

JEFFERSON COUNTY COMMISSION

***MUNICIPAL SEPARATE STORM SEWER SYSTEM
PERMIT NUMBER: ALS000001***

**SUPPLEMENTAL
ANNUAL REPORT
FOR REPORTING PERIOD
OCTOBER 1, 2008 TO SEPTEMBER 30, 2009**

Jefferson County Commission

Commissioner Bettye Fine Collins-President
Commissioner Shelia Smoot
Commissioner William Bell
Commissioner Jim Carns
Commissioner Bobby Humphries





“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 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 is, to the best of my knowledge and belief, true, accurate and complete. (Please note that this is a supplemental report pertaining to Jefferson County Commission only. It does not contain information and/or data that reside at Storm Water Management Authority.) I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations” (NPDES PERMIT ALS000001, Section VI (B)(4)(H) dated October 12, 2001)

Commissioner Bettye Fine Collins-President

Commissioner Shelia Smoot

Commissioner William Bell

Commissioner Jim Carns

Commissioner Bobby Humphryes

Frank Humber, Director

Date

**ANNUAL REPORT -Year Eight
October 1, 2008 to September 30, 2009**

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I. General Information

A. CONTACTS

The staff of Jefferson County Commission, under the supervision of Commissioner Shelia Smoot who oversees the Department of Land Planning & Development Services (LP&DS) and Mr. Frank Humber, Director, prepared this 2008-2009 Annual Report. The staff of LP&DS collected and coordinated information from the various County Departments for inclusion in this report.

Any question in reference to this report should be directed to persons listed below:

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II. Program Evaluation

A. PROGRAM OBJECTIVES

The requirements of the NPDES MS4 Permit AL000001 issued by ADEM, listed specific responsibilities for Permittee/Co-Permittees. The Storm Water Management Program sets certain obligations in order for permittees to work together to meet the requirements of the Permit. The following is a list of the specific responsibilities, according to the permit for the co-permittees individually and/or jointly:

- Compliance with permit conditions relating to discharges from portions of the MS4 where the permittee(s) is the operator;
- Storm Water Management Program implementation on portions of the MS4 where the permittee(s) is the operator;
- Compliance with annual reporting requirements;
 1. Status of implementing components of the storm water management program that are established as permit conditions,
 2. Proposed changes to the program that was established as permit conditions,
 3. Revisions, if necessary, to the assessment of controls and the fiscal analysis,
 4. Summary of the data that is accumulated throughout the year,
 5. Annual expenditures and budget for the year following each annual report,
 6. Summary describing the number and nature of enforcement action, inspection and public education programs,
 7. Identity of water quality improvements or degradations.
- Collection of representative wet weather monitoring data, according to such agreements as may be established between co-permittees;
- A plan of action to assume responsibility for the implementation of the Storm Water Management and monitoring programs on their portion of the MS4 should inter-jurisdictional agreements allocating responsibility be dissolved or in default.

B. MAJOR FINDINGS

During the fiscal year October 1, 2008 to September 30, 2009, the Jefferson County Commission (JCC) was a member of Storm Water Management Authority (SWMA). The Chairman of SWMA's Board of Directors informed the JCC that SWMA will submit an annual report to ADEM by December 28, 2009 on behalf of

all member jurisdictions, including the JCC, that were members of SWMA during the fiscal year 08-09. Therefore, SWMA's report is expected to include areas of major findings which will cover all co-permittee's jurisdictions. The information reported in this section of major findings is in addition to SWMA's annual report that applies only to JCC.

- The downturn in the economy had a negative impact on the construction industry. This downturn resulted in many existing sites being abandoned. Many sites lacked proper construction Best Management Practices (BMPs) and/or maintenance of those BMPs. The economic slow down also reduced the number of construction starts which may be considered as a positive environmental impact due to less land being disturbed.
- The JCC Department of Land Planning & Development Services (LP&DS) developed a comprehensive Land Use Plan within Shades Creek Watershed which drains to the Cahaba River. Such a plan will assist the County in its future development with consideration of the environmental impact and minimize the effect of pollution on water quality as a result of development.
- According to the current water quality 303(d) list of ADEM and the EPA (2008), 13 stream segments of waterways within, or flowing through, the SWMA jurisdiction are designated as impaired by not fully meeting their usage classification. This is a determination reached by ADEM in a federally required, biennial evaluation of the status of water bodies within the state. The evaluation is conducted from best available data and a determination of the waterway's ability to support its designated usage classification.

The 4 impaired stream segments within the Cahaba River watershed are generally 303(d) listed because of excessive nutrients, siltation, habitat alterations and associated urbanization runoff components. The 9 segments 303(d) listed in the Black Warrior River basin are typically designated as impaired for some of the above-mentioned reasons but also includes such chemical impairment as pesticides (Dieldrin), mercury, metals from surface and subsurface mining operations, pH, and ammonia problems.

A stream segment of a waterway on the 303(d) list is removed only when it has either: 1) a Total Maximum Daily Load (TMDL) approved by the EPA that

allocates the pollutant reductions to the responsible parties, or 2) has improved in water quality as determined by further data. The original 13 stream segments of waterways have been reduced due to EPA-approved TMDLs within the MS4 area. The Locust Fork was removed from the impaired list for dissolved oxygen problems. The finalized, EPA-approved TMDLs* are:

- Cahaba River for nutrients,
- Shades Creek (including Mud, Mill and Cooley Creeks) for pathogens,
- Shades Creek for siltation, habitat alterations,
- Village Creek for metals, siltation, and habitat impairments,
- Village Creek (Bayview Lake) for siltation,
- Camp Branch for pH, siltation, and habitat impairments,
- Patton Creek for organic enrichments and dissolved oxygen problems.

*Due to the complexity of the documented impairments for the above-mentioned stream segments, *many have more than a single TMDL for that particular stretch*. In addition, at this time there is no implementation legislation in place for the designated reductions which are allocated to the MS4 in a TMDL. However, the *intent* of the EPA is to have the MS4 with jurisdiction over the impaired water body to assume the responsibility for the nonpoint source allocations of the TMDLs in the re-issued Phase I NPDES permits to be completed by ADEM. That intent has not been finalized by EPA through ADEM at this time.

The above listed segments appeared in the Draft 2006 303(d) waters, even though TMDLs were approved prior to the list being finalized. ADEM has since removed them for the 2008 303(d) list, as stated in their 2008 Fact Sheet, “some of the changes were to correct errors or omissions in the 2006 List.”

C. MAJOR ACCOMPLISHMENTS

Other than information included in SWMA’s Annual Report, the following list outlines additional major accomplishments which apply to JCC:

- **Construction Site Monitoring**

JCC Department of Roads and Transportation is responsible for several aspects of construction of county roadways. The NPDES Permits for construction sites outline certain requirements. The JCC Department of Roads and Transportation has performed the tasks as they relate to its construction Permit in order to be in compliance. Please see the Summary Table and Appendix A.

- **MS4 Outfall Screening**

The MS4 NPDES Permit requires all outfalls to be screened during the life of the permit cycle. In 2007-2008 of SWMA's Annual Report, SWMA indicated that 100% of all MS4 outfalls had been screened during the 5 years. The current permit has been administratively extended. Therefore, until the next permit is issued, these requirements have been accomplished and met.

- **Complaint Application**

Jefferson County Department of Land Planning & Development Services (LP&DS) developed a complaint system application in Permit year 2008-2009. LP&DS received 939 complaints in areas of litter, flood plain and zoning violations. All of these complaints were investigated and resolved.

In addition to the above number of complaints, SWMA also received complaints in reference to land disturbance activities. The number of complaints and the results of the investigations are expected to be part of SWMA's Annual Report.

- **Notices of Violation Application for Construction Sites**

SWMA staff wrote 3 notices of violation on behalf of Jefferson County during the 2008-2009 Permit Year. Two of these violations have been resolved. Notices of violation not resolved by SWMA was referred to LP&DS for further enforcement action.

- **Land Disturbance Activity Permits**

In addition to SWMA's staff issuing permits for land disturbing activities, LP&DS set up a system to capture this information. LP&DS requires all construction activities, whether they are major or minor, to receive a Zoning Approval Permit. This system not only ensures that the construction site applied for a land disturbance permit, but that it also has the proper zoning classification required for the development.

As part of its Zoning Approval process, LP&DS captured 199 land disturbance permits and 153 exclusions to land disturbance permits in the Permit Year 2008-2009.

- **Water Quality Inventory**

SWMA staff has collected information and integration of data on MS4 outfalls, screening points, instream and investigative monitoring on behalf of Jefferson County. This information will be included as part of SWMA's Annual Report.

- **Impaired Water Mapping**

SWMA's staff created a series of maps depicting the affected watersheds of impaired streams within the Jefferson County unincorporated areas by using ADEM's 2008 303(d) list and EPA TMDLs. This information will be included as part of SWMA's Annual Report.

- **Comprehensive Master Planning on Shades Creek Watershed**

Prior to 2008, planning in Jefferson County was limited to a land use plan that attempted to rationalize development patterns and sought to limit adverse impacts on natural resources. However, its use was limited to decisions on zoning and subdivision and it did not have a direct relationship to infrastructure development. In 2008, Jefferson County began a comprehensive planning program which was intended to unite all of the separate elements of development in the county into one coordinated effort and to begin to more rigorously address the impacts of development on the water quality and natural resources of the county. This involves planning not only for land uses, but for infrastructure development and open space preservation in addition to a significant effort to coordinate this effort, not only with all county governments, but also with private agencies which may have an impact on development and conservation. This planning effort is based on the SmartCode, and it seeks to encourage more dense transit and pedestrian oriented development in order to minimize the developed land area, thereby conserving land and energy resources and having a smaller impact on water resources. These planning efforts are being carried out on a watershed by watershed basis based upon which watersheds are experiencing the greatest development pressures.

The first plan prepared was for the Shades Creek Watershed. This plan was adopted in September 2008. This Shades Creek has significant natural and biological resources and it is a major tributary to the Cahaba River. The upper two-thirds of this watershed is already largely developed, but there are significant development pressures on the lower part of the watershed where a significant amount of undeveloped land is available. The plan identifies steep slope areas, floodplains, wetlands, and other natural resources to be conserved and/or restored, and includes an infrastructure development plan

to guide more dense pedestrian and transit oriented development to areas where development is most suited and where there will be fewer adverse environmental impacts. Please see Appendix B for Shades Creek Comprehensive Plan map.

The following is a description of the Sectors Plansects outlined on the maps for the Shades Creek Watershed and Eastern Valley Road and Pocahontas Road Village.

Sectors – General Area Classifications

G4 – Infill Growth Sector Land that is mostly already developed and has an established character, it allows for future development of a similar nature.

G3 – Intended Growth Sector Areas targeted for new development where lower adverse impacts of development are anticipated and where there is proximity to transit or a possibility of developing transit.

G2 – Controlled Growth Sector Areas where new development will be encouraged, though on a somewhat more limited basis than in a G3 sector.

G1 – Restricted Growth Sector Areas where a limited level of development is allowed where dense development would have adverse impacts and where infrastructure to sustain significant development will not be directed.

O1 – Preserved Open Space Areas where there are significant natural resources that have already been placed under conservation ownership or control

O1 – Reserved Open Space Areas with significant natural resources, such as steep slopes, floodplains, wetlands, scenic resources, etc. which is intended to be protected, either through purchase or as required off-set for dense development in other locations.

Plansects – These are more specific requirements within the Sectors outlined above.

P1 – Natural Zone Open space that is mostly natural or untended, generally without buildings.

P2 – Rural Zone Open space that is mostly cultivated, usually with a few scattered buildings.

P3 – Sub-Urban Zone The most natural, least dense, most residential of the urbanized areas.

P4 – General Urban Zone The most varied residential area, with mixed uses allowed

P5 – Urban Center Zone The more dense, primarily mixed-use area typically located near the center of a pedestrian shed or at an important crossroads.

P6 – Urban Core Zone The most dense business, cultural and entertainment area of a city/town.

Regulatory measures being developed to implement the provisions of the plan will include incentives to developers to preserve open spaces and sensitive areas in exchange for density credits in areas where development is more appropriate.

- **Streams**
SWMA’s staff developed an ongoing project to increase spatial and attribute accuracy of existing hydrography layers by using aerial photography information in reference to mapping of streams. This information is expected to be provided by SWMA in its Annual Report for Jefferson County.
- **Valley Creek Pedestrian Plan**
During the Permit Year, the County has adopted an area plan for a pedestrian oriented village that is a part of the Valley Creek watershed. This was in response to a developer’s request to rezone property for a conventional apartment development. In the end, the County adopted a plan for a 1 mile square area that includes a mix of housing types, commercial land uses, a pedestrian circulation system, and a node for mass transit. The number of people ultimately housed in this more dense development would fill an area several times its size in a conventional subdivision type of development and will result in far fewer long-term energy usage and water quality impacts. Please see Appendix C for the map.
- **Fleet Management Recycling Program**
The Fleet Management Division of the Roads and Transportation Department of the JCC has a refrigerant recycling program. The amount of refrigerant evacuated to be recycled by a recycling machine is almost 100% during vehicle repair. The JCC Fleet Management Division uses all recycled refrigerant before adding additional material. Fleet Management also recycled oil. During the 2008-2009 Permit year, 37,076 quarts of oil were recycled. In addition to recycled oil, Fleet Management has recycled 100% of its batteries. The number of batteries recycled was 702 in Permit year 2008-2009.

Scrap metal is another recycling program of the JCC Fleet Management Division. The Division sells all its scrap metal to a recycling vendor. In addition, the Fleet Management Division has a program which crushes oil filters and drains the oil prior to disposing of the used filters. The Division also has a program called RAG which accumulates all rags that have been used. A contract vendor retrieves the used rags on a weekly basis, cleans them, and returns them for re-use by the staff. Please refer to Appendix D for the details and standard operating procedures for the various recycling programs.

Fleet Management has a designated area for vehicle washing. At this location, BMPs are in place to separate oil and water. This gravity system directs used oil into a barrel designated for that purpose. The barrel containing the used oil is removed by a contractor as needed. All water from the oil and water separator is drained into a sanitary drain. Please refer to Appendix D for SOPs for the Oil and Water Separating Process.

- **Public Education/Erosion and Sedimentation Control Workshops**
Four Erosion and Sedimentation Control (ESC) Workshops were held by SWMA's staff, on behalf of Jefferson County and its other members, to educate builders, contractors, municipal employees, and others involved in land disturbance activities about the requirements of the NPDES Permit, their responsibilities under the ESC Ordinance, and the proper usage of BMPs on construction sites within Jefferson County. The purpose of these workshops is to provide an education program for construction site operators and municipal staff as required in ALS000001, and to reduce the impact of erosion and sedimentation in waterways. SWMA's 2008-2009 Annual Report is expected to provide information on dates of workshops, number of attendees and materials provided.
- **Public Education/Presentations**
Educational presentations were conducted by SWMA's staff on behalf of Jefferson County and its other members for elected officials, environmental organizations, civic groups, and citizens to inform them about the requirements of the NPDES Permits and to teach specific behaviors that can be implemented or eliminated to improve water quality. The presentations were made at locations within Jefferson County. The purpose of the presentations was to improve water quality by increasing public awareness of storm water runoff and to encourage adoption of solutions.

In partnership with the Alabama Cooperative Extension System (ACES) SWMA's staff provided an educational presentation and Alabama Water Watch training for the Master Gardeners organization.

SWMA's 2008-2009 Annual Report is expected to provide information on dates of presentations, materials provided, and number of people reached.

- **Public Education/Online Information**

SWMA's staff, on behalf of Jefferson County and its other members, updated and maintained the Water Smart Educational website: www.water-smart.org. This website is promoted and publicized on brochures and in presentations created by the SWMA's staff. Information, brochures, activities and resources continued to be made available to the public via the website. The purpose of the website is to offer yet another way to inform and educate the public about storm water runoff, to provide helpful tips that would improve water quality, and provide materials that can be downloaded for further information. The website also includes a section for school children and teachers, offering games and activities. In addition, several of SWMA's members provide storm water program information at their websites as well as links to the Water Smart and the SWMA (www.swma.com) websites.

- **Public Education/Media Opportunities**

SWMA's staff, on behalf of Jefferson County and its other members, appeared on three local television newscasts to provide information about preventing storm water runoff pollution. Visual and verbal information about the storm drain system; yard debris; paint; motor oil; fertilizers, pesticides, herbicides; and the Water Smart website was included in the appearances. During one newscast, a soil testing demonstration and yard chemical discussion was provided to offer the public information about fertilizer, herbicide, and pesticide use and its impact on water quality. The viewing audience included residents of Jefferson County.

Local newspapers and newsletters provided publicity for storm drain marking projects conducted during Permit year 2008-2009 as well as information about the storm water program requirements. That print coverage included: *The Birmingham News*, *North Jefferson News*, *Clay News*, *Pinson Times*, and the City of Vestavia Hills newsletter. Please see Appendix E for copies of the related articles.

SWMA's 2008-2009 Annual Report is expected to reference the dates of appearances and the television stations utilized.

- **Public Education/Litter Control**

Jefferson County began its Clean Sweep program in which 61 individuals sentenced to perform community service hours were trained to pick up roadside litter. The program is conducted in conjunction with the Jefferson County Court System. A grant of \$2,000 was provided by the Community Foundation of Greater Birmingham and the Jefferson County Department of Health to purchase safety vests, gloves and trash bags used in the program. A total of 454 bags weighing approximately 13,620 pounds of litter and trash were removed from 74 miles of roadways in Permit year 2008-2009. Please see Appendix F for more information.

- **Public Education/Community/Neighborhood/Creek Clean Ups**

Jefferson County conducted clean ups in the Docena, Muscoda, Raimund, Robinwood and Sayre communities to enforce its Illegal Dumping Ordinance. The County picked up more than 2,486 cubic yards of refuse and debris in Permit year 2008-2009, thereby preventing this material from affecting water quality. An education component was provided for approximately 68 residents from the five communities in conjunction with the Jefferson County Health Department. Please see Appendix G for additional information.

SWMA donated brochures and trash bags, and safety vests and trash pickers were loaned to groups and organizations conducting neighborhood and creek clean ups within Jefferson County. SWMA provided these materials on behalf of Jefferson County and its other members. The SWMA 2008-2009 Annual Report will include dates of clean ups, number of cleanups, number of volunteers, and amount of material removed.

- **Public Education/Schools**

Educational resources and presentations were continued by SWMA's staff for municipal and county school children and educators located within Jefferson County. The resources provided included Alabama Water Watch chemical testing kits used by teachers and their students to monitor waterways within Jefferson County. These efforts were accomplished by SWMA on behalf of Jefferson County and its other members.

SWMA provided educational presentations and materials for the Center for Community OutReach Development (CORD) summer camp, a partnership with the University of Alabama Birmingham; Turkey Creek Nature Preserve; and the US Department of Agriculture, Natural Resource Conservation Service. Children from Jefferson County schools attended these sessions.

SWMA provided an educational game for children from Jefferson County and municipal schools within Jefferson County at the annual Urban Forestry Fair. In addition, maps of the watersheds surrounding each school in attendance were provided to the teachers.

For information on dates of trainings, presentations, resources provided, number of teachers/students educated, please see the 2008-2009 SWMA Annual Report.

- **Public Education/Turkey Creek Nature Preserve**

SWMA's staff established a partnership with the Turkey Creek Nature Preserve. SWMA created and donated educational materials and watershed maps for use at the educational facility. In addition, the partnership began organizing future municipal and Jefferson County school participation with the facility. SWMA's 2008-2009 Annual Report is expected to provide details of materials and resources provided.

- **Public Education/Jefferson County Water Festival**

SWMA staff co-chaired, planned and organized two Jefferson County Water Festivals which serve school children from both municipal and county schools located within Jefferson County. Jefferson County schools were targeted on the second day of each of the two day festivals. In addition, materials were donated for use during the two-day event. SWMA implemented these efforts on behalf of Jefferson County and its other members. SWMA's 2008-2009 Annual Report is expected to include number volunteers, number of children educated, and materials provided.

- **Public Education/Earth Day at the Gardens**

SWMA's staff co-chaired, planned and organized the annual event at which 60 environmental groups set up booths and provide information, demonstrations, and resources to the general public. SWMA provided information and an activity to teach the public about the importance of

keeping waterways clean. SWMA's 2008-2009 Annual Report is expected to include number of event attendees and materials provided.

- **Public Education/Storm Drain Marking Projects**

Storm drain marking projects were planned and implemented in four cities – Center Point, Vestavia Hills, Clay, and Mountain Brook - located within Jefferson County. Educational presentations were made during city council meetings in each city targeted for the project. Inlets were identified, mapped and marked with custom designed permanent vinyl markers for Center Point, Vestavia Hills and Clay. During the project, inlets that were clogged or broken were identified; inlets were cleaned and repaired. In addition, brochures that address yard debris, storm water, and runoff were distributed in the vicinity of the project areas. The project in Center Point was implemented by city leadership and community volunteers. The project in Vestavia Hills was implemented by Boy Scouts and city leadership. The project in Clay was implemented by the city's environmental committee, city leadership, Boy Scouts and community volunteers. Mountain Brook was provided custom designed permanent vinyl markers, and implemented its project through its public works department.

