anniston	State AL
Phone Number 205-231-3436	Fax Number 205-257-4349	E-Mail Address pjmdaniela@southernco.com	
Zip 36207			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
UT of Choccolocco Creek	25		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

0.10" rainfall
No issues, work continuing; BMPs performing well

“Based upon the inspection of (date & time) **5/29/14 @ 1430** by the QCP, QCI, or a qualified person (list: **Kevin Ashley**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP Kevin Ashley, PE, Chg Engineer QCI # T3977	Signature Kevin Ashley	Date 5/29/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>D.F. Morgan, Contractor</i>		Facility/Site Name <i>Victory Christian HQ Church</i>	
NPDES <i>ALR10 A A N 8</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Charles Gregory, Senior Pastor</i>	
Facility Latitude & Longitude (decimal or deg,min,sec) <i>33°41'11"N, 85°49'42"W</i>		Facility Street Address or Location Description <i>200' East of Noble St / Blue Mt. mt</i>	
Township(s), Range(s), Section(s) <i>S32, T15S, R8E</i>		City <i>Anniston</i>	State <i>AL</i>
Phone Number <i>256-831-5284</i>	Fax Number <i>NA</i>	E-Mail Address <i>vhgla.cableone.net</i>	
Zip <i>36201</i>			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Pilgrims Creek</i>	<i>20</i>		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

0.10" rainfall
Interior building work continues; site covered with base & mulch; BMPs operating per design

“Based upon the inspection of (date & time) *5/21/14 @ 1300* by the QCP, QCI, or a qualified person (list: *Kevin Ashby*) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP <i>Kevin Ashby, P.E., City Engineer QCI # T3477</i>	Signature <i>Kevin Ashby</i>	Date <i>5/21/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

COA-LOP-13-12-002

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AKRA Builders		Facility/Site Name International Automotive	
NPDES ALR10 AF 62	County Calhoun	Facility Contact and Title Paul Grunloh, President - AKRA	
Facility Latitude & Longitude (decimal or deg,min,sec) 33.718°N, 85.7806°W		Facility Street Address or Location Description 316 Pappy Dunn Blvd	
Township(s), Range(s), Section(s)		City Anniston	State AL
Phone Number 256-820-8285	Fax Number NA	E-Mail Address pgrunlohe@akrabuilders.com	
		Zip 36208	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Cane Creek	7.5		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

0.10" rainfall
West building pool moving nicely; no issues; work continuing as scheduled

"Based upon the inspection of (date & time) **5/29/14 @ 1100** by the QCP, QCI, or a qualified person (list: **Kevin Ashley**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Ashley, P.E., City Engineer, QCI # 3477	Signature Kevin Ashley	Date 5/29/14
Name & Title of Registrant Responsible Official	Signature	Date

COA-UDP-13-01-001

ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>Ridgecrest Estates</i>		Facility/Site Name <i>Ridgecrest Estates</i>	
NPDES <i>ALR109968</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Olympia Construction</i>	
Facility Latitude & Longitude (decimal or deg,min,sec) <i>33°42'0.9" N, 85°49'14.9" W</i>		Facility Street Address or Location Description <i>North End of Centerbrook Dr.</i>	
Township(s), Range(s), Section(s) <i>S17, T15S, R1E</i>		City <i>Anniston</i>	State <i>AL</i> Zip <i>36200</i>
Phone Number <i>256-878-2408</i>	Fax Number <i>NA</i>	E-Mail Address <i>rudy@sunsetmgtco.com</i>	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Cane Creek</i>	<i>5.61</i>		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

0.10" rainfall

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)
sod placement + final cover; conc drives poured + finished; final cover + landscaping

"Based upon the inspection of (date & time) *5/29/14 @ 0900* by the QCP, QCI or a qualified person (list: *Kevin Ashby*) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <i>Ken Ashby, P.E., City Engineer, QCI # T3977</i>	Signature <i>Ken Ashby</i>	Date <i>5/29/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <u>UF Morgan Contr.</u>		Facility/Site Name <u>Victory HQ Christian Church</u>	
NPDES <u>ALR10AAN8</u>	County <u>Calhoun</u>	Facility Contact and Title <u>Charles Gregory, Senior Pastor</u>	
Facility Latitude & Longitude (decimal or deg.min.sec) <u>33°41'11"N, 85°49'42"W</u>		Facility Street Address or Location Description <u>60 East Blue Marsh Road</u>	
Township(s), Range(s), Section(s) <u>S32, T15S, R8E</u>		City <u>Anniston</u>	State <u>AL</u>
Phone Number <u>256-831-5284</u>	Fax Number <u>256-831-5285</u>	E-Mail Address <u>uhg@caleone.net</u>	
Zip <u>36201</u>			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<u>Pilgrim Creek</u>	<u>20</u>		

Item III.

- Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.
- Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies noted; CoG formed; half parking area has dense grade

"Based upon the inspection of (date & time) 8/19/14 @ 1130 by the QCP, QCI, or a qualified person (list: Kevin Ashby) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <u>Kevin Ashby P.E./QCP</u>	Signature <u>Kevin Ashby</u>	Date <u>8/19/14</u>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM - NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AKRA Builders		Facility/Site Name IAC	
NPDES ALR10 A F G 2	County Calhoun	Facility Contact and Title 318 Pappy Dunn Blvd	
Facility Latitude & Longitude (decimal or deg,min,sec) 33.9218° N, 85.7806° W		Facility Street Address or Location Description 318 Pappy Dunn Blvd	
Township(s), Range(s), Section(s) .		City Anniston	State AL
Phone Number 256-820-0285	Fax Number	E-Mail Address	
			Zip 36205

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Cone Creek	7.5		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies noted; building frame complete; truck driveway paved

"Based upon the inspection of (date & time) **8/19/14 @ 0900** by the QCP, QCI, or a qualified person (list: **Kevin Ashley**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Ashley / PE / QCP	Signature Kevin Ashley	Date 8/19/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <u>City of Anniston</u>		Facility/Site Name <u>Fl. McClellan Improvement Project</u>	
NPDES <u>ALR10 AI 53</u>	County <u>Calhoun</u>	Facility Contact and Title <u>Kevin Ashley, City Engineer</u>	
Facility Latitude & Longitude (decimal or deg.min.sec) <u>33° 21' N, 85° 78' W</u>		Facility Street Address or Location Description <u>Pappy Dunn Blvd</u>	
Township(s), Range(s), Section(s)		City <u>Anniston</u>	State <u>AL</u> Zip <u>36205</u>
Phone Number <u>256-231-7750</u>	Fax Number <u>256-231-7748</u>	E-Mail Address <u>kashley@anniston.al.gov</u>	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<u>Cane Creek</u>	<u>5.0</u>		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies observed, storm pipe put in along Dunn +
subgrade complete to Station

"Based upon the inspection of (date & time) 08/19/14 @ 1000 by the QCP, QCI, or a qualified person

(list: Kevin Ashley) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <u>Kevin Ashley, P.E. / QCP # TC.</u>	Signature <u>Kevin Ashley</u>	Date <u>8/19/14</u>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name JF MORGAN GENERAL CONTRACTOR		Facility/Site Name VICTORY HEADQUARTERS CHURCH	
NPDES AL10A A N 8	County CALHOUN	Facility Contact and Title CHARLES GREGORY SENIOR PASTOR	
Facility Latitude & Longitude (decimal or deg,min,sec) 33°41'11" N 85°49'42" W		Facility Street Address or Location Description 60 E. BLUE MOUNTAIN RD.	
Township(s), Range(s), Section(s) S-32, T-15, R8E		City ANNISTON	State AL.
Phone Number 256-831-5284	Fax Number 256-831-5285	E-Mail Address vhg1@CABLEONE.NET	
Zip 36201			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
PILGRIM CREEK	2.0		

Item III.

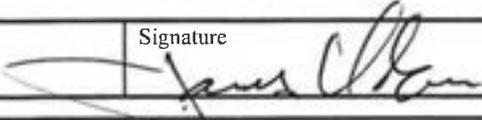
- Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.
- Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

NO DEFICIENCIES OBSERVED

"Based upon the inspection of (date & time) **09/04/14 09:53** by the QCP, **QCI**, or a qualified person (list: **JAMES H. GREEN** **10:22**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP JAMES H. GREEN QCI	Signature 	Date 09/04/14
Name & Title of Registrant Responsible Official	Signature	Date

ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES STORMWATER INSPECTION REPORT AND BMP CERTIFICATION

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AKRA BUILDERS		Facility/Site Name IAC	
NPDES ALR10 A F 6 2	County CALHOUN	Facility Contact and Title DAN GRUNDY, PRES. AKRA BUILDER	
Facility Latitude & Longitude (decimal or deg,min,sec) 33.7218° N, 85.7806° W		Facility Street Address or Location Description 318 PAPPY DAWN BLVD	
Township(s), Range(s), Section(s)		City ANNISTON	State AL
Phone Number 256-820-8285	Fax Number	E-Mail Address	
			Zip 36205

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
CANE CREEK	7.5		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

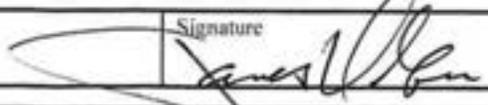
Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

NO DEFICIENCIES OBSERVED

"Based upon the inspection of (date & time) **09/04/14 09:39** by the **QCP, QCI** of a qualified person (list: **JAMES H. GREEN 10:22**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP JAMES H. GREEN QCI	Signature 	Date 09/04/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name CITY OF ANNISTON		Facility/Site Name FT. McLELLAN IMPROVEMENT PROJECT	
NPDES ALR10 A I 53	County CALHOUN	Facility Contact and Title KEVIN ASHLEY, CITY ENGINEER	
Facility Latitude & Longitude (decimal or deg.min,sec) 33.721° N, 85.781° W		Facility Street Address or Location Description PAPPY DOWN BLVD	
Township(s), Range(s), Section(s)		City ANNISTON	State AL
Phone Number 256-231-7750		Fax Number 256-231-7740	E-Mail Address KASHLEY@ANNISTON.AL.GOV
		Zip 36205	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
CANE CREEK	5.0		

Item III.

