City of Washington, Missouri
Stormwater Management Plan

Form M – Items 5 Through 10

5. SUMMARIZE THE MEASURES FROM THE SWMP THAT WILL BE USED FOR PUBLIC EDUCATION AND OUTREACH:
   - Establish/Maintain stormwater program website
   - Advertise Stream Clean-up Programs
   - Advertise Stormwater Management Plan
   - Establish Stormwater Brochure Distribution Program
   - Establish Stormwater Concerns Monitoring Program
   - Target One area of education each year of the program
   - Establish Pet Waste Sign Program

6. SUMMARIZE THE MEASURES FROM THE SWMP THAT WILL BE USED FOR PUBLIC INVOLVEMENT AND PARTICIPATION:
   - Develop survey for residents – Gage interest and awareness of storm water management and pollution awareness
   - Distribute survey to residents
   - Solicit public input concerning illicit connection/dumping activities
   - Develop and implement Stream Monitoring/Clean-up Program
   - Conduct community clean-up activities
   - Solicit input/comment annually at City Council meeting

7. SUMMARIZE THE MEASURES FROM THE SWMP THAT WILL BE USED FOR ILLICIT DISCHARGE DETECTION AND ELIMINATION:
   - Update Storm Sewer Map to reflect accurate information
   - Conduct and document survey to identify illicit discharge, to include dry weather field inspections, smoke/dye testing, video, manhole inspections
   - Solicit public assistance
   - Develop plan to resolve identified problems
   - Enforce City Codes pertaining to illicit discharges

8. SUMMARIZE THE MEASURES FROM THE SWMP THAT WILL BE USED FOR CONSTRUCTION SITE STORM WATER RUNOFF CONTROL:
   - Site Plan review
   - Develop/Enforce proper City Codes
   - Develop/Enforce Inspection Program
   - Conduct Training/Education activities

9. SUMMARIZE THE MEASURES FROM THE SWMP THAT WILL BE USED FOR POST CONSTRUCTION STORM WATER MANAGEMENT:
   - Establish and enforce codes for post-construction stormwater management
   - Establish program to educate staff concerning both structural and non-structural BMP's and LID's
   - Develop/Implement Post-Construction Inspection Program
   - Establish fund source and responsibilities for stormwater management infrastructure
   - Proper regulation of development in flood risk areas

10. SUMMARIZE THE MEASURES FROM THE SWMP THAT WILL BE USED FOR POLLUTION PREVENTION AND GOOD HOUSEKEEPING:
   - The City will review/develop pollution prevention plans for City facilities such as the public work garage, train City Staff on proper pollution prevention and good housekeeping practices, and continue City programs that contribute to pollution prevention.

INTRODUCTION

The City of Washington, Missouri has developed the following Stormwater Management Plan (SWMP) in conjunction with their permit application to discharge under the Missouri State Operating Permit, General Permit MO-R00400 (General Permit), which covers discharge from Regulated Small Municipal Separate Storm Sewer Systems. This SWMP is written to be in compliance with the General Permit and the City reserves the right to alter the SWMP.

The City of Washington encompasses 9.10 square miles (5,824 acres) and its population is 13,982 according to the 2010 Census. The City is drained by 5 main streams, St. Johns Creek, Busch Creek, City Park Creek, Fifth Street Creek and Dubois Creek, which convey stormwater generally north to the Missouri River. The land use is primarily residential with pockets of commercial and industrial development as shown on the attached map.

Washington is proactive in the management of its stormwater. The City currently practices many of the best management practices included in the six minimum control measures. The City's approach to addressing the six minimum control measures is to build on the City's current successful practices as listed below.

MCM # 1 – Public Education and Outreach

Permit Requirement: Washington shall implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Decision Process: The City has well established communication practices with its citizens. Primary means of communication include a website (http://www.ci.washington.mo.us/), the local newspaper, and city Council meetings which are televised. Because the community is accustomed to learning about City activities from these sources, they will be used to provide the required education materials. Information provided in these media will reach well over 50 percent of approximately 6,000 households and businesses in the City.

Primary pollutant sources in the City include the general population and commercial and industrial operations. The focus of the education program will be pollution prevention. The City's education program will help its residents understand the impacts of pollution and how to prevent it from happening.