SWMA implemented these efforts on behalf of Jefferson County and its other members. Improvement to waterways that result from the placement of these markers in these four cities will have an overall positive impact on Jefferson County waterways. The cities of Center Point and Clay were part of unincorporated Jefferson County prior to their incorporation. In many cases, inlets within these two cities collect rainwater from both municipal and county parcels, and drain to waterways that enter and exit the municipalities and unincorporated county multiple times.

The SWMA 2008-2009 Annual Report is expected to include information about the number of markers, number of volunteers, and dates of implementation.

- **Public Education/Information Distribution**

Brochures were provided to organizations and for distribution at events and festivals within Jefferson County by SWMA's staff. The brochures address the impacts of various storm water issues and offer solutions to reduce runoff and improve water quality. SWMA implemented these efforts on behalf of Jefferson County and its other members.

The SWMA 2008-2009 Annual Report is expected to include dates of events/festivals, number of attendees, and number of brochures distributed.

- **Public Education/Alabama Water Watch Trainings**

SWMA's staff provided basic chemical training and basic chemical recertification trainings for Alabama Water Watch monitors who sample waterways within Jefferson County. These monitors were supplied with chemical reagent refills and hardware replacement for the testing kits loaned to them by SWMA

The SWMA 2008-2009 Annual Report is expected to include information about the number of trainings, attendees, and equipment provided.

D. OVERAL PROGRAM STRENGTHS/WEAKNESS

The SWMA Annual Report for Permit year 2008-2009 includes information regarding the overall program strengths and weakness. The following information is in reference only to Jefferson County and is in addition to SWMA's submittal.

- The Jefferson County Commission made a decision to end their membership with SWMA and develop its own stormwater program. This move will allow JCC to be proactive in the development of proper ordinances that will have a direct impact on its waterways. The staff of JCC has experience and expertise in many areas of construction, education, planning, stormwater monitoring, inspection and enforcement. The staff expertise in the stormwater management program has been enhanced with an information technology support staff. This combination of staff expertise has positioned Jefferson County to evaluate and improve the water quality within its jurisdictional area.
- The extensive recycling program within its Fleet Management Division is a strength of the JCC storm water program. Please see the Major Accomplishment section and Summary Table for more detailed information.
- The removal of many tons of litter, trash and refuse through the Clean Sweep (13,620 pounds) and the Community Cleanup (2,486 cubic yards) programs provided another strength for JCC. Not only did the Community Cleanup help clean up the neighborhoods and remove trash, it also provided

a positive impact on water quality. Please refer to the Summary Table for detailed information.

- The extensive JCC database and many layers of GIS allows the staff to develop a sound stormwater program.
- JCC Roads and Transportation removed 33,666 cubic yards of debris from open channels for drainage. The removal of these materials not only helps County citizens with flooding issues, but also improves water quality by preventing this material from entering waterways.

E. FUTURE DIRECTION OF PROGRAM

JCC has developed plans for its Storm Water Program for Permit Year 2009-2010. The programs outlined for future direction address different areas of the Permit requirements and are in addition to existing functions that JCC currently performs.

- JCC Department of LP&DS is planning to develop a post construction ordinance to minimize the discharge of pollutants as a result of new development after the construction is completed. This ordinance will be scheduled for adoption by September 2010.
- JCC Department of LP&DS is planning to develop a public survey/public participation group for areas of the Storm Water Management Program. The public group will be involved in working with JCC staff on a variety of different stormwater related issues. This group will be utilized in Public Education as outlined later in this section.
- Floodplain projects will be evaluated for water quality assessment. The feasibility of structural and nonstructural BMPs will be evaluated for floodplain projects that are submitted to LP&DS for review.
- Jefferson County will evaluate the existing land disturbance activities permits to ensure all construction sites implement the proper BMPs. All site plans will be reviewed by qualified staff whether or not they have a NPDES construction permit from ADEM.
- JCC Department of LP&DS staff will review and assess all water quality impacts of various JCC Departments. Appropriate educational and training

programs will be scheduled as needed for various in-house training.

- JCC is a member of the Southeast Storm Water Association (SESWA). This association represents 8 southeastern states of Region 4 EPA. Conferences and workshops of this association provide an extensive educational program for those professionals in the field of stormwater management as it relates to the NPDES MS4 Permit. JCC Department of LP&DS allocated line items in its budget for professional staff training through workshops and conferences planned by SESWA, and other public and private organizations such as the Greater Birmingham Association of Homebuilders, ADEM and EPA.
- The JCC Department of LP&DS is planning to revise its complaint system to separate the nature of the complaints and track their resolution. Currently, all complaints are in one system, and it is difficult to separate and distinguish them.
- The JCC Department of LP&DS will develop solutions and effective approaches to facilitate its Storm Water Management Program in the area of information technology that organizes and develops stormwater database and information system management for the LP&DS staff as well as the public. The following areas will be addressed by the information technology staff:
 - Develop and maintain a website with up-to-date stormwater information
 - Develop and maintain an erosion and sedimentation control permitting application that will issue and track land disturbance activity permits; record inspection activities and enforce stormwater BMPs for pollution prevention; and record and issue the final inspection letter and permission to start the projects.
 - Develop and maintain a water quality application that will store data collected; process the collected data for further analysis, identify problems, and create reports.
 - Develop and maintain a complaint application that will record and store water quality and construction complaints from the public; collect and store inspection activities related to a complaint; help with water quality analysis and impact assessment.
- **Municipal Education Program**
JCC is planning to take the preliminary steps to develop and implement a comprehensive municipal worker education program in an effort to further

reduce the amount of nonpoint source pollution generated by municipal activities or their facilities. JCC will begin to assess the types of facilities and functions performed by different departments and plan for education of JCC staff.

- **Additional Comprehensive Planning**

The Planning and Zoning Commission is currently preparing a plan for the Turkey Creek, Big Canoe Creek, and Gurley Creek watersheds. The intent of this plan will be to direct future development to areas where that development would have less significant impacts and away from areas with significant resources and, in particular, the steep slopes and high quality streams in the area. It is expected that this Plan will be adopted by mid-2010.

- **Monitoring Program**

Under the existing NPDES Permit ALS000001, SWMA conducted the following types of monitoring within the limits of unincorporated Jefferson County: Instream Monitoring (wet and dry weather), Wet Weather Screening, Dry Weather Screening, Representative Outfall Monitoring, and Investigations. At the time of reporting, the JCC Department of LP&DS staff is preparing an Interim Monitoring Plan for submittal to ADEM for approval. Jefferson County intends to continue monitoring the six instream sites, which are all located near USGS gages for convenient stream flow data. Jefferson County plans to continue monitoring the portion of SWMA's screening sites that are located within unincorporated county limits. Of the 138 screening points, SWMA monitored, 53 are located in unincorporated areas. After field verification, only 48 are accessible and are anticipated to be screened per year. Currently, Representative Monitoring sites within the jurisdiction are being identified to characterize pollutants from homogeneous land use activities. In regard to Investigational Monitoring, Jefferson County has established a hotline for members of the public to call and report illicit and/or illegal discharges to the MS4. In addition, any elevated analytical results from routine monitoring will be investigated.

- **Public Education**

The Jefferson County public education for Permit Year 2009-2010 will focus on educating the public and staff on components of its stormwater program in areas of data gathering and standard operating procedures. Additional data gathering and standard operating procedures (SPOs) will be

created for documenting staff attendance at training workshops pertaining to the NPDES MS4 Permit.

A SOP also will be developed for compiling the Annual Report. Files will be maintained from various workshops and a central location for storage of such documents will be created. A warehouse of educational materials will be established for use in workshops for various target audiences, such as municipal trainings, builders/developers, and homebuilders.

Public Education Participation –

An advisory group will be created to assist the education staff in determining the public's baseline knowledge of the NPDES MS4 program and its requirements. The group will be comprised of 100 people, and will represent a wide variety of interest groups as well as the general public. The advisory group will serve as a focus group to provide public input for the storm water program as well as be used to facilitate public education, participation and involvement within the various communities the group members represent. In addition, the advisory group will be used as a source to explore obtaining grants, private sponsorship, or other funding sources that could be used to implement activities such as a HHW collection day for county residents.

Public Education on No dumping, Litter Control –

One storm drain marking project is proposed to be implemented in a community within Jefferson County. The proposed project area is the headwaters of Turkey Creek within the Turkey Creek Watershed. Improving water quality in this location will positively impact the entire watershed.

Public Education on Reporting of Illicit Discharges –

A new segment of the Jefferson County Land Planning & Development Services website will be created and maintained to provide information about the storm water program and its requirements. The site will include helpful tips about preventing stormwater runoff pollution and will be used to promote the public reporting hotline. In addition, a public reporting email feature will be included at the website.

The LP&DS staff will continue to work with the local media to assist the Jefferson County stormwater program in promoting, publicizing and facilitating its public reporting, public education, outreach and involvement efforts.

III. SUMMARY TABLE

<i>Element of Program</i>	<i>Requirement</i>	<i>Activities Required</i>	<i>Complied With</i>	<i>Activities Accomplished During Calendar Year</i>	<i>Comments</i>
Structural Controls	Operate the MS4 and structural controls to reduce pollutant discharge	Maintenance and inspection performed	●	33,666 cubic yards removed from ditches	See Appendix A
New Development and Significant Redevelopment	Comprehensive master planning process to minimize pollutant discharge	Minimize pollutants after construction is complete	●	Landuse plan prepared for Shades Creek Watershed	See Appendix B
Roadways	Operate and maintain to minimize pollutants	Refuse, litter, and debris removal	●	5 Community clean ups conducted	Approximately 309 tons of refuse were removed
	Operate and maintain to minimize pollutants	Refuse, litter, and debris removal	●	Roads and Transportation Department removed 33,666 cubic yards from roadside ditches	See Appendix A
	Operate and maintain to minimize pollutants	Refuse, litter, and debris removal	●	61 Participants cleaned 75 miles and removed 13,620 lbs	Clean Sweep Program; see Appendix F
	Operate and maintain to minimize pollutants	Street maintenance and litter control	●	Executed upon public complaint or as-needed basis	
	Operate and maintain to minimize pollutants	De-icing activities	●	Performed on as-needed basis	Only sand is utilized
Flood Control Projects	Assess impacts on water quality	Evaluate structures based on Jefferson County Floodplain Ordinance	●	45 Floodplain Development permits were issued	See Appendix I

<i>Element of Program</i>	<i>Requirement</i>	<i>Activities Required</i>	<i>Complied With</i>	<i>Activities Accomplished During Calendar Year</i>	<i>Comments</i>
Pesticide, Herbicide, and Fertilizer Application	Reduce pollutant discharge related to storage and application	Implement controls for discharge and storage	●	Chemicals are stored in secure, climate controlled warehouses	
	Reduce pollutant discharge related to storage and application	Implement controls for application	●	Chemicals minimally applied to right of way and County owned properties.	11 Licensed Applicators' Permit numbers in Appendix A
Illicit Discharges and Improper Disposal	Detect and eliminate discharges to the MS4	Investigative Monitoring	●	Investigation sites sampled for water quality	Water quality monitoring performed by SWMA
	Detect and eliminate discharges to the MS4	Establish and publicize a hotline for public use	●	Complaint calls were directed to SWMA	Provided by SWMA
Spill Prevention and Response	Prevent, contain, and respond to spills	Conduct spill response	●	EMA responded to 66 spills	See Appendix H
Industrial & High Risk Runoff	Identify and control pollutants in stormwater discharges	Inspection of industrial and high risk runoff sites	●	4 Landfill inspections conducted	Provided by SWMA
	Identify and control pollutants in stormwater discharges	Jefferson County operates 3 NPDES permitted high risk runoff facilities	●	Monitored and in compliance with ADEM	See Appendix D for SPCC
	Identify and control pollutants in stormwater discharges	Jefferson County Fleet Management operates in-house recycling program	●	37,076 quarts of oil were recycled	See Appendix D
	Identify and control pollutants in stormwater discharges	Jefferson County Fleet Management operates in-house recycling program	●	85,310 lbs of scrap metal were recycled	See Appendix D
	Identify and control pollutants in stormwater discharges	Jefferson County Fleet Management operates in-house recycling program	●	702 batteries were recycled	See Appendix D

<i>Element of Program</i>	<i>Requirement</i>	<i>Activities Required</i>	<i>Complied With</i>	<i>Activities Accomplished During Calendar Year</i>	<i>Comments</i>
Construction Site Runoff	Reduce pollutant discharge from construction sites	Staff training as Qualified Credentialed Inspector (QCI)	●	4 Jefferson County employees certified	
	Reduce pollutant discharge from construction sites	Inspection of land disturbing activities and BMPs	●	199 Land Disturbing Permits were issued; approximately 597 inspections conducted	Performed by SWMA
	Reduce pollutant discharge from construction sites	Inspection of land disturbing activities and BMPs	●	153 Exclusions were issued	Performed by SWMA
	Reduce pollutant discharge from construction sites	Conduct enforcement actions	●	3 Notices of Violation were issued on sites within Jefferson County	Performed by SWMA
	Reduce pollutant discharge from construction sites	Inspection of Jefferson County NPDES construction sites	●	7 NPDES permitted sites within calendar year	Bridge installation, road widening, road re-alignment, road extension, and access; see Appendix A
Public Education	Promote, publicize, and facilitate public reporting of illicit discharges to the MS4	Program includes hotline, websites, pamphlets, brochures, presentations, water festivals, tv interviews, and event booths	●	Performed by SWMA and Jefferson County LP&DS staff	
	Promote, publicize, and facilitate public reporting of illicit discharges to the MS4	Complaint system application was developed	●	939 Complaints received and investigated	In areas of litter, zoning violations, and floodplain

<i>Element of Program</i>	<i>Requirement</i>	<i>Activities Required</i>	<i>Complied With</i>	<i>Activities Accomplished During Calendar Year</i>	<i>Comments</i>
Public Education Continued	Promote, publicize, and facilitate management and disposal of oil and household hazardous wastes	Jefferson County Fleet Management operates in-house recycling program	●	Recycling of freon, antifreeze, oil, lead acid batteries, and scrap metal	See Appendix D for SOP
	Promote, publicize, and facilitate use, application, and disposal of pesticides, herbicides, and fertilizers	Implement controls for use, application, and disposal	●	Chemicals minimally applied to right of way and County owned properties.	11 Licensed Applicators; Permit numbers in Appendix A
Monitoring Program	Detect presence of illicit connections and improper discharges to the MS4	Dry Weather Screening	●	Instream sites sampled	Water quality monitoring performed by SWMA
	Identify, investigate, and address areas contributing pollutants to the MS4	Wet Weather Screening	●	Instream sites sampled	Water quality monitoring performed by SWMA
	Storm event data collection	Representative Monitoring	●	Characterization sites sampled	Water quality monitoring performed by SWMA
	Monitor pollutants in stormwater discharges to the MS4	Industrial and High Risk Runoff	●	Collected by industrial facilities	Facilities governed by NPDES permits submit info to ADEM

● =Yes

IV. PROGRAM MODIFICATIONS

The Jefferson County Commission separated from the Storm Water Management Authority effective October 1, 2009. For Permit Year 2009-2010, Jefferson County is planning to implement its own Storm Water Management Program. Jefferson County will continue to operate under the requirements of the administratively extended NPDES MS4 Permit ALS000001 until ADEM issues a new Permit.

V. FISCAL ANALYSIS OF PERMITTEES' PROGRAM

Please see attached fiscal reports for 2008-2009 and for 2009-2010.

Fund/Group Funded Program/Group 10000000000,5072 Fund Center Grant 4800000000

CI \ FD	Cons. Budgt	Curr. Budgt	PreEnc & Enc	Expended MTD	Expended YTD	Available
** 1000000000 General Fund						
50 COBJT	1,428,755.00	1,148,708.00		87,115.23	1,118,269.04	30,438.96
500100 Salary-Regular		61,847.00		5,143.18	65,450.40	3,603.40
501100 Benefits-FICA		18,325.00		1,202.84	15,570.66	2,754.34
501200 Benefits-Medicare		124,280.00		12,119.10	136,115.10	11,835.10
501300 Benefits-Health Ins		5,366.00		3,318.00	3,813.66	1,552.34
501400 Benefits-Life Ins		69,229.00		5,226.90	67,095.98	2,133.02
501500 Benefits-Retirement		1,000.00				1,000.00
501700 Benefits-Worker Com		1,428,755.00		111,125.25	1,406,314.84	22,440.16
JCCL Salary and Benefits		600.00			234.57	365.43
510100 Postage		600.00		1,584.42	234.57	365.43
JCCL Postage		40,125.00		12.69	89.14	10.86
510200 Telecomm Wired		8,000.00			9,496.59	1,496.59
510205 TelephoneLongDist		100.00			10.86	25.00
510210 Telephone Serv Chgs		25.00		0.46	12,600.21	10,399.79
510215 Telephone Data Line		23,000.00		524.51	6,787.69	2,212.31
510220 Cellularphoneserv		9,000.00		2,121.16	28,973.63	11,151.37
JCCL Communications		40,125.00				
510300 COBJT		10,000.00			1,919.31	8,080.69
510400 Advertise Clip Svc		10,000.00			1,919.31	8,080.69
JCCL Printing		29,184.00			382.06	4,617.94
511100 Facility Maintenance		5,000.00		440.36	5,284.32	715.68
511200 Grounds Maintenance		6,000.00		115.00	426.00	258.00
511210 Pest Control		684.00			531.19	968.81
511410 DP Equip Maint		1,500.00			12,376.21	1,623.79
511540 ReprContractMaintEq		14,000.00			2,000.00	2,000.00
511840 Commercial Repairs		29,184.00			18,999.78	10,184.22
JCCL Maintenance		37,500.00				
512000 COBJT		35,000.00			34,881.51	118.49
512100 Electricity		2,500.00		9,988.40	2,974.81	474.81
512210 Water Charges		37,500.00		36.49	37,856.32	356.32
JCCL Utilities and Fertiliz		5,950.00		10,024.89		
513000 COBJT		950.00		229.66	929.26	20.74
513100 Local Mileage		5,000.00		229.66	2,006.62	2,993.38
513510 StaffDev&AssocTrave		5,950.00			2,935.88	3,014.12
JCCL Travel & Staff Develop		50,000.00			47,769.77	2,230.23
514000 COBJT		150,000.00		5,381.03	41,994.92	108,005.08
514200 Legal Fees		150,000.00		46.00	23,754.10	1,245.90
514505 OthProfessionalServ		25,000.00			13,576.25	3,423.75
514950 Software Support Sv		17,000.00		500.00		
515100 Janitorial Service		17,000.00				
515110 Trash Pickup Serv		2,090.00			871.83	1,218.17

515400	Courier Services	244,090.00	5,927.03	127,961.54	5.33-	116,128.46
JCCL	Services	6,000.00	168.70	2,206.16		3,793.84
5157	COBJT	6,000.00	168.70	2,206.16		3,793.84
515900	Other Ctrctual Svc	15.00		15.00		1,530.00
JCCL	Construction Services	2,015.00		470.00		1,530.00
5165	COBJT	2,015.00		485.00		1,530.00
516805	Storm Water Fees	15,000.00		10,534.00		4,466.00
516820	Assoc Member Dues	9,561.00		3,677.00		5,884.00
JCCL	Service Charges	13,939.00		13,939.00		120.00
5170	COBJT	38,620.00		28,150.00		10,470.00
517200	Vehicle Insurance	87,000.00		83,439.99		3,560.01
517300	Bld Contents Ins	87,000.00		83,439.99		3,560.01
517600	ProfessLiabInsur	20,000.00		2,716.15		17,283.85
517820	NotaryBondPremiums	20,500.00		137.01		362.99
JCCL	Liability, Property &	20,500.00		2,853.16		17,646.84
5180	COBJT	13,000.00		868.27		4,131.73
518015	Rental-Facilities	44,000.00		33.79		33.79
JCCL	Rentals	20,500.00		119.00		281.00
5200	COBJT	20,500.00		119.00		200.00
520100	Office Supplies	5,000.00		40.76		16.50
520110	IntlPrinting&Bindin	400.00		16.50		16.50
JCCL	Supplies	200.00		71.04		4,000.00
5212	COBJT	4,000.00		165.07-		2,234.93
521200	Shop Ind Eq Sup	1,000.00		1,339.05		1,339.05
521270	OthMedDent&LabSup	2,400.00		2,323.34		10,676.66
521400	Publications	13,000.00		1,161.29		2,838.71
521550	Cldng Uniform & Rel	4,000.00		9,723.79		15,276.21
521730	Food Service Suppls	25,000.00	67.48	3,660.82		9,339.18
521760	Electrical Eq & Sup	13,000.00		189.97		1,810.03
521770	HVAC Equip & Suppls	44,000.00	67.48	14,735.87		29,264.13
521780	Disposables	1,000.00				1,000.00
521840	Hospitality	1,000.00				1,000.00
521850	Janitorial Supplies	60,156.00				39,056.00
JCCL	Misc. Supplies	60,156.00				426.73
5221	COBJT	44,000.00				39,729.27
522100	Tires	1,000.00				1,000.00
522110	Fuel	1,000.00				1,000.00
522150	Oils & Other Maint	1,000.00				1,000.00
522160	Parts	60,156.00				39,100.00
JCCL	Motor Vehicle Supplies	60,156.00				426.73
5500	COBJT	2,068,495.00				39,729.27
569000	Other Subv & Grnts	2,068,495.00				288,678.88
JCCL	Taxes and Swap Expense	2,068,495.00				288,678.88
5700	COBJT	2,068,495.00				288,678.88
571040	Print Shop Charges	2,068,495.00				288,678.88
571100	Other Dept Chrg	2,068,495.00				288,678.88
571110	Tax Assess Mapp Chr	2,068,495.00				288,678.88
571170	Tax Collector 2% Fe	2,068,495.00				288,678.88
JCCL	Intra Governmental Serv	2,068,495.00				288,678.88
5900	COBJT	2,068,495.00				288,678.88
JCCL	Loss on Sale	2,068,495.00				288,678.88
**	5072000000 Storm Water Mgm	2,068,495.00	131,387.49	1,779,816.12		288,678.88

**STORM WATER
PROGRAM BUDGET
2009/2010**

500100	Salaries	\$307,300.00
510330	Ext Prnt & BindOSSideVe	\$2,500.00
510400	Advertise Clip Svc	\$2,500.00
513510	Staff Dev & Assoc Travel	\$16,000.00
514505	Other Professional Services	\$75,000.00
516820	Assoc Member Dues	\$1,000.00
511900	Software Maintenance	\$3,200.00
520100	Office Supplies	\$5,000.00
520110	IntlPrinting&Binding	\$5,000.00
520300	Educ Supplies Mats	\$5,000.00
520400	Promotional Materials	\$5,000.00
520900	Safety Eq & Sup	\$7,500.00
521270	Lab Supplies	\$10,000.00
530500	Capital – Equip	<u>\$5,000.00</u>
	TOTAL	\$425,000.00

The above budget is a projection of expenditures utilizing storm water fees anticipated to be collected during FY2010. Jefferson County's Department of Land Planning & Development Services has a total budget of \$5,859,683 for FY2010. Included within this budget are funds that are sufficient to meet the requirements of the NPDES permit.