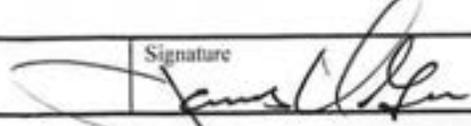
- Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.
- Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

NO DEFICIENCIES OBSERVED

“Based upon the inspection of (date & time) **09/09/14 09:53** by the QCP, **(QCI)** or a qualified person (list: **JAMES H. GREEN**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP JAMES H. GREEN	Signature 	Date 09/09/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <u>JP Morgan Const.</u>		Facility/Site Name <u>Victory HO Christian Church</u>	
NPDES <u>ALR10 AA N 8</u>	County <u>Calhoun</u>	Facility Contact and Title <u>Charles Gregory, Senior Pastor</u>	
Facility Latitude & Longitude (decimal or deg,min,sec) <u>33°41'11" N, 85°49'42" W</u>		Facility Street Address or Location Description <u>60 East Blue Mt. Road</u>	
Township(s), Range(s), Section(s) <u>S32, T15S, R8E</u>		City <u>Armiston</u>	State <u>AL</u>
Phone Number <u>256-831-5284</u>	Fax Number <u>256-831-5285</u>	E-Mail Address <u>ugheer@adcone.net</u>	
Zip <u>36024</u>			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<u>Pilgrim Creek</u>	<u>2.0</u>		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies noted; North half parking lot paved; building nearly 100%

"Based upon the inspection of (date & time) 10/14/14 @ 1000 by the QCP, QCI, or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <u>Karin Ashby, P.E., QCP</u>	Signature <u>Karin Ashby</u>	Date <u>10/14/14</u>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AKRA Builders		Facility/Site Name International Automotive Components	
NPDES ALR10A1769	County Calhoun	Facility Contact and Title 318 Pappy Dunn Blvd	
Facility Latitude & Longitude (decimal or deg,min,sec)		Facility Street Address or Location Description 318 Pappy Dunn Blvd	
Township(s), Range(s), Section(s) 33, 7218-N, 85, 7906-W		City Anniston	State AL
Phone Number 256-920-4285	Fax Number	E-Mail Address	
			Zip 36205

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Cane Creek	7.5		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies noted; parking lot just paved

"Based upon the inspection of (date & time) **10/14/14 @ 0900** by the QCP, QCI, or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Ashby, PE, QCP	Signature Kevin Ashby	Date 10/14/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name City of Anniston		Facility/Site Name Ft. McClellan Improvement Project	
NPDES ALR10 A I 5 3	County Calhoun	Facility Contact and Title Kevin Ashley, City Engineer	
Facility Latitude & Longitude (decimal or deg.min,sec) 33.72° N, 85.78, 2° W		Facility Street Address or Location Description Pappy Dunn Blvd	
Township(s). Range(s). Section(s)		City Anniston	State AL Zip 36205
Phone Number 256-231-7750	Fax Number 256-231-7748	E-Mail Address Keshleye.anniston@ga.gov	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Cane Creek	5.0		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies noted; road construction proceeding past Eyrin; asphalt placed on phase I from Iron Mat Rd to Haggard

"Based upon the inspection of (date & time) **10/14/14 @ 0920** by the QCP, QCI, or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Ashley PE QCP	Signature [Signature]	Date 10/14/14
Name & Title of Registrant Responsible Official	Signature	Date

COA-LDP-14-07-001

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>Larchec's Jones</i>		Facility Site Name <i>1625 Parkwin Convenience Store</i>	
NPDES <i>COA-LDP-14-07-001</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Munford, Owner</i>	
Facility Latitude & Longitude (decimal or deg,min,sec)		Facility Street Address or Location Description <i>1625 Parkwin Ave</i>	
Township(s), Range(s), Section(s)		City <i>Anniston</i>	State <i>AL</i>
Phone Number		Fax Number	Zip <i>366</i>
E-Mail Address			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Snow Creek</i>	<i>0.75</i>		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and or in-stream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or in-stream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)
site has been cleaned + rough graded; block building constructed; roof under construction; site needs construction entrance

"Based upon the inspection of (date & time) *DOD on 10/14/14* by the QCP, QCI, or a qualified person (list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <i>Kevin Adley, PE, QCP</i>	Signature <i>Kevin Adley</i>	Date <i>10/14/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

COA-LDP-14-07-001

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I

Registrant Name Larchec's Jones		Facility Site Name 1625 Parkwin Convenience Store	
NPDES COA-LDP-14-07-001 ALR16	County Calhoun	Facility Contact and Title Murford, Owner	
Facility Latitude & Longitude (decimal or deg.min.sec)		Facility Street Address or Location Description 1625 Parkwin Ave	
Township(s), Range(s), Section(s)		City Anniston	State AL
Phone Number		Fax Number	Zip 36606
		E-Mail Address	

Item II

List name of current ultimate receiving water(s) (indicate if through MS-4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Snow Creek	0.75		

Item III

Any Discharge Sampling Data Attached Any Instream Sampling Data Attached Any Photographs attached

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or in-stream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or in-stream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)
site has been cleaned + rough graded; block building constructed; roof under construction; site needs construction entrance

"Based upon the inspection of (date & time) **DOD on 10/14/14** by the QCP, QCI, or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Adby, PE, QCP	Signature Kevin Adby	Date 10/14/14
Name & Title of Registrant Responsible Official	Signature	Date

COA-DP-13-12-001

ADEM - NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name JP Morgan Const.		Facility/Site Name Victory HO Christian Church	
NPDES ALR10 AA N 8	County Calhoun	Facility Contact and Title Charles Green, Senior Pastor	
Facility Latitude & Longitude (decimal or deg,min,sec) 33°41'41"N, 95°49'42"W		Facility Street Address or Location Description 60 East Blue Mt. Road	
Township(s), Range(s), Section(s) S33, T15S, R8E		City Anniston	State AL
Phone Number 256-831-5284	Fax Number 256-831-5285	E-Mail Address ughea@calhoun.net	
		Zip 36201	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Pilgrimage Creek	2.0		

Item III.

- Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.
- Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies noted; North half parking lot paved; building nearly 100%

"Based upon the inspection of (date & time) 10/14/14 @ 1000 by the QCP, QCI, or a qualified person

(list:) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, except for those deficiencies noted above, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Ashby, P.E., QCP	Signature Kevin Ashby	Date 10/14/14
Name & Title of Registrant Responsible Official	Signature	Date

COA-LOP-13-12-002

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AKRA Builders		Facility/Site Name International Automotive Components	
NPDES ALR10A I-69	County Calhoun	Facility Contact and Title 315 Pappy Dunn Blvd	
Facility Latitude & Longitude (decimal or deg,min,sec)		Facility Street Address or Location Description 315 Pappy Dunn Blvd	
Township(s), Range(s), Section(s) 35.7218°N, 85.7906°W		City Anniston	State AL
Phone Number 246-920-0285	Fax Number	E-Mail Address 36205	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Cane Creek	7.5		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies noted; parking lot just paved

"Based upon the inspection of (date & time) **10/14/14 @ 0900** by the QCP, QCI, or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, except for those deficiencies noted above, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Ashby, PE, QCP	Signature Kevin Ashby	Date 10/14/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <u>City of Anniston</u>		Facility/Site Name <u>Ft. McClellan Improvement Project</u>	
NPDES <u>ALR10 A I S 3</u>	County <u>Calhoun</u>	Facility Contact and Title <u>Kevin Ashley, City Engineer</u>	
Facility Latitude & Longitude (decimal or deg.min.sec) <u>33.72° N, 85.78° W</u>		Facility Street Address or Location/Description <u>Pappy Dunn Blvd</u>	
Township(s), Range(s), Section(s)		City <u>Anniston</u>	State/Zip <u>AL 36205</u>
Phone Number <u>256-231-7750</u>	Fax Number <u>256-231-7748</u>	E-Mail Address <u>kesha@anniston.al.gov</u>	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<u>Cane Creek</u>	<u>5.0</u>		

Item III.

Any Discharge Sampling Data Attached
 Any Instream Sampling Data Attached
 Any Photographs attached

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No deficiencies noted; road construction proceeding past Elyon; asphalt placed on phase 1 from Iron Mat Rd to Alameda

"Based upon the inspection of (date & time) 10/14/14 @ 0930 by the QCP, QCI, or a qualified person (list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, except for those deficiencies noted above, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <u>Kevin Ashley PE QCP</u>	Signature <u>[Signature]</u>	Date <u>10/14/14</u>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name COA		Facility/Site Name FT. McCLERGAN IMPROVEMENT PROJECT	
NPDES ALR10 A I 53	County CALHOUN	Facility Contact and Title KEVIN ASHLEY CITY ENGINEER	
Facility Latitude & Longitude (decimal or deg.min.sec) 33.7121° N 85.781° W		Facility Street Address or Location Description HAPPY DUNN BLVD	
Township(s), Range(s), Section(s)		City ANNISTON	State Zip AL. 36205
Phone Number 256-231-7750	Fax Number 256-231-7748	E-Mail Address Kashley@annistonal.gov	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
CANE CREEK	5.0		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

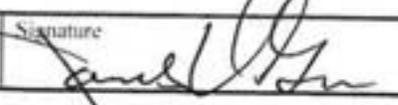
Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

NO DEFICIENCIES

"Based upon the inspection of (date & time) **11/17/14 11:55** by the QCP **QCI** or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP JAMES H. GREEN QCI	Signature 	Date 11/17/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name L ARCHISE JONES		Facility/Site Name 1625 PARKWIN CONVENIENCE STORE	
NPDES COA-LDP-14-07-001 ALR10	County CALHOUN	Facility Contact and Title MONFORD, OWNER	
Facility Latitude & Longitude (decimal or deg,min,sec) 33°39'57"N 85°51'12"W		Facility Street Address or Location Description 1625 PARKWIN AVE.	
Township(s), Range(s), Section(s)		City ANNISTON	State AL.
		Zip 36205	
Phone Number	Fax Number	E-Mail Address	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
SNOW CREEK	0.75		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

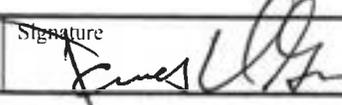
Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

NO CONSTRUCTION ENTRANCE

"Based upon the inspection of (date & time) **11/17/14 10:59** by the **QCI** or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP JAMES H. GREEN QCI	Signature 	Date 11/17/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AKRA BUILDERS		Facility Site Name IAC	
NPDES ALR10 AF6Z	County CALHOUN	Facility Contact and Title PAUL GRUNION PRES. AKRA	
Facility Latitude & Longitude (decimal or deg.min.sec) 33.7218° N, 85.7800° W		Facility Street Address & Location Description 318 HAPPY DAWN BLVD	
Township(s), Range(s), Section(s)		City ANNISTON	State AL
Phone Number 256-820-8285		Fax Number	Zip 36205
		E-Mail Address	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
CANE CREEK	7.5		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

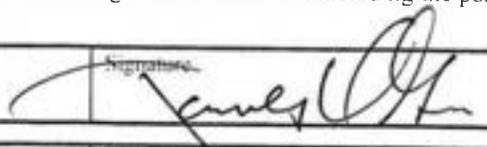
Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

NO DEFICIENCIES

"Based upon the inspection of (date & time) **11/17/14 11:44** by the QCP, **QCI** or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP James OLI	Signature 	Date 11/17/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name ALABAMA POWER COMPANY		Facility/Site Name Indian Hills DS-AL Power	
NPDES ALR10 A 6 5 8	County Calhoun	Facility Contact and Title Joel Stevens, Environmental Specialist	
Facility Latitude & Longitude (decimal or deg.min,sec) 33.62824° N, 85.81085° W		Facility Street Address or Location Description Williger Robinson Industrial Parkway	
Township(s), Range(s), Section(s) S16, T16S, R8E		City Anniston	State AL
Phone Number 205-231-3436	Fax Number 205-257-4349	E-Mail Address djmdaniel@southernco.com	
Zip 36207			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
UT of Choccolocco Creek	2.5		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

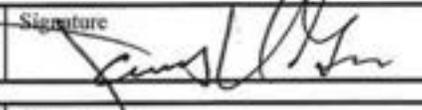
Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

NO DEFICIENCIES; project is complete

“Based upon the inspection of (date & time) **06/20/14 15:28** by the QCP, QCI, or a qualified person (list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP JAMES H. GREEN QCI	Signature 	Date 06/20/14
Name & Title of Registrant Responsible Official	Signature	Date