The measurable goals for the Public Education and Outreach BMPs include the completion of specific tasks. As it is difficult to measure the effectiveness of public education, especially in the early years of implementation, the completion of the proposed SWMP tasks related to public education and outreach provide the City a means to track their progress in developing the programs.

BMPs and Measurable Goals are as indicated in the following matrix.

Minimum Control Measure #1 - Public Education and Outreach			
Measureable Goal -Educate Households, Business, and Developers			
Task	Measurement	Target Impletation	Responsible Individual
Establish/Maintain Stormwater Program Website	Document Website Visits	June-14 and Annual	Keith Farrell
Advertise stream clean-up programs	Presentation at City Council Meeting Television, Radio, Newspaper Article, Website Document number of participants	June-14 and Annual	Keith Farrell
Advertise Stormwater Management Plan	Presentation at City Council Meeting Television, Radio, Newspaper Article, Website Document number of website visits	June-14 and Annual	Keith Farrell
Establish Stormwater brochure distribution program	Monitor number of brochures distributed Document brochures on display in city buildings	June-15 and Annual	Keith Farrell
Establish Stormwater concerns monitoring program	Concerns will be documented along with resolution status	June-15 and Annual	Keith Farrell
Target one area of education each year of the program	Presentation at City Council Meeting Television, Radio, Newspaper Article, Website Document number of website visits	June-14 and Annual	Keith Farrell
Establish pet waste sign program	Document number of signs installed	June-16	Keith Farrell

MCM #2 – Public Participation/Involvement

Permit Requirement: Washington shall implement a public involvement/participation program that complies with State and local public notice requirements.

Decision Process: Washington involves its community primarily through solicitation of citizen input and participation via various media messages.

Volunteer groups in the City have participated in cleanup days in the past. These groups have included homeowners associations, church and school groups, scouts, etc. The City will use these successful programs as a basis to expand participation.

The focus of the participation/involvement program will be to increase participation in established, successful programs. The target audiences will be expanded from the education program to include the development community and businesses.

It is difficult for the City to predict, or accurately evaluate a level of participation in many specific programs or activities related to the Public Participation/Involvement BMPs. Therefore, The City has developed goals that include measurement of the number of activities or events completed.

BMPs and Measurable Goals are as indicated in the following matrix.

Minimum Control Measure #2 - Public Participation/Involvement			
Measureable Goal - Develop Public Involvement/Participation Program			
Task	Measurement	Target Impletation	Responsible Individual
Develop survey for residents - Gage interest and awareness of storm water management and pollution awareness	Survey developed	June-14	Andrea Lueken
Distribute survey to residents	Document number/percent of responses	June-15	Andrea Lueken
Solicit public input concerning illicit connection/dumping activities	Develop Program Educate public Document number of responses Document solicitation methods	June-14 June-15 June-16 June-17	Andrea Lueken
Develop and Implement stream monitoring/clean-up program	Document program development Document number of participants	June-14 June-15	Andrea Lueken
Conduct community clean-up activities. Plan a program to educate and encourage public to participate in City Services of compost/recycling, large appliance disposal, used oil collection, Christmas tree disposal, leaf and limb pickup, Landfill, refuse collection, and special clean-up weeks	Develop Program Document programs conducted and measurement/estimate of quantities collected	June-14 June-15	Andrea Lueken
Solicit input/comment annually at City Council Meeting	Document meeting date and input received	Annual	Andrea Lueken

MCM #3 – Illicit Discharge Detection and Elimination

Permit Requirement: Washington will develop, implement, and enforce a program to detect and eliminate illicit discharge in the MS4. Develop and update a storm sewer system map showing the location of all outlets and the names and location of all waters of the State that receive discharges from the MS4. Prohibit through ordinance, or other regulatory mechanism, non-storm water discharges into the MS4 and implement appropriate enforcement procedures and actions. Develop and implement a plan to detect and address non-stormwater discharges, including illegal dumping, to the MS4. Inform public employees, businesses, and the general public of hazards of illegal discharges and improper disposal of waste. Include a provision prohibiting any individual non-stormwater discharge that is contributing significant amounts of pollutants to the MS4.