Appendices

A. Operation Centers Reports

Memo

To: Wayne Sullivan

From: Cecil Calvert

CC:

Date: 12/10/2009

Re: Request for Storm water information / Reporting period 10/1/08 thru 9/30/09

Item

- A. Structure Controls
 - 1. There is no scheduled program. Work performed when complaint arises or supervisor identifies a need.
 - 2. They are cleaned by hand or with a mechanical power washer
 - 3. We do not measure this process.

- B. Areas of New Development
 - Not applicable

- C. Roadways
 - 1. We have no street sweeping program.
 - 2. Trash is picked up by hand when public complaints or supervisor inspection merits
 - 3. We use no chemical de-icing; sand is applied to street surfaces on an as needed basis for snow / ice control

- D. Flood Control Projects
 - Not applicable

- E. Construction
 - 1. Not applicable

E. (continued)

2. Bud Holmes / Dewey Heights intersection re-alignment; ALR16E608
Linndale Rd; road improvement project; ALR16ECAN

3 QCI certifications or recertification's conducted annually by ALDOT

4. One QCI on staff
5. Not applicable
6. Not applicable
7. Not applicable

F. Spills

1. Only when called by the EMA and directed under their guidance.
2. No calls

G. Pesticides, Herbicides, and Fertilizers

1. Herbicides
2. In a secure climate controlled warehouse
3. On pallets in approved containers only
4. Herbicides; 500 + gallons
5. 500+ / - gallons
6. Right of way only
7. Licensed applicators

8.	Names	Permit #
	Shawn Cato	03768
	Terry Baldwin	04657
	Jeremy McAlpine	04963
	Charles Bartlett	04686

9. Yes

H. Industrial and High Risk Run Off

1. Not applicable
2. SPPPC plan in place
3. They are stored in compliance with ADEM regulations and the facility is permitted. Permit # ALR160497.

Miller, Garry

From: Corley, Jeff
Sent: Monday, December 14, 2009 2:07 PM
To: Miller, Garry
Cc: Calvert, Cecil
Subject: storm drain clean amount

In the Bessemer Division we removed 14,398 cubic yards of material.

Thanks,

William J. Corley
Superintendent
Jefferson County
Roads & Transportation Dept.
Bessemer Highway Division
(205) 481-4228
corleyj@jccal.org

**Answers to Questions for Annual Reporting Period 10/1/08 through 9/30/09 from
the Bessemer Highway Maintenance Division**

- A. 1. We have no set program. They are cleaned based on public complaint and inspection by supervisors.
2. They are cleaned by hand or with a jet/rodder truck
3. We do not keep measurements.
- B. 1. N/A
- C. 1. All of our sweeping is related to our construction or paving.
2. Trash pick up is done by hand on a public complaint / supervisor inspection basis.
3. No de-icing is done. We do use sand
- D. 1. N/A
2. N/A
3. N/A
- E. 1. N/A
2. Maxine Bridge Project: ALR16EBAT
Brooklane Widening Project: ALR16EBBR
Powder Plant Road Extension: ALR16E401
Oak Grove Park Walking Track: ALR166961
Birmingham Water Works Access: ALR166961
3. QCI recertification done yearly by ALDOT
4. Three QCI inspectors on staff
5. N/A
6. N/A
7. We do no monitoring
- F. 1. At the request of EMA only
2. No
- G. 1. Herbicides
2. In an enclosed and secured warehouse
3. On pallets
4. Herbicides, 500+ gallons
5. 500 + gallons of herbicide
6. Right of way only
7. Licensed Applicators
8. Robert Carroll #05239
Robert Ryan #05955
Chris Hayes #05786
Brett Goodwin #05728

9. yes

- H.
1. N/A
 2. We do have an SPPPC plan
 3. They are stored in a pit approved and monitored by ADEM. The BMP's are inspected per ADEM requirements.

Miller, Garry

From: Calvert, Cecil
Sent: Monday, December 14, 2009 2:17 PM
To: Miller, Garry; Corley, Jeff
Subject: Ditching cu yds removed

Garry, the Ketona division removed 19,268 cu yds from 10/1/08 thru 9/30/09.

Cecil Calvert
District Maintenance and Construction Superintendant

Roads and Transportation (Ketona)
205/849-2321

Sent using my Blackberry Handheld Wireless

Jefferson County Operations Center
520 Medco Road
Tarrant, AL 35217

1. Certified Pesticide Applicator Licenses
and Training Documents
2. Type, amount and storage location of
pesticides, herbicides and fertilizers

(Note: All of General Services' pesticides,
herbicides and fertilizers are stored at the
above location in the chemical storage
room.)

COMMERCIAL

APPLICATOR

PERMIT NUMBER: 52494

EXPIRES: 2/28/2011

SHARON, RHONDA E HAVING BEEN DETERMINED
COMPETENT IN THE USE AND HANDLING OF PESTICIDES
I HEREBY DESIGNATE AS A CERTIFIED PESTICIDE
APPLICATOR FOR THE MATERIALS LISTED BELOW:
NONE

IT IS UNDERSTOOD AND AGREED THAT IF I VIOLATE
THE ALABAMA LAW AND REGULATIONS WHILE OPERATING
THIS CERTIFICATION WILL BE REVOKED.

Shonda Barrett

CERTIFIED APPLICATOR

COMMERCIAL APPLICATOR
PERMIT NUMBER: 52880 EXPIRES: 6/28/2010

KELLEY, BRIAN KEITH HAVING BEEN DETERMINED
COMPETENT IN THE USE AND HANDLING OF PESTICIDES
IS HEREBY DESIGNATED AS A CERTIFIED PESTICIDE
APPLICATOR FOR THE CATEGORIES LISTED BELOW:
OTPC

IT IS UNDERSTOOD AND AGREED THAT IF I VIOLATE
THE ALABAMA LAW AND REGULATIONS THIS CERTIFICATION
WILL BE CANCELLED.

Brian Kelley
CERTIFIED APPLICATOR

COMMERCIAL APPLICATOR
PERMIT NUMBER: 54575 EXPIRES: 5/28/2010

BOZEMAN, CRAIG E HAVING BEEN DETERMINED
COMPETENT IN THE USE AND HANDLING OF PESTICIDES
IS HEREBY DESIGNATED AS A CERTIFIED PESTICIDE
APPLICATOR FOR THE CATEGORIES LISTED BELOW:
OTPC

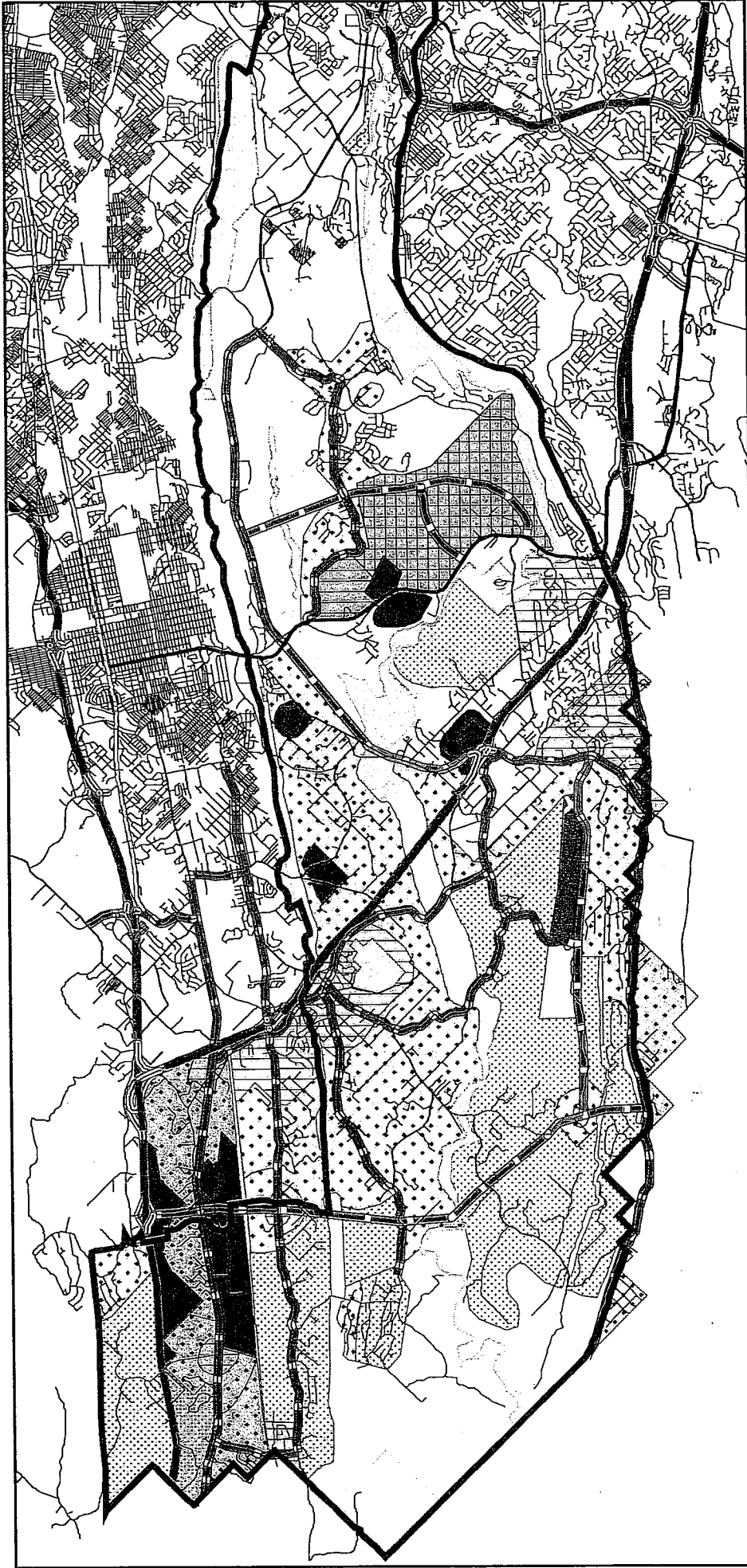
IT IS UNDERSTOOD AND AGREED THAT IF I VIOLATE
THE ALABAMA LAW AND REGULATIONS THIS CERTIFICATION
WILL BE CANCELLED.

54575

Craig E. Bozeman
CERTIFIED APPLICATOR

**B. Comprehensive Master
Planning for Shades Creek
Watershed**

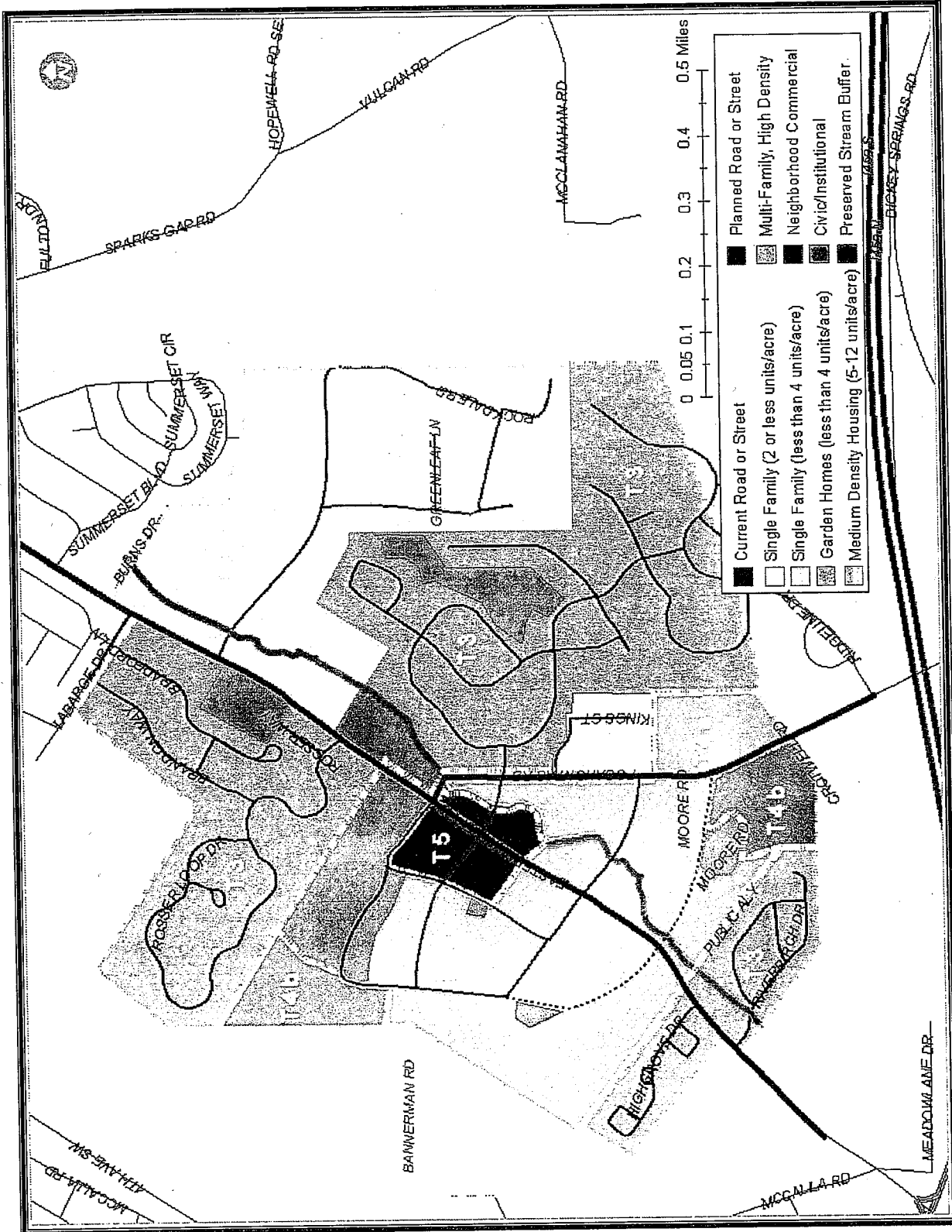
Shades Creek Watershed Adopted Comprehensive Plan Map



Shades Creek Watershed		Sectors	
	Shades Crk Floodplain		P1 - Natural Zone
	Proposed		P2 - Rural Zone
	Upgrade		P3 - Sub-Urban Zone
			P4 - General Urban Zone
			P4 Village Center
			P5 - Urban Center Zone
			O1 - Preserved Open Space
			O2 - Reserved Open Space
			G1 - Restricted Growth
			G2 - Controlled Growth
			G3 - Intended Growth
			G4 - Infill Growth
			Industrial
			Airport



C. Village Planning in Valley Creek Watershed



VILLAGE PLANNING IN VALLEY CREEK WATERSHED

D. Fleet Management Recycling Program

1ST QTR-10/01/2008-12/31/2009
 2ND QTR-01/01/2009-03/30/2009
 3RD QTR-04/01/2009-06/30/2009
 4TH QTR-07/01/2009-09/30/2009

Recycling Summary Sheet Fleet Mgmt FY2009

PRODUCT	QUARTER	AMOUNT	REVENUE
OIL	1	12,176.00	\$1,664.20
	2	12,400	\$1,705.00
	3	9,480	\$907.50
	4	3,020	\$178.75
TOTALS IN QUARTS		37,076.00	
TOTAL REVENUE			\$4,455.45
SCRAP	1	6,760	\$185.90
	2	69,130	\$4,362.15
	3	4,260	\$213.00
	4	5,160	\$348.30
TOTAL IN POUNDS		85,310	
TOTAL REVENUE			\$5,109.35
TIRES	1	5.52	
	2	7.19	
	3	16.66	
	4	1.71	
TOTAL IN TONS		31.08	
BATTERIES	1	215	
	2	272	
	3	138	
	4	77	
TOTAL UNITS		702	

Freon

Freon is captured and recycled through a Robinair Cool Tech R-134a A/C recovery, recycle, recharge and evacuate unit. The unit has a 30lb canister of R-134a refrigerant for its source.

When the vehicle comes in for A/C service or repair, the recovery unit is connected to the vehicle and checked for pressures. If pressure is low, we evacuate the system of any refrigerant that may be in the system. This refrigerant is contained within the recovery unit. A charge of refrigerant 134A is re-charged back into the system with a dye tracer added to detect for possible leak. A refrigerant "sniffer" is also used to detect for possible leak. If there is a leak, we immediately evacuate the system again back into the recovery unit. Next step is to repair leak as required. Recharge system and check operation of system if vehicle performs as designed, no further repairs are needed.

The recovery- recycle recharge unit filters the refrigerant for contaminants. The technician monitors usage by the recovery units measurement of pounds used by the unit, itself. This pound usage is documented on the charge out sheet and submitted to the Parts department to be charged out to the appropriate vehicle.

Freon Usage (in lbs)

Quarter	Month	Lbs Used
1	Oct-08	43
	Nov-08	2
	Dec-09	2.5
Quarter Total		47.5
2	Jan-09	2
	Feb-09	2
	Mar-09	30.5
Quarter Total		34.5
3	Apr-09	30.5
	May-09	51
	Jun-09	40.5
Quarter Total		122
4	Jul-09	17
	Aug-09	13
	Sep-09	0
Quarter Total		30

Antifreeze

The antifreeze is purchased in 2 55-gallon drums. Each drum is diluted/ mixed 50/50 with water. The antifreeze is added to the vehicles as required. Any used antifreeze taken from the vehicle is stored in a used antifreeze tank and used as a ballast for off-road equipment tires.

Antifreeze Usage (in gallons)

Quarter	Month	Gals Used
1	Oct-08	130
	Nov-08	66
	Dec-09	111
Quarter Total		307
2	Jan-09	97
	Feb-09	94
	Mar-09	79
Quarter Total		270
3	Apr-09	87
	May-09	85
	Jun-09	72
Quarter Total		244
4	Jul-09	63
	Aug-09	20
	Sep-09	29
Quarter Total		112

DRAFT 12/10/09 1:32 PM
CAPTURING AND REPORTING RECYCLING INFORMATION

REPORT FLOW FOR RECYCLING

- ◆ For reporting purposes, all facility locations will be considered as one fenceline facility.
- ◆ Designated supervisors collect recycling information monthly from various employees involved with reporting recycled quantities.
Designated supervisors are:
 - ◆ Antifreeze – Shop Personnel
 - ◆ Freon – Shop Personnel
 - ◆ Used Oil – Shop Personnel
 - ◆ Scrap Metal – Parts Dept
 - ◆ Lead Acid Batteries – Parts Dept
- ◆ Recycling information is compiled by supervisor on a quarterly basis and used to complete a FM Quarterly Recycling Report indicating recycle dates, vendors, reportable item quantities recycled, percentage recycled and revenue generated (where applicable).
- ◆ FM Quarterly Recycling Reports are forwarded to Fleet Manager.
- ◆ Shop Personnel or Parts Dept completes EMS Waste Product Disposal/Recycling Record for fenceline facility using FM Quarterly Reports, submits along with FM Quarterly Recycling Reports to Department of Environmental Protection quarterly and maintains file as departmental summary record.