COA-LDP-13-10-001

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>Braxton Harris Company</i>		Facility/Site Name <i>Agility Fuels</i>	
NPDES <i>LDP-13-10-001</i> ALR16	County <i>Calhoun</i>	Facility Contact and Title <i>Terry Penny Contractor</i>	
Facility Latitude & Longitude (decimal or deg,min,sec)		Facility Street Address or Location Description <i>1417 Commerce Drive</i>	
Township(s), Range(s), Section(s) <i>S22, T16S, R8E</i>		City <i>Anniston</i>	State <i>AL</i>
Phone Number <i>256-835-1090</i>	Fax Number	E-Mail Address	
			Zip <i>36202</i>

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>UT of Chorallorca Creek</i>	<i>2.15 AC</i>		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

NO DEFICIENCIES; Site is complete

“Based upon the inspection of (date & time) *06/20/14 15:36* by the QCP, QCI, or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP <i>JAMES H. GREEN QCI</i>	Signature <i>[Signature]</i>	Date <i>06/20/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>Ridgcrest Estates</i>		Facility/Site Name <i>Ridgcrest Estates</i>	
NPDES <i>ALR10 9968</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Olympia Construction</i>	
Facility Latitude & Longitude (decimal or deg,min,sec) <i>33° 43' 0.9" N, 95° 49' 14.9" W</i>		Facility Street/Address or Location Description <i>North end of Centerbrook Drive</i>	
Township(s), Range(s), Section(s) <i>S17, T15S, R8E</i>		City <i>Anniston</i>	State <i>AL</i>
Phone Number <i>256-878-2408</i>	Fax Number <i>NA</i>	E-Mail Address <i>rudy@sunbeltmetro.com</i>	
Zip <i>36202</i>			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Cane Creek</i>	<i>5.61</i>		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

Sod & matting still not placed within detention pond area; emailed RO about getting this completed ASAP; waiting on punch list items it would

"Based upon the inspection of (date & time) *01/13/14 @ 1000* by the QCP, QCI, or a qualified person (list: *Kevin Ashby*) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <i>Kevin Ashby, Civil Engineer, QCI # 73477</i>	Signature <i>Kevin Ashby</i>	Date <i>01/13/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name JF Morgan		Facility/Site Name Victory Christian Hq Church	
NPDES ALR10 AA N 8	County Calhoun	Facility Contact and Title Charles Gregory Senior Pastor	
Facility Latitude & Longitude (decimal or deg,min,sec) 33° 41' 11" N, 85° 49' 43" W		Facility Street Address or Location Description 200' East of Jct of Noldest + Blue Mountain	
Township(s), Range(s), Section(s) S32, T15S, R4E		City Amiston	State AL
Phone Number 205-431-6284	Fax Number NA	E-Mail Address vhale@cablone.net	
		Zip 36021	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Pilgrims Creek	2.0		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No Deficiencies; Flushing interior of building

"Based upon the inspection of (date & time) **6/13/14 @ 1200** by the QCP, QCI, or a qualified person (list: **Kevin Ashby**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin Ashby, City Engineer, QCI # T3477	Signature Kevin Ashby	Date 6/13/14
Name & Title of Registrant Responsible Official	Signature	Date

COA-LDP-1372-002

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name AKRA Builders		Facility/Site Name International Automotive	
NPDES ALR10 A F 6 2	County Calhoun	Facility Contact and Title Paul Grunloh, President - AKRA Builder	
Facility Latitude & Longitude (decimal or deg,min,sec) 33.7218° N, 85° 7806° W		Facility Street Address or Location Description 318 Papp Dunn Blvd	
Township(s), Range(s), Section(s)		City Anniston	State AL
Phone Number 256-820-8295	Fax Number NA	E-Mail Address pgrunloh@akrabuilders.com	
		Zip 36205	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Cane Creek	7.5		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

Hold Grading contractor to place silt fence barrier around dirt mound; building framing + structure moving e for pav

“Based upon the inspection of (date & time) **6/13/14 @ 1400** by the QCP, QCI, or a qualified person (list: **Kevin Ashby**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP Kevin Ashby, PE, QCI # 3477	Signature Kevin Ashby	Date 6/13/14
Name & Title of Registrant Responsible Official	Signature	Date

COA WDP - 14-04-001

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>Aniston Public Building Authority</i>		Facility/Site Name <i>Former Chalkin Mill</i>	
NPDES <i>ALR16 A 547</i>	County	Facility Contact and Title <i>near 1300 Block of Grove St behind DHP</i>	
Facility Latitude & Longitude (decimal or deg,min,sec)		Facility Street Address or Location Description <i>WGS Burkson SR, Chairman</i>	
Township(s), Range(s), Section(s)		City <i>Aniston</i>	State <i>AL</i>
		Zip <i>36202</i>	
Phone Number <i>256-235-7750</i>	Fax Number <i>256-235-7748</i>	E-Mail Address <i>Kashlye@aniston.al.gov</i>	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Snow Creek</i>	<i>4.0</i>		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

No issues; lack about 1200 CY from completion

"Based upon the inspection of (date & time) *6/13/14 @ 1530* by the QCP, QCI or a qualified person (list: *Kevin Ashly*) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <i>Kevin Ashly, PE, City Engineer T#3477</i>	Signature <i>Kevin Ashly</i>	Date <i>6/13/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

COA - LOP - 13-10-001

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <u>Braxton Herring Co.</u>		Facility/Site Name <u>Agility Fuels</u>	
NPDES <u>ALR16</u>	<u>LOP-13-10-001</u>	County <u>Calhoun</u>	Facility Contact and Title <u>Terry Penny - Contractor</u>
Facility Latitude & Longitude (decimal or deg,min,sec)		Facility Street Address or Location Description <u>1417 Commerce Drive</u>	
Township(s), Range(s), Section(s) <u>S22, T16S, R8E</u>		City <u>Anniston</u>	State <u>AL</u>
Phone Number <u>256-835-1090</u>	Fax Number	E-Mail Address	
			Zip <u>36202</u>

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<u>UT of Choccolocco Creek</u>	<u>2.15 AC</u>		

Item III.

- Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.
- Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

SITE 90% COMPLETE, NO DEFICIENCIES

"Based upon the inspection of (date & time) 12:50 09/28/2014 by the QCP, QCI, or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <u>James H. Green QCI T3478</u>	Signature <u>JAMES H. GREEN</u>	Date <u>09/28/14</u>
Name & Title of Registrant Responsible Official	Signature	Date

COA LDP-13-05-001

ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>Alabama Power Company</i>		Facility/Site Name <i>Indian Hills DS</i>	
NPDES <i>ALR10 A 6 S 8</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Joel Stevens Environmental Specialist</i>	
Facility Latitude & Longitude (decimal or deg,min,sec) <i>33.62824° N, 85.81085° W</i>		Facility Street Address or Location Description <i>Hillyer Robinson Industrial Parkway</i>	
Township(s), Range(s), Section(s) <i>S16, T16S, R8E</i>		City <i>Anniston</i>	State <i>AL</i>
Phone Number <i>205-231-3436</i>	Fax Number <i>205-257-4349</i>	E-Mail Address <i>jj.mcdaniels@seathornco.com</i>	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>UT of Chorcolocca Creek</i>	<i>2.5</i>		

Item III.

- Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.
- Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

SITE LOOKS STABLE, NO DEFICIENCIES

"Based upon the inspection of (date & time) *12:36 04/28/14* by the QCP, QCI, or a qualified person

(list: _____) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP <i>JAMES H. GREEN QCI T3478</i>	Signature <i>[Signature]</i>	Date <i>04/28/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

COA LOP-13-12-001

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>J.F. Morgan, Contractor</i>		Facility/Site Name <i>Village Christian HQ Church</i>	
NPDES <i>ALR10 AAU 8</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Charles Gregory Senior, Pastor</i>	
Facility Latitude & Longitude (decimal or deg,min,sec) <i>33° 41' 11" N, 85° 49' 40" W</i>		Facility Street Address or Location Description <i>200' East of Int of Noble St & Blue Mt. Rd</i>	
Township(s), Range(s), Section(s) <i>S3, T15S, R8E</i>		City <i>Anniston</i>	State <i>AL</i>
Phone Number <i>256-831-5284</i>	Fax Number <i>NA</i>	E-Mail Address <i>vhgle@cablone.net</i>	
Zip <i>36204</i>			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Pilgrims Creek</i>	<i>20</i>		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

Sediment & EC system in good shape; building is erected; Permit not posted; bare soil needs cover (gravel, base, mulch)

“Based upon the inspection of (date & time) *4/28/14 e KOD* by the QCP, QCI, or a qualified person (list: *Kevin Ashley*) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP <i>Kevin L. Ashley, P.E., City Engineer QCI# T3477</i>	Signature <i>Kevin Ashley</i>	Date <i>4/28/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name Akra Builders		Facility/Site Name International Automotive	
NPDES ALR10 AF 62	County Calhoun	Facility Contact and Title Paul Grunloh, President - AKRA Builders	
Facility Latitude & Longitude (decimal or deg,min,sec) 33.7218°N, 85.7806°W		Facility Street Address or Location Description 318 Popp, Dunn Blvd	
Township(s), Range(s), Section(s)		City Anniston	State AL Zip 36205
Phone Number 256-820-9285	Fax Number NA	E-Mail Address pgrunloh@akrabuilders.com	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
Cane Creek	7.5		

Item III.

Any Discharge Sampling Data Attached. Any Instream Sampling Data Attached. Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

Sediment & EC systems functioning properly; No sediment leaving site; gravel parking constructed & earthwork continues on NE building addition; site has been recently paved; awaiting final grading & landscaping

"Based upon the inspection of (date & time) **4/28/14 @ 1420** by the QCP, QCI, or a qualified person (list: **Kevin Ashby**) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility's CBMP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP Kevin L. Ashby, P.E., C.E., Engineer, QCI # T3477	Signature Kevin Ashby	Date 4/28/14
Name & Title of Registrant Responsible Official	Signature	Date

**ADEM – NPDES NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN 5 ACRES
STORMWATER INSPECTION REPORT AND BMP CERTIFICATION**

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Complete this form, attach additional information as necessary, and send report to the ADEM Montgomery office.

Item I.

Registrant Name <i>Ridgecrest Estates</i>		Facility/Site Name <i>Ridgecrest Estates</i>	
NPDES <i>ALR10 9 9 6 8</i>	County <i>Calhoun</i>	Facility Contact and Title <i>Olympia Construction - Bill Franz</i>	
Facility Latitude & Longitude (decimal or deg,min,sec) <i>33° 43' 0.9" N, 85° 49' 14.9" W</i>		Facility Street Address or Location Description <i>North end of Centerbrook Dr.</i>	
Township(s), Range(s), Section(s) <i>S17, T15S, R8E</i>		City <i>Anniston</i>	State <i>AL</i>
Phone Number <i>256-878-2408</i>	Fax Number <i>N/A</i>	E-Mail Address <i>rudy@sunbeltmg.com</i>	
Zip <i>36202</i>			

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drain through each treatment system or BMP:

Receiving Water	Disturbed Acres	Receiving Water	Disturbed Acres
<i>Cane Creek</i>	<i>5.61</i>		

Item III.

Any Discharge Sampling Data Attached.
 Any Instream Sampling Data Attached.
 Any Photographs attached.

Based on this site evaluation which a QCI, QCP, or a qualified person under the direct supervision of a QCP conducted, discharge and/or instream sampling is not necessary to properly evaluate the effectiveness of BMP implementation to ensure compliance with this registration. I understand that it is the responsibility of the registrant to know and effectively evaluate the quality of the stormwater being discharged. Lack of knowledge regarding the requirements of ADEM Administrative Code Chapter 335-6-12, stormwater discharge or instream water quality, shall not constitute a valid defense with regard to deficiencies in BMP implementation and maintenance, or negative impacts to water quality.