Decision Process: Washington minimizes illicit discharges through several existing mechanisms. An existing ordinance, as shown on the following matrix, is the legal mechanism used to prevent illicit discharges. The attached MS4 map is under development and is updated periodically, and will be updated as part of the SWMP. An attached map indicating the known outfalls of the MS4 will be updated as the City completes dry weather field screening. City streams are not on the 303(d) list nor do they have TMDLs which indicates the City's streams are in relatively good condition. Therefore, the focus of the program is to identify during field inspections and through community involvement the presence of dry weather discharges. These dry weather discharges will be field tested for the presence of typical pollutants found in stormwater or traced to their origin, and appropriate measures undertaken to eliminate them if found to be illicit.

The measurable goals for Illicit Discharge Detection and Elimination include phased completion of mapping, inspection, investigations, and resolution. The City will complete mapping and inspection of one quarter of the City each year and follow up with investigations and resolution. After the four year cycle, the City will have mapping updated and will begin to re-inspect the systems. The participation in programs such as motor oil recycling or hazardous waste collection will also be tracked.

BMPs and Measurable Goals are as indicated in the following matrix.

Minimum Control Measure #3 - Illicit Discharge and Detection			
Measureable Goal #1 - Achieve Accurate City Stormwater Map			
Task	Measurement	Target Impletation	Responsible Individual
Update storm sewer map to reflect accurate information	Conduct necessary research to document accurate map Information for Ward 1 Same for Ward 2 Same for Ward 3 Same for Ward 4 Repeat for Ward 1	June-14 June-15 June-16 June 17 June 18	Scott Skubal
Measureable Goal #2 -Develop Strategy to Identify and Eliminate Illicit Discharges			
Task	Measurement	Target Impletation	Responsible Individual
Conduct and document survey to identify illitict discharge, to include dry weather field inspections, smoke/dye testing, video, manhole inspections	Conduct/document suvey results in Ward 1 Same for Ward 2 Same for Ward 3 Same for Ward 4 Repeat Ward 1	June-14 June-15 June-16 June 17 June 18	Scott Skubal
Solicit public assistance	Establish Website for public notifications Track number of visits Document programs conducted and measurement/estimate of quantities collected	June-14 June-15 June-15	Scott Skubal
Develop plan to resolve identified problems	Plan Developed Plan Implemented	June-14 June-15	Scott Skubal

Scott Skubal not really a volunteer

Task	Measurement	Target Impletation	Responsible Individual
Enforce City Codes pertaining to illicit discharges	Enforce City Codes 705.830 **Pretreatment** Document number of code enforcement efforts Enforce City Codes 705.060 **Property Owners Required to Connect to Public Sewer** Document number of code enforcement efforts Enforce City Code 705.750 **Grease Oil and Sand Interceptors to be Provided** Document number of code enforcement efforts Enforce City Code 130.100 **Sanitation** Document number of code enforcement efforts Enforce City Code 705.030 **Unlawful Deposits of Waste** Document number of code enforcement efforts Enforce City Code 705.040 **Unlawful Discharge of Sewage** Document number of code enforcement efforts Enforce City Code 705.050 **Unlawful Construction of Privies** Document number of code enforcement efforts Enforce City Code 705.700 **Storm Water to be Discharged to Storm Sewers** Document number of code enforcement efforts Enforce City Code 705.850 **Enforcement Response Plan** Document number of code enforcement efforts Enforce City Code 705860 **Legal Action** Document number of code enforcement efforts Enforce City Code 705.870 **Penalty-Costs-Civil Penalties** Document number of code enforcement efforts Enforce City Code 705.880 **Promulgation of Rules and Regulations** Document number of code enforcement efforts	Annual	Scott Skubal

MCM #4 – Construction Site Storm Water Runoff Control

Permit Requirement: Washington shall implement a program to reduce pollutants in any storm water runoff to their small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of storm water discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. If the NPDES permitting authority waives requirements for storm water discharges associated with small construction activity in accordance with 10 CSR 20-6.200, Washington will not be required to implement a program to reduce pollutant discharges from such sites.

no such waiver

Decision Process: Washington minimizes pollutants in storm water runoff from construction activities through several existing mechanisms. An existing ordinance, as shown on the following matrix, is the legal mechanism used to require erosion and sediment controls at construction sites. Two other existing ordinances, as shown on the following matrix, describe the review process of pre-construction development plans and subdivision improvement plans. These existing ordinances will be reviewed with regard to water quality and amended to reflect the requirements of this stormwater master plan. The focus of this program will be to develop procedures for site inspection and enforcement of measures set to control construction site storm water. The City will develop a construction site erosion control inspection policy which will include a standard form for documentation.