◆ **LAST UPDATE 12/08/2009**

TIRE DISPOSAL

Currently, Fleet Management disposes its used tires at the County Landfills. Our tires were transported weekly to the land fields via Environmental Services. Currently, the landfills are under the direction of an outside organization thus, the county will no longer operate them. There is an agreement with the new landfill management that allows the County to continue using the landfills for the disposal of our tires. This information is being tracked in the parts dept. via manifests.

COOLANT (ANTI-FREEZE) RECYCLING

Fleet Management no longer uses a coolant recycling machine. The used coolant is put into a 130 gallon tank, which is located in the rear of the shop in the wash bay. This is picked up regularly along with the used oil. TEXPAR currently has this contract.

1. The record keeping procedure is:
 - ◆ Once Anti-freeze is picked up by TEXPAR, the amount taken is documented in an invoice. This information is kept in the parts department.

REFRIGERANT RECYCLING

1. The gauges for amount of refrigerant recycled is:
 - ◆ The total refrigerant recovered from vehicle during repairs and conditioned by recycling machine (called conditioned refrigerant) and returned to vehicle. Refrigerant loss is miniscule; therefore the amount recycled is always equal to the amount evacuated.
Ex: Five pounds is evacuated and returned to the vehicle. The percentage of refrigerant recycled is always 100%.
 - ◆ A second gauge for recycled refrigerant is the total refrigerant recovered from vehicle during repairs and conditioned by recycling machine (called conditioned refrigerant) divided by the total amount of refrigerant issued.
Ex: Two pounds is recovered and conditioned by the recycling machine. Three pounds are used to fill vehicle (a total of both kinds of refrigerant). One pound of new refrigerant is issued. Two pounds of conditioned refrigerant is issued. The amount of refrigerant recycled is one pound or 66% of the total issued.

Definitions:

- New refrigerant: R134A freon purchased from vendor.
- Evacuated refrigerant: R134A freon evacuated from a vehicle during repairs.
- Conditioned refrigerant: evacuated refrigerant that has been conditioned by recycling machine and returned to vehicle or issued to off road maintenance truck to use as needed to return to vehicles.

2. The record keeping procedure is:
 - ◆ Refrigerant (new and conditioned) issued is recorded by pounds in FA system by parts clerk using freon checkout sheet (Yellow paper) turned in by mechanic quarterly, when sheet is full or when new or conditioned off road refrigerant recovery tank is empty. Parts department issues new full

refrigerant tank to mechanic when recovery machine tank is empty. New refrigerant is placed in recovery machine tank at that time.

- ◆ The machine is reset so that total evacuated refrigerant equals zero each time a new refrigerant is placed in recovery machine tank.
- ◆ Mechanic measures pounds evacuated from vehicle at time of repair by checking LCD readout of qty. recovered and notes on the Refrigerant checkout sheet under quantity evacuated.
- ◆ Off Road mechanics bring evacuated freon in when tank is full (30 lbs.), put freon in recycling machine as usual check LCD readout for qty. recovered and note on freon checkout sheet on the shop recycling machine the total amount of freon evacuated from all equipment at the off road sites.
- ◆ Mechanic turns sheet in to parts department per normal procedure.
- ◆ Parts clerk issues new freon to vehicles per normal procedure.
- ◆ Parts clerk receives quantity recovered/conditioned into inventory at \$1.00 per pound using a unique part number having a description of conditioned freon and issues the quantity used (both new and recycled) per normal procedure.
- ◆ Total freon issued, total recovered and percentage of recycled to issue are calculated on a quarterly fiscal year basis by the parts manager and reported to the Fleet Manager.
- ◆ Shop Personnel completes EMS Waste Product Disposal/Recycling Record for the fence line facility and forwards along with FM quarterly Recycling Reports to Department of Environmental Protection and maintains file as departmental summary record.

USED OIL RECYCLING

1. The gauge for amount of oil recycled is:

- ◆ The sum of oil (used oil collected by various County departments during equipment maintenance placed in used oil tanks at Fleet Management Shops) measured in quarts and removed from used oil tanks by TEXPAR (in three week intervals) as noted on manifest divided by the total amount of oil (parts oil only, consumed is not considered as part of total at this time) issued from Fleet Management Shops measured in quarts
Ex: 360 quarts of oil is removed from used oil tank. 400 quarts of parts oil is issued. The amount of oil recycled is 90%.

2. The record keeping procedure is:

- ◆ Total oil issued is recorded in quarts in the FA system. Consumed oil issued total comes from fuel report updated monthly by Analyst. Replacement oil issued as parts total comes from the parts report updated monthly by Analyst.
- ◆ Used oil is measured by vendor when picked up and noted on a "Non-Hazardous Waste Manifest" form.
- ◆ An Analyst reconciles the form with payment from vendor, maintains source document file with copy of forms, reports quantities and forwards originals to Fleet Manager's office.
- ◆ Parts Department keeps totals of waste oil recycled, revenue generated and quarterly oil issued during a fiscal year and an Analyst completes the Quarterly Oil Recycling Report. The report is then sent to environmental protection quarterly where the file is kept and stored.

BATTERY RECYCLING PROGRAM

1. The gauge for number of batteries recycled is:
 - ◆ Number of batteries removed by designated vendor divided by the number of batteries purchased.
Ex: 10 batteries are purchased. Vendor removes 10 batteries at time of delivery. The number of batteries recycled is 10 or 100% of total purchased.

2. The record keeping procedure is:
 - ◆ A parts clerk records quantity of batteries purchased in EMS system.
 - ◆ Parts count used batteries clerk and vendor and vendor notes quantity recycled on the invoice/delivery ticket at time of delivery.
 - ◆ A copy of invoice is given to parts manager and filed under recycled batteries file.
 - ◆ Total batteries purchased, recycled and the percentage of recycled to issue are calculated on a quarterly fiscal year basis by the parts manager, reported on the FM Quarterly Recycling Report.
 - ◆ The Parts Department completes EMS Waste Product Disposal/Recycling Record for fence line facility and submits along with FM Quarterly Battery Recycling Report to an Analyst, who in turn compiles the information and gives it to the Fleet Manager. The Fleet Manager gives it to the Department of Environmental Protection that maintains the file with quarterly reports as part of the departmental summary record.

Note: Fleet Management recycles all batteries thru current contract vendor (Napa/Genuine Parts). Vendor picks up all used/core batteries and recycles them according to all current regulations. Vendor provides us with quarterly reports of batteries purchased and batteries recycled for both Bessemer and Central shop locations. The Parts Dept. keeps records of all batteries recycled.

SCRAP METAL RECYCLING

1. The gauge for pounds of scrap metal recycled is:
 - ◆ Pounds of scrap metal sold to recycling vendor.

2. The record keeping procedure is:
 - ◆ Assigned employee takes scrap metal to vendor for recycling.
 - ◆ Total scrap metal sold to vendor is measured by vendor and noted on receipt.
 - ◆ Employee submits receipt to designated supervisor who keeps quarterly total of scrap metal recycled.
 - ◆ Designated supervisor keeps receipt filed under scrap metal and forwards original to Fleet Manager.
 - ◆ Total pounds are reported on the FM Quarterly Scrap Metal Recycling Report and submitted to an Analyst.
 - ◆ An Analyst records fence line recycling activity on EMS Waste Product Disposal/Recycling Record, forwards along with FM Quarterly Recycling

Reports to Department of Environmental Protection quarterly and Adm. Analyst and maintains file with quarterly reports as departmental summary record. The Analyst records the figures on the Fleet Management Information Report quarterly.

FILTER CRUSHING PROGRAM

1. The gauge for number of oil filters handled, stored and disposed of properly is:
 - ◆ The total number of oil filters replaced or removed from equipment or vehicles divided by the total number drained, crushed and disposed of. Ex: 100 filters are issued. 90 filters are crushed and disposed of. Then number of batteries recycled is 90 or 90%.
2. The record keeping procedure is:
 - ◆ A mechanic replaces or removes oil filter from equipment or vehicle.
 - ◆ The number of filters crushed daily is noted on "Crushed Filter sheet".
 - ◆ Sheet is turned in to supervisor on a monthly basis.
 - ◆ Total filters issued, crushed and disposed of and percentage of issued to crushed and disposed of are calculated on a quarterly fiscal year basis by the designated supervisor and reported to the Administrative Analyst and the Department of Environmental Protection.
 - ◆ The Analyst records the figures on the Fleet Management Information Report quarterly.

RAG PROGRAM

1. Mechanics are issued 20 rags initially for use. Rags used by mechanics during work day are kept at work stations and used until considered dirty. No less than once a week mechanic turns in dirty rags at parts department warehouse, places rags in barrel labeled dirty rags; notes on list kept at rag barrel the date turned in, number of rags turned in, mechanic name and number of clean rags checked out.
2. A contract vendor retrieves dirty rags weekly, cleans and returns them with cleaned rags on a weekly basis. Any dirty rags that cannot be processed by vendor for reuse are disposed of by vendor.

OIL WATER SEPARATING PROCESS

Vehicles are washed in the back wash bay at Central Shop by mechanics as needed. A temporary collection area is located below drain grate in wash bay with a pipe that connects to a sump pump near oily water separator. Liquid is then pumped into oil water separator by a sump pump. At this point, oil is separated from water passively by allowing oily water to stay in oil water separator tank until oil floats to top of separator. Periodically tank is checked by designated employee and when ample oil has separated from water oil is drawn off by gravity into a barrel labeled used oil. Oil is placed in used oil tank in pit and is removed by vendor as needed. Clear water separated from oil is disposed of into a sanitary drain. Sludge is collected at bottom of tank pump sump and temporary collection area, cleaned periodically and removed in proper fashion.

OIL WATER SEPARATOR INSTRUCTIONS

DAILY

FLUSH SYSTEM

- Verify pump operation by checking pump sump to insure that water level is not above the top float.
- Open sludge drain valve completely for 5 to 6 seconds to flush system.

EVERY WEDNESDAY

DRAIN OIL BUILD-UP

- Turn system switch to off position.
- Remove oil discharge hose from oil drum and place in drain grate.
- Open oil discharge valve.
- Check for and drain off any water in hose.
- When oil begins to drain from hose, turn oil discharge valve off.
- Place hose into oil drum and turn discharge valve on, leaving valve open until oil stops draining.
- Close oil discharge valve and turn system switch to on position.
- Empty oil drum when half full.

FIRST WEDNESDAY OF EACH MONTH

WATER SAMPLES

- Remove water pipe drain hose from drain grate.
- Clean end of hose and place hose in clear container.
- Open water pipe drain valve and fill container.
- Turn water pipe drain valve off and place drain hose in drain grate.
- Visually check for oil. Water should be clear.
- If water is oily, system needs cleaning.

WINTERIZE (WHEN TEMPERATURE FALLS BELOW FREEZING)

- Turn system switch to off position
- Disconnect water inlet hose at top where water enters tank.
- Open water pump drain valve and drain pump.
- Open water pipe drain valve and drain pipe.

RESET SYSTEM

- Close water pipe drain valve.
- Close water pump drain valve.
- Connect water inlet hose at top where water enters tank.
- Prime pump if needed.
- Turn system switch to on position.

FIRST WEDNESDAY IN MARCH AND OCTOBER

- Clean sludge from sludge pan and sump.
- Environmental Services is called to remove sludge and dispose of in proper manner.
- Clean sump float.

Vehicle Washing Process

From time to time it is necessary to wash vehicles or equipment prior to repairs and for keeping the motor pool fleet clean. Vehicle or equipment is brought to back wash bay and is pressure washed. Care is taken so that water is collected inside wash bay collection pit where it is routed to and processed through the oil water separator. Debris from cleaning vehicle is shoveled up and disposed of in proper fashion so that pit is not clogged.

PARAMETERS

1. SUPERVISORS RESPONSIBLE FOR EACH TYPE OF RECYCLING SHALL DESIGNATE MECHANICS/CLERKS TO CARRY OUT PROCEDURES
2. ALL MECHANICS/CLERKS INVOLVED WITH RECYCLING PROCEDURES ARE TO BE TRAINED IN PROCEDURE WITHIN SIX MONTHS OF EMPLOYMENT
3. GIVE FLEET MANAGER QUARTERLY REPORTS TO BE NOTED ON THE EMS WASTE PRODUCT DISPOSAL/RECYCLING RECORD AND FORWARDED TO EMS

Oil Spill Prevention Control and Countermeasure Plan

**SPCC Plan
For The
Jefferson County Roads and Transportation
Department
Fleet Management Division
Central Shop Facility
1717 Vanderbilt Road
Birmingham, Alabama 35234**

January 2007

This plan has been "self-certified" under the EPA Final Rules dated December 12, 2006. The subject facility meets the "self-certification" qualifications of 1) having less than 10,000 aggregate gallons of aboveground oil storage capacity and 2) in the three (3) years preceding this dated SPCC Plan, the facility has not had a single (1) discharge of oil to reach and impact navigable waters exceeding one-thousand (1,000) gallons or two (2) discharges to reach and impact navigable waters exceeding forty-two (42) gallons each within any twelve (12) month period. The self-certification process also includes the following:

- The Plan meets accepted industry practices & standards;
- The Plan's procedures for inspections and testing have been established;
- The Plan does not have deviations from the rule requirements that would require a PE certification;
- The Plan has been approved and implemented by management and has had adequate resources committed to the implementation.

This plan has been prepared in cooperation with the Jefferson County Department of Environmental Protection. This plan has been reviewed by the management of the Jefferson County Roads and Transportation Department and the Fleet Management Division and we hereby certify and adopt this SPCC Plan into the operation at Central Shop Facility, Birmingham, Jefferson County, Alabama.

Mr. Wayne Sullivan, PE
Director, Roads & Transportation Dept.

Mr. Charles Tyler
Manager, Fleet Management Div.

Date: _____

Date: _____

**Spill Prevention Control and Countermeasure (SPCC) Plan
For
Fleet Management Division
Central Shop Facility**

Location: 1717 Vanderbilt Road, Birmingham, Alabama 35234
 NW1/4 of Section 19, T17S, R2W, North B'ham. Quad.-7 1/2"
 AST Location: Latitude – 33° 32.874' N & Longitude. – 86° 47.469' W

Facility Phone Number: 205-325-5101

Facility Contact: Charles Tyler, Manager, Fleet Management Division
 Facility Address: 1717 Vanderbilt Road, Birmingham, Alabama 35234

1. This facility has not experienced a reportable spill (>42 gal.) within the last three years and there is no record of a reportable spill before that time, from any oil or other chemical storage tanks.
2. The Central Shop building is located just within the 100 year AE flood zone and along the boundary of the 100 & 500 year flood zones. The ASTs containment structure has reportedly not been subject to flooding, since the property was acquired by Jefferson County in 1994.
3. This plan provides for the containment of the following aboveground storage tanks (AST):

<u>No. of tanks</u>	<u>Tank Type(*)</u>	<u>Total capacity</u>	<u>Material</u>
1	AST(#1)	450 gal.	85-140 Oil
1	AST(#2)	450 gal.	15W-40 Oil
1	AST(#3)	450 gal.	15-40 Oil
1	AST(#4)	450 gal.	UT-Hydraulic
1	AST(#5)	450 gal.	UT-Hydraulic
1	AST(#6)	450 gal.	50 WT Oil
1	AST(#7)	450 gal.	30 WT Oil
1	AST(#8)	450 gal.	DEX II-Trans.
1	AST(#9)	450 gal.	Min. Spirits
1	AST(#10)	450 gal.	Antifreeze
1	AST(#11)	475 gal.	Used Oil
1	AST(#12)	475 gal.	Used Oil

* Location # on Figure 4.

The twelve (12) tanks listed above are in a single row within a single, concrete walled secondary containment structure. The containment structure is a concrete lined

service pit for draining and changing lubricants and other vehicle fluids. This service pit is set in the shop floor and covered by the shop roof; in service bays # 30 & 31 (Figure 3).

The twelve (12) aboveground storage tanks (ASTs) within the sub-grade pit (top of pit is at shop floor level) are each a single-wall steel rectangular type, set on a low raised steel foundation. Ten (10) of the tanks (AST # 1-10) are each approximately 5 feet long, 2 feet wide, and 6 feet high. Two (2) of the tanks (AST # 11-12) are each approximately 6 feet long, 38 inches wide, and 40 inches high. Each tank has a visible U-tube gauge for direct reading of the volume of the tank's contents.

Any spills from the tanks are isolated within the 8.5-foot deep, 55-foot long, and 20-foot wide secondary containment structure. Any spills within the secondary containment structure drain to a pit floor sump, where the fluids can be pumped out. See Figure 4 for details.

This facility has no motor fuel dispenser islands or motor fuel USTs/ASTs.

4. The nearest down-gradient surface water to the Central Shop's AST location is the perennial stream, known as Village Creek. The surface run-off distance from the AST containment area to an un-named drainage channel along the westside of a raised railroad bed is approximately 500 feet. The un-named intermittent stream flows into Village Creek approximately 2000 feet down-gradient of the Central Shop Facility. See Figure 2 for details.
5. The secondary containment requirements for the SPCC Plan are satisfied by the enclosed sub-grade concrete pit surrounding the tanks. The total spill capacity of the secondary containment structure (~64,000 gallons) is greater than the volume of all of the twelve tanks (5,450 gallons - total aggregate volume) and there is no need for additional freeboard capacity since the secondary containment structure is located entirely within a building.
6. The tanks will be inspected monthly for leaks and oil stains, as well as oil stains on the secondary containment structure. Monthly inspections and test or repair records will be maintained with the SPCC Plan. A Monthly Inspection Checklist is presented in Appendix 2.
7. Any spills occurring during the deliver truck unloading activities will be contained within the AST secondary containment structure, due to the parking arrangement whereas the deliver truck is parked over the concrete service pit on the service ramp. Any perimeter leakage will be contained by absorbent materials (granular, pads, socks, or booms, etc.) which are stored onsite in spill containment kits at the facility.

All unloading of transport vehicles to fill the tanks will meet minimum requirements and regulations established by the Department of Transportation (49 CFR, Part 177, Subpart B, 177.837). During deliveries and while filling the ASTs with product,

designated facility personnel will monitor the activity to prevent overflow, and to note visible leaks from seams, gaskets, valves, etc. The Shop Manager or his appointed representative will make monthly inspections of the unloading area to detect signs of minor spills. If spills are evident, any contamination will be disposed of in accordance with existing State and Federal regulations. A Fuel Delivery Checklist is presented in Appendix 1.

8. The Shop Manager or his appointed representative shall maintain a written record of any spill, which occurs, and the actions taken to properly dispose of all spilled material and the cleanup procedures. A Spill Report Form is presented in Appendix 3.
- 9) All facility personnel who are in any way connected with the unloading of tanker/transport vehicles, use of products stored in the ASTs, maintenance of the AST/secondary containment structure, or responsible for storm water drainage and spill cleanup will be made familiar with this plan. A copy of this plan will be posted and readily available to all facility personnel.
- 10) The facility will be kept gated and locked to prevent vandalism or theft whenever Jefferson County personnel are not present.
- 11) All designated facility personnel will be fully trained in all aspects of this plan, the proper use of personal protective gear, and all reporting and record keeping procedures. All non-designated facility personnel will be made familiar with the plan and will be instructed on personal safety.

Potential Sources of Spills:

A. Tank or Tank Valve Rupture:

Prevention: Tanks, valves, and fittings will be properly maintained and kept in good condition. A visual inspection of all tanks, valves, and fittings will be conducted monthly for leaks, and tank foundations for cracks and unusual settling. A "Monthly Inspection Checklist" is presented in Appendix 2.

B. Tank overfill:

Prevention: Truck drivers should follow correct operating procedures when unloading product to the ASTs and stay with the equipment at all times during unloading operations. Designated facility personnel will be present when deliveries are made. Any spillage will be immediately cleaned-up or mitigated in accordance with this plan. A "Fuel Delivery Checklist" is presented in Appendix 1.

C. Hose Rupture During Unloading and Spillage from Hoses after Disconnection.

Prevention: Inspections will be conducted by designated facility personnel of all hoses during each tank refueling event. The fuel and oil supplier will keep replacement hoses. A "Fuel Delivery Checklist" is presented in Appendix 1.

Spill Notification and Reporting

In the event of a reportable quantity spill (single spill of 1000 gals or 2 spills of >42 gals. each within a 12 month period), designated facility personnel will immediately call:

- 1) The National Response Center (24 hrs/day, 7 days/week, 365 days/year) 1-800-424-8802 or 1-202-267-2675. No e-mails or faxed reports accepted. NRC on-line web reporting is available at www.nrc.uscg.mil/nrchp.html

Within 24 hours of a spill call:

- 2) The Alabama Department of Environmental Management (ADEM) in Montgomery at 1-334-271-7700.