Item IV.

INSPECTION RESULTS: (Describe current activities, deficiencies, proposed corrective action(s) and compliance schedule, etc.)

Detention Pond Slope Area needs to be graded; sediment needs to be cleared from west haybales near detention pond;

“Based upon the inspection of (date & time) *4/28/14 @ 1520* by the QCP, QCI or a qualified person (list: *Kevin Ashby*) under the direct supervision of the QCP identified below conducted, the QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, **except for those deficiencies noted above**, in accordance with the facility’s CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of ADEM Administrative Code Chapter 335-6-12. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

Name & Designation of QCI or QCP <i>Kevin L. Ashby, PE, Civil Engineer, QCI #T3477</i>	Signature <i>Kevin Ashby</i>	Date <i>4/28/14</i>
Name & Title of Registrant Responsible Official	Signature	Date

Construction Site Plan Review April 1, 2014 - March 31, 2015

Project Name	Location	LDP	Detention	BMP plan	Approved	Date
Refuge II Church	23rd / Walnut	NO	existing	yes	yes	6/18/2014
Proposed Convi. Store	1625 Parkwin Avenue	yes	yes	yes	yes	7/10/2014
New Parking Lot	1213 Leighton Ave	NO	No	Yes	Yes	7/24/2014
Anniston Funeral Services	South Wilmer Avenue	No	No	No	No	NA
Lenlock McDonalds	McClellan Blvd/wal mart	No	existing UG	yes	Yes	9/9/2014
Dialysis Center	2017 Quintard Ave	Yes	Yes - UG	Yes	Yes	11/19/2014
Harbour Freight Tools	3226 McClellan Blvd	No	No	No	Yes	12/12/2014
Forest Lawn Gardens	730 Golden Springs Rd	No	No	Yes	Yes	12/15/2014
Go Kart Track	2930 McClellan Blvd	No	No	Yes	Yes	12/30/2014
Anniston EMS addition	1501 Noble Street	NO	No	yes	yes	1/22/2015
Jacks in Lenlock	McClellan Blvd	NO	No	yes	yes	2/4/2015
McCormick Refrigeration	1600 Front Street	Yes	Yes	yes	yes	2/17/2015



CITY OF ANNISTON

P.O. Box 2168
Anniston, AL 36202

TELEPHONE (256) 231-7750

FAX (256) 231-7748

This AGREEMENT, made and entered into this 9th day of DECEMBER, 2014,
by and between (Insert Full Name of Owner) Victory HEADQUARTERS CHRISTIAN CENTER his/her
successors and assigns, including but not limited to any homeowners association, commercial
developer, holder of any portion of the below described property, and/or similar (hereinafter
called the "Landowner"), and the City of Anniston, Alabama; hereinafter called the "City".

WITNESSETH, that WHEREAS, the Landowner is the owner of certain real property described
as (Calhoun County Tax Map/Parcel Identification Number) 1809322002005003
and recorded by deed in the land records of Calhoun County, Alabama, Deed Book 3162
Page 0000041, hereinafter called the "Property".

WHEREAS, the Landowner is proceeding to develop the property and/or build upon the
property; and

WHEREAS, the Stormwater Management and Operations and Maintenance (O&M) Plan;
hereinafter called "the Plan", which is expressly made a part hereof, as approved or to be
approved by the City, provides for management of stormwater runoff for the property; and

WHEREAS, the City and the Landowner, its successors and assigns, agree that the health, safety,
and welfare of the residents of Anniston, Alabama, require that stormwater management
facilities be constructed and maintained on the Property and in accordance with the Plan; and

WHEREAS, the City requires that stormwater management facilities as shown within the Plan be
constructed and adequately maintained by the Landowner, its successors and assigns.

NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants
contained herein, and the following terms and conditions, the parties hereto agree as follows:

1. The stormwater management facilities shall be constructed and/or upgraded as well as maintained by the Landowner, its successors and assigns, in accordance with the specifications identified in the Plan.
2. The Landowner, its successors and assigns, shall adequately maintain the stormwater management facilities and perform the work necessary to keep those facilities in good working order at all times, as described in the Plan. This includes all pipes, channels or other conveyances built to convey stormwater to the facility, as well as all structures, improvements, and vegetation provided to control the quantity and quality of the stormwater runoff. Adequate maintenance is herein defined as good working condition so that these facilities are performing their approved design functions.

3. The Landowner, its successors and assigns, shall inspect the stormwater management facility and submit an inspection report annually to the City Administrator (or his designee). The purpose of the inspection is to ensure safe and proper functioning of the stipulated facilities. The inspection shall cover all applicable stormwater management facilities, including but not limited to, conveyance measures, berms, outlet structures, pond areas, etc. Deficiencies shall be noted in the inspection report along with a schedule for repair. The inspection procedures, frequency and report shall follow the procedures established and approved in the Plan.
4. The Landowner, its successors and assigns, hereby grant permission to the City, its authorized agents and employees, to enter upon the Property and to inspect the stormwater management facilities whenever the City deems necessary and with reasonable notice having been given to the Landowner. The City shall provide the Landowner, its successors and assigns, copies of the inspection findings and a directive to commence with the repairs if necessary.
5. In the event the Landowner, its successors and assigns, fails to maintain the stormwater management facilities in good working condition acceptable to the City, the City may issue citations to the Landowner for resulting, continuing ordinance violations (as set forth in the Anniston Code of Ordinances), until such time as the issues are satisfactorily resolved. Additionally, the City may enter upon the Property and implement the necessary measures to correct deficiencies identified in the inspection report and to recover the costs of such repairs from the Landowner, its successors and assigns through the appropriate means. This provision shall not be construed to allow the City to erect any structure of permanent nature on the land of the Landowner outside of the easement for the stormwater management facilities. It is expressly understood and agreed that the City is under no obligation to routinely maintain or repair said facilities, and in no event shall this AGREEMENT be construed to impose any such obligation on the City.
6. Landowner, its successors and assigns, will perform the work necessary to keep these facilities in good working order as appropriate. In the event a maintenance schedule for the stormwater management facilities (including sediment removal) is outlined on the approved plan, the schedule will be followed.
7. In the event the City, pursuant to this AGREEMENT, performs work of any nature, or expends any funds in performance of said work for labor, use of equipment, supplies, materials, and the like, the Landowner, its successors and assigns, shall reimburse the City upon demand, within thirty (30) days of receipt thereof for all actual costs incurred by the City hereunder.
8. This Agreement imposes no liability of any kind whatsoever on the City and the Landowner agrees to hold the City harmless from any liability in the event the stormwater management facilities fail to operate properly.
9. This AGREEMENT shall be recorded among the land records of Calhoun County, Alabama, and shall constitute a covenant running with the land, and shall be binding on the Landowner, its administrators, executors, assigns, heirs and any other successors in interests, including any homeowners association.

CERTIFICATION

Mental Health Fee	4.00
Recording Fee	15.00
TOTAL	19.00

OWNER:

WITNESS the following signatures and seals:

Company/Corporation/Partnership Name (Seal)

* By: Charles D. Gregory Sr., Ed.S. for Victory Headquarters Christian Ctr
 * Charles D. Gregory Sr., Ed.S., Senior Pastor
 (Type Name and Title)

ANNISTON, ALABAMA:

By: Kevin Ashby
Kevin Ashby, P.E., City Engineer
 (Type Name and Title)

Date: 12/19/14

The foregoing AGREEMENT was acknowledged before me this 9th day of Dec., 2014
by

S. Terrence A. [Signature]

NOTARY PUBLIC

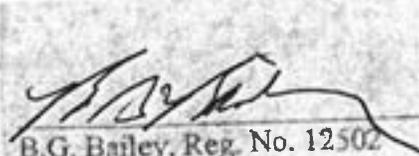
My Commission Expires: 11-18-17

State of Alabama:
Calhoun County:

I, B.G. Bailey, A REGISTERED ENGINEER of the STATE OF ALABAMA, do hereby certify that the retention structure depicted hereon is according to my initial design.

This Tuesday, 18th Day of December, 2014.




B.G. Bailey, Reg. No. 12502
Bailey Engineering, Inc.
1205 Noble Street
Anniston, AL. 36201
256-237-4834

Legal Description
Calhoun County, Alabama

2 acres +/- / Noble Street
Broadway Group

All that part of the Northwest Quarter of Section 32, Township 15 South, Range 8 more particularly described as beginning at a capped pin found on the North right way for Blue Mountain Road that is South 86 degrees 26 minutes 32 seconds West 200.06 feet, from the Southeast intersection of Noble Street and Blue Mountain

Thence from the true point of beginning and along said North right of way for Blue Mountain Road and along a curve to the left having a chord bearing and distance North 84 degrees 32 minutes 10 seconds East 250.72 feet to an iron set (BSS) 1' of an existing fence corner

Thence leaving said right of way South 04 degrees 06 minutes 34 seconds West 1' feet to an iron pin set (BSS)

Thence North 89 degrees 55 minutes 14 seconds West 222.47 feet to an iron pin (BSS)

Thence North 00 degrees 04 minutes 40 seconds East 360.00 feet to the point of beginning and containing 2 acres more or less.

Subject to all rights of way and any easements recorded or unrecorded.

13-4065a

Annual Inspection Report for Stormwater Management Ponds

Location: Detention Pond - Stillwater

Date: 2/23/15

Inspector: Kevin Ashley

Inspection Items:	Pass	Fail	N/A	Comments
Terrain/bank Components				
Bank Stabilization	X			
Spillway	X			
Outfall	X			
Other:	X			
Water Quality				
Turbidity	X			
Floating Debris			X	
Submerged/semi-submerged debris			X	
Oil Sheen/Surface Scum	X			
Other:			X	
General Site Conditions				
Proper Maintenance Access	X			
Other:			X	
Structures				
Pumps			X	
Aerators			X	
Valves			X	
Water Treatment Structures			X	
Other:			X	

Actions Required: _____

Annual Inspection Report for Stormwater Management Ponds

Location: Detention Pond - Advanced Logistics
 Date: 2/23/15 Inspector: Kevin Ashley

Inspection Items:	Pass	Fail	N/A	Comments
Terrain/bank Components				
Bank Stabilization	X			
Spillway	X			
Outfall		X		Stand pipe damaged while cutting grass on bank;
Other:			X	
Water Quality				
Turbidity	X			
Floating Debris	X			
Submerged/semi-submerged debris			X	
Oil Sheen/Surface Scum	X			
Other:			X	
General Site Conditions				
Proper Maintenance Access	X			
Other:			X	
Structures				
Pumps			X	
Aerators			X	
Valves			X	
Water Treatment Structures			X	
Other:			X	

Actions Required: Once water level subsides, jet rod outfall pipe & re-construct stand pipe to design elevation.