The measurable goals for the Construction Site Stormwater Runoff Control include the completion of ordinance revisions, inspections, education, and enforcement activities. The number of inspections and enforcement actions will depend on the amount of development being undertaken within the City and may vary significantly from year to year.

BMPs and Measurable Goals are as indicated in the following matrix.

Minimum Control Measure #4 - Construction Site Stormwater Runoff Control			
Measureable Goal #1 - Site Plan Review			
Task	Measurement	Target Impletation	Responsible Individual
Conduct staff site plan review of all development	Document all site plans conducted Document result of site plan review	All years	Andrea Lueken
Conduct site plan review of major developments at Planning and Zoning and City Coucil Meetings	Document all site plans conducted Document result of site plan review	All years	Andrea Lueken
Measureable Goal #2 -Develop/Enforce Proper City Codes			
Task	Measurement	Target Impletation	Responsible Individual
Enforce City Code 490.040 **Subdivision Review**	Identify and document all reviews and related actions	All years	Andrea Lueken
Enforce City Code 470.015 **Development Plan Requirements**	Identify and document all reviews and related actions	All years	Andrea Lueken
Enforce City Code 400.050 **Grading Permits**	Identify and document all reviews and related actions	All years	Andrea Lueken
Enforce City Code 400.030 **Buildings and Plats**	Identify and document all reviews and related actions	All years	Andrea Lueken
Enforce City Code 460.050 **Butterfly and Landscape Requirements**	Identify and document all reviews and related actions	All years	Andrea Lueken
Enforce City Code 490.035 **Sediment and Erosion Control Standards**	Identify and document all reviews and related actions	All years	Andrea Lueken
Enforce City Code 490.035 D **Design Criteria**	Identify and document all reviews and related actions	All years	Andrea Lueken
Enforce City Code 490.035 E **Detention and Retention Facilities**	Identify and document all reviews and related actions	All years	Andrea Lueken
Enforce City Code 460.060 **Revegation of Disturbed Areas**	Identify and document all reviews and related actions	All years	Andrea Lueken
Consider implementation of new codes per input of staff, developers, public, and elected officials	Document all input and final resolution	All years	Andrea Lueken

MCM#4

Measureable Goal #3 -Develop/Enforce Inspection Program			
Task	Measurement	Target Impletation	Responsible Individual
Develop/Update inspection program including site visit check list	Program reviewed and updated as necessary	June-14	Andrea Lueken
Conduct and document results of all site inspections	Document results of site inspections	June-14	Andrea Lueken
Measureable Goal #4 -Conduct Training/Education Activities			
Task	Measurement	Target Impletation	Responsible Individual
Solicit citizen input concerning ineffective erosion/sediment control methods	Develop and advertise website education and reporting methods Document number of Website visits and number of concerns addressed	June 14 June 15	Andrea Lueken
Promote training sessions for city staff, developers, citizens on proper methods and installation of runoff control BMP's	Training sessions Developed Staff training conducted Citizen training conducted Developer training conducted	June 14 June 15/every 3 years June 16/every 3 years Junce 16/every 3 years	Andrea Lueken

Washington Small MS4
Franklin Co.
MOR040040
SWMP Scan

SLRO

CITY OF
WASHINGTON
MISSOURI

RECEIVED
JUL 19 2013
WATER PROTECTION PROGRAM

July 17, 2013

Ruth Wallace
Municipal Storm Water Program Coordinator
Water Pollution Branch
Missouri Department of Natural Resources
1101 East Riverside Drive
Jefferson City, MO 65101

RECEIVED
AUG 22 2013
MO DEPT NATURAL RESOURCES
ST. LOUIS REGIONAL OFFICE

Re: Permit MO-RO40040

Dear Ms. Wallace:

Find enclosed the second revision of MCM#5. This shall replace the MCM#5 information submitted June 13, 2013. Revisions to address concerns stated in your July 3, 2013 correspondence have been made.