Report the following information:

- a. Name, address, and telephone number of person reporting spill
- b. Exact location of facility and spill
- c. Company name, number, and location
- d. Material spilled
- e. Estimated quantity
- f. Source of spill
- g. Cause of spill
- h. Nearest down-stream body of water to receive spill
- i. Discuss/advise regarding actions taken for containment and cleanup

Within 60 days of a reported spill, submit the following information to the EPA Region 4 Administrator (Atlanta, Ga.):

1. Name of facility;
2. Name/title of individual reporting the incident;
3. Location of the facility;
4. Maximum storage/handling capacity and normal daily throughput;
5. Corrective actions and countermeasures taken, including description of equipment repair and replacement;
6. Facility maps, flow diagrams, and topographical maps;
7. Cause of the discharge and a failure analysis;

8. Additional preventative measures taken or contemplated to minimize a recurrence;
9. Other information that maybe required by the EPA Regional Administrator.

Personnel Training

All oil handling personnel involved in the operations and loading/unloading of the ASTs will meet at least once annually to receive training on the facilities SPCC Plan and to discuss any past spills and precautionary procedures developed as a result of past experience.

The facility's management will appoint two shop floor personnel who as a team will be responsible for the SPCC spill prevention training, paperwork tracking, personnel assignments during delivers to the ASTs, and other monitoring/inspection activities. A personnel assignment and training form is included in Appendix 4.

Tank Integrity Inspections & Testing

The routine monthly visual inspection and documentation (Appendix 2) will be supplemented by a method of non-destructive tank shell testing. The non-destructive tank shell testing will be performed on each of the ASTs every five years.

Attachments

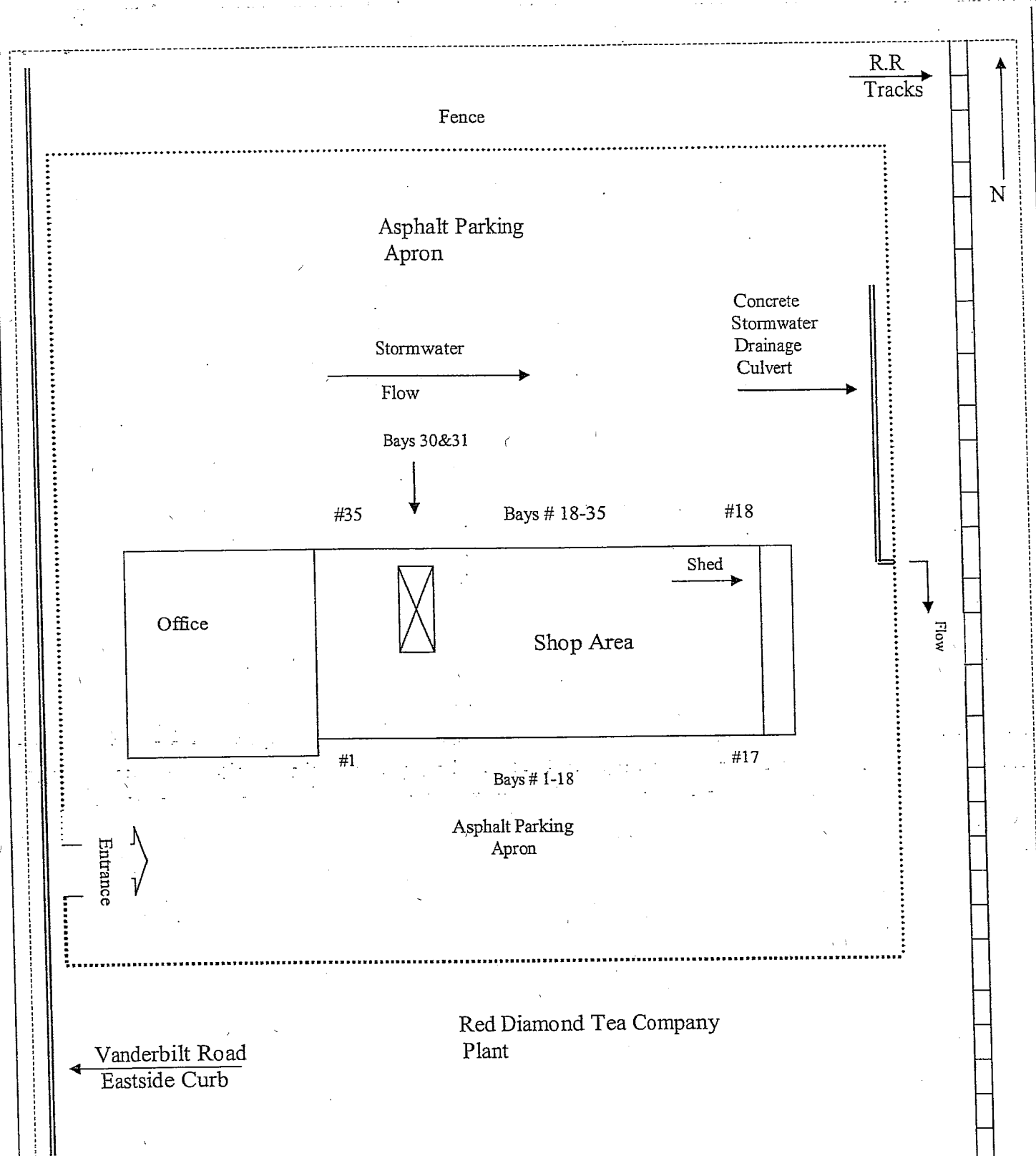
Figures 1-4, Diagrams of facility, AST location, and details of secondary containment structure.

Appendix 1, Fuel Delivery Checklist

Appendix 2, Monthly Inspection Checklist



Appendix 3, Spill Report Form

Appendix 4, Personnel assignment and training forms



Red Diamond Tea Company
Plant

Facility Address - 1717 Vanderbilt Rd.
Birmingham, AL 35234
Map Location- NW ¼ of Section 19,
T.17S., R.2W

LEGEND
 Sub-floor concrete pit containing 12 rectangular steel, single wall ASTs
 Aboveground Storage Tanks -AST



Environmental
Protection
Division

Spill Prevention Control & Counter Measure
(SPCC) Plan
Jefferson County Fleet Management - Central Shop

Facility Diagram

PROJECT NO.
RT-FM-CS -
SPCC

SCALE:
~1"=100'

DATE:
12/5/06

DRAWN BY: TND
PAGE NO:

FIGURE 3

ASTs

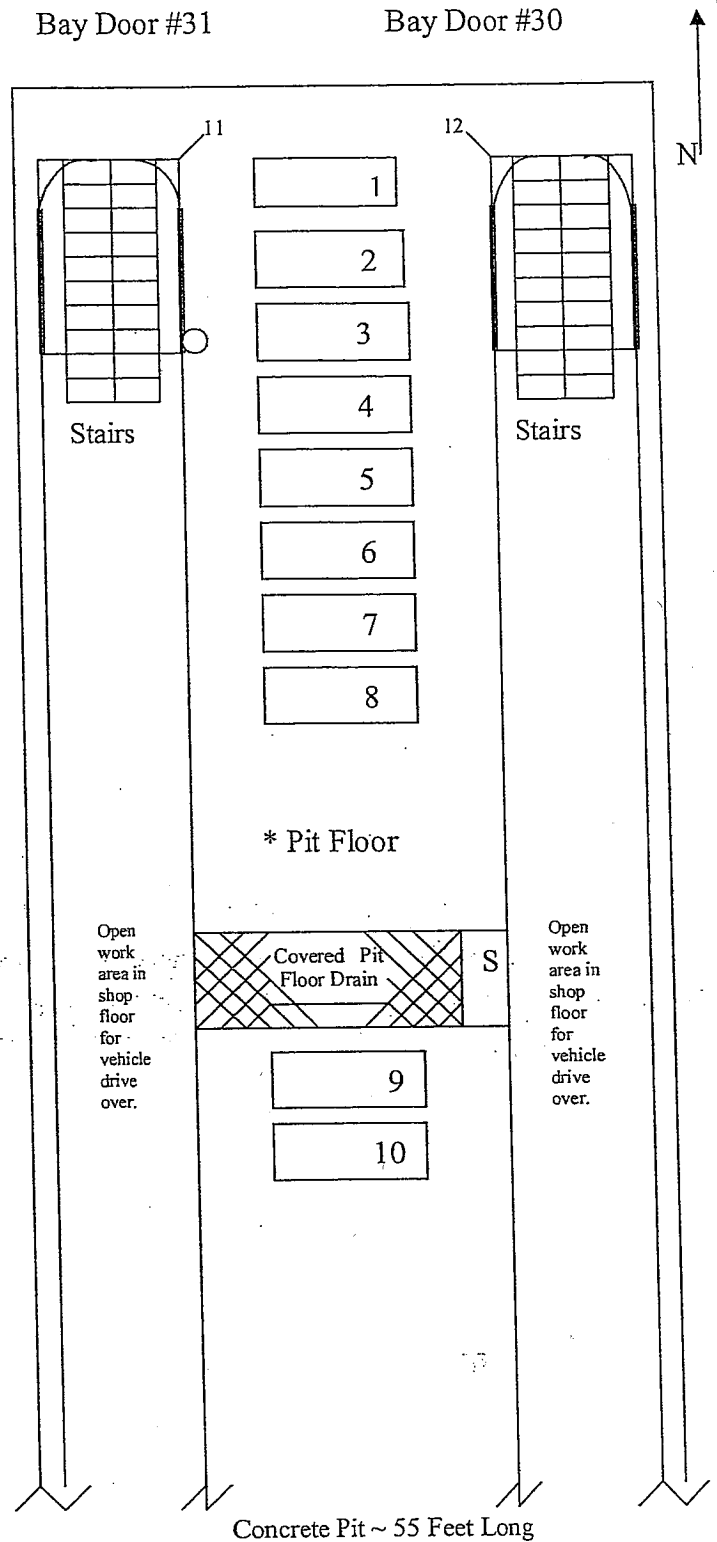
- # 1 = 85-140 Motor oil
- 2 = 15w-40 m.o.
- 3 = 15w-40 m.o.
- 4 = UT (Universal Tractor Fluid)
- 5 = UT
- 6 = 50 WT
- 7 = 30 WT
- 8 = Dex II
- 9 = Mineral Spirits
- 10 = Anti-Freeze
- 11 = Used Oil } below stairs leading from
- 12 = Used Oil } shop floor down to pit floor

Tank dimensions & gallons

1-10 = 24 "W, 72" H, 60"L, 450 gal. each.
 #11-12 = 38 "W, 40"H, 72"L, 475 gal. each.
 Tanks #11 & 12 have connecting piping manifold.

* Concrete Pit Floor is 8.5' below shop floor.

The drive over cover of the concrete pit is level with shop floor except for low raised steel bumper guard surrounding the two open work area in the pit cover / shop floor.



Facility Address - 1717 Vanderbilt Rd.
 Birmingham, AL 35234
 Map Location - NW ¼ of Section 19,
 T.17S., R.2W.

LEGEND

- AST- Aboveground Storage Tank
- S- Sump for containing oil spills & serves as a pump out location.
- O- Used oil pump out connection by AST #11



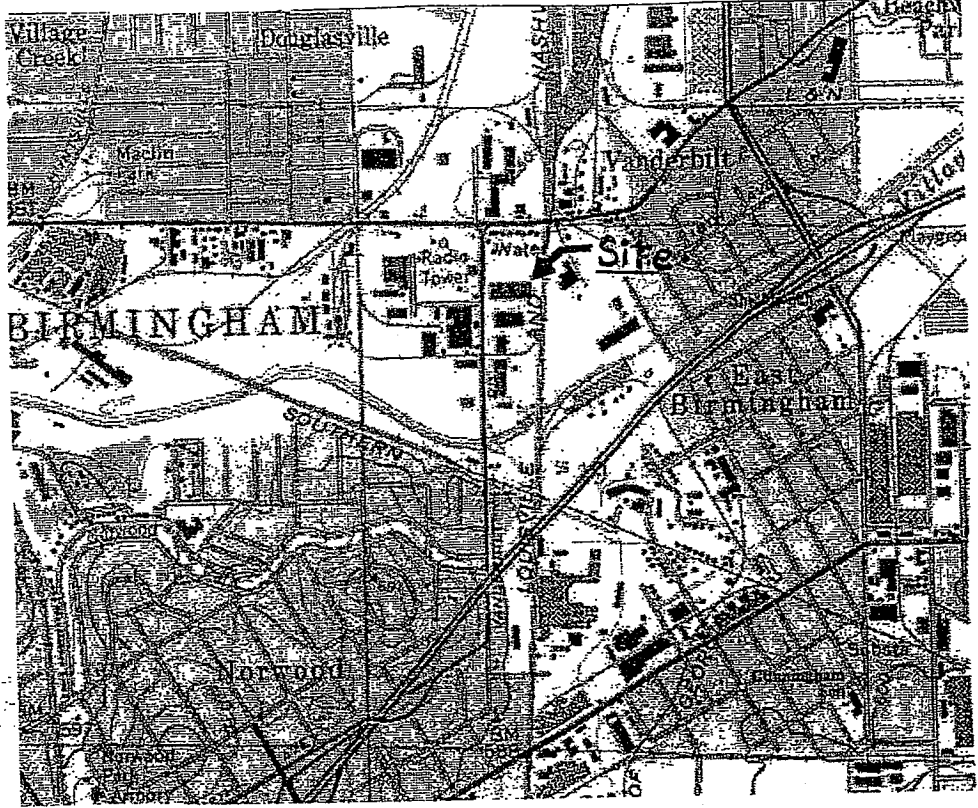
Environmental Protection Division

Spill Prevention Control & Counter Measure (SPCC) Plan
 Jefferson County Fleet Management - Central Shop

PROJECT NO. RT-FM-CS	SCALE: 1" = 6'	DATE: 12/19/06	DRAWN BY: TND
			PAGE NO:

AST Secondary Containment Diagram
 (In mechanic work area in pit below shop floor.)

FIGURE 4



T17S

R2W

Facility Address - 1717 Vanderbilt Rd.
Birmingham, AL 35234

LEGEND
 - Facility Location



Environmental
Protection
Division

Spill Prevention Control & Counter Measure
(SPCC) Plan
Jefferson County Fleet Management - Central Shop

Site Location Map
North Birmingham Quad.
7.5", 1978

PROJECT NO.
RT-FM-CS

SCALE:
-1"=2000'

DATE:
10/11/06

DRAWN BY: TND

PAGE NO:

FIGURE 1

E. News Articles of Storm Drain
Marking Projects

Center Point to launch environmental cleanup

By **DANA JAFFE**
News staff writer

Officials hope an effort launched last week by Center Point Mayor Tom Henderson and Miss Alabama 2008, Amanda Tapley, will prompt residents to participate in an environmental protection event Saturday.

Last Friday, after the seventh annual Mayor's Prayer Breakfast, Henderson and Tapley placed signs on storm drains on the corner outside of Hilldale Baptist Church, where the breakfast was held.

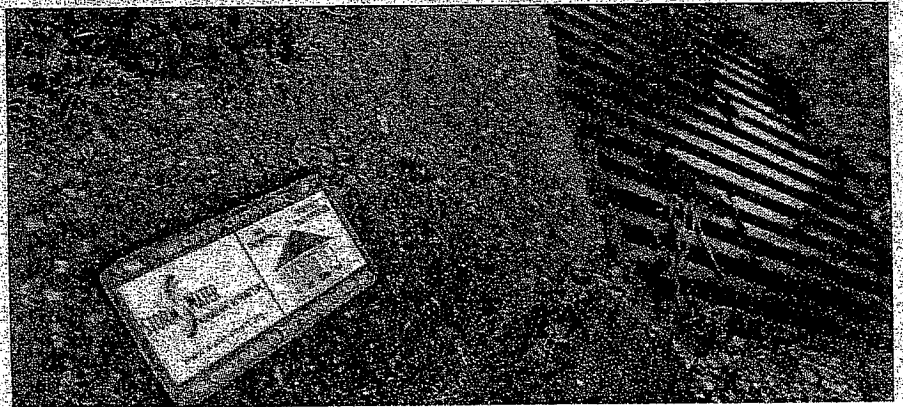
This was to kick off Saturday's annual Great American Spring Cleanup, an event which is put on by the city of Center Point, Keep Center Point Beautiful and the greenway partnership Five Mile

Creek to get residents involved in cleaning up their own neighborhoods.

Tim Gann, Center Point Chamber of Commerce event coordinator, said this year, in a joint effort with the Storm Water Management Authority, the main focus of the volunteers will be placing signs with messages such as "No Dumping," "Protect Our Springs," and "Only Rain in the Storm Drain" on storm drains to remind and encourage residents to keep garbage away from the areas surrounding storm drains.

"We are hoping for good weather and a good turnout," Gann said. "This cleanup effort is a chance for citizens to

See **CLEANUP** | Page 2N



IP: e, flooding erns

in the commu-
take ownership

to make citizens more aware of what is going on, and a time for them to help the city with its effort to prevent future leaf and trash buildup in ditches and along curbs that eventually leads to clogging of storm drains, flooding and pollution of Five Mile Creek.

"If they have any interest in

cleanup and sign placements are from Sun Valley Road to Sunhill Road near all the schools, and east of Center Point Parkway on Polly Reed Road and Lake Drive.

Participants will be provided necessary supplies such as gloves, hand sanitizer, plastic bags and bottled water.

The East News

Covering Eastern Birmingham, Center Point, Clay Trussville, Pinson, Irondale, Leeds, Moody, Springville
& other east Jefferson County communities

The Birmingham News

Wednesday • March 18, 2009 • Section NE

.com



NEWSSTAFF/EMMA TANNENBAUM

Miss Alabama 2008 Amanda Tapley places a sign on a storm drain in Center Point last week. Tapley and Mayor Tom Henderson, holding the umbrella, hope that volunteers will help place about 150 of the signs around the city Saturday in an effort to help keep stop pollution.

CENTER POINT

Cleanup campaign will be Saturday

By DANA JAFFE
News staff writer

Officials hope an effort launched last week by Center Point Mayor Tom Henderson and Miss Alabama 2008, Amanda Tapley, will prompt residents to participate in an environmental protection event Saturday.

Last Friday, after the seventh annual Prayer Breakfast, Henderson and Tapley placed signs on storm drains on the corner outside of Hilldale Baptist Church, where the breakfast was held.

This was to kick off Saturday's annual Great American Spring Cleanup, an event which is put on by the city of Center Point, Keep Center Point Beautiful and the greenway partnership Five Mile Creek to get residents involved in cleaning up their own

also pick up trash around the city. The areas targeted for cleanup and sign placements are from Sun Valley Road to Sunhill Road near all the schools, and east of Center Point Parkway on Polly Reed Road and Lake Drive.

Participants will be provided necessary supplies such as gloves, hand sanitizer, plastic bags and bottled water. Those interested in helping should arrive at the city hall Saturday at 9 a.m. and expect to lend a hand until around noon.

E-MAIL: djaffe@bhamnews.com

in the area, Henderson said. He said this is an opportunity to make citizens more aware of what is going on, and a time for them to help the city with its effort to prevent future leaf and trash buildup in ditches and along curbs that eventually leads to clogging of storm drains, flooding and pollution of Five Mile Creek.

"If they have any interest in keeping our streams clean and clear, they should come out," Henderson said.

Gann said as they work to place about 150 signs the city has available, volunteers will

and "Only Rain in the Storm Drain" on storm drains to remind and encourage residents to keep garbage away from the areas surrounding storm drains.

"We are hoping for good weather and a good turnout," Gann said. "This cleanup effort is a chance for citizens to be proactive in the community. They can take ownership and help out so we can avoid flooding or draining problems this spring."