Annual Inspection Report for Stormwater Management Ponds

Location: Oakland Avenue - Pond #
 Date: 17 FEB 15 Inspector: Kevin Ashley

Inspection Items:	Pass	Fail	N/A	Comments
Terrain/bank Components				
Bank Stabilization	P			
Spillway	P			
Outfall	P			
Other:				
Water Quality				
Turbidity	P			
Floating Debris	P			
Submerged/semi-submerged debris	P			
Oil Sheen/Surface Scum	P			
Other:				
General Site Conditions				
Proper Maintenance Access	P			
Other:				
Structures				
Pumps			X	
Aerators			X	
Valves			X	
Water Treatment Structures			X	
Other:				

Actions Required: _____

CITY OF ANNISTON, ALABAMA Storm Water Inspection Checklist

Facility Name:	Street Dept. Armory
Facility Location:	
Date/Time of Inspection:	1430 17 FEB 15
Reason for Inspection:	Annual Inspection
Weather:	Sunny 30°

Does the facility have a NPDES Industrial Storm water Permit?	YES	NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	NO	N/A
Has facility implemented the SWP3?	YES	NO	N/A
Were storm water issues discussed with on-site representative?	YES	NO	N/A
If Yes, what is name and position of the representative?	Name:		
	Position:		
Is there evidence of storm water pollutants leaving site? (If YES, explain below) Describe pollutants:			
Corrective actions/ other comments:			

Inspector Name:	Kevin Ashley
Job Title:	City Engineer
Signature:	Kevin L. Ashley

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential storm water pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

Inspection Results:

Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI & Storm water Pollution Prevention Plan	NA			
Absorbent Material	NA			
Emergency Spill Kit	NA	P		
Areas around machinery and/or equipment	Y	P		
Outdoor storage and handling areas	Y	P		
Waste generation, storage, treatment and disposal areas	Y	P		
Vehicle wash-down areas	Y	P		
Fueling areas	Y	P		
Loading and unloading areas	Y	P		
Structural Controls (list each)	NA			
Other:				

CITY OF ANNISTON, ALABAMA Storm Water Inspection Checklist

Facility Name:	City Garage
Facility Location:	
Date/Time of Inspection:	1330 17 FEB 15
Reason for Inspection:	Annual
Weather:	Sunny 30°

Does the facility have a NPDES Industrial Storm water Permit?	YES	NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	NO	N/A
Has facility implemented the SWP3?	YES	NO	N/A
Were storm water issues discussed with on-site representative?	YES	NO	N/A
If Yes, what is name and position of the representative?	Name:		
	Position:		
Is there evidence of storm water pollutants leaving site? (If YES, explain below) Describe pollutants:			
Corrective actions/ other comments:			

Inspector Name:	Kevin Ashby
Job Title:	City Engineer
Signature:	Kevin Ashby

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential storm water pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

Inspection Results:

Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI & Storm water Pollution Prevention Plan				
Absorbent Material	Yes	P		
Emergency Spill Kit	Yes	P		
Areas around machinery and/or equipment	Yes	P		
Outdoor storage and handling areas	Yes	P		
Waste generation, storage, treatment and disposal areas	Yes	P		
Vehicle wash-down areas	Yes	P		
Fueling areas	Yes	P		
Loading and unloading areas	Yes	P		
Structural Controls (list each)				
Other:				

CITY OF ANNISTON, ALABAMA Storm Water Inspection Checklist

Facility Name:	Fire Station #1
Facility Location:	
Date/Time of Inspection:	1245 on 23 FEB 15
Reason for Inspection:	annual
Weather:	cloudy 40°

Does the facility have a NPDES Industrial Storm water Permit?	YES	NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	NO	N/A
Has facility implemented the SWP3?	YES	NO	N/A
Were storm water issues discussed with on-site representative?	YES	NO	N/A
If Yes, what is name and position of the representative?	Name:		
	Position:		
Is there evidence of storm water pollutants leaving site? (If YES, explain below) Describe pollutants:			
Corrective actions/ other comments:			

Inspector Name:	Kevin Ashley
Job Title:	City Engineer
Signature:	Kevin L. Ashley

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential storm water pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

Inspection Results:

Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI & Storm water Pollution Prevention Plan				
Absorbent Material	Y	P		
Emergency Spill Kit	Y	P		
Areas around machinery and/or equipment	Y	P		
Outdoor storage and handling areas	Y	P		
Waste generation, storage, treatment and disposal areas	NA			
Vehicle wash-down areas	Y	P		
Fueling areas	NA			
Loading and unloading areas	Y	P		
Structural Controls (list each)				
Other:				

CITY OF ANNISTON, ALABAMA Storm Water Inspection Checklist

Facility Name:	Fire Station #2
Facility Location:	
Date/Time of Inspection:	1600 on 23 FEB 15
Reason for Inspection:	Annual
Weather:	Cloudy 40°

Does the facility have a NPDES Industrial Storm water Permit?	YES	NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	NO	N/A
Has facility implemented the SWP3?	YES	NO	N/A
Were storm water issues discussed with on-site representative?	YES	NO	N/A
If Yes, what is name and position of the representative?	Name:		
	Position:		
Is there evidence of storm water pollutants leaving site? (If YES, explain below) Describe pollutants:			
Corrective actions/ other comments:			

Inspector Name:	Kevin Ashley
Job Title:	City Engineer
Signature:	<i>Kevin Ashley</i>

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential storm water pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

Inspection Results:

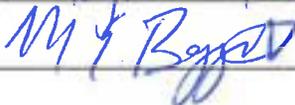
Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI & Storm water Pollution Prevention Plan	NA			
Absorbent Material	Y	P		
Emergency Spill Kit	Y	P		
Areas around machinery and/or equipment	Y	P		
Outdoor storage and handling areas	Y	P		
Waste generation, storage, treatment and disposal areas	NA			
Vehicle wash-down areas	Y	P		
Fueling areas	NA			
Loading and unloading areas	Y	P		
Structural Controls (list each)				
Other:				

City of Anniston, Alabama Storm Water Inspection Checklist

Facility:	Fire station #3
Facility Location:	34 traffic circle (inside Ft. McJannet)
Date of Inspection:	3/27/2015
Reason for Inspection:	Annual NPDES Inspection
Weather:	60° Sunny

Has the facility applied for coverage under the NPDES Industrial Stormwater Permit?	YES	<input checked="" type="radio"/> NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	<input checked="" type="radio"/> NO	N/A
Has facility implemented the SWP3?	YES	<input checked="" type="radio"/> NO	N/A
Is there evidence of stormwater pollutants leaving site? (If YES, explain below) Describe pollutants: No			

Were stormwater issues discussed with on-site representative?	YES	<input checked="" type="radio"/> NO
If YES, what is name and position of representative? at on call.	Name:	
	Position:	
Other comments/summary: No evidence of illicit discharge.		

Inspector Name:	Mike Baggett
Company:	Ecological Planning Group
Signature:	

Inspection Results:

Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI				
Stormwater Pollution Prevention Plan				
Areas around machinery and/or equipment	Y	P	outdoor air compressor is covered	
Areas prone to leaks and spills	Y	P	driveway looks great No sign of spills or leaks	
Outdoor storage and handling areas	NA			
Waste generation, storage, treatment and disposal areas	Y	P	commercial dumpster with lid lid closed.	
Vehicle wash-down areas	NA			
Fueling areas	NA			
Loading and unloading areas	Y	P	Indoors	
Other:				

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential stormwater pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

City of Anniston, Alabama Storm Water Inspection Checklist

Facility:	Fire Station #4
Facility Location:	1923 Cooper Ave
Date of Inspection:	3/27/2015
Reason for Inspection:	Annual NPDES Inspection
Weather:	Sunny 53°

Has the facility applied for coverage under the NPDES Industrial Stormwater Permit?	YES	<input checked="" type="radio"/> NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	<input checked="" type="radio"/> NO	N/A
Has facility implemented the SWP3?	YES	<input checked="" type="radio"/> NO	N/A
Is there evidence of stormwater pollutants leaving site? (If YES, explain below) Describe pollutants: No site is clean and well maintained no evidence of anything other than stormwater leaving site			

Were stormwater issues discussed with on-site representative?	YES	<input checked="" type="radio"/> NO
If YES, what is name and position of representative?	Name:	
	Position:	
Other comments/summary: storm drainage runs under parking lot. In good condition no signs of illicit discharge. concrete lot has no signs of leaks or spills. Firemen out on a call but site looks great.		

Inspector Name:	Mike Baggett
Company:	Ecological Planning Group
Signature:	

Inspection Results:

Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI				
Stormwater Pollution Prevention Plan				
Areas around machinery and/or equipment	Y	P		
Areas prone to leaks and spills	Y	P		
Outdoor storage and handling areas	NA		all areas covered storage shed to building	
Waste generation, storage, treatment and disposal areas	Y	P	residential refuse cart	
Vehicle wash-down areas	NA			
Fueling areas	NA			
Loading and unloading areas	Y	P	indoors	
Other:				

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential stormwater pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

CITY OF ANNISTON, ALABAMA Storm Water Inspection Checklist

Facility Name:	Fire Station #5
Facility Location:	
Date/Time of Inspection:	1330 @ 23 FEB 15
Reason for Inspection:	Annual
Weather:	40° Cloudy

Does the facility have a NPDES Industrial Storm water Permit?	YES	NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	NO	N/A
Has facility implemented the SWP3?	YES	NO	N/A
Were storm water issues discussed with on-site representative?	YES	NO	N/A
If Yes, what is name and position of the representative?	Name:		
	Position:		
Is there evidence of storm water pollutants leaving site? (If YES, explain below) Describe pollutants:			
Corrective actions/ other comments:			

Inspector Name:	Kevin Ashley
Job Title:	City Engineer
Signature:	Kevin L Ashley

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential storm water pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

Inspection Results:

Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI & Storm water Pollution Prevention Plan				
Absorbent Material	Y	P		
Emergency Spill Kit	Y	P		
Areas around machinery and/or equipment	Y	P		
Outdoor storage and handling areas	Y	P		
Waste generation, storage, treatment and disposal areas	NA			
Vehicle wash-down areas	Y	P		
Fueling areas	NA			
Loading and unloading areas	Y	P		
Structural Controls (list each)				
Other:				

CITY OF ANNISTON, ALABAMA Storm Water Inspection Checklist

Facility Name:	PARD Storage Yard-Holley Farms
Facility Location:	
Date/Time of Inspection:	1600 on 17 FEB 15
Reason for Inspection:	Annual Inspection
Weather:	30° Sunny

Does the facility have a NPDES Industrial Storm water Permit?	YES	NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	NO	N/A
Has facility implemented the SWP3?	YES	NO	N/A
Were storm water issues discussed with on-site representative?	YES	NO	N/A
If Yes, what is name and position of the representative?	Name:		
	Position:		
Is there evidence of storm water pollutants leaving site? (If YES, explain below) Describe pollutants:			
Corrective actions/ other comments:			

Inspector Name:	Kevin Ashley
Job Title:	City Engineer
Signature:	<i>Kevin L Ashley</i>

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential storm water pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

Inspection Results:

Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI & Storm water Pollution Prevention Plan	NA			
Absorbent Material	NA			
Emergency Spill Kit	NA			
Areas around machinery and/or equipment	Y	P		
Outdoor storage and handling areas	Y	P		
Waste generation, storage, treatment and disposal areas	Y	P		
Vehicle wash-down areas	Y	P		
Fueling areas	NA			
Loading and unloading areas	Y	P		
Structural Controls (list each)	NA			
Other:				

City of Anniston, Alabama Storm Water Inspection Checklist

Facility:	Parks and Recreation Department Equipment Center
Facility Location:	324 Town Center Dr. (Fort McClellan)
Date of Inspection:	5/27/2015
Reason for Inspection:	Annual NPDES Inspection
Weather:	56° Sunny