Sincerely,

Daniel E. Boyce

Daniel E. Boyce, P.E.
City Engineer

PLANNING & ENGINEERING SERVICES
405 JEFFERSON ST.
WASHINGTON, MO 63090
(636) 390-1010 • FAX: (636) 239-4649 • www.ci.washington.mo.us

MCM #5 – Post-Construction Storm Water Management in New Development and Redevelopment

Permit Requirement: Washington shall develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the small MS4. Washington must ensure that controls are in place that would prevent or minimize water quality impacts.
Develop controls that reasonably mimic pre-construction runoff conditions to the maximum extent practicable.

Decision Process: Washington minimizes pollutants in stormwater runoff after construction completion through existing ordinances, as noted on the following matrix. The ordinance contains bufferyard and landscape requirements to minimize water pollution and requirements for maintaining ecological balance. Another ordinance, which is also used to control runoff during construction, contains requirements for delegation of the maintenance responsibility of the site once construction is completed.

The focus of the program will be to develop procedures to prevent pollution of natural waters and control stormwater runoff from a site once it is not longer under construction. The audience the City will educate about the impacts of stormwater discharges on water bodies will be expanded to include developers along with public education required by a previous BMP. Developers will be informed of the steps that they can take to minimize the impact their actions have on the environment and to reduce pollutants in stormwater runoff and ordinances will be revised to require use of these.

The measurable goals for Post-Construction Stormwater Management in New Development and Redevelopment include the completion of ordinance modifications, education of developers and homeowners, inspections, establishment of funding source and enforcement.

BMPs and Measurable Goals are as indicated in the following matrix.

Minimum Control Measure #5 - Post-Construction Stormwater Management in New Development and Redevelopment			
Measureable Goal #1 - Establish and Enforce Codes for Post-Construction Stormwater Management			
Task	Measurement	Target Impletation	Responsible Individual
Allow alternate planned unit development - per City Code Chapter 458	Document number of approved PUD's	Each Plan Year	Dan Boyce
Enforce City Code 490.035C.5 **Stream Set-back Requirements**	Document review and action of each pertinent development	Each Plan Year	Dan Boyce
Enforce City Code 490.035E **Stormwater Detention/Retention requirements**	Document review and action of each pertinent development	Each Plan Year	Dan Boyce
Enforce City Code 490.035D.4 **Open Channnel Flow Requirements**	Document review and action of each pertinent development	Each Plan Year	Dan Boyce
Enforce City Code 460.060 **Revegation of Disturbed Areas Requirements**	Document review and action of each pertinent development	Each Plan Year	Dan Boyce
Enforce City Code 460.050 **Butterfly and Landscape Requirements**	Document review and action of each pertinent development	Each Plan Year	Dan Boyce
Review City Codes for improvement of Post-Construction Stormwater Management	Establish Committee to review codes Committee review codes and recommend changes	June- 14 June-15	Dan Boyce
Measureable Goal #2 -Establish program to educate staff concerning both structural and non-structural BMP's and LID's			
Task	Measurement	Target Impletation	Responsible Individual
Establish information source for industry standard best management practices-both structural and non-structural	Missouri Guide to Green Infrustructure: Integrating Water Quality Into Municipal Stormwater Management, May 2012 MSD Site and BMP Design Manuals.	All years	Dan Boyce
Train city staff concerning both structural and non-structural BMP's and LID's methods	Develop training information Document staff training session	June 14 June15/every 3 years	Dan Boyce
Obtain additional educational materials on BMP's and development and practice of low impact development	Document seminars attended, websites visited, and peers consulted	June-14	Dan Boyce