In the past, city residents have voiced concerns about flooding and drainage issues

CLEANUP: Drainage, flooding are concerns

From Page 1E

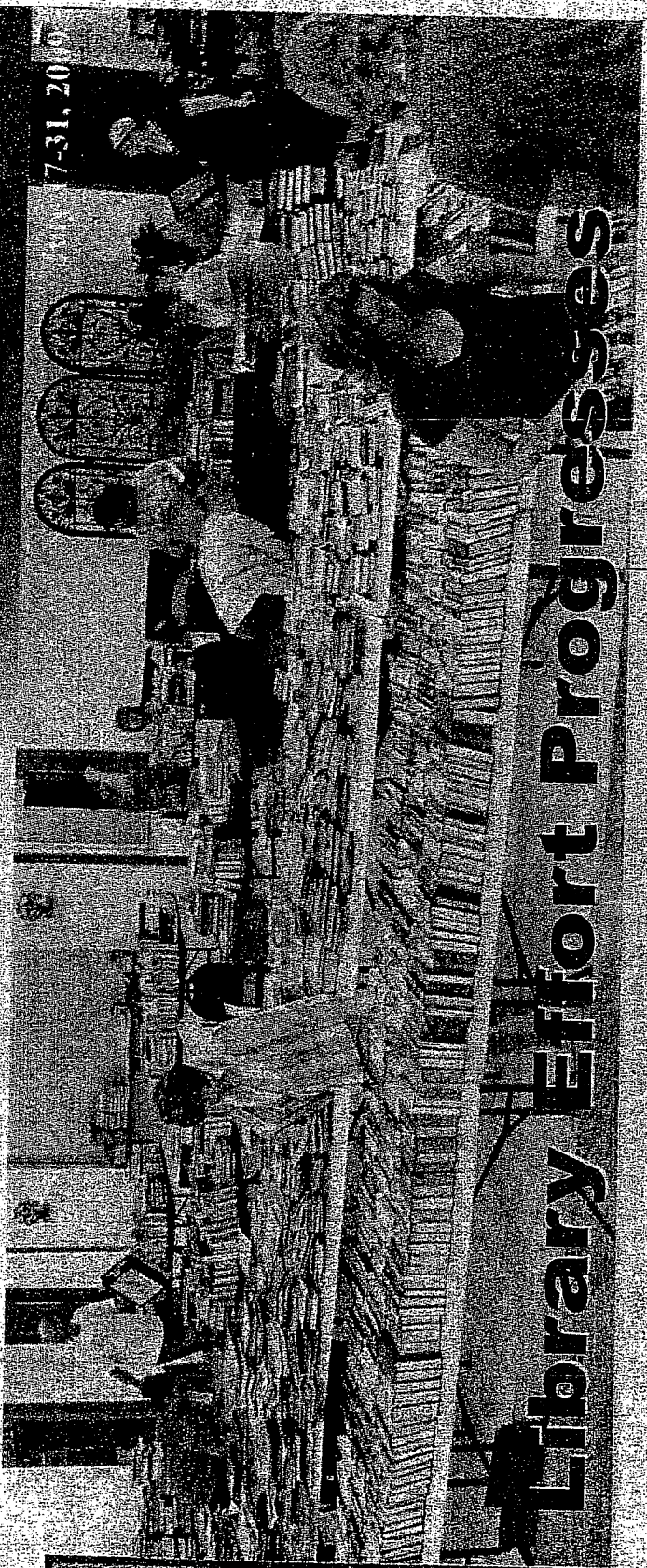
neighborhoods.

Tim Gann, Center Point Chamber of Commerce event coordinator, said this year, in a joint effort with the Storm Water Management Authority, the main focus of the volunteers will be placing signs with messages such as "No Dumping," "Protect Our Springs,"

CLAY NEWS

25¢

SHINING LIGHT ON THE HIGHEST POINT IN JEFFERSON COUNTY



Volume 8, Issue 14
7-31-2010

Inside:

- Chamber President Makes Tax Exemption Request See page 2
- SWMA Needs Volunteers for Drain Marking See page 2
- Grayson

Library Effort Progresses

Volunteers worked for days sorting through donated books. A book sale is scheduled for July 18, 8 a.m.-3 p.m. at the Clay Community Center. Video tapes are also in...

SWMA Provides Markers

By Tina Tidmore

The Storm Water Management Authority is providing 150 markers to be put on storm drains in Clay. This is to remind people that water that goes in these drains goes into the rivers, a fact less than 5% of people know, said Hana Burwinkle with SWMA.

SWMA is asking for volunteers to help with putting them on the drains on July 25 at 9 a.m. Anyone wanting to volunteer should contact Pat Feemster at 681-0591.

ONLY RAIN IN THE STORM DRAIN
HELP KEEP

STORM WATER
MANAGEMENT AUTHORITY
www.water-sma.org

NOLITTERING ~ PROTECT OUR RIVERS

Local Artist Dies

the way cleared. Mayor Ed McGuffie said people can walk on it, but they won't want to wear shorts or be barefoot because of the poison ivy. Volunteers built a bridge on the Steeplechase Drive to grant access to the walkway. The dam has been cleared off also. City Clerk Bobby Christman said the volunteers

Briefs

Tax Holiday: The Clay City Council passed a resolution that they would participate in the Sales Tax Holiday. This means people who buy back-to-school items from businesses in the City of Clay will not be charged municipal sales tax on August 7 to Au-

To see more of the story, go to www.claynews.net

Written by Tina Tidmore

July 22, 2009

Discussion Forum

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About the Editor

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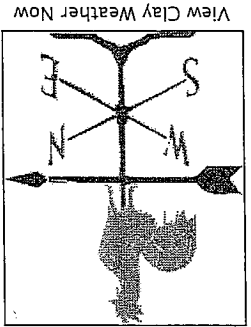
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Clay Weather

LATEST NEWS

- Burdette Case
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- Change in Building
- Material
- Former Figgly
- Wiggly Building
- Audit Results
- Reviewed

CLAY WEATHER



View Clay Weather Now

The City of Clay and Storm Water Management Authority have joined together in an information campaign to protect the quality of rivers. Markers have been created to put on storm drains in Clay subdivisions to remind residents that water that goes into the drains go untreated into creeks and rivers, ultimately into the Gulf of Mexico.

The same water that goes into the drains is the water people play in. Hana Burwinkle with SWMA said many people mistakenly think the water in storm drains go into the sanitary sewer.

The subdivisions included in the marking campaign are Cosby Hills, Chestnut Hills, Dogwood Hills and Paradise Valley. The drains to be marked have already been identified with green paint. "It will be like an Easter Egg hunt," said Hana Burwinkle with SWMA. Volunteers are asked to come to Figgly Wiggly parking lot at 9 a.m. on July 25. They will be given a sack with all the supplies and an assignment of where to put the marker.

Burwinkle said that since Clay is in the headwaters of three watersheds then what is put in the Clay storm drains impacts the quality of rivers and lakes in many other areas.

Some of the things polluting rivers by entering the storm drains are fertilizers, pesticides, herbicides, yard debris, oil and grease from roads and parking lots, heavy metals from roofs, eroded soil from construction sites, waste from pets and litter.

Lyn Diclemente of SWMA suggests people follow the following suggestions to reduce pollution going to the streams through storm drains:

- Don't overuse yard and household chemicals! Read and follow package directions.
- Recycle used oil. Properly dispose of or donate old paint.
- Pick up pet waste and put it in the trash.
- Let the rain soak in! Reduce the amount of rain water leaving your property by installing paving stones or bricks for sidewalks and driveways. Plant water-loving plants near downspouts to allow more rain water to soak into the ground.
- Capture rain water from your roof for watering gardens and grass.

< Prev Next >

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Down the Street

Why is this dog smiling?

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SPORTS

ERWIN'S LEE WILL HONE SKILLS IN SENIOR SEASON 5NE



FYI

List of felony incidents / 4NE

The East News

Covering Eastern Birmingham, Center Point, Clay, Trussville, Pinson, Irondale, Leeds, Moody, Springville and other east Jefferson County communities

all www.al.com

The Birmingham News

Wednesday ♦ July 22, 2009 ♦ Section NE

CLAY

City targeting water pollution prevention

By KATHERINE BOUMA
News staff writer

The city of Clay is looking for volunteers to come out Saturday morning to help save the area's waterways from pollution.

Clay is teaming up with

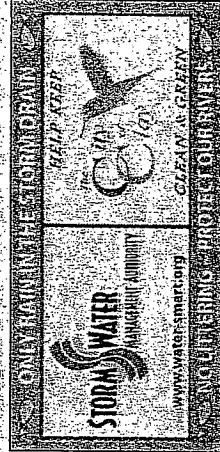
the Storm Water Management Authority of Jefferson County for a program that is relatively modest in cost and effort.

It will place vinyl warnings decals on 150 storm drains throughout the city, warning potential polluters

that anything poured down storm drains ends up in lakes and streams.

But the results of the small project could be quite large if it educates the public that stormwater drains

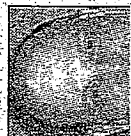
See CLAY | Page 2NE



SPECIAL

JUST A CHAT | MARK BEARMAN

I think, spiritually, visiting the Western Wall was a tremendous



Bio: Mark Bearman, 50, is an eye surgeon who co-owns Vision First Eye Center in Trussville. Vision Eye Center also has offices in Alabaster and on Lake Shore Drive. Bearman lives in Mountain

What's your favorite part of your job? Helping people see better. It is a chance to change lives, and the results are almost immediate.

Do you have any big travel plans this summer? My wife and I will celebrate our 26th wedding anniversary this summer, so we're thinking about either

Volunteers needed to share their bunny love

icated to finding loving, permanent homes for domestic rabbits, and educating people about proper rabbit care and behavior. Our volunteers are paid only in the form of a grateful bun-



I was reminded of the lines from the famous Anglican hymn, "All things bright and beautiful, all creatures great and small; all things wise and wonderful, the Lord God made them."

said the founder, provided more volunteers, with equipment, instructions and maps for the project, organizers say. abbits and con-

ON THE WEB
E-MAIL: kbouma@bhamnews.com
www.water-smart.org

COVERING YOUR COMMUNITY

THE BIRMINGHAM NEWS
2201 Fourth Ave. North
Birmingham, AL 35203

Mike Cason, North/East metro editor
325-3184, fax: 325-2283
mcason@bhamnews.com

SPEAK OUT

Got an opinion about an issue in your community or just something you want to say in the newspaper? Let us know. Fax your comments to 325-2283. E-Mail to North/East Editor Mike Cason at mcason@bhamnews.com. Write us at Speak Out, The Birmingham News, P.O. Box 2553.

The Storm Water Management Authority had the decals designed as a cheap way to prevent water pollution, since it is much more expensive to clean up flowing streams than to keep oil, trash, and other junk out of them.

The decals are made of a vinyl that should meet the same non-stick properties as the paint used for the center lines of roads, said Lyn D'Clemente Boyer, a spokeswoman for the stormwater authority. The decals are guaranteed to last 10 years.

The stormwater group is supplying 150 free decals to the city, but if the city likes the project it can buy more to put on all its storm drains. The city hopes for at least 28 volunteers Saturday.

Volunteers are asked to meet at 9 a.m. Saturday in the Clay Piggy Wiggly parking lot. Volunteers will be divided

CLAY: Water quality affects region

From Page 1E

flow directly into the rivers and creeks of the area. Clay sits at the top of three major water systems.

As its city seal boasts, the city is the source of the Cahaba River. The Cahaba is a major source of drinking water for the Birmingham area.

Clay also is home to tributaries that help form the headwaters of both the Coosa and the Black Warrior river systems. As a result, biologists say pollution there can be extremely damaging.

"What happens in Clay affects water quality and quantity for the region," stated Pat Feemster, chairwoman of Clay's Environmental Committee.

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2 PAGES



Volume 8, Issue 15

Inside:

Two Empty City Buildings See page 2

Teenagers Charged in Connection

With Traffic



CLAY NEWS

25¢

SHINING LIGHT ON THE HIGHEST POINT IN JEFFERSON

Discipline Statistics of Local Schools

Every year, the Jefferson Public Schools district publishes a report on discipline statistics for its schools. The report, which is available on the district's website, provides a detailed look at the number of students who are suspended or expelled from school each year. The report also includes information on the reasons for discipline and the number of students who are referred to law enforcement. The report is a valuable resource for parents, educators, and the community as a whole. It provides insight into the challenges that our schools face and the steps that are being taken to address them. The report is a testament to the commitment of the Jefferson Public Schools district to providing a safe and supportive learning environment for all students.

July 31-August 13, 2009

Many Dog Complaints

The Jefferson Public Schools district has received a significant number of complaints regarding dog behavior in the past few years. The complaints range from dogs barking or baying to dogs running loose on school grounds. The district has taken steps to address these issues, including increasing the number of staff members who are responsible for monitoring dog behavior on school property. The district has also implemented a program to educate students and staff about the dangers of dogs on school grounds. The district is committed to providing a safe and secure learning environment for all students and staff.

St. Charles in 1959 and in 1980 the name was changed to the First Baptist Church of

Some names of the founders are reflected on the building. A log building was constructed in 1887. The building is located on local streets. The building is a historic landmark and is a testament to the community's rich history. The building is a beautiful example of traditional architecture and is a source of pride for the community. The building is a valuable resource for the community and is a testament to the community's commitment to preserving its history.

Some names of the founders are reflected on the building. A log building was constructed in 1887. The building is located on local streets. The building is a historic landmark and is a testament to the community's rich history. The building is a beautiful example of traditional architecture and is a source of pride for the community. The building is a valuable resource for the community and is a testament to the community's commitment to preserving its history.

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paid, McGuffie said. entorcea.

News from City Hall

Sixty-four days until the Clay Library opens on October 1, 2009!

The Clay Library Book Sale was a great success! The Library received \$608 in book sales, and "Clay Library Friends" memberships at \$5 per person totaled \$45.

Many books were collected after the sale for the Clay Library's "Book Sale Room". Please remember if you would like to become volunteer help with the Clay Library, call the city at 680-1223. The seniors also participated in the book sale with a fundraiser. The seniors sold coffee and homemade goodies for everyone's pleasure. Sylvia

Drain Markers

Saturday July 25th, Clay citizens showed up for a day of placing labels on the Clay storm water drains. Pat Feemster, the organizer of this project, said these labels remind the community that the storm water drains serve a vital part in collecting water from rain that ends up in our streams, lakes and rivers. The Mayor, City Councilors and Environmental Committee want to thank everyone that helped and was involved with this project.

Respectfully yours,
Jackie Hambrick, Clay Councilor



CLAY NEWS

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The **Pinson News** .50

Now serving Clay, Center Point and Surrounding Cities

A Family Owned Business August 7, 2009 (Yesterday, Today and Tomorrow's News)

Clay kicks off SWMA Project



On Chestnut Way in the Chestnut Hills community of Clay, leaves

and yard debris clogged storm drains, caused flooding, that can harm water quality when carried untreated to a local creek or stream said Lyn DiClemente Boyer of Storm Water Management (SWMA).

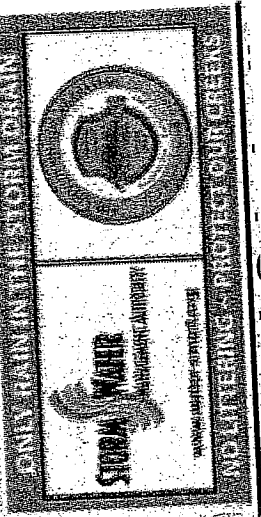
After removing yard debris, litter and trash from around a storm drain City of Clay volunteers placed a vinyl marker on the storm drain lid to serve as a reminder that only rain belongs in the storm drain. Anything that enters the storm drain system is carried untreated by rain water to the nearest stream or creek. About 140 storm drains in five target areas of the city were cleaned and marked by more than 20 volunteers on Saturday, July 25. The storm drain marking project is part of Clay's environmental efforts to "Help Keep the City of Clay Clean and Green". The project was a partnership among the City of Clay, Clay Environmental Committee, and the regional Storm Water Management Authority.

The Pinson News .50

A Family Owned Business July 24, 2009 (Yesterday, Today and Tomorrow's News)

One man out \$15,000 after Craigs List purchase

A Mulga resident who works in Pinson is now out \$15,000 after purchasing a vehicle advertised on Craigs List. Pinson deputies found



Storm Water Markers display endangered Vermilian Darter page 3

July 24, 2009

The Pinson News *

Community Calendar

2 Minute News

Council Town Hall meeting- Work Sessions---The last Thursday (5th Thursday) in July and October Council will hold Town Hall/Work Sessions that's open to the public.

Solid Rock--Summer Blaze Event---Friday night (July 24th at 7:00 PM) in the front parking lot

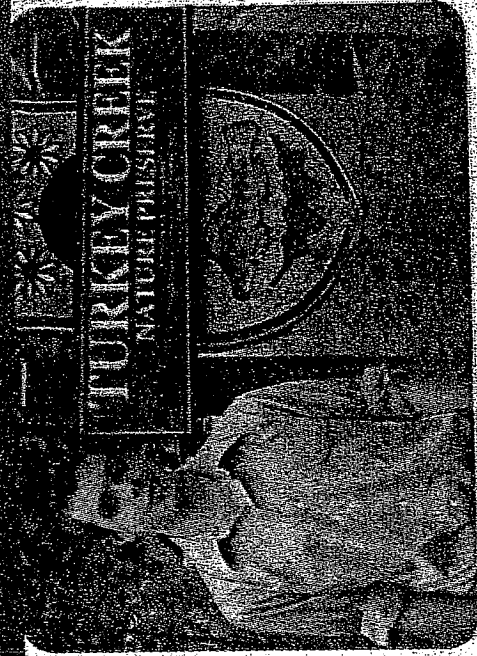
City gives funds to help local fire departments

By Cathy Leslie
 Council approved a motion to give Center Point Fire and Palmerdale Fire stations requested funds at the July 16 Council meeting.
 Palmerdale Fire requested help paying for two Positive Pressure Fans totaling \$3700. In addition, a set of extraction equipment that was purchased from the City of Mountain Brook totaling \$2500. The total of the two items came at Turkey Creek.
 When talk of the trails first began, Shelmut presented the idea as walking trails. Following the meeting, TPN asked the acreage of the first phase between the high school and city hall. Shelmut said it was 1 1/2 miles from the lake but added from the starting point at the school it would be 2 miles at the exact length needed for a running track. He is a Track Runner and coaches the track team in

Storm Water Markers display endangered Vermilian Darter

The city has agreed on a marker that will be displayed on Storm Water drains through out the city. 150 markers have been purchased and are ready to be placed in certain areas. Another 150 markers are to be purchased but according to SWMA a young man wants to use raising funds for the markers as an Eagle Scout project.
 Pinson is the only city in the United States who is able to include an endangered species, the Vermilian Darter fish on the Markers.

INSIDE THIS ISSUE



Clay McAlpin,
City of Pinson,
Turkey Creek,
Eagle Scouts,
SWMA,
ABBF See Page 3

**Vandals
hit Clay
Youth
Park**

Page 4

**Coach
Glover
names
starters**

Page 6

The Pinson News -50

Now serving Clay, Center Point and Surrounding Cities

A Family Owned Business August 21, 2009 (Yesterday, Today and Tomorrow's News)

12 PAGES

News & Government

What does Clay McAlpin have in common with the City of Pinson, Turkey Creek, Eagle Scouts, SWMA, and ABBF?

By Cathy Leslie

Clay McAlpin is a 15-year-old student who is in Troop 11 and working on to make Eagle Scout.

In order to do that he must take on various community projects to show skills such as leadership.

As one of the Eagle Scout projects Clay chose to help in the campaign to raise awareness about what's flowing into the waterways through storm drains.

He, in conjunction with the City of Pinson, Turkey Creek, Storm Water Management will be placing markers throughout the City of Pinson.

But those markers are not free. Part of Clay's project is to raise the funds to pay for the storm drain markers.

Clay must raise almost \$2,000, and will be doing



and various fund rais- tions or will take corporate sponsorships. This is only part of his project.

In the Anniversary Edition we will tell a little more of Clay's story but if you can with this project, contact Clay through

ML... Navis or Pinson City Hall...

Lighting up the City for added safety

The City of Pinson now installed street lighting on Pinson Main Street and on Tapscott Road near Highway 7.

This is being done to add safety measures in different areas around the city.

Council members voted to apply for a grant from the Alabama Department of Transportation in order to get a much needed traffic signal at the entrance to Pinson High School. The next Education Committee meeting is set for August 31.

At Sunrise Memorial

Beautiful Choice

2 PAGES

ANNIVERSARY EDITION (FREE)

**FIVE YEARS in
"THE PINSON
NEWS"
(See Pg. 4-5)**

**Introducing
PVHS
Players of
the Week**
Page 7

**McAlpin
Strives
towards
Eagle Scout**
Page 3

**Riley, Morton
announce AP
progress from-
Clay/Chalkville
High School** Page 3

The Pinson Clay Times

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A Family Owned Business • September 3, 2009 • Yesterday, Today and Tomorrow's News

Government

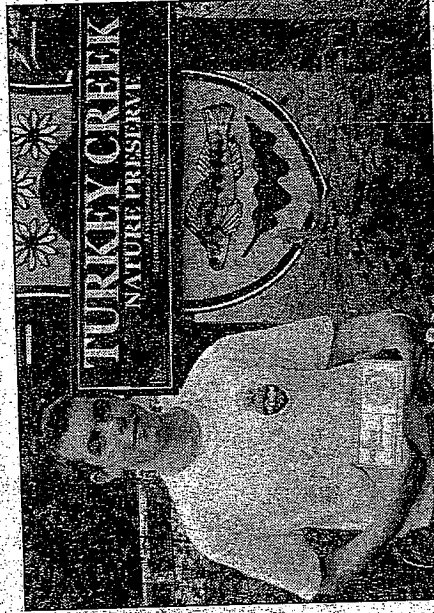
McAlpin continues push towards Eagle Scout

By Cathy Leslie

Clay McAlpin has within a few weeks earned the funds needed to purchase the markers for the storm drains in Pinson. All of them!! According to his mom Pamela McAlpin who also said he will still have the fund-raisers for other items needed for the project and for lunch for the crews the day of the project. But the bulk for the markers is in and the markers have been ordered through the SWMA.