Has the facility applied for coverage under the NPDES Industrial Stormwater Permit?	YES	<input checked="" type="radio"/> NO	N/A
Does facility have Stormwater Pollution Prevention Plan (SWP3)?	YES	<input checked="" type="radio"/> NO	N/A
Has facility implemented the SWP3?	YES	<input checked="" type="radio"/> NO	N/A
Is there evidence of stormwater pollutants leaving site? (If YES, explain below) Describe pollutants:			
No			

Were stormwater issues discussed with on-site representative?	YES	NO
If YES, what is name and position of representative?	Name:	Mark Neblans
	Position:	Athletic Field Maint supervisor
Other comments/summary: Estimated 10 tires stored outdoors. These need to be covered, stored indoors, or properly disposed of		

Inspector Name:	Mike Baggett
Company:	Ecological Planning Group
Signature:	

Inspection Results:

Inspection Completed For:	YES/ NO/NA	PASS/ FAIL	Deficiencies Found	PHOTO #
Current Industrial NOI				
Stormwater Pollution Prevention Plan				
Areas around machinery and/or equipment	Y	P	tractor, goal posts, playground equip	
Areas prone to leaks and spills	N			
Outdoor storage and handling areas	N			
Waste generation, storage, treatment and disposal areas	Y	P	commercial dumpster with lid.	
Vehicle wash-down areas	Y		use water only washing	
Fueling areas	NA			
Loading and unloading areas	Y	P		
Other:				

Inspect for the following:	
Stains, spots or puddles of oils, grease, or chemicals on concrete or around drains.	Torn bags of dry chemicals or bags exposed to rain
Leaking or corroded equipment, pipes, containers, or lines.	Broken or cracked dikes, walls, or other physical barriers
Improperly labeled or leaking drums	Improper outdoor storage of potential stormwater pollutants
Inadequate or inaccessible spill response equipment	Oily rags improperly discarded

Work Orders by Issues Date and Status

Department *ENGINEERING DIVISION*

W.O. No.	Activity	Entry Date	Assigned To	Last Name	Route	Details
WO17873	DRAINAGE NEEDS CLEANED OUT	4/14/2014 4:10:31 PM	Tony Hill	Green	Brighton Avenue	The ditch in front of 2923 Brighton Ave has been filled in, covering the end of an 18" driveway pipe causing the water to flow onto and down the street. Remove fill from ditch to uncover pipe and allow water to drain properly.
WO18207	DRAINAGE NEEDS CLEANED OUT	7/3/2014 10:45:04 AM	Engineering Division	Moore	Acker Place	Per Eng/J. Green - Fill sunken area around storm box with dirt. Place concrete/rip rap flume at mouth of pipe to back of curb. Contact Engineering with questions. The drain is falling in and it is causing drainage issues down the side of her property -
WO18473	MISC. ENGINEERING REQUEST	9/25/2014 12:44:26 PM	Engineering Division	Papic	Russell Drive	The city came out and put concrete pits on either side of her driveway. There are no ditches associated with it and she feels that she if she is responsible for the stormwater fee, she needs to know why they were installed
WO18713	DRAINAGE NEEDS CLEANED OUT	1/5/2015 8:21:18 AM	Tony Hill	Tuttle	Kilby Terrace	The drain in front of her residence has been upturned by the rains and is a safety hazard.

Total for *ENGINEERING DIVISION*

Activity Count 4

Department *STREET DIVISION*

W.O. No.	Activity	Entry Date	Assigned To	Last Name	Route	Details
WO17803	DRAINAGE NEEDS CLEANED OUT	4/1/2014 9:23:44 AM	Tony Hill	Barnes	Conger Road	She claims the City put in a ditch/pipe around 1200 Conger a couple of years ago and it is causing some serious drainage issues for her property. She said all the water in pooling on the side of her house and causing some holes and getting close to her air conditioner
WO17878	DRAINAGE NEEDS CLEANED OUT	4/11/2014 9:13:34 AM	John Duncan	Jenkins	Devonshire Terrace	Mrs. Jenkins stated there is a lot across the street from them that

Monday, March 16, 2015

has a drainage ditch near the back of the property. She stated the ditch is stopped up and it causes the road to flood when it rains.

The drainage ditch that runs next to her property is washing away the dirt/soil that run along the banks. The city previously came out and placed rocks in some areas. Her bushes are bearing their roots.

The ditch at this address is washing away. It has almost eroded to her fence line.

He claims the drain/ditch is completely stopped up in the 1300 block of Mulberry

Jet-rod inlet on Elizabeth Street about 1/2 block above 10th Street School

Rework ditch bank, extend concrete flume to top of bank, and place medium size rip rap along ditch bank. For details see attached & James Green/ENG

Per. R. Dean. the storm drain in front of 860 Summerall Gate Rd needs repair. This needs to be done ASAP.

The ditch in front of his residence was dug deeper by the City of Anniston, now it always holds water. Something needs to be done about this. The water is standing and drawing mosquitos

The storm drain at 535 Hillyer High Road is causing blocked and causing erosion of the front of the house.

She said that the storm drain at the corner is clogged. It is always clogged. It was not properly installed and needs to be dug up and done correctly. Currently the drain lid is lifted up from someone hitting it.

The drainage in front of her house is blocked and causes her yard/driveway to flood.

WO17903	DRAINAGE NEEDS CLEANED OUT	4/23/2014 3:09:14 PM	Tony Hill	Aldridge	Dale Hollow Road	
WO17910	ASSESS ST. DIV. REQUEST & REPLY	4/25/2014 4:09:15 PM	Tony Hill		Springdale Road	
WO17944	DRAINAGE NEEDS CLEANED OUT	5/9/2014 9:22:33 AM	Tony Hill	Kirksey	Mulberry Avenue	
WO18034	DRAINAGE NEEDS CLEANED OUT	6/4/2014 10:59:21 AM	Tony Hill	Bussey	Elizabeth Street	
WO18054	EVALUATE DRAINAGE PROBLEM	6/9/2014 12:20:35 PM	Tony Hill	Green	Oakland Avenue	
WO18074	DRAINAGE NEEDS CLEANED OUT	6/13/2014 12:00:29 PM	Tony Hill	Dean	Summerall Gate Road	
WO18109	DRAINAGE NEEDS CLEANED OUT	6/19/2014 2:15:13 PM	Tony Hill	Boyce	Cave Road	
WO18112	DRAINAGE NEEDS CLEANED OUT	6/16/2014 1:32:24 PM	Tony Hill	Dickens	Hillyer High Road	
WO18113	DRAINAGE NEEDS CLEANED OUT	6/19/2014 1:12:01 PM	Tony Hill	Dornisch	Dawvon Terrace	
WO18226	DRAINAGE NEEDS CLEANED OUT	7/15/2014 3:53:22 PM	Tony Hill	Swink	Railroad Avenue	

WO18265	DRAINAGE NEEDS CLEANED OUT	7/23/2014 2:22:18 PM	Tony Hill	Green	East 10th Street	There is debris covering the grate inlet in front of 1521 E 10th Street. It is causing the water to pond in the road during rains. The debris needs to be removed.
WO18266	DRAINAGE NEEDS CLEANED OUT	7/23/2014 2:23:40 PM	Tony Hill	Green	Kilby Terrace	There is debris covering the grate inlet in front of 1405 Kilby Terrace causing water to pond in the road during rains. The debris from the top of the grate needs to be removed.
WO18292	DRAINAGE NEEDS CLEANED OUT	7/10/2014 12:02:58 PM	Tony Hill	Dean	Hillyer High Road	At 535 Hillyer High, increase grate drainage size. See Engineering for any questions.
WO18304	DRAINAGE NEEDS CLEANED OUT	8/11/2014 3:56:00 PM	Tony Hill	Smith	Cooper Avenue	The drain behind her address needs to be secured. Per K.Ashley/ PWD the lid needs to be reset on inlet/junction box. Engineers set stake next to it.
WO18325	DRAINAGE NEEDS CLEANED OUT	8/15/2014 3:17:52 PM	Tony Hill	Dean	Dale Hollow Road	Per Bob/PWD, address the issue with the exposed roots at the ditch next to her property. She is stating that the roots to her bushes are exposed and the ditch line is washing away. SEE ATTACHED previous W.O. and email from resident
WO18488	DRAINAGE NEEDS CLEANED OUT	9/4/2014 2:08:45 PM	Tony Hill	Reynolds	Maplewood Avenue	She stated the drain at the edge of her front yard needs to be cleaned out.
WO18508	DRAINAGE NEEDS CLEANED OUT	9/30/2014 2:43:55 PM	Tony Hill	Cobb	Fountain Drive	Extend slope paving/concrete flume on exit of Fountain Dr. The shoulder of road has failed and 12" drop off right now (safety issue). We also need to put some gravel/rip rap on upstream eroding ditch. Evaluated by K.Ashley, Enq.
WO18517	DRAINAGE NEEDS CLEANED OUT	10/6/2014 9:27:37 AM	Tony Hill	Doster	Sunset Drive	The storm drain in front of his residence and across the street appear to be stopped up and not draining properly
WO18520	DRAINAGE NEEDS CLEANED OUT	10/10/2014 4:14:44 PM	Tony Hill	Green	West 14th Street	Inlet at the NW corner of 14th/Stephens needs to be cleaned out, grass clippings removed from grate and jet-rodged. Outlet on Stephens next to 1100 West 14th needs cleaned out and gutter needs asphalt removed from mouth of

outlet south. SEE ATTACHMENT FOR FUTHER DETAILS.

WO18564	DRAINAGE NEEDS CLEANED OUT	10/27/2014 4:19:05 PM	Tony Hill	Dean	Kilby Terrace	She said the drain is covered in mud, leaves and debris. She said the area will flood if this is not cleaned.
WO18623	DRAINAGE NEEDS CLEANED OUT	10/7/2014 12:09:59 PM	Tony Hill	Page	Lyda Road	Evaluated for blockage in culvert at 1830 Lyda Rd.- Per Eng/K.Ashley, take mini excavator and remove river rock accumulating in drainage ditch between 1830 Lyda Rd and 1924 Canterbury.
WO18651	DRAINAGE NEEDS CLEANED OUT	12/3/2014 11:27:30 AM	Tony Hill	Hanvey	Whiteside Avenue	4116 Whiteside Avenue order and place class II rip rap and filter blanket along ditch channel bottom and side slope to prevent erosion. see attached.
WO18654	DRAINAGE NEEDS CLEANED OUT	12/11/2014 1:55:59 PM	Danny Bussey	Hall	Central Avenue	Sewer pipes are clogged.
WO18691	DRAINAGE NEEDS CLEANED OUT	1/5/2015 8:27:19 AM	Tony Hill	Resident	Shamrock Road	The drain is stopped up at the intersection of Shamrock and Afton Brae and has caused some severe flooding. He said there is still a lot of standing water in the area.
WO18693	DRAINAGE NEEDS CLEANED OUT	1/5/2015 9:17:53 AM	Tony Hill	Garrison	Michael Lane	The culvert next to her driveway is stopped up with leaves and causing some flooding issues
WO18694	DRAINAGE NEEDS CLEANED OUT	1/5/2015 9:26:55 AM	Tony Hill	Elston	Carter Street	Check for stopped up drainage in front of 1310 Carter St
WO18709	DRAINAGE NEEDS CLEANED OUT	1/5/2015 11:23:05 AM	Tony Hill	Zaner	Berkshire Drive	The drainage behind her residence is stopped up. Causing flooding and her property to erode. Per Eng - Ditch behind address needs to be made 12"-18" deeper to keep water flow inside ditch.
WO18718	DRAINAGE NEEDS CLEANED OUT	1/6/2015 9:40:23 AM	Tony Hill	Green	Valley Creek Road	Mouth of pipe that runs under his driveway and under the street is stopped up and causing his property to flood.
WO18719	DRAINAGE NEEDS CLEANED OUT	1/6/2015 1:22:49 PM	Tony Hill	Howell	Wirans Road	She said the drains at the end of Wirans and around the middle of Wirans are all stopped up and causing some flooding problems.
WO18728	DRAINAGE NEEDS CLEANED OUT	1/8/2015 3:22:04 PM	Tony Hill	Searle	Wildwood Road	She said there is a drain in front of her residence that is completely full of leaves. She

said she has cleaned it out as much as possible but water still is not flowing thru the drain.