Measureable Goal #3 -Develop/Implement Post-Construction Inspection Program			
Task	Measurement	Target Impletation	Responsible Individual
Identify on GIS system map development areas that require inspections to include all retention/detention facilities	Areas identified in Wards 1 and 2 Areas identified in wards 3 and 4	June 14 June 15	Dan Boyce
Develop inspection program including checklist, for identified development areas to include all retention/detention facilities	Program Developed	June-15	Dan Boyce
Inspect Identified areas	Areas identified in Wards 1 and 2 Areas identified in wards 3 and 4	June 16 and 18 June 17	Dan Boyce
Measureable Goal #4 -Establish Fund Source and Responsiblities for Stormwater Management Infrastructure			
Task	Measurement	Target Impletation	Responsible Individual
Continue funding of the stormwater management fund per City Code 490.035E.3	Document fund monies collected and distributed	Each Plan Year	Dan Boyce
Enforce City Code 490.035E.1 **Maintenance of Detetion/Retention Facilities**	Document establishment of maintenance responsibilites for each new detention/retention facility	Each Plan Year	Dan Boyce
Enforce City Code 490.030L **Maintenance and Security for Improvements**	Document establishment of maintenance responsibilites for all infrastructure improvements	Each Plan Year	Dan Boyce
Measureable Goal #5 -Proper Regulation of Development in Flood Risk Areas			
Task	Measurement	Target Impletation	Responsible Individual
Continue enforcement of City Code Chapter 495 Flood Damage Prevention	Document each flood plain development permit issued	Each Plan Year	Dan Boyce

Measureable Goal #6 -Mimick Pre-Development Conditions to the Maximum Extent Practicle per MDNR Requirements			
Task	Measurement	Target Impletation	Responsible Individual
Gather compliance plan information. Meet with: MDNR Cities Consultants Developers City Staff	Document all discussions, meetings, and information obtained	Dec-13	Dan Boyce
Prepare Draft Compliance Ordiance	Draft Ordinance Developed	Feb-14	Dan Boyce
Review/Revise all existing ordinances that might conflict with regulations developed to comply with this goal	Document codes reviewed and decisions made	Mar-14	Dan Boyce
Educate City Officials and Public concerning contents and impact of Draft Ordinance	Document all education efforts	Apr-14	Dan Boyce
Revise Draft Ordinance based on input received	Final Ordinance Prepared	May-14	Dan Boyce
Present Final Ordinance to Planning and Zoning & City Council for consideration	Document Meeting Minutes	Jun-14	Dan Boyce
Enforce adopted Ordinance	Document Enforcement Efforts	Post June-14	Dan Boyce

MCM #6 – Pollution Prevention/Good Housekeeping for Municipal Operations

Permit Requirement: Washington shall develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. Using training materials that are available from EPA, State, or other organizations, Washington shall include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

Decision Process: Washington addresses many aspects of this section under the previous five minimum control measures. The City currently has street sweeping procedures established, and the process will be continued along with additional pollution prevention measures.