Any funds over and above what he needs will be donated to Turkey Creek Nature Preserve Education Center. She said, "It has been nothing short of a miracle!!"

McAlpin will be on hand at the Alabama Butter Bean Festival taking do-



nations to complete the project. Turkey Creek T-shirts (as sported above) will be available to purchase. Proceeds will go towards the Education Center at Turkey Creek.

2 PAGES

The East News

Covering Eastern Birmingham, Center Point, Clay, Trussville, Pinson, Irondale, Leeds, Moody, Springville
and other east Jefferson County communities

The Birmingham News

Wednesday • September 30, 2009 • Section NE

val.com

PINSON

Teen raises money to mark storm drains for Scout project

By DANA JAFFE
News staff writer

Fifteen-year-old Clay McAlpin has grown up going to Turkey Creek Nature Preserve with his family and Boy Scout troop.

And now for his Eagle Scout project, he has decided to take on something that he hopes will lead to a promising future for watercress and vermilion darters, two endangered species that call the park their home.

McAlpin, a 10th-grader at Jefferson Christian Academy in Irondale and member of Boy Scout Troop 11 in Center Point, had a goal to raise money to buy enough custom-designed vinyl markers to place on almost every storm drain in Pinson.

The markers are little reminders to raise public awareness about the importance of keeping pollution and debris from entering storm drain systems and emptying into local waterways. In Pinson, they drain directly into Turkey Creek.

See SCOUT | Page 5NE



Eagle Scout candidate Clay McAlpin is trying to mark almost every storm drain in Pinson with one of these custom-designed vinyl markers to help raise awareness of storm drain pollution.

SPECIAL

SCOUT: Volunteers to mark drains

From Page 1NE

He is not only buying the markers, but is coordinating an event Oct. 10, when 50-plus volunteers are expected to help place the markers throughout Pinson.

Earlier this summer, the Storm Water Management Authority provided Pinson with funds for 150 markers as part of its educational program with the city. In the past few months, McAlpin has collected nearly \$2,500, enough to purchase stickers for an additional 265 storm drains throughout Pinson.

"He wants to pay it forward to help this fish that can't help itself," said Hana Burwinkle, education training coordinator from SWMA. "Clay said to me, 'It would be awful if I didn't mark the one drain where the pollution entered, and I could have saved the life of that fish.'"

McAlpin's goal is to help reduce litter like yard debris, oil and fertilizer from entering the storm drain system with the rain water. That will mean improved water quality and make better habitats for Turkey Creek's wildlife, especially the vermilion darter, which is unique to the stream.

"I'm passionate about Turkey Creek because there are not a whole lot of things that put Alabama, and for that matter, a small town like Pinson, on the map," McAlpin said. "Not only is this fish native to Alabama, but Turkey Creek is the only place you can find it in the world, and if we want to keep it here, there will be work required."

This summer, McAlpin started working with Burwinkle on the project. He has spent the past two months putting about 20 to 30 hours a week into it, the majority of the time working closely with Burwinkle and Taylor Steele, education manager at Turkey Creek Nature Preserve.

Preparation has included identifying storm drain locations, dividing the areas for volunteer teams and providing detailed maps of the storm drains and placement instructions for the markers.

In seeking donations, McAlpin has sacked groceries for tips with friends at the Pinson Winn-Dixie, set up a booth at the Alabama Butterbean Festival, presented his project to civic

clubs and the Pinson City Council and distributed letters, fliers and brochures about the cause to nearby residents and businesses.

Something about him

Burwinkle said she often works with Boy Scouts and potential Eagle Scouts, but McAlpin's project has by far been the largest one.

"It has now grown into a citywide project," Burwinkle said. "When I first met him, I knew there was something special about him and his energy, desire and ambitions. He had high goals; he was the one who convinced me it could all be done."

Clay's mom, Pam McAlpin, said the project quickly took on a life of its own but that she was not surprised as he is typically an overachiever. "I wish I had this much focus at his age," she said. "The thing that struck me the most is he gave up playing football this season to get this project done. He said, 'Otherwise, I cannot devote the time to this project and my troop that I want to. I need to get this done, and football will be there next year. It blew his dad and me away.'"

Clay McAlpin said he has made enough to buy the markers and exceeded his fundraising goal. He's still seeking donations to cover lunch and gas for volunteers

and materials to clean up around the storm drains.

He plans to put any extra donations he has after the event toward the Turkey Creek Education Center.

"He just that kind of kid. He thinks about the bigger picture," Steele said.

Volunteers can meet and register on Oct. 10 at 8:30 a.m. at the Pinson Community Center on Dry Creek Road. To kick off the event, Pinson city officials are

scheduled to place the first stickers on storm drains in the Winn-Dixie parking lot at 9 a.m. From there, volunteers will go off with assigned groups to complete the markings and reconvene at the Pinson Community Center for refreshments and lunch.

For more information, call Pinson City Hall at 680-5556.

E-MAIL: djarfe@bhamnews.com

F. Clean Sweep Report

Intra-Office Memo Clean Sweep Program Nine Month Report

Dear Sir;

The following report is a total number of bags broken down by month from the beginning of the program. The results are slightly skewed due to the 72 day layoff and various clients failing the program and court removals, sickness, and zeroed out months. There were approximately eleven dated zeroes and new clients that have not come due to work. The assignments began on April 1, 2009 until the present.

	April 09	May 09	June 09	July 09	Aug. 09	Sept. 09	Oct. 09	Nov. 09	Dec. 09
Assigned 7 plus 11 inactive clients	9	19	13	11	2	5	2	0	= 79
Bags 78	55	126	112	78	5	15	4	0	= 473

Respectfully submitted,

John A. Dipiazza Sr.
John A. Dipiazza Sr.

Diclemente, Lyn

From: Dipiazza, John
Sent: Friday, December 18, 2009 10:20 AM
To: Diclemente, Lyn
Subject: FW: clean sweep

74 miles between beginning 04/01/2009 and 09/30/09..6 months

-----Original Message-----

From: Dipiazza, John
Sent: Friday, December 18, 2009 7:58 AM
To: Diclemente, Lyn
Subject: RE: clean sweep

The mileage reported is more estimate than valid because of the layoff, clients dropping out of the program due to illness etc. The 165 is for the entire program.

-----Original Message-----

From: Diclemente, Lyn
Sent: Thursday, December 17, 2009 3:40 PM
To: Dipiazza, John
Cc: Gillian, David
Subject: clean sweep

Hi John. I need to verify that the 165 roadway miles reported cleaned in the clean sweep program was for the time period Oct 1, 2008 through Sept 30, 2009. Or, is this the number of miles cleaned from the start of the program to date? The reason I need to know is that our annual report is only for the above time period, so I will need to report only those miles cleaned during that time. Thank you. Lyn

Lyn DiClemente Boyer
Education and Training Manager
Land Planning & Development Services
205.325.8741

\$133,000 in grants to boost community health

The Jefferson County Department of Health and the Community Foundation recently made \$133,000 in grants to nine agencies. These grants from the JDCH Public Health Fund of the Community Foundation are the first directed to **support the work of the Health Action Partnership, a coalition of some 60 agencies** led by JCDH and using *Our Community Roadmap to Health* as a blueprint to improve health for Jefferson County residents.

Current grants fall into two main categories.

Targeted on a specific geographic area: \$83,000 to four projects in Eastern Birmingham (East Lake and Roebuck) as a way to improve results in this geographic area and provide a model for use in other communities across Jefferson County. This area was chosen, in part, to highlight JCDH Eastern Health Center as a community resource. Grantees will work together to improve community health with the following projects:

- **Promoting Empowerment and Enrichment Resources, Inc. (P.E.E.R., Inc.)**, based out of East Lake Methodist Church and operating the East Lake Farmers Market, **\$20,000**, to expand health services offered at the Farmers Market, partner with churches to create community gardens and provide baskets of fresh foods to area daycares and senior centers.
- **Ruffner Mountain Nature Center, \$17,530**, to provide free field trips to elementary and middle school students, teachers and chaperones of seven local schools, to enhance active living and promote Ruffner Mountain as a community resource.
- **Northeast YMCA, \$21,070**, to start a neighborhood walking program, providing opportunities for active living and empowering community residents as walk leaders, and to provide a nationally-recognized support model for African-American diabetics in the community.
- **Main Street Birmingham, \$25,000**, to conduct a feasibility study to develop a locally-integrated food economy and a public market to spur economic development, building on the East Lake Farmers Market and other community efforts.

General projects throughout Jefferson County: \$50,000 to six projects supporting the goals of the Health Action Partnership throughout Jefferson County:

- **Jefferson County Land Development**, a department of Jefferson County government responsible for policies and regulations enforcing land use and development, **\$2,000**, to provide supplies for the Clean Sweep Program, in which probationers are assigned sections of roadsides to pick up litter.
- **Jones Valley Urban Farm**, in collaboration with the Jefferson County Childhood Obesity Task Force, **\$14,000**, to develop social marketing strategies to promote healthy eating and active lifestyles among children at risk of childhood obesity.
- **Lakeshore Foundation, \$2,000** to support an inaugural Health and Wellness Expo providing area residents with free access to a range of community fitness and health resources.
- **Main Street Birmingham, \$10,000** as matching funds to convert a vacant North Birmingham lot into an EcoScape, a gateway to the commercial revitalization district, a therapeutic green space for senior citizens and an outdoor classroom.
- **Media for Health, \$7,000** to pilot a Spanish language health promotion radio drama in Jefferson County.
- **UAB School of Public Health, \$15,000** to build the infrastructure of the Birmingham Atlas of Health Outcomes as a resource for understanding and having an impact on community

health and the social behaviors that affect health.

To find out more about Health Action Partnership or these grants, contact Webb Lyons by e-mail or at 327-3817.



<http://foundationbirmingham.org/lu.cfm?lu=626>

12/15/2009

Clean Sweep Program
General Information

1. Funding is being drawn from for vests and garbage bags
2. Provide community service for "probations".
3. Clean litter from roadways in Jefferson County
4. Create a giant bmp to help protect and improve our water quality
5. This program originated from the commission but is in existence via Judge Vowell approving of same, thus a cooperation between the court and the County.
6. Participants are offered the program within their sentence thereby reducing their fines and or incarceration. The probationer is assigned a date to attend a safety class for guidance. They then are assigned an approximate mile of Jefferson County roadway to clean, bag and report to L. P. & D. S. which is inspected by John A. Dipiazza Sr. He then loads the bags to be carried to the dump. The data of how many bags, location, and date of service are entered in the data base month by month until the court target date is reached. This information is reported to the Judge at that time.
7. The number as of this date is eighty-two participants that have finished or are still going through the program.
8. See attached.. John A. Dipiazza Sr. conducts the training classes.
9. Assignments are for the most part within unincorporated Jefferson County. Occasionally sections of road through cities are also assigned with the cities picking up the bags in their jurisdictions. Taking into account the number of participants and the average number of repeated cleanups so far, we have had approximately one hundred and sixty five miles cleaned to date.
10. Four hundred seventy three bags times approximately thirty pounds per bag equaling approximately fourteen thousand one hundred ninety pounds.

Clean Sweep Program – October 1, 2008 – September 30, 2009

1. Program funding:

The Jefferson County Department of Health and the Community Foundation of Greater Birmingham provided a \$2,000 grant to Jefferson County through the Health Action Partnership, a coalition of 60 local agencies. The funding was used to provide supplies for the Clean Sweep Program.

2. Purpose of program:

Provide community service hours for parolees.

Clean litter from roadways in Jefferson County.

Improve water quality.

3. Participants:

Is this a program of the court or Jefferson County?

How does the program work?

Number of participants

4. Training provided:

Copy of materials or information if possible

5. Project area:

Locations of assignments.

Number of miles cleaned.

6. Litter removed:

Number of pounds, bags, or some other measure of litter collected.

**Guidelines for the Assign-A-Highway
Jefferson County Land Development Office
Telephone # 521-7540**

CASE # _____

1. Date assigned _____ / _____ /2_____ thru _____ / _____ /2_____
2. Area Assigned _____
3. Location: _____
4. You will be required to complete your first cleanup by: _____ / _____ /2_____
5. **Each time** you have completed cleaning your assigned area, you are **required** to call the Jefferson County Land Development Office at (205) 521-7540 during office hours (Office Hours: 8:00 A.M. to 4:30 P.M.; Monday through Friday; closed on legal holidays) to report **completion** and the **number** of bags to be picked up. Failure to meet this requirement could result in a violation.
6. You will be required to pick up litter at least, once every month over the entire right of way. a good standard for this is from edge of the road back to the telephone pole ; or from edge of road to the back side of the ditch
7. You will be supplied with trash bags and a safety vest. This safety vest **must** be worn at all times when performing trash pick-up. You are being provided with safety instruction for picking up litter for "Litter Free Jefferson County Highways".
8. Filled trash bags are to be placed eight feet off the highway for pickup by the Jefferson County Roads and Transportation Department of Transportation. Do not place bags in curves of the road, in driveways, or in front of mail boxes.
9. **If you have questions, you may contact the Jefferson County Land Development Office at (205) 521-7540.**

TRASH BAG INSTRUCTIONS

1. You will be issued ¹⁰ ~~25~~ "twenty five" 30 gallon trash bags
2. Bags should be filled but also enough room left to tie the bag in a knot to contain the trash

Safety Instructions

When is the best time of day to pick up litter?

- peak travel times or when traffic is heavy should be avoided ;night and inclement weather should be avoided
- Never pick up litter while under the influence of drugs and/or alcohol

What should I wear to pick up litter?

- Your safety vest is required. Brightly colored clothing and gloves are also advised

Helpful tips while picking up litter.

- Always walk facing traffic
- Take breaks, drink fluids
- Do not pick up litter in the road or close to the edge of the road
- Do not pick up litter in construction or maintenance sites, in tunnels, in medians, or on bridges or overpasses
- Watch for snakes and poisonous weeds
- Do not pick up materials that appear to be hazardous. Contact the Jefferson County Land Development Office at (205) 521-7540 to report any hazardous materials.

- Avoid cell phones use (even Bluetooth) ipod's stereos ,etc... to distract you from your surroundings

CASE # _____

Assumption of Risk by Participant

- Participant assumes all risk of injury while participating in this program and will indemnify and hold harmless Jefferson County and their officers and employees; the Court all its employees and officers ;Jefferson County Commission and its members in any and all injuries sustained or caused by the participant.

I have read and understand the requirements of the Assign-A-Highway Program and my assignment. I have received safety instructions to "Litter Free Jefferson County Highways" which are incorporated herein by reference. I have read and understand the assumption of risk disclaimer; and I have read these instructions and agree to be bound by them while participating in this program and have been afforded the opportunity to ask questions concerning these instructions.

Signature

Date

A.A.H. Representative

Date

G. Community Cleanup

Thank you all for your help!

-----Original Message-----

From: Gillian, David
Sent: Monday, December 21, 2009 1:40 PM
To: Diclemente, Lyn
Subject: FW: Community Clean Up

Wanted to be sure you received this.

J. David Gillian,
Zoning Supervisor

gilliand@iccal.org
Office (205) 521-7540
Cell (205) 919-5555

From: Ameen, Karen
Sent: Monday, December 21, 2009 12:36 PM
To: Gillian, David
Subject: RE: Community Clean Up

Lyn,

Due to me having to relocate my desk several times, and losing documents as a result of preparation to vacate the courthouse during the Administrative leave, I am not able to locate some of the documents from the clean up. I was able to locate the attendance rosters for the following community meetings. However, I have not located the number for the Raimund meeting, however, David Gillian and I estimate the number to be 11.

Sayre,	5 community leaders were in attendance.
Muscoda,	45 residents were in attendance.
Raimund	11 residents were in attendance.
Robinwood,	18 residents were in attendance.

Docena

9 residents were in attendance.

From: Gillian, David
Sent: Monday, December 21, 2009 11:10 AM
To: Diclemente, Lyn; Ameen, Karen
Subject: RE: Community Clean Up

Lyn,

It is probably impossible to get the figures about Sayre from Roads and Transportation but I will try again. I talked to Cecil Calvert but he stated he would have to research and did not know when he could get the information. I have forwarded this to Karen to remind her to check about the other information. Anything else I can do please call on me.

David,

J. David Gillian,

Zoning Supervisor

gilliand@jccal.org
Office (205) 521-7540
Cell (205) 919-5555

From: Diclemente, Lyn
Sent: Monday, December 21, 2009 9:06 AM
To: Gillian, David
Cc: McCullers, Zhaleh
Subject: RE: Community Clean Up
Importance: High

David, I need the Sayre figures asap since we have to complete the annual report today. The information provided for pickups in the other locations was in cubic yards, so it would be helpful if info for Sayre could follow suit. The last piece of info I need for the community cleanups is the education component provided by the JCDH. I know that Karen has tried to get the info: number of people who attended the information session per community, copy of materials handed out by JCDH. If this is available, I need it today.

Thanks for your help.

Lyn

-----Original Message-----

From: Gillian, David
Sent: Thursday, December 17, 2009 10:33 AM
To: Diclemente, Lyn
Cc: McCullers, Zhaleh
Subject: RE: Community Clean Up

Lyn,

I have highlighted the corrections in blue and will get the final figures for Sayre asap. The community cleanups will be a continuing program but for now everything is on hold.

David Gillian,

Zoning Supervisor

office (205)521-7541

Cell (205)919-5555

From: Diclemente, Lyn
Sent: Thursday, December 17, 2009 9:06 AM
To: Gillian, David
Cc: McCullers, Zhaleh
Subject: RE: Community Clean Up

David, thanks very much for the update on the community clean up numbers. If the Sayre project occurred in September 2008, it will not be included in this annual report which reports activities Oct 1 2008 – September 30 2009. Is that September 2008 date for Sayre confirmed?

I also need a date for the Muscoda project. (The original info we received on Muscoda was that the project was still in progress – if

that's the case, did it begin prior to September 30, 2009? And what month did it start?) Thank you. Lyn

Community Date of Project	Tonnage Removed
Docena August 2009	1,100 cubic yards
Muscoda April 2009 same dates as Raimund	313 cubic yards
Raimund April 2009	174.26 cubic yards
Robinwood June 2009	899 cubic yards
Sayre October 2008	? cubic yards

-----Original Message-----

From: Gillian, David

Sent: Thursday, December 17, 2009 8:26 AM

To: McCullers, Zhaleh; Diclemente, Lyn

Subject: FW: Community Clean Up

FYI

David Gillian,

Zoning Supervisor

office (205)521-7541

Cell (205)919-5555

From: Calvert, Cecil
Sent: Wednesday, December 16, 2009 3:10 PM
To: Gillian, David; Corley, Jeff
Subject: Re: Community Clean Up

The total cu yds removed from the robinwood community clean up was 899. I am unable today to get the report for the sayre community clean up. I will get it as soon as it becomes available and send it to you. Feel free to call if you have questions.

Cecil Calvert
District Maintenance and Construction Superintendent

Roads and Transportation (Ketona)
205/849-2321

Sent using my Blackberry Handheld Wireless

From: Gillian, David
To: Calvert, Cecil
Sent: Tue Dec 15 10:17:31 2009
Subject: RE: Community Clean Up

Yes, I think you are correct. We just made a typo.

Thanks,

David Gillian,

Zoning Supervisor

office (205)521-7541

Cell (205)919-5555

From: Calvert, Cecil
Sent: Tuesday, December 15, 2009 9:54 AM
To: Gillian, David
Subject: Re: Community Clean Up

I think the date for sayre is incorrect. Should it be September of 08??

Cecil Calvert
District Maintenance and Construction Superintendent

Roads and Transportation (Ketona)
205/849-2321

Sent using my Blackberry Handheld Wireless

From: Gillian, David
To: Calvert, Cecil; Corley, Jeff
Sent: Mon Dec 14 15:17:43 2009
Subject: Community Clean Up

Gentlemen,

As I or Jack Bankston stated to you earlier we are in the process of helping to compile Jefferson County's Annual Report for EPA/ADEM, we need your help, and we need to know the amounts of trash that was picked up in the community clean ups that you helped us with. We would like to have the original tipping sheets or copies if possible. We can use tons, yards or any other measurement that you have. The dates we scheduled for pickup were as attached. We need this information as you can get it to us.

Thank you for your help and if we can be of service just call.

David Gillian,

Zoning Supervisor,

Jefferson County Dept of Land Planning & Development Services

716 Richard Arrington Jr. Blvd. N.

Courthouse Room A-440

Birmingham, Al 35203-0127

Office (205) 521-7541

Cell (205) 919-5555

Community Cleanups October 1, 2008 – September 30, 2009

Cleanups were conducted in the following communities:

Docena - central unincorporated Jefferson County
Muscodá - southwest unincorporated Jefferson County
Raimund - southwest unincorporated Jefferson County
Robinwood - northeast unincorporated Jefferson County
Sayre - northwest unincorporated Jefferson County

The refuse, litter and debris collected was divided into three major groups:

1. Garbage, trash, junk, and tires.
2. Construction debris, wood, lumber
3. Limbs

The following amounts were collected and removed from the communities:

Community	Tonnage Removed	Date of Project
Docena	1,100 cubic yards	August 2009
Muscodá	313 cubic yards	April 2009
Raimund	174 cubic yards	April 2009
Robinwood	899 cubic yards	June 2009
Sayre	information not available	October 2008

TOTAL – 2,486+ cubic yards removed

The following number of people attended educational community meetings prior to the Community Cleanups:

Docena	9 residents
Muscodá	45 residents
Raimund	11 residents (estimate)
Robinwood	18 residents
Sayre	5 residents

TOTAL - 68 residents (approximate)

Diclemente, Lyn

From: Gillian, David
Sent: Thursday, December 17, 2009 10:33 AM
To: Diclemente, Lyn
Cc: McCullers, Zhaleh
Subject: RE: Community Clean Up

Lyn,

I have highlighted the corrections in blue and will get the final figures for Sayre asap. The community cleanups will be a continuing program but for now everything is on hold.

David Gillian,

Zoning Supervisor

office (205)521-7541

Cell (205)919-5555

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Sent: Thursday, December 17, 2009 9:06 AM
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Community

Tonnage Removed

Date of Project

12/17/2009

Docena	1,100 cubic yards	August 2009
Muscoda	313 cubic yards	April 2009 same dates as
Raimund		
Raimund	174.26 cubic yards	April 2009
Robinwood	899 cubic yards	June 2009
Sayre	? cubic yards	October 2008

2,486

1100
 313
 174
 899

 2,486 CU-yds.

-----Original Message-----

From: Gillian, David
Sent: Thursday, December 17, 2009 8:26 AM
To: McCullers, Zhaleh; Diclemente, Lyn
Subject: FW: Community Clean Up

FYI

David Gillian,

Zoning Supervisor

office (205)521-7541

Cell (205)919-5555

From: Calvert, Cecil
Sent: Wednesday, December 16, 2009 3:10 PM
To: Gillian, David; Corley, Jeff
Subject: Re: Community Clean Up

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Cecil Calvert

District Maintenance and Construction Superintendent

Roads and Transportation (Ketona)
205/849-2321

Sent using my Blackberry Handheld Wireless

From: Gillian, David
To: Calvert, Cecil
Sent: Tue Dec 15 10:17:31 2009
Subject: RE: Community Clean Up

Yes, I think you are correct. We just made a typo.

Thanks,

David Gillian,

Zoning Supervisor

office (205)521-7541

Cell (205)919-5555

From: Calvert, Cecil
Sent: Tuesday, December 15, 2009 9:54 AM
To: Gillian, David
Subject: Re: Community Clean Up

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Cecil Calvert
District Maintenance and Construction Superintendent

Roads and Transportation (Ketona)
205/849-2321

Sent using my Blackberry Handheld Wireless

From: Gillian, David
To: Calvert, Cecil; Corley, Jeff
Sent: Mon Dec 14 15:17:43 2009
Subject: Community Clean Up

Gentlemen,

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David Gillian,

Zoning Supervisor,

Jefferson County Dept of Land Planning & Development Services

716 Richard Arrington Jr. Blvd. N.

Courthouse Room A-440

Birmingham, Al 35203-0127

Office (205) 521-7541

Cell (205) 919-5555

Diclemente, Lyn

From: Gillian, David
Sent: Thursday, December 17, 2009 8:27 AM
To: McCullers, Zhaleh; Diclemente, Lyn
Subject: FW: Community Clean Up

FYI

David Gillian,

Zoning Supervisor

office (205)521-7541

Cell (205)919-5555

From: Corley, Jeff
Sent: Wednesday, December 16, 2009 3:48 PM
To: Gillian, David
Cc: Calvert, Cecil; Sullivan, Wayne
Subject: RE: Community Clean Up

The Docena Community clean up produced 1,100 cubic yards of debris, the Raimund cleanup produced 174.26 cubic yards and the Muscoda clean up produced 313.00 cubic yards. The total for all three is 1,587.26 cubic yards.

Thanks,

William J. Corley

Superintendent
Jefferson County
Roads & Transportation Dept.
Bessemer Highway Division
(205) 481-4228
corleyj@jccal.org

From: Gillian, David
Sent: Monday, December 14, 2009 3:18 PM
To: Calvert, Cecil; Corley, Jeff
Subject: Community Clean Up

Gentlemen,

As I or Jack Bankston stated to you earlier we are in the process of helping to compile Jefferson County's Annual Report for EPA/ADEM, we need your help, and we need to know the amounts of trash that was picked up in the community clean ups that you helped us with. We would like to have the original tipping sheets or copies if possible. We can use tons, yards or any other measurement that you have. The dates we scheduled for pickup were as attached. We need this information as you can get it to us.

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Jefferson County Dept of Land Planning & Development Services

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Courthouse Room A-440

Birmingham, Al 35203-0127

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Cell (205) 919-5555

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Sent: Thursday, December 17, 2009 8:26 AM
To: McCullers, Zhaleh; Diclemente, Lyn
Subject: FW: Community Clean Up

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Cell (205)919-5555

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District Maintenance and Construction Superintendant

Roads and Transportation (Ketona)
205/849-2321

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District Maintenance and Construction Superintendent

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Zoning Supervisor,

Jefferson County Dept of Land Planning & Development Services

716 Richard Arrington Jr. Blvd. N.

Courthouse Room A-440

Birmingham, Al 35203-0127

Office (205) 521-7541

Cell (205) 919-5555

H. EMA Spill Response Report

Run #	Date	Incident	Amount	Address	Zip	Duty Officer
09-001	10/04/08	Gasoline	20 gallons	4101 41st Street S	35222	Michael Harter
09-002	10/06/08	Oil Spill	9 gallons	31st St & Richard Arrington	35203	Horace Walker
09-003	10/10/08	Oil Spill	10 gallons	2649 Old Rocky Ridge Rd	35216	Annette Davis
09-004	10/15/08	Gasoline	50 gallons	3020 12th Avenue N	35234	Bob Ammons
09-005	10/20/08	Diesel Fuel	80 gallons	4500 Birmingham St	35217	Annette Davis
09-006	11/10/08	Sewage Spill	50 gallons	570 Southland Dr	35226	Annette Davis
09-007	11/11/08	Diesel Fuel	20 gallons	I-59 NB @ Arkadelphia Rd	35204	Annette Davis
09-008	11/26/08	Unknown Substance	N/A	1190 Walker Chapel Rd	35068	Don Roybal
09-009	11/26/08	Hydraulic Fluid	40 gallons	800 University Park Place	35209	Michael Harter
09-010	12/04/08	Hydraulic Fluid	8 gallons	10th Av N @ 39th St	35234	Annette Davis
09-011	12/08/08	Gasoline	4 gallons	1561 Allison Bonnett Memorial Dr	35023	Annette Davis
09-012	12/17/08	Diesel Fuel	60 gallons	I-59 NB @ MM 131	35212	Michael Harter
09-013	12/19/08	Gas/Diesel Fuel	2 gallons	2316 Morgan Rd	35022	Michael Harter
09-014	01/05/09	Unknown Substance	N/A	5th & Broad St	35068	Horace Walker
09-015	01/09/09	Gasoline	1500 gallons	924 31st St N	35203	Don Roybal
09-016	01/14/09	Oil Spill	15 gallons	I-459 NB @ I-65	35216	Don Roybal
09-017	01/15/09	Gasoline	15 gallons	81 Odem Rd	35071	Don Roybal
09-018	01/22/09	Water Line Broken	N/A	Aaron Aronov Blvd @ MLK Dr	35064	Annette Davis
09-019	01/29/09	Possible PCP Spill (Transformer Oil)	N/A	2331 Bessemer Rd	35208	Horace Walker
09-020	01/30/09	Diesel Fuel	10 gallons	Old Hwy 31 @ Cross Creek	35116	Bob Ammons
09-021	02/02/09	Unknown Substance	N/A	112 West Park Dr	35211	Horace Walker
09-022	02/03/09	Diesel Fuel	25 gallons	1700 Tallapoosa St	35234	Horace Walker
09-023	02/13/09	Fire: Trash	N/A	6800 Blueberry Rd	35006	Don Roybal
09-024	02/24/09	Gasoline	15 gallons	6598 Warrior River Rd	35023	Don Roybal
09-025	02/26/09	Transformer Oil on Water	5-10 gallons	Maryland Av @ Elder St	35210	Annette Davis
09-026	02/27/09	Gasoline	1-2 gallons	I-59 N @ 1st Av N	35206	Annette Davis
09-027	03/04/09	Diesel Fuel	40 gallons	I-59 N @ Exit 141	35235	Michael Harter
09-028	03/09/09	Gasoline	7-10 gallons	12th Av N @ 22nd St N	35234	Horace Walker
09-029	03/09/09	Transformer Oil	1 gallon	14th Av S @ 23 Pl S	35205	Horace Walker
09-030	03/19/09	Unknown Substance	N/A	Thomas Av	35217	Michael Harter
09-031	03/21/09	Gasoline	100 gallons	1562 Tuscaloosa Av	35211	Michael Harter
09-032	03/23/09	Bomb Threat	N/A	Jefferson County Courthouse	35203	Michael Harter
09-033	03/25/09	Mercury Spill	1 oz	Gardendale High School	35071	Horace Walker
09-034	03/26/09	Diesel Fuel	80 gallons	I-65 SB @ MM 259b	35233	Michael Harter
09-035	04/01/09	Strong Fuel Odor	N/A	1275 Center Point Pkwy	35215	Annette Davis
09-036	04/03/09	Ethylene Glycol	20 gallons	Rutledge Dr @ Allison Bonnett	35228	Annette Davis
09-037	04/08/09	Diesel Fuel	60 gallons	13th St @ 1200 Roberts Industrial	35208	Bob Ammons

09-038	04/08/09	Diesel Fuel	50 gallons	Commerce Av @ 36th St	35064	Michael Harter
09-039	04/10/09	Diesel Fuel	30 gallons	Hwy 78 @ Finley Blvd	35214	Horace Walker
09-040	04/16/09	Meth Lab	N/A	2328 Morris Majestic Rd	35116	Horace Walker
09-041	04/17/09	Diesel Fuel	75 gallons	I-59 NB @ Exit 129	35212	Horace Walker
09-042	04/19/09	Isopropanol	Unknown	2800 Seaboard Rd	35217	Horace Walker
09-043	04/20/09	Anti-Freeze	5 gallons	I-59 SB @ Elton B Stephens Pkwy	35203	Horace Walker
09-044	04/20/09	Motor Oil	10 gallons	I-59 SB @ MM 142	35173	Michael Harter
09-045	04/21/09	Potassium Pilognate	5 gal drum	4955 Palos Rd	35062	Horace Walker
09-046	04/28/09	Unknown Substance (possible tear gas)	N/A	901 28th St N	35203	Michael Harter
09-047	05/15/09	Oil Spill	8 gallons	1500 Georgia Rd	35210	Annette Davis
09-048	05/15/09	Allergic Reactions	N/A	4526 Rudd School Rd	35126	Annette Davis
09-049	05/27/09	Diesel Fuel	50 gallons	I-65 NB @ MM 282	35180	Don Roybal
09-050	05/28/09	Abandoned Fuel Tank	N/A	Mt. Olive Rd @ Main St	35071	Don Roybal
09-051	06/08/09	3 - Syringes	N/A	20th St @ 2nd & 3rd Av N	35203	Don Roybal
09-052	06/09/09	Diesel Fuel	20 gallons	I-65 NB @ MM 273	35071	Don Roybal
09-053	06/10/09	Escaped Prisoners	N/A	535 Bristol Ln	35226	Annette Davis
09-054	06/16/09	Diesel Fuel	130 gallons	170 Cleage Rd	35215	Michael Harter
09-055	07/01/09	Transmission Fluid / Gasoline	30 gallons	I-59 NB @ Exit 126B	35203	Bob Ammons
09-056	07/05/09	Diesel Fuel	100 gallons	Three Church St	35213	Don Roybal
09-057	07/06/09	Gasoline	20 gallons	7210 2nd Av S	35206	Don Roybal
09-058	07/07/09	Oil Spill	2 gallons	I-59 SB @ MM 104	35020	Don Roybal
09-059	07/10/09	Diesel Fuel	50 gallons	400 Industrial Dr	35211	Michael Harter
09-060	07/24/09	Transmission Fluid / Diesel	2 / 5 gallons	I-65 SB @ MM 271	35071	Horace Walker
09-061	07/26/09	Anhydrous Ammonia	N/A	Norfolk Southern RR	35210	Horace Walker
09-062	07/24/09	Diesel Fuel	30 gallons	Elton B Stephens Pkwy	35209	Don Roybal
09-063	08/26/09	Bromide Salt (contained in truck)	1 pint	2620 13th St W	35208	Horace Walker
09-064	09/10/09	Driveway Cleaner	1/2 gallon	4995 Hwy 280	35242	Don Roybal
09-065	09/15/09	Gasoline	10 gallons	5528 Eastern Valley	35111	Michael Harter
09-066	09/15/09	AV Gas	8 gallons	Birmingham Airport	35206	Michael Harter

I. Floodplain Development Permits

FLOODPLAIN DEVELOPMENT PERMITS & NO-RISE CERTIFICATES

PERMIT NUMBER	DATE	PARCEL I.D. #	ADDRESS	PROJECT
FP-2008-09-001	9-3-08	16-14-0-000-010.000	6025 TL Red Hill Rd Dora, AL 35062	New Comm. Tower for Clearlink
FP-2008-09-002	9-16-08	19-31-0-000-007.000	920 Shorttown Rd U1 Hueytown, AL 35023	New Well Pad for Saga Petroleum
FP-2008-09-003	9-16-08	19-31-0-000-001.001	300 Shorttown Branch Rd U1 Hueytown, AL 35023	New Well Pad for Saga Petroleum
FP-2008-10-001	10-1-08	19-25-0-000-002.000	800 Alliance Short Creek Rd U1 Hueytown, AL 35023	New Well Pad for El Paso Exp. Company
FP-2008-10-002	10-13-08	30-29-4-000-002.000	3360 Davey Allison Blvd Hueytown, AL 35023	New warehouse, building for Western Steel
FP-2008-10-002	10-17-08	24-36-4-000-005.000	2406 U1 Eastern Valley Rd Leeds, AL 35094	Storage Barn for John McGowan
FP-2008-10-003	10-17-08	32-24-0-010.001	8124 Lock 17 Road Bessemer, AL 35023	New M.H. for Joey Prestage
FP-2008-11-001	11-3-08	9-2-1-009-005.001	8829 Emerald Lake Dr. W Pinson, AL 35126	New Corport for Jan Loomis
FP-2008-11-002	11-5-08	9-30-2-000-029.001	6812 US-49 Hwy 79 Pinson, AL 35126	Mini Storage Warehouse for Pinson Valley Self Storage
FP-2008-11-003	11-7-08	32-10-0-000-008.000	812 Toddvine Rd Bessemer, AL 35023	New Home for Cameron Ray
FP-2008-11-004	11-12-08	31-29-0-000-001.000	6800 15th Street Rd U5 Bessemer, AL 35023	New Well Pad for Saga Petroleum
FP-2008-11-005	11-19-08	37-17-0-000-001.000	7148 Parsons Lake Rd Adger, AL 35006	New Home for Jeff Totherson
FP-2008-12-001	12-01-08	36-26-0-000-019.000	5470 Leads - Uptain Rd Adger, AL 35006	Well Pad for BWM
FP-2008-12-002	12-01-08	42-28-2-000-003.000	7948 Blackie Curran Rd Bessemer, AL 35022	New garage apt. for Tammy Nelson
FP-2008-12-003	12-29-08	9-31-3-004-009.002	4156 Main St. Pinson, AL 35126	Addition to Existing Out Bld for Bill Mikell

FLOODPLAIN DEVELOPMENT PERMITS & NO-RISE CERTIFICATES

PERMIT NUMBER	DATE	PARCEL I.D. #	ADDRESS	PROJECT
FP-2009-01-001	1-5-09	36-34-0-000-001.003	9646 Weiffer Sumpter Rd Adger, AL 35066	New Home for John Sarkis
FP-2009-01-002	1-23-09	32-09-0-000-001.000	9154 Old Mill Lane Hueytown, AL 35023	New Home for Ralph Corley
FP-2009-01-003	1-29-09	43-01-1-000-007.000	6090 Maxfield Rd McCalla, AL 35111	Detached Building for John Moore
FP-2009-02-001	2-5-09	43-27-2-000-004.000	8216 Russell Drive McCalla, AL 35111	New Home for Thomas Lucas
FP-2009-02-002	2-11-09	10-16-4-000-007.000	7653 Echo Lake Lane Trussville, AL 35173	Home for Ned & Kim West
FP-2009-02-003	2-13-09	19-16-0-000-045.000	1602 Beaver Point Ln Opuntia, AL 35006	Home Addition for John Huey
FP-2009-02-004	2-26-09	43-28-1-0-001.003	6636 Eggers Valley Rd McCalla, AL 35111	Storage Building for Robert Coleman
FP-2009-02-005	2-27-09	37-29-0-000-001.000	5301 Blue Creek Rd U.S. Bessemer, AL 35023	Gas Well for Saga Petroleum
FP-2009-02-006	2-27-09	37-29-0-000-001.000	5301 Blue Creek Rd U.S. Bessemer, AL 35023	Gas Well for Saga Petroleum
FP-2009-03-001	3-12-09	9-10-3-000-005.010	5555 Miles Spring Rd Palmersdale, AL 35126	New Mobile Home for Rickey Casey
FP-2009-03-002	3-18-09	9-11-4-000-020.000	8133 Emerald Lake Dr. West Pinson, AL 35126	New Storage Building for Charles Jones
FP-2009-03-003	3-24-09	9-15-2-000-006.002	5565 South Field Rd South Pinson, AL 35126	New Garage for Gary Reeves
FP-2009-03-004	3-26-09	12-20-3-003-025.000	814 Earline Street Birmingham, AL 35215	Interior Work for Prince Henderson
FP-2009-03-005	3-30-09	37-29-0-000-001.000	5301-T1 Blue Creek Rd Bessemer, AL 35023	New Cell Tower for Verizon Wireless
FP-2009-04-001	4-2-09	12-20-3-003-026.000	816 Earline Street Birmingham, AL 35215	Interior Work for Prince Henderson

FLOODPLAIN DEVELOPMENT PERMITS & NO-RISE CERTIFICATES

PERMIT NUMBER	DATE	PARCEL I.D. #	ADDRESS	PROJECT
FP-2009-04-002	4-3-09	19-17-0-000-013.000	133 Riverview Drive Bessemer, AL 35023	New Home. For Roy Adkins
FP-2009-05-001	5-4-09	6-14-0-000-001.001	2509 Gloyers Bend Rd Gardendale, AL 35071	Coal Mine operation For William Cousins
FP-2009-05-002	5-8-09	12-20-4-002-011.000	1640 Westridge Dr. Birmingham, AL 35235	Interior Work (House) For Laura Masters
FP-2009-05-003	5-26-09	33-09-0-000-001.003	557 Woodhen Lane Adger, AL 35006	Manufactured Home For Lloyd Goggins
FP-2009-05-004	5-26-09	32-24-0-000-009.000	811 Lock 17 Road Bessemer, AL 35023	Home Addition For Mike Custred
FP-2009-05-005	5-26-09	16-21-1-000-026.000	4250 Porter Rd U2-14 Quinton, AL 35130	Expansion For Miller Steam Plant
FP-2009-06-001	6-4-09	08-02-3-000-007.000	8660 Brusher Rd Pinson, AL 35126	Manufactured Home For David Faycett
FP-2009-06-002	6-9-09	09-01-2-000-009.001	8780 Emerald Lake Dr. East Pinson, AL 35126	New Home For John Mayer
FP-2009-06-003	6-17-09	15-4-0-000-036.000	5680 Old Jasper Hwy Grysnite, AL 35073	Manufactured Home For Walt Waldrop
FP-2009-06-004	6-25-09	13-10-1-002-011.000	2827 Potts Hollow Rd Birmingham, AL 35126	Manufactured Home For Rick Cole
FP-2009-07-001	7-2-09	12-20-4-001-001.000	1721 WESTRIDGE DR. BHAM 35235	RE-ROOFING AN EXISTING S-F RESIDENCE
FP-2009-07-002	7-15-09	12-01-4-000-002.001	5715 U1 Trussville-Clay Rd Trussville, AL 35173	New Classroom Trailer For Sherwood Church of God Inc.
FP-2009-07-003	7-21-09	18-26-0-000-025.000	751 Carl Drive Adger, AL 35006	Interior Work For Larry Esco
FP-2009-07-004	7-22-09	10-16-2-000-008.000	7989 Echo Lake Ln Trussville, AL 35173	Interior Work For Stephen Collins
FP-2009-08-001	8-26-09	19-19-0-002-008.000	107 Near Nothing Rd Bessemer, AL 35023	Manufactured Home For Greta Lacy