When it rains too much water is running up her driveway. There was a ridge that was at the top of her yard to prevent the water coming down, but it has since washed away. She would like for you to call her before you come out so that she can tell/show you exactly what she is talking about.

WO18852 DRAINAGE NEEDS CLEANED OUT

2/11/2015 9:46:02 AM

Tony Hill

Landers

Robertson Road

Total for STREET DIVISION

Activity Count 33

Total Open 37



CITY OF ANNISTON

P.O. Box 2168
Anniston, AL 36202

TELEPHONE (256) 231-7750
FAX (256) 231-7748

January 6, 2015

Preliminary Engineering Report
Sediment, Nutrient, and Flow Reduction
To Snow Creek
Anniston, Alabama

PROJECT NARATIVE

The city of Anniston, Alabama is looking for ways to reduce nutrient, sediment, and flow at the upstream confluence of the west branch of Snow Creek. Snow Creek has been greatly affected by impairments of PCB contamination from the Monsanto/Solutia Facility (approximately 1.5miles downstream). A “no consumption” fish advisory has been placed on Choccolocca Creek (Snow Creek is a major tributary) and similar warnings have been placed on Snow Creek due to large amounts of PCB contamination and other contaminants discovered in sediments within drainage ways of Snow Creek. The city is looking for ways to reduce pollutant loading from upstream non point sources from agriculture, industry, commercial, and residential areas to improve the overall health of Snow Creek.

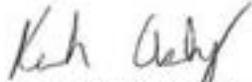
PROJECT SCOPE

The city of Anniston, Alabama plans on constructed four large detention/infiltration basins in hopes of greatly reducing sediment and nutrient loading to Snow Creek before it reaches the Monsanto/Solutia area (see attached maps for basin locations). Our consulting engineer (Bullock Environmental) will help establish background readings for existing pollutant loading and will continue to monitor the results once the detention/infiltration basins are constructed. Once the background information has been obtained and goals have been established for the waterway, then the design can be complete. The city plans on performing much of the construction “in house” with city employees and equipment needed to purchase only construction materials. Alternative basin locations were reviewed but were disqualified due to existing high level of contamination present (Solutia studies). A preliminary hydrologic and hydraulic study has been performed on the subject area so that the proposed size of the basins have been determined.

Documentation

The city references EPA ID: ALD000400123 – Anniston PCB Site
(<http://www.epa.gov/region4/superfund/sites/npl/alabama/anpcbstal.html>)

“Storm water Ponds and Biofilters for Large Urban Sites: Modeled Arrangements that Achieve the Phosphorous Reduction Target for Boston’s Charles River” by Stephanie E. Hurley: Ecological Engineering, Volume 37 Issue 6, June 2011 (pages 850-863)


Kevin Ashley P.E.
City Engineer



Form 340: Clean Water State Revolving Fund Preapplication

The purpose of this preapplication is to gather information concerning potential projects eligible for funding from the Clean Water State Revolving Fund (CWSRF). The CWSRF was established through amendments to the Clean Water Act (CWA) to provide low-interest rate financing for construction of publicly owned treatment works (as defined in Section 212 of the Clean Water Act) or other projects that are designed to improve water quality. This information will be used to develop a priority list of projects that will be eligible for assistance from the CWSRF. This form must be received by December 31 to be considered for funding the following calendar year. Please review the instructions, sign and date the preapplication and submit two complete copies with attachments to:

SRF Section
Alabama Department of Environmental Management
Post Office Box 301463
Montgomery, Alabama 36130-1463

If by overnight mail:
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400
(334) 271-7796



Clean Water State Revolving Fund

Project Name		Assistance Amount Requested	
Sediment, Nutrient, & Flow Reduction to Snow Creek		\$300,000	
Applicant		County	
City of Anniston		Calhoun	
Name and Title of Contact Person		Telephone	FAX
Kevin Ashley, City Engineer		256-231-7750	256-231-7748
Street Address or Post Office Box	City, State, and ZIP		Email Address
1128 Gurnee Avenue	Anniston, AL 36202		kashley@anniston.al.gov ✓
Consulting Engineer	Telephone	FAX	
Doug Bullock	205-876-1715	NA	
Firm	Email		
Bullock Environmental	doug.bullock@bullockenvironmental.com		
Street Address or Post Office Box	City, State, and Zip		
2811 Crescent Avenue	Birmingham, AL 35209		
Population Served by the Project	AL House District(s)	AL Senate District(s)	
23,106	3	12	
Names and 12-digit HUC Codes of Watersheds Impacted	NPDES Permit Number of Facility (if applicable)		
Snow Creek - 031501060505	NA		

For the following questions, please attach additional pages if adequate space is not provided on this form:

1. Give a brief description of the proposed project and attach a copy of the preliminary engineering report or environmental information document.

Our environmental consultant will provide TMDL loading analysis for west Branch at Snow Creek. Once these have been determined a design to meet these guidelines will be provided. The consultant will continue to monitor and supervise the results.

2. Give an estimated cost outline for the entire project. If available, give line item breakdowns.

See attached

3. List all other funding sources to be utilized to complete this project.

Other Funding Source(s)	Amount(s)	Commitment Date
In house work by PWN	± \$950,000	1/05/2014
Stormwater Utility Fees -	± \$50,000	1/05/2014
Capital Improvement Projects		

4. Provide a proposed project schedule.

Activity	Date
Complete Project Planning	15 JAN 15
Initiate Project Design	15 FEB 15
Plans & Specifications Submitted to ADEM	15 APR 15
Bid Opening	01 JUN 15
Notice to Award	15 JUN 15
Notice to Proceed	29 JUN 15
Start Construction	06 JUL 15
Complete Construction	15 OCT 15

5. Enter the Median Household Income for the affected community: \$32,798

Source: 2012 City Data

Priority Ranking System

The following factors are used to rank the proposed project, and will ultimately determine if it falls in the fundable portion of the priority list. The applicant must provide documentation where required in order to receive credit. Any ranking criteria that cannot be verified by the Department will be awarded zero points.

A. Enforcement and Compliance Rating Criteria (Maximum: 50 points)

Ranking Criteria	Point Value
1 Facility is under formal enforcement action by ADEM and is currently in significant non-compliance. The project will bring the facility into compliance. (A copy of the enforcement order must be attached)	50
2 Project is a voluntary effort to resolve violations and will mitigate the issuance of a formal enforcement action. *	40
3 The facility is currently in compliance with permit limits, but will fall out of compliance without the proposed project.*	25
Circle the point value that applies to the project and enter the total points claimed here. If none of the above criteria apply, enter zero. Note that credit can be claimed for only one of the above criteria.	0

*Applicant must provide supporting documentation to receive credit.

B. Water Quality Improvement Criteria (Maximum: 135 points)

Ranking Criteria	Point Value
1 Project will significantly address water quality standards in a water body that*:	
a) Has an approved TMDL	25
b) Is subject to a draft TMDL, dated 0-2 years from present	15
c) Is subject to a draft TMDL, dated 3-5 years from present	10
d) Is subject to a draft TMDL, dated 6-10 years from present	5
2 Project will implement TMDL(s) for*:	
a) Pathogens (i.e., fecal coliform/E. coli)	5
b) Mercury	15
c) Nutrients (i.e., phosphorous, nitrogen)	10
d) Organic Enrichment/Dissolved Oxygen	5
e) Ammonia (toxicity)	5
f) Siltation (sediment)	15
3	
a) Project will benefit a Category 5 or Category 4 listed water body.	5
b) Project takes place in an EPA-identified priority watershed and reduces/eliminates one or more sources of impairments (point and nonpoint source).*	5
c) Project will improve water quality in an Outstanding Alabama Water (OAW)*.	5
d) Project will improve water quality in an Outstanding National Resource Water (ONRW)*.	5

4	Project will upgrade or replace existing failing or inadequate decentralized wastewater treatment systems, or construct septage treatment facilities that are crucial to the proper operation of decentralized wastewater treatment systems.*	10
5	Project will protect a public drinking water source from contamination that will negatively impact public health.*	15
6	Project will implement a National Estuary Program Comprehensive Conservation Management Plan*	10
Circle the point value(s) that apply to the project and enter the total points claimed here. If none of the above criteria apply, enter zero.		50

*Applicant must provide supporting documentation to receive credit.

C. Water/Energy Efficiency Rating (Maximum: 65 points)

	Ranking Criteria	Point Value
1	Project incorporates energy efficient design considerations with established objectives and targets for energy reduction opportunities, performed energy audits or developed energy conservation plans.*	5
2	Project uses renewable energy such as wind, solar, geothermal, hydroelectric, micro-hydroelectric, biogas combined heat and power (CHP) systems, or biofuels production to provide power to a POTW.	10
3	Project implements upgrades to pumps and treatment processes which result in: <ul style="list-style-type: none"> a) 20 percent or greater reduction in energy consumption at a POTW.* b) less than a 20 percent reduction in energy consumption at a POTW.* 	10
		5
4	Infiltration/Inflow correction projects that save energy from pumping and result in reduced treatment costs, and I/I projects in cases where excessive groundwater infiltration is contaminating the influent. Applicant must attach a detailed analysis that outlines the costs versus savings to reduce Infiltration/Inflow within the collection system to receive credit.	10
5	Projects that incorporate recycling and/or reuse of gray water or wastewater.	20
6	Production of treated effluent for groundwater recharge, industrial operations, or agricultural purposes.	5
Circle the point value(s) that apply to the project and enter the total points claimed here. If none of the above criteria apply, enter zero.		0

*Applicant must provide supporting documentation to receive credit.