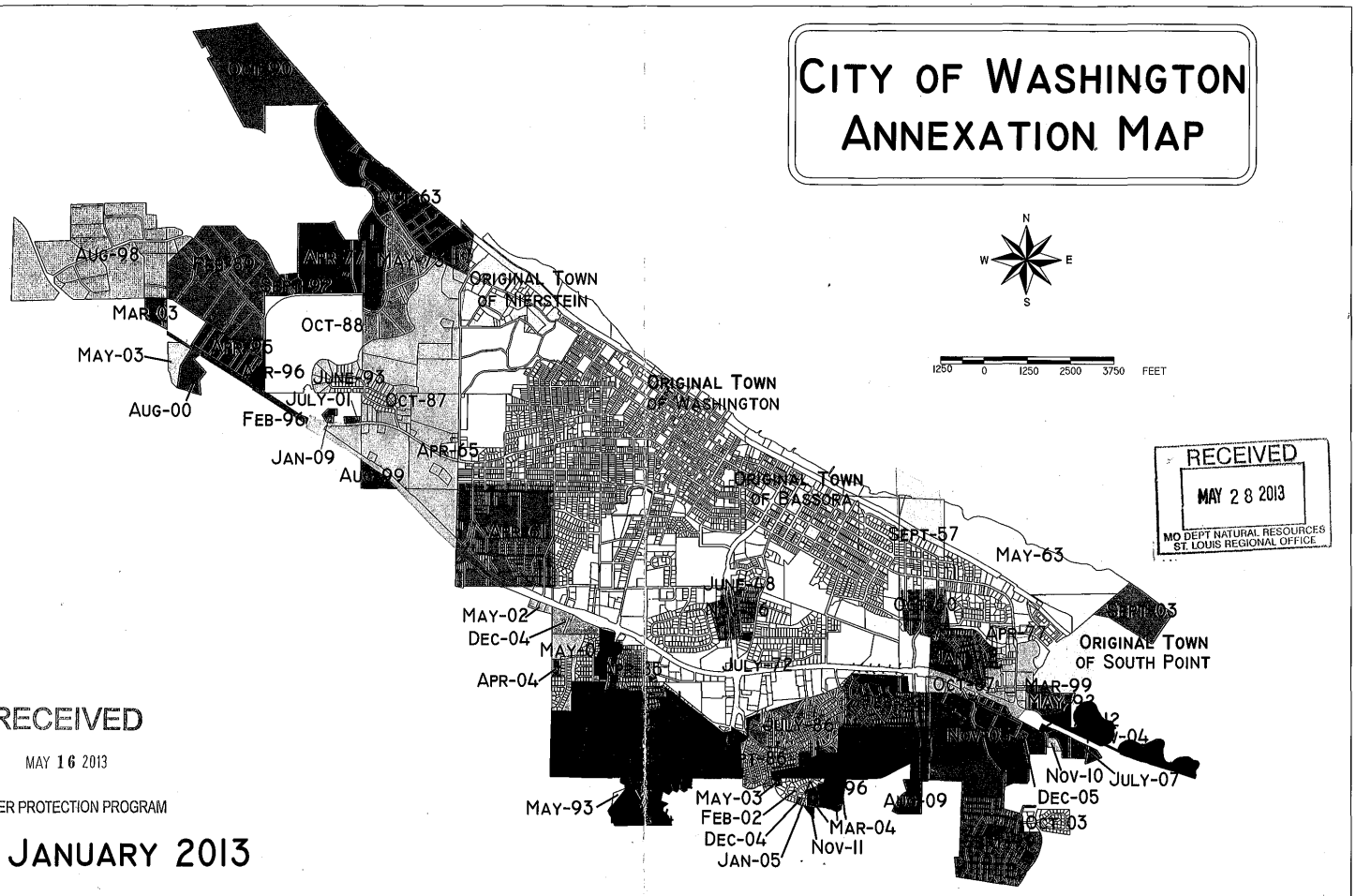
The focus of this program will be pollution prevention within municipal operations. The City will help its staff understand the impacts of pollution and how to prevent it from happening.

The measurable goals for Pollution Prevention/Good Housekeeping include completion of training, planning, and cleaning activities and ongoing pollution prevention/good housekeeping procedures.

BMPs and Measurable Goals are as indicated in the following matrix.

Minimum Control Measure #6 - Pollution Prevention/Good Housekeeping or Municipal Operations			
Measureable Goal #1 - Establish Pollution Prevention Program for Municipal Operations			
Task	Measurement	Target Impletation	Responsible Individual
Identify all municipal activities subject to pollution prevention opertions	All city activities identified Document all identified activities	June-14	Dan Boyce
Review/Amend/Initiate proper pollution prevention procedures	Proper pollution prevention procedures in place Document all pertinent procedures	June-15	Dan Boyce
Establish inspection program to ensure compliance with pollution prevention procedures	Inspection program developed Inspection program initiated Document all inspections	June 15 June 16/every 3 years	Dan Boyce
Initiate employee training program to educate concerning proper pollution prevention procedures	Training Program Developed Inspection program initiated Document number of employees trained	June 15 June 16/every 3 years	Dan Boyce
Measureable Goal -Conduct City Programs that contribute to Pollution Prevention			
Task	Measurement	Target Impletation	Responsible Individual
Conduct Recycle activities	Document number of households participating Document volumn of waste processed at recycle facility	Each Plan Year	Dan Boyce
Conduct street sweeping program	Document record of street sweeping activities	Each Plan Year	Dan Boyce
Conduct yardwaste program	Document volume of yardwaste collected	Each Plan Year	Dan Boyce
Conduct landfill operations	Document volume of waste collected	Each Plan Year	Dan Boyce
Conduct program to collect electronics	Document number of electronics collected	Each Plan Year	Dan Boyce
Conduct hazardous waste disposal program	Document volume of waste collected	Each Plan Year	Dan Boyce

CITY OF WASHINGTON ANNEXATION MAP



RECEIVED
MAY 28 2013
MO DEPT NATURAL RESOURCES
ST. LOUIS REGIONAL OFFICE

RECEIVED
MAY 16 2013
WATER PROTECTION PROGRAM

JANUARY 2013