D. Stormwater Management Criteria (Maximum: 50 points)

	Ranking Criteria	Point Value
1	Project will implement stormwater harvesting and reuse.	10
2	Project incorporates wet weather management systems including: permeable pavement, bioretention, tree plantings, green roofs, rain gardens and other practices that can be designed to mimic natural hydrology and reduce effective imperviousness.	10
3	Project will create riparian buffers, floodplains, vegetated buffers and additional streambank restoration methods.	10
4	Project supports wetland protection or restoration, including constructed wetlands.	10
5	Downspout disconnection to remove stormwater from sanitary sewers and manage runoff onsite.	5
6	Project incorporates green streets for new development, redevelopment or retrofits.	5
Circle the point value(s) that apply to the project and enter the total points claimed here. If none of the above criteria apply, enter zero.		40

E. Agricultural and Nonpoint Source Pollution Criteria (Maximum: 35 points)

	Ranking Criteria	Point Value
1	Project addresses water quality impacts associated with farming operations by: <ul style="list-style-type: none"> a) Implementing water-saving irrigation systems in farms currently using inefficient watering systems. b) Implementing methods to reduce soil and stream bank erosion. c) Utilizing BMPs including no-till farming practices, rotational grazing, cropland conversion and winter cover crops. d) Utilizing alternative watering sources including effluent or grey water reuse. 	5 10 10 10
2	Project addresses water quality impacts associated with animal feeding operations by: <ul style="list-style-type: none"> a) Developing a Nutrient Management Plan. b) Establishing heavy-use protection areas. c) Implementing onsite waste management systems for manure and poultry litter; including recycling, spreading, and storage systems, and digester gas technologies. d) Utilizing dead bird composters and/or incinerators. e) Implementing BMPs (including exclusion fencing and stream crossings). 	10 5 10 5 5
Circle the point value(s) that apply to the project and enter the total points claimed here (maximum credit 35 points). If none of the above criteria apply, enter zero.		0

F. Sustainability Criteria (90 possible bonus points)

	Ranking Criteria	Point Value
1	Project incorporates one or more of the following planning methodologies:	
	a) Comprehensive Land Use Plan (must designate areas where public infrastructure will and will not be supported)	5
	b) Asset Management Plan	10
	c) Watershed Management Plan	5
	d) Nutrient Management Plan	5
	e) Nutrient Trading	5
	f) Open Space Preservation	5
	g) Integrated Water Resource Plan that stresses water efficiency, reuse and conservation	5
2	Project includes one or several of the following design considerations:	
	a) Site fingerprinting for minimized landscape disturbance and sustainable landscape design.	5
	b) LEED certified or other ADEM-approved green building techniques for POTWs.	5
	c) Minimizes the environmental and water quality impact of construction through the use of clean fuel construction vehicles, construction waste reduction and other innovative methodologies.	5
	d) Project envelope is located in a previously developed area.	5
	e) Use of environmentally friendly post-consumer recycled or reclaimed materials.	5
3	Project implements at least one of the following construction methods:	
	• Innovative erosion control practices;	5
	• Protection of onsite trees, vegetation, native habitats and urban forests; or	
	• Replanting of disturbed areas with native plant species.	
4	Project will utilize one or more of the following water conservation strategies:	
	a) Development of a water conservation program.	5
	b) Incorporates sustainable water pricing practices and rate structures.	10
	c) Completion of EPA's Water Quality Scorecard (see http://www.epa.gov/smartgrowth/water_scorecard.htm).	5
	Circle the point value(s) that apply to the project and enter the total points claimed here (maximum bonus credit 100 points). If none of the above criteria apply, enter zero.	5

G. Growth Criteria (50 possible bonus points)

	Ranking Criteria	Point Value
1	Project includes a significant growth component. (See instructions)	0
2	Project does not include a significant growth component. (See instructions)	50
	Circle the point value that applies to the project and enter the total points claimed here.	50

Sum the points from each category below.

Part A: Enforcement and Compliance (50 points maximum)	0
Part B: Water Quality (135 points maximum)	50
Part C: Water/Energy Efficiency (65 points maximum)	0
Part D: Stormwater Management (50 points maximum)	40
Part E: Agricultural/Non-Point Source (35 points maximum)	0
Part F: Sustainability (90 bonus points maximum)	5
Part G: Growth (50 bonus points maximum)	50
TOTAL POINTS CLAIMED:	145

This form should be signed by the official who is authorized to execute contracts on behalf of the applicant jurisdiction. TWO SIGNED COPIES (including attachments) should be mailed to the address shown on Page 1 of this form.

The following attachments must be included with this form:

1. Preliminary Engineering Report/Environmental Information Document – Required for all infrastructure projects
2. Detailed project narrative with schedules, cost breakdowns, etc – May be substituted for engineering report for all non-infrastructure projects
3. Copies of last three (3) audited financial statements
4. Project maps, including all affected water bodies.
5. Supporting documentation for priority points claimed, as required above. Any points claimed that cannot be readily substantiated from the information submitted will not be counted. The Department reserves the right to make the final determination of all points awarded.

The undersigned representative of the applicant certifies that the information in the application and in the attached statements and exhibits is true, correct and complete to the best of the applicant's knowledge, information and belief.

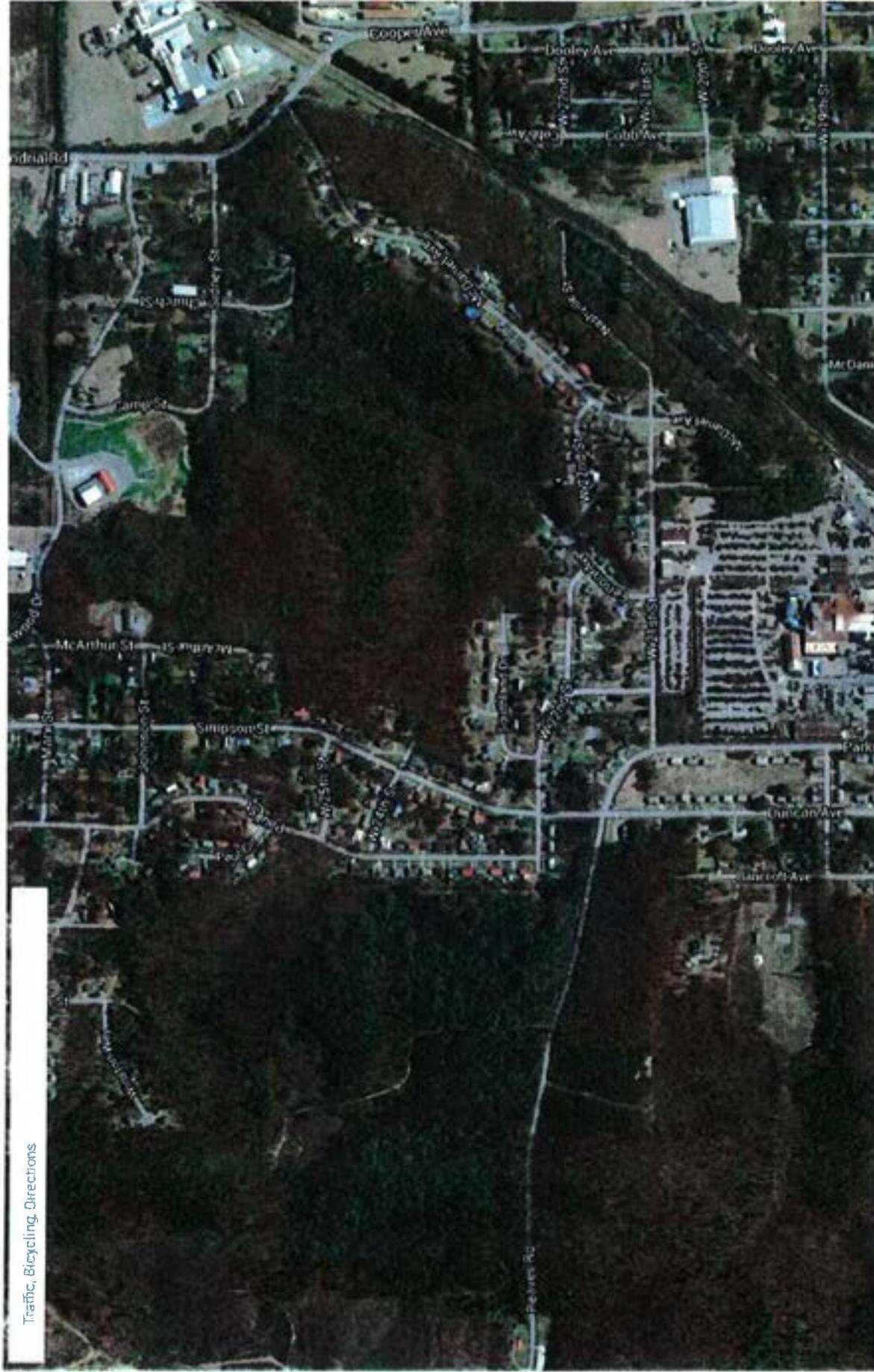
Signature of Authorized Representative 	Print or Type Name BRIAN L. JOHNSON
Title City Manager	Date 29 DEC 14

2015 ADEM CWSRF Grant Estimate Outside Contractor Performed Work

No.	Description	Qty	Unit	Unit Price	Amount
1	Acquisition of Property for Basin #1	1	LS	\$5,000.00	\$5,000.00
2	Environmental Assessment from Bullock Env.	1	LS	\$50,000.00	\$50,000.00
3	Clearing and Grubbing	46	AC	\$1,000.00	\$46,000.00
4	Unclassified Excavation	200000	CY	\$3.00	\$600,000.00
5	Borrow Excavation	25500	CY	\$3.00	\$76,500.00
6	Topsoil	37100	CY	\$3.00	\$111,300.00
7	Dense Grade Aggregate Base (constr entrance)	750	SY	\$10.00	\$7,500.00
8	Inlet Type, Special	4	EA	\$2,500.00	\$10,000.00
9	HDPE Pipe (diameter TBD)	280	LF	\$20.00	\$5,600.00
10	Class II Rip Rap with Filter Blanket	160	SY	\$25.00	\$4,000.00
11	Silt Fence	1000	LF	\$3.00	\$3,000.00
12	Erosion Control Product Type 4	41000	SY	\$2.25	\$92,250.00
13	Mulching	46	AC	\$650.00	\$29,900.00
14	Seeding	46	AC	\$650.00	\$29,900.00
14	Mobilization	1	LS	\$110,000.00	\$110,000.00
15	Subtotal				\$1,180,950.00
15	Contingency (10%)				\$118,095.00
15	Grand Total				\$1,299,045.00

2015 ADEM CWSRF Grant Estimate PWD Performed Work

No.	Description	Qty	Unit	Unit Price	Amount
1	Acquisition of Property for Basin #1	1	LS	\$5,000.00	\$5,000.00
2	Environmental Assessment from Bullock Env.	1	LS	\$50,000.00	\$50,000.00
3	Clearing and Grubbing	46	AC	\$0.00	\$0.00
4	Unclassified Excavation	200000	CY	\$0.00	\$0.00
5	Borrow Excavation	25500	CY	\$3.00	\$76,500.00
6	Topsoil	37100	CY	\$0.00	\$0.00
7	Dense Grade Aggregate Base (constr entrance)	750	SY	\$10.00	\$7,500.00
8	Inlet Type, Special	4	EA	\$2,500.00	\$10,000.00
9	HDPE Pipe (diameter TBD)	280	LF	\$20.00	\$5,600.00
10	Class II Rip Rap with Filter Blanket	160	SY	\$25.00	\$4,000.00
11	Silt Fence	1000	LF	\$3.00	\$3,000.00
12	Erosion Control Product Type 4	41000	SY	\$2.25	\$92,250.00
13	Mulching	46	AC	\$650.00	\$29,900.00
14	Seeding	46	AC	\$650.00	\$29,900.00
14	Mobilization	1	LS	\$0.00	\$0.00
15	Subtotal				\$313,650.00
15	Contingency (10%)				\$31,365.00
15	Grand Total				\$345,015.00





Provided by the Calhoun County
Revenue Commissioner
Mrs. Karen Roper

Maps to be used for tax purposes only -
Not to be used for conveyance
Map Data is in NAD 1983 State Plane
Alabama East Feet.





LEGEND

- 10-ft Contours
- Watersheds
- Longest Flow Path
- Proposed Basin Locations

NOTES

1. Basin sizes not to scale.

REFERENCES

1. 10 foot contour data interpolated from the National Elevation Dataset (NED) 1/3 Arc Second Digital Elevation Model (DEM).



Solutia

Stormwater Basin
Golder - Proposed Basin Locations



Figure 